

ISCO-08

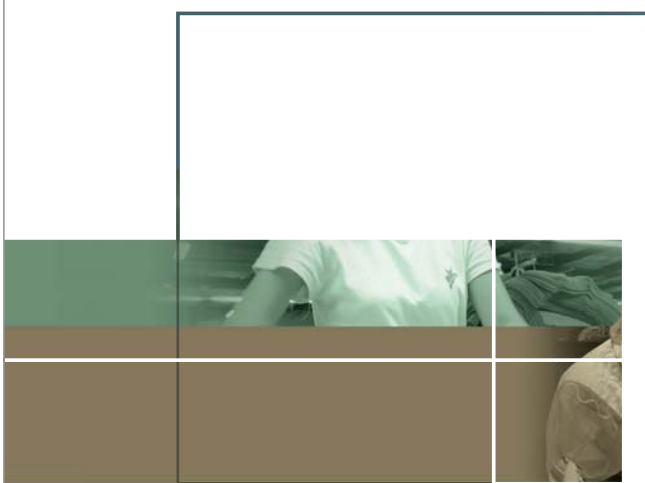
Volume I



International  
Labour  
Office  
Geneva

# International Standard Classification of Occupations

Structure, group definitions  
and correspondence tables



INTERNATIONAL STANDARD  
CLASSIFICATION OF OCCUPATIONS  
**ISCO-08**



INTERNATIONAL STANDARD  
CLASSIFICATION OF OCCUPATIONS  

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**ISCO-08**

VOLUME 1  

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**STRUCTURE, GROUP DEFINITIONS  
AND CORRESPONDENCE TABLES**

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1 V C M J D B U J P O T P G U I F \* O U F S O B U J P O E B F M \$ - 1 B S C P P U V P S D O M D F F P O G K R U Z I F D F O Z J S W H \$ U B M \$ P O  
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International Labour O ce

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PREFACE

5 IJT WPMVNF QSFTFOUT UIF TUSVD DV SFF B\*COEU ES O DBUW B O B M P4GU E  
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 ( P W F S O J O H # P E Z J O . B S D I

\* 4 \$ O M J L F J U T Q S F E F D F T T P S I D U F I S O T B C J F P C O B M F D W P A N O B O F T E  
 PDDVQBUIJPOBM TUBUJTUJDT BOEFWF M P S W C H B F S B S N W B F M O K P S I F  
 tional occupational classifications. It is fully supported by the international community as an  
 accepted standard for international labour statistics.

5 I F E F W F M P Q N F O U P G \* 4 \$ O C I O F J m O W F S O C S P R O B N D F V Y N  
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 MBCPSBUJPO XJUI FYQFSUT GSPN NBOZ DPVOUSJFT BOE BHFOD

5 I F \* - O J T H S B U F G V M G P S U I F J O W E B F N V B Z M U R F B - E W F J Y D C F F S W O T E H J  
 DMVEJOH NFNCFST PG UIF 6OJUFE P O B J M P O & T D R O Q N S D B S E V Q P P O E  
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 \* \$ - 4 4 Q F D J B M U I B O L T T I P V M E H P S U P N S F R V O S T G P P S G Q J O E B S U F D O  
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 EJSFDU BTTJTUBODF QSPWJEFE

5 I B O L T B S F B M T P E V F U P U I F N B O Z U B - U O J T T U W B D T J B O E I F M P A F Q B S J  
 XIP DPOUSJCVUFE UP UIF DPNQM F U U P O " E P S G J B U O B T . B W P B M V S N I F F O J O  
 XPPE XIP JOJUJBUFE UIF QSPKFDU



## CONTENTS

Preface .....	W
---------------	---

### Part I. Introductory and Methodological Notes

1. Nature, objectives and development of ISCO-08.....	3
O W F S W J F X . . P . G . . * . 4 . \$ . O . . . . .	
. B J O P C K F D . U . J . W . F . T . . P . G . . * . 4 . \$ . O . . . . .	
) J T U P S J D B M . . C . B . D . L . H . S . P . V . Q . E . . . . .	
O W F S W J F X P G U I F V Q E B U . J . O . H . . Q . S . P . D . E . F . T B O E D P O T V M U I	
4 D P Q F P G U I F . . V . Q . E . B . U . J . O . H . . X . P . S . L . . . . .	7
% F m O J U J P . O . T . . P . G . . H . S . P . V . Q . T . . . . .	
* O E F Y P G P D D . V . Q . B U J P . O . B . M . . U . J . U . M . F . T . . . . .	
2. Conceptual framework, design, structure and content of ISCO-08.....	11
6 O E F S M Z J . O . H . . D . P . O . D . F . Q . U . T . . . . .	11
De nitions of job and occupation.....	11
Skill level and skill specialization.....	11
% F m O J U J P O T P G U I F . . G . P . V . S . . * . 4 . \$ . O . . T . L . J . M . M 1 2 F W F M T	
Skill Level 1 .....	12
Skill Level 2 .....	12
Skill Level 3 .....	
Skill Level 4 .....	
" Q Q M J D B U J P O P G U I F G P V S S P V Q M . M . . M . F W F M T U P U I F *	
O D D V Q B U J P O T G P S X I J D I G P S N U X F F O E D P B O J P S O F \$ F R V J S F	
\$ M B T T J m D B U J P O T U S . V . D . U . V . S . F . . B . O . E . . D . P . E . F . T D I F N F	
5 I F N B U J . D . . W . J . F . X . T . . . . .	17
% F m O J U J P . O . T . . P . G . . H . S . P . V . Q . T . . . . .	17
Purpose of the de nitions .....	17
Structure and content of the de nitions .....	
3. Major changes between ISCO-88 and ISCO-08.....	21
4 V N N B S Z P G D I B O H F T . . B . O . E . . U . I . F . . S . F . B . T . P . O 2 T G P S U I F N	
. B O B H F S J B M B O E T . V . Q . E . S . W . J . T . P . S . Z . . P . D . D . V Q B U J P O T	
Managers, senior o cials and legislators.....	
Supervisory occupations.....	
1 S P G F T T J P O B M B O E . . U . F . D . I . Q . J . D . B . M . . P . D . D . V Q B U J P O T	
Information and communications technology (ICT).....	
Health services occupations .....	
Teachers .....	





5 Z Q F T P G R V F T U J . P . Q . . P . O . . P . D . D . V . Q . B U J . P . O . . . . .  
 Pre-coded questions.....  
 Open-ended questions.....  
 4 V H H F T U F E R V F T U J P O T S F D P N N F M P Q E N F O P S U F T U J O H B O E  
 " T T J H O J O H D M B T T J m D B U J P O D . P . E . F . T . . U . P . . T V S W F Z S F T Q P O T F  
 \$ P E J O H P G W B H V F B . O . E . . J . O . B . E . F . R . V . B . U . F . . S F T Q P O T F T

**Part II. Structure of the International Standard Classification of Occupations (ISCO-08)**

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. B K P S ( S . P . V . Q . T . . . . .  
 . B K P S B O E 4 V C N . B . K . P . S . . ( S . P . V . Q . T . . . . .  
 . B K P S 4 V C N B K P S . B . O . E . . . . J . O . P . S . . ( S . P . V . Q . T . . . . .  
 . B K P S 4 V C N B K P S . J O P . S . . B O E . . 6 . O . J . U . . ( S . P . V . Q . T 7 2

**Part III. Definitions of Major Groups, Sub-Major Groups, Minor Groups and Unit Groups**

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. B K P S ( S P V Q . . . . B . O . B . H . F . S . T . . . . .  
 . B K P S ( S P V Q 1 . S . P . G . F . T . T . J . P . O . B . M . T . . . . . 109  
 . B K P S ( S P V Q 5 F D I O J D J B O T B . O . E . . " . T . T . P . D . J . B . U . F 1 S P G F T T J P O B M T  
 . B K P S ( S P V Q \$ M F S J D . B . M . . 4 . V . Q . Q . P . S . U . . 8 . P . S . L . F . S . T 219  
 . B K P S ( S P V Q 4 F S W J D F . T . . B . O . E . . 4 . B . M . F . T . . 8 . P . S . L . F . S T  
 . B K P S ( S P V Q 4 L J M M F E " H S J D V M U V S . B . M . . . ' P . S F T U S Z B O E ' J T I F  
 . B K P S ( S P V Q \$ S B G U B O E . 3 . F . M . B . U . F . E . . 5 . S . B . E . F . T 2 7 P S L F S T  
 . B K P S ( S P V Q 1 M B O U B O E . B D I J O . F . . O . Q . F . S . B U P S T B O E " T T F N C M  
 . B K P S ( S P V Q & M F N F O . U . B . S . Z . . O . D . D . V . Q . B . U . J . P . O . T . .  
 . B K P S ( S P V Q " S N F E ' P S D . F . T . . O . D . D . V . Q . B U J . P . O . T .

**Part IV. Correspondence with ISCO-88**

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\$ P S S F T Q P O E F O D F U B C M E . . . . \* 4 \$ . O . . . . . U . P . . \* 4 \$ . O .  
 \$ P S S F T Q P O E F O D F U B C M E . . . . \* 4 \$ . O . . . . . U . P . . \* 4 \$ . O .

Annexes

- 4 F W F O U F F O U I \* O U F S O B U J P O B M 3 F F O M V S J B O O F \* P \* G - B C P V  
Resolution concerning further work on the International Standard  
\$ M B T T J m D B U J P O . . P . G . . O . D . D . V . Q . B . U . J . P . O . T . . . . .
- 2. Resolution concerning updating the International Standard Classification  
P G O D D V . Q . B . U . J . P . O . T . . . . .

Bibliography. ....

Tables

- . B Q Q J O H P G \* 4 \$ O N B K . P . S . . H . S . P . V . Q . T . . U . P . T L J M M M F W F M T
- . B Q Q J O H P G U I F G P V S \* 4 \$ O P G T L E J W D N U M P F O W F M T U P \* 4
- / V N C F S T P G H S P V Q T . B . U . . F . B . D . I . . M . F . W . F . M . 2 3 \* 4 \$ O
- 4 V C N B K P S H S P V Q T J O . B K P S ( E S P V Q O . . . 1 S P G F T T J P O B M
- 4 V C N B K P S H S P V Q T J O . B K P S ( S 1 P S V C G F T T 5 P D B O M J D J B O T
- \* 4 \$ O B O E . . . \* . 4 . \$ . O . . . . .
- 4 V C N B K P S B O E N J O P S H S P V Q T O O . . . B K P S ( S P V Q \* 4
- 4 V C N B K P S B O E N J O P S H S P V Q T V J O B U B R O T S ( S P V Q &
- \* 4 \$ O B O E . . . \* . 4 . \$ . O . . . . .

PART I

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**INTRODUCTORY AND METHODOLOGICAL NOTES**



# 1. NATURE, OBJECTIVES AND DEVELOPMENT OF ISCO-08

## 1.1 Overview of ISCO-08

5IF \*OUF SOBUJPOBM 4UBOE BSE \$M BTTJmDBUJPO PG ODTWQFBSUTJPEOFTT \*4\$O

\*4\$O JT B GPVS MFWFM IJFSB SUIBDBMMMPXU SB/MV \$PEC T XPSME UP CF DMBTTJmFE JOUP IFVDP UH SEFWOBTJ M5IEF TM FHWSFM DMBTTJmDBUJPO TUSVDUVSF BOE BSF BHM SFNH BKUFE HOPOT BQ NBKPS HSPVQT CBTFE PO UIAM SMFJWFJMI BSOEU ZLJOM MF \$Q FDBM RVJSFE GPS UIF KPCT 5IJT BM MFLXBTJ MIFE QSOPEFVSOUBI DP DB NSMNI BDUJ EBUB BT XFMM BT TVNNBSZ JOG P SNH B E T D O M G R V S F N O R M G Z B H H S F R H V Q

5IF DMBTTJmDBUJPO XBT BEFFSU FEPOZ - BCPVSS Q4BUSBUJUTU J.DF VQEBUJOH UIF \*OUF SOBUJPOBM T4UB \$E B SEI F\$MMEB GTSJPHND BU %FD FNCFS 5IJT NFFUJOH XBT ZD P G W F D F E \* C Q F U S I G B (U P J V P F O -BCPVS O DF JO BDDPSEBODF XJUW FBO ISFFO MIV UO B OS OJBOU JPOB MP C GFSFODF PG -BCPVS 4UBUJTUJDJ B S T F E \* \$ Z 4 U I F \* Q P W I F S O S O T H P M I R V E J O . B S D I U I F \* O U F S O B U J P O B E M U P B V Q E V S U O D 4 \$ O \* C O M X B B U B O E D P O W F O F B U S J O B S U J W M F T . F F r n D B W H J P O G B & O Y E Q N S W F I Q S P Q S J B U F S F D P N N F O E B U J P O T U P U I G V ( M P W F U S F O Y J L D H P G # R U E Z S \* F - T O P M J T Q S P W J E F E J O " O O F Y

5IF SFTPMVUJPO PG UIF .FFUJ(OPHW P \$ O & O E F \$ R E Z X J B O T . F B O S E D I \* U X B T B M T P Q S F T F O U F E U D P B M P \$ J R N U N I J T T 6 J O P J O U I B E U / J B U J J P O U T I T J P O J O ' F C S V B S Z B O E U I F & F M I K U F F S F Q U P I \* \$ - F 4 D F F M E S G S P N \* 4 \$ O J T U I V T G V M M Z T V Q Q P S U F E T C E Z O U B D D I O W F S D B T W J P O B B M S E D international labour statistics.

&BDI HSPVQ JO UIF DMBTTJmDB B B E P O O J T N E F \$ J B O B U F E B Z T B D U X J U I B E F m O J U J P O U I B U T Q F D J m U F J P O T I F B M D P Q T V N P N G B S U J I F F H N B J O U B T L T B O E E V U J F T Q F S G P S H S P E V Q O B P O D E D V O S P W W J P E O F T B J O M U I F P D D V Q B U J P O B M H S P V Q T J O D M V E Y F E N D S M F J O P G I E U I B B T F D R V Q B V O C 5 I F \* 4 \$ O I J F S B S D I J D B M T U S V D U B / S E D D P P E N F O S J T J O Q S U I T F F E S I 1 B S U \* \* 1 B S U \* \* \* Q S F T F O U T U I F V O J P U N Q I S M F W O F T E F r n D O B S J J H P S O P T V sub-major groups and major groups.

5IJT JOUSPEVDUJPO EFTDSJCFT JWTF I\*4\$OSZ DPW DFMQWBFND UC TUSVDUVSF BOE PUIFS NFUIPEPMPHJDBM B MOTTPJ EFSB WJJPEOFTE R BQQMJDBUJPO PG \*4\$O JO EBMBDIPOM MYFUTU JPO DBMDVLEJW JH EJT on some of the more di cult distinctions made between categories.

5IF NBJO EJ FSFODFT CFUXFFO \*4\$OT GFBSDUIF4\$OEJ FSBFOEDRU BSF TVNNBSJ[FE JO \$IBQUFS CFMFP XDP'S SEFTUBPME E OTDOFF DCJFmUDXBF UIF PME BOE OFX DMBTTJmDBUJPNOTS JTFQSDPVSJSEFTEQPO EIFBOSUF \*U7B JO \*4\$O DPEF PSEFS BOE \*4\$O DPEF PSEFS

7PMM Index Of occupational titles SPWJEFT TVQQMFNF OUBSZ JOG P SNBUJPO included in each group, linking real job titles used in the world of work with the categories in the DMBTTJmDBUJPO TUSVDUVSF \*U JNOB ZI B METFW F MSPW N FBOTU BP \$I PBEFBMD PG OBUJPOBM JOEFYFT PG PDD4\$COB UJPO \$JFRWJ S F E X I F S M V B M JT B SFQM BDFNFOU GPS UIF JOBRYU URG C P D D L V C P B - U U P F O B M \$ W J U M C M J D B U J P O B O E J O D M V E F T E J H I J U P D \* 4 V \$ C O B U J P O B B O M E \* F 4 T \$ O S J O U

"MM PG UIF JOG P SNBUJPO DPOBUCBM OFE OJ O I F P M A V S N O F T X F C B O E F J T XXX JMP PSH QVCMJD FOHMJTI BVOSOFFEV UTI BBUUJITDPJ O G E S M B I W J N P C C F T V Q Q M F N F O U F I m p l e m e n t a t i o n g u i d e I B U X J M M Q S P W J E F B E W J D F B P O B E B Q U J O H \* 4 \$ O G P S O B U J P O B M V S D F B U J C P E O B M S M Z I D P O Q B E S V information.

1.2 Main objectives of ISCO

( M P C B M J [ B U J P O P G U I F M B C P G V P S S N O B S E \$ O B U B P O B M D M \$ F B E Q B S B C M F P D D V Q B U J P O B M E B U B G M P S Q F S Q F T U F T U J T \* 4 \$ D O B M B B O E N T B T B U J T G Z U I J T E F N B O E C Z Q S P W J E J O H

B B D P O U F N Q P S B S Z B O E S F M F W B S W J C B T J D P N Q S S U I T F P O O B J O F S O F D I B O H F P G T U B U J T U J D B M B O E B E N B O J J P O S T B U J W F J O G P S N B U J J

C B V T F G V M N P E F M G P S U I F E F V D F M B P T C N F O B U P J C O O T B P G P O B M V B and

D B T Z T U F N U I B U D B O C F V T F P U E E S F M F U M P Q F J E D U D I F V O U P S X O T O B classifications.

\* 4 \$ O T F F L T U P G B D J M J U B U P D J D O V L Q F S J O B O T J P C O Z B M S P W J N E N V T U B U J T U J D J B O T X J U I B G S B N F X P S L M U F P F N B D F Q J E D W F S O B M J P E C B U M B M able, and by allowing international occupational data to be produced in a form that can be V T F G V M G P S S F T F B S D I B T X F M M B D U G P S P C S B D O M D E E B D W T J W P J O U J N F as those connected with international migration or job placement.

\* U T I P V M E C F F N Q I B T J [ F E U I B O X I J T M F O P T U F S A O J J C O E F T E B J P N I S Q M B D F B O Z F Y J T U J O H O B U J P O B M F D R V D B T V T Q B U D J E P U O J P O D M B G T B D N D B O B J O E J W J E V B M D P V O U S J F T T I P V M E I F G V O N B M J Z P S B M F M U B C C P V S I N U E S L F J O G P S N B U J P O O F F E T G P S O B U J P O B M D M \$ S J S F M X F I W B O U P D D V S O B U F F T O D M B T T J m D B U J P O T B S F B M J H O F E X J U N P M \* 4 m \$ O E J U J O B D P F O S D F U Q U the procedures to make their occupational statistics internationally comparable.

5 I F S F G P S F U I F J E F B M T J U V B U J P O B M J D M B E T U J D N D V B O U J S O F T T L E I F B V M P S F E U P N F F U C P U I O B U J P O B M B O E B D O U F F S S O B U J P O B M S F R O P J H S C I P X F W F S U I B U T P N F D P V O U S J F T P Q N B O Z B U O J P O B I N B V D F M B J T F J D B B U J O U I F T I P S U U P N F E J V N U F S N B C \* M F U G P T S F D D P J V S C D U S N U T F U B O D F U G P D V T M J N J U F E S F T P V S D F T P O U I F N D F M F A N M P O Q B B O P O P B G U P P M O T U I F O B U J P O B M D P O U F Y U G P S F Y B O N B O M U J B J M O B T U J P O B M J O E F Y P O

\$ M B T T J m D B U J P O T P G P D D V Q B U G P O S T L B I S F F D V F M E M F O U O J E P U O J P E D T F N J O B U J P O P G T U B U J T U J D T G S P N F T P W S E D C F V S V O P S B D T F Q T P V S W W F E Z U P U I F S I P V T F I P M E T V S W F Z T F N Q M P E Z E S B S V S W M Z T P - B V O T E F P U C I E S H P R W N F O U T B O E D P N Q B O J F T J O B D U J W J W J F K P C V W I B B B O N D B U F D I J D E H V B O O planning, reporting of industrial accidents, administration of workers compensation, and the management of employment-related migration.

\* O P S E F S U P T B U J T G Z U I F G M M I M E S E Z O W I F F P B C Q Q M F J S D B S L F J R P V O J S F R B C P W F N B O Z D P V O U S J F T X J M M X M B T T U P N D O B S U P M P D E T F M O F S I F J S S V B O E E F M O J U J P O B M E F U B J M T U I B O J U P I C P E T M D M C B U T E J J C H F E B U O P O 4 \$ O P O \* 4 \$ O U I J T D B O C F B D I J F W F E T F J O W P S U C X Z P E P J S W J E P J S C F H T N F B I V O J U H S P V Q T P S C Z Q S P W J E J O H B N P B F m E G F W I B J J M F S B S P D D I D D B M U M P U I F O B U J P O B M D M B T T J m D B U J P O P \* X J T D I F S I P B J O D M B / T E F T E F D T F D V S O J O S J J D P E F E J O G P S N B U J P O P O K P C D P O W F C O U B U T E P O M M S - P R O F S U F F N O F O Z U G S X P S L T B O E E F U B J M F E P D D V Q B P S P O B B M P O F N B S J Q E J P O T J O B G P S X B H F T F U U M F N F O U T W P D B U J R O B M P H G / J W B O B B U J B O B M J S U B S J E O J Q S P H S B N N F T K P C Q M B D F N F O U T F S O W F D D J F M T D P N S P S B O B E M J U T Z J T B O G R U B M J U Z C V U J T C F Z P O E U I F T D P Q F P G \* 4 \$ O

\* U J T J N Q P S U B O U U P O P U F O H B W I F B M O S I P W H I T - J V P T C G P V O M T U O B O G P S N B U J P O G P S E F D J T J P O N B L J O H T P O P P U D D B V Q S B B N P O B S M L J G F T S / F B T N J O J T U S B U J W F S F H V M B U J P O P G P D F E V O B O U E J R O F Q S S F T E F F O T U B O B B E F T D S J Q U J W F B O E E F M O J U J P O B M N Y B O U S F S T J B M P O O P \* G 4 \$ B C O Z E P P Q O P O X I B U T P F W F S P O U I F Q B S U P G U I F \* O W H F S L O I F U M F F O H B N M - P B S C I S V S I V O M B status of any occupational group.

### 1.3 Historical background

5 IF EFWFMPQNFOU PG UIF \* OUF B G B W D D O B M U 4 P B D E H P S E T \$ O V B  
 many decades and has always been closely connected with the work of the International Con-  
 ference of Labour Statisticians, which meets under the auspices of the International Labour  
 OSHBOJ[BUJPO 5 IF OFFE GPS BO JJPOQ F S G BRUD D O V B N U T J U P B O O T E B X S B E T  
 D V T T F E B T F B S M Z B T B U U I B F r n B M U U \* \$ P - Q \* - O B S B B O E

8 P S L U P E F W F M P Q \* 4 \$ O X B T J O J B O B U F E F J r O S T U Q B U J U J W F J  
 U P X B S E T J U T F T U B C M J T I N F O U X B T T U m F D B B P R O W J P O O P J C O B N O B S K P P M S J F H  
 C Z U I F 4 F W F O U I \* \$ - 4 J O \* O S O B U U P O B \* M O \$ Q M E C T M J T r n B U U P  
 O D D V Q B U J P O T G P S . J H S B U J P O B O E & N C E M P O S I F O W J P O M T B D G N F O U P X  
 D V Q B U J P O T C B T F E P O U I F O B U J P O B M J D F M B D P V O D S W J P O T U P G I F J &  
 \* \$ - 4 B Q S P W J T J P O B M M J T U F P G J O W O P \* S \$ - H S P V Q T X O B F T N B O C  
 pleted the work by endorsing the major, minor and unit groups of the rst ISCO, which was  
 Q V C M J T I F E C Z U I F \* - O J O B O E I B E O O F F O T S L O P X I O B T F E 4 \$ O  
 / J O U I \* \$ - 4 U I B U \* 4 \$ O X P V M E O O U F J N E F U B I F C & N S F W F J C U F I E \* \$ G  
 D P O T J E F S F E B O E B E P Q U F E B S F W J T F E F E J U J P O P G \* 4 \$ O \* 4

\* 4 \$ O X B T T V Q F S T F E F E C Z \* 4 \$ O S U F F B E U R O \* \$ F - E 4 J O 4 \$ O C Z  
 S F Q S F T F O U F E B T J H O J m D B O U C S B B L U G S P N J W I V T B X P U I O F S D W D P V T  
 T L J M M M F W F M B O E T L J M M T Q J F N B B M P J Q B V Q B O J P O T D S O W F P S O B S P U H  
 M B S H F S H S P V Q T 5 I F Q S F W J P V T B W F B O B R M O D M P E G T \* J m \$ D O B U B P O X F E  
 U J N F E J E O P U V T F U I F D P O D F O X F F P O G H S B W I C M T N B W U F I M N U P T B J B H J C  
 M F W F M P G U I F D M B T T J m D B U J R O I B D D B V C T B U S P P O C H F D S M B P D V r n D  
 H P P E T B O E T F S W J D F T Q S P E V D F E B O O E T U X S F S D F U G S F R V I P O J U O M E Z / T R V S J J U B F V  
 T J m D B U J P O T P G F D P O P N J D B D U J W J U J F T

4 J O D F J U T B E P Q U J P O \* 4 \$ O T I B G T P S C I E F O W F X M I P Q M I Z O M T F P E G B O T B U  
 and multinational classi cations and for the dissemination of international data classi ed  
 C Z P D D V Q B U J P O & B S M Z J O U I F C F r n S N U E M B B S F I P & F W F S U  
 U I F S F X B T B O F F E U P V Q E B U F \* 4 \$ O Q B U U P O S B M F T D U S W D B O S I F T P G  
 workforce, as well as to address a number of problems that had been identi ed during its use  
 J O T U B U J T U J D B M B O E P U I F S B O O D M \$ D B U B R O V U S J I I F S I O F X F F E S F U P O  
 D I B O H F T S F T V M U J O H G S P N U I F J N Q B E D Q E P D G P R N W O - M D P B C U N I P O U T T U F O  
 nology on the workforce.

" U U I F U I 4 F T T J P O P G U I F 6 T O T J P F C E J O B U . B P S O T 4 U B U J U T I F J D B O  
 X B T B T L F E U P E F W F M P Q B U J N F U B C U M X P G R S E L B I M W R X E B T W J O H F O G  
 G P S U I F V Q E B U F E D M B T T J m D B U J P O C F P B W O B B U M B O B M B B B Q V T B U J P O  
 S P V O E P G O B U J P O B M Q P Q V M B U J P O D U F I C T F F W F O U 6 / F O U I \* \$ - 4 \*  
 B M T P E J T D V T T F E U I F U J N J O H P G M U B F X I P F S I O B W P V S V Q B B E F T D P Q S  
 U I F X P S L U P C F E P O F B O E S F R V F E Z U P G U I F O \* - O U P U I F ( P W

ensure that the ILO, as the custodian of the International Standard Classification of Occupations  
 \* 4 \$ O X J M M I B W F U I F D B Q B D J U Z U P

(1) undertake the research and consultations necessary to formulate the modifications and updates  
 P G \* 4 \$ O U I B U B S F O F D F T T B S Z U F F S F W O F V E S T B I B D P J E U N D P B E C N O P O R S J O O  
 P D D V Q B U J P O B M D M B T T J m D B U J F O G P S I P D N J F O U F S E F N B S F E U B O Q M U D B T

(2) complete this work not later than the end of 2007 for the results to be taken into account in  
 national preparations for the majority of population censuses that are to be undertaken in the  
 2010 round.



1.4 Overview of the updating process and consultations

22. In conducting the work to update ISCO, the ILO consulted as widely as possible with a range of specialized agencies, workers and employers organizations, and stakeholders with an interest in those occupational areas where most updating was needed.

tronic discussions.

TUSJDUFE UP

U I F J N Q B D U P G J O G P S N B U J P O B O E D O P N U N I V O P J D D B W Q B O J P O B M I O  
 T U S V D U V S F P G U I F M B C P V S N B S L F U  
 U I F O F F E G P S J N Q S P W F E D P W F S B H F P G I F B M U I P D D V Q B U  
 V T F S S F R V F T U T G P S N P S F E F U B J M S J O T B R H S D D O B W J M P S O B T M G P S  
 U I F O F F E U P J N Q S P W F U I F H S P V Q J O H T G P S N B O B H F S J B M P D  
 D P O D F S O T U I B U \* 4 \$ O X B T W F S Z N B F O U V B G J B M D F E V S P S H T P D F U  
 D V Q B U J P O T C V U I B E N V D I M F T T B F R U B F M T P T G Q B D J H S M M E Z U B D O J  
 D M F S J D B M B O E T F S W J D F T S F M B U E H E F P D O V F O N B O U M P D F T E X Q F S F P E O  
 X F S F G F N B M F  
 D P O D F S O T B C P V U U I F F Y J T U F O M M P M G F W B N S B M G M S F N P D H S V D V O  
 U I B U J O W P M W F E U I F Q F S G P S N B O D F P G T J N J M B S P S J E F O U J  
 U I F O F F E G P S J N Q S P W F E D P W F S B H B O P G I P D D O Q P S U N B M I T T U F I D B W P  
 B O E P G P D D V Q B U J P O T X J U I M P X T L J M M S F R V J S F N F O U T  
 U I F E F W F M P Q N F O U P G U I F N B U J D J P S D B U M U P O S C C B U T J V E F Q S V J J F B S  
 P O U I F H P P E T P S T F S W J D F T Q S P E V D F E J O E F Q F O E F O U M Z  
 U I F O F F E U P S F G S F T I B O E V Q E B U E E F M O J U J P O T P G B M M D B  
 U I F O F F E G P S U I F \* 4 \$ O J O E F Y F G E B D D V Q C E U J U P O E B M U J U M

5 I F m S T U F Y Q M P S B U P S Z R V F T U H J R I O B B W S I D F P O V O E B V J N C H S \* 4  
 D P O D F Q U V B M J T T V F T B T X F M M B U J P O B M F H S B F B U N F S O E S P G Q M O F D J  
 R V F T U J P O O B J S F X F S F B O B M Z T F E C Z S U U R B \* U - C G F B S O N E F F V N I N B C S B T B E G  
 E J T D V T T J P O T B C P V U \* 4 \$ O B U U I F N F S U U X O F A V D G P O I F \* O L O F J S U F H E U J B O  
 & D P O P N J D B O E 4 P D J B M \$ M B T T J m D B \* U D P O T I F M ' E P M M P X B O H : P  
 U I F J O B V H V S B M N F F U J O H P G U I F 5 & ( E \* F A V O M J O Q F F E W B O C F S E B U F  
 E S B G U D M B T T J m D B U J P O T U S V D U V S F C % F O U P W I M U F I E F \* Y - D N B O B U N I P O C I F  
 P G U I F 5 & ( \* 4 \$ O M F E U P U I F J E D O S J O T M B B B V B O U I F G \* B \$ O V N C  
 T U S V D U V S F B O E U P B T F S J F T P G S G V S S J I V S E B S I F O P E T S B M G T U G P S B D I B J O  
 T U S V D U V S F X B T E F W F M P Q F E B O E B T F P \* O O I T P P V S B U G W I F B W E J F P X O T P G S  
 P G P V U T U B O E J O H J T T V F T U I S P V E H J O B " V H D P O E R V F T U J P O O B J S

OO U I F C B T J T P G U I F S F T Q P O D I E T P U G P B U E I W J T D F D P O S E P W R V E F F E J E Z  
 5 & ( \* 4 \$ O U I F \* - O Q S F Q B S F E B I D M P T U F S W I P U M S O F B M W D E S B S B U N D M E  
 B W B J M B C M F G P S D P N N F O U P O U I F \* F O U X F C P T O U B I J O ' E F S C S G B S X F  
 T P V H I U G S P N B M M D P V O U S J F T U D H H O H F S T X S U F B O T M U N F N E B S E Z U B B C  
 & Y Q F S U ( S P V Q P O \* O U F S O B U J P O B M S A D V P O P X N F J E D U B I O E E S P O U B M U  
 N F F U J O H J O " Q S J M B O E E J T D O J T M B B O B U O V N O F S T P G P B S 4 \$ O

XFSF QSPQPTFE 5IF \*-O UIFO QSFQUBVSSFIE XBI JHQB BMB E SCS EUT F Q\$UO  
 BT BO "OOFY UP UIF ESGU SFTPMVUJPO PG UIF 4FWFOUJFV QUBU \$O4H PBOE 4 \$OV FSS  
 UJPO PG ODDVQBUJPOT GPS DPOTJEPFS B BCPQ SB U UBIFJ TEFJDTJOF N  
 % FDFNCF S "U UIJT NFFUJOH UBIFT N \$B/MGM X VSNFC N \$ EFFGB B N  
 the amended classification structure was adopted as the International Standard Classification  
 PG ODDVQBUJPOT TFF \*-O

### 1.5 Scope of the updating work

5IF SFTPMVUJPO PG UIF 4FWFOUJFV QUBU \$O4H PBOE 4 \$OV FSS  
 JNQSPWFNF O U PG \*4\$O XJUI UIF R E S F D B J W D U B W N B D L M B H T B J  
 UJPO XIJDI DPVME CF VTFE CZ D F W C B U S J P O T D J O O U V F F C F Y B T S X F V M  
 JO OBUJPOBM FNQMPZNF O U TFSW D B E U T P B O T E P \* W I F S M D T M J F N O P P F \$ E I  
 MJNJUBUJPOT PO UIF OBUVSF BOEE CFY UNFCELF PCZ U OFF IS J Q V Z J T O J H P O U T I  
 y UIF CBTJD QSJODJQMFT BOE NBJCF T W S B D H V S F E V U \* U \$ B O U O F T W P S M I E  
 NPEJ m D B U J P O T B S F O F D F T T B S Z J F O O U T P N O M S H B U T P C C F M Q F S B F C  
 HBJOFE JO NBOZ DPVOUSJFT VTJEO HBT \* 4\$ O P O T E B V F O D D F M B G T E J F m V  
 NFOUT JO UIF XPSME PG XPSL PWFS UIF MBTU ZFBST y

8JUIJO UIF GSBNF XPSL PG UIJUF S N O D S F E M J S F T D J P S O D V M P L O B W J P  
 UIF 5 & ( \* 4 \$ O B O E U I F 6 / & Y Q F S U ( S F B V C O E P 4 O P D O B J M S O M B J T P O B N B  
 tions, that the nature of the structural and methodological changes that might be made to  
 \* 4 \$ O X P V M E C F M J N J U F E U P U I R F G P M M P X J O H T Q F D J m D U Z O

5IF DMBTTJmDBUJPO XBT UP CF S B W F J S X F M E B G S W N T J J F F Q B P O E  
 EJWFSTJUZ PG HSPVQT BU EJ F S F O U M S F W C M I T T C J W O C B F U J B P V C  
 circumstances, it would not be possible to impose strict guidelines on the size of groups.

ODDVQBUJPOT XJUI UIF TBNF KPC FDEPVDUBUJUP OC VSUF RXVJUSI FENJF O S F  
 JO EJ F S F O U D P V O U S J F T X F S F U P V C F W I W B T T F J m F N E J O C B U J O H O  
 OFFE GPS IQBSBMMFM HSPVQT w

5IF \*4\$O NBKPS HSPVQT XFSFF UPI BOAH FNEF S O MEZ JDF M  
 FYDFQUJPOBM DJSDVNTUBODFT \*O QPSPB DGVDIE BUNFOU BNM B M  
 DIBOHFE BMUIPVHI TPNF PDDVQBUJPOT XPSB ONP R W F F S E B G O S E P N P  
 UIF OBNFT PG TPNF NBKPS HSPVQT XFSF DIBOHFE UP JNQSI  
 5IFSF XBT B OFFE GPS NPSF DPNQS FMIPCHJ DV B M F O Y R U M F B O B U B P O S Z  
 UIPTF QSPWJEFE XJUI \*4\$O

Sub-major and minor groups should be split or merged only if there had been signi cant  
 HSPXUI PS EFDMJOF JO UIF OVNC FES P SP Q I Q S P C H S P V F O N T O M U P Z E F  
 MPXFS MFWFM XFSF TQMJU PS N F W H S E D P V O C B N U B O K P T S H S I P O W T  
 MBSHF OVNCFST UP BMMPX UIF QSPUEJVTUJ DPTO B GF NUFFBUOJN H  
 OVNCFS PG TVC NBKPS HSPVQT TIPHVSMPX C P U P E O F E D S I C P T V U E S B N  
 6OJU HSPVQT DPVME CF TQMJU PPSU FNEF SJHPF S F B R O D E U C P F X I  
 DVQBUJPOBM DIBOHF BOE OFXMZ J E D O W J M H E B M F T R P V J C S F N T O M  
 where necessary, to support aggregation of data according to a set of proposed thematic  
 WJFXT TFF TFDUJPO CFMPX

6OJU HSPVQT XFSF OPU UP CF S S F B N U F M M G P J S O P O D V D N V C O F B S U  
 PG XPSLFST PS UIBU FYJTUFE POMZ VJDI B P T N B M M U D P V O C F S  
 JODMVEFE BT QBSU PG B VOJU HSPVQ D O O B J B T O J O B H C M T B N I O N P  
 FMTXFISF DMBTTJmFEw DBUFHPSZ

5IF DPOUFOU PG SFTJEVBM OPU F O V T S X M S F X B M B B T J S I F E T V H S  
 HSPVQT XFSF VOBWPJEBCMF UIF N B J O U P D O V Q M B J T U P O E T E D T M B B  
 PG UIF EFmOJUJPO PG UIF HSPVQ BOE JO UIF JOEFY

\*O BEEJUJPO UP DIBOHFT PG UIJFJSTF UXZPQVAM EJ C FX BT OSFFDEPHU D J E F  
 de nitions of all groups in the classification that were new or modified, to update and refresh  
 UIF EFmOJUJPO PG UIPTF HSPVQITF U O E U F Y I P E G O P D V O I B B U O J H P O E U J  
 BOE UP QSPWJEFE DPSSFTQPOEFODFF W X B C F M O F T 4 T S I O X J O B I O W I F 4 S S F O M B U J

### 1.6 Definitions of groups

5 I F Q S P D F T T P G E F W F M P Q J O H U I I F F \* 4 \$ O J U U T U D S H V D P U S V S N F F \$ I F  
 B O V N C F S P G \* 4 \$ O V O J U H S P V Q T V O \* J O T H P S N F F V Q B T R F S F D P D N S O F M B R  
 5 I F S F X B T B M T P T U S V D U V S B M D I B V O C H M B W F U M F N J J O O P N S V E O E H T Q E U N  
 U J O H B O E N F S H J O H P G H S P V Q T B O E C N P S W J F R G O W I P O M B T U J H S B V Q  
 B O P U I F S 5 I F T F D I B O H F T D S F B U F S E P V Q F O P F C E F G E P F S W E M R Q B B J P O  
 P U I F S H S P V Q T U P C F S F W J F X F E U U P F N B U L I F T D V P S O F U E O R U Z P E G E F U R V B H U S

5 I F E F m O J U J P O T P G U I P T F H M S T P V O S T W J I F B X U F E X B S O F E O R U E B D I  
 B T U I F \* 4 \$ O E F m O J U J P O T X F S B E B M N P O U T J H O Z F R S B B O R U M E I B B O  
 C P U I U F D I O P M P H Z B O E U I F P S H B O J B B U P P O C P G O X D P S L U U F B T M L B U X J U

" U J U T N F F U J O H J O " Q S J M P G U Q S J S O ( J O M S O B I R S F E E W P F O M B  
 V Q E B U J O H E F m O J U J P O T P G \* 4 \$ O S D B E U F U H I B S J B T F P O F C S B S U M D T U N S  
 P G U I F E F m O J U J P O T T I P V M E C F T N N J O M S P S M P N U I B U S V T F O F J O F S U S F O  
 J E F O U J m F E X J U I U I F T U S V D U V S F B O B M D V P E O J O H O U I P G G P M S O P X J O  
 / P U F T G P P U O P U F T B O E S F G F S F O X F \$ F U V T E E F U I F F M Y O Q M B B O T U  
 C P V O E B S J F T B O E E J F S F O D F T C F U X U F O P R U F I F E S M O B U U F H P O S T F T  
 were not capable of standing on their own.

4 P N F E F m O J U J P O T P G V O J U H S P V Q T J F O Y D A S D J W F M B X P S O ( S S P F V  
 search and theoretical work, with insu cient reference to practical tasks.

5 I F S F X B T S F Q F U J U J P O J O N B O Z E B E H O F J E U J N R O U U M G F T J J O N J U M B S X  
 P G E F T D S J Q U J W F J O G P S N B U J P O L B Z O E J N F B S E F O D J R U T E C J F U D X V M O  
 groups.

5 I F S F X B T B M B D L P G D M B S J U Z B E S F U N K B F O W I F U S P U D F B S B D U F T S W E J  
 the main tasks typically performed in an occupational group, or whether all tasks were  
 to be performed in all jobs classi ed in the group.

5 I F \* - O X P S L F E D M P T F M Z X J U I B R W F \* M S O W O N U C P F S E T B U F O E F R M  
 O J U J P O T P G B M M \* 4 \$ O D M B T O J M T D B O M P F O B B H O H J R S J P O T T B O D B I  
 J O S F D F O U M Z S F W J T F E O B U J P O E B M T P T P V S D B U N E P U O F S D J M N T T 5 J I R  
 P G T J O H M F T P V S D F N B U F S J B M X B T E B S M P B I E F O B O F E S F D V S P S T O D I T F T D I C  
 U P B W P J E U I F S J T L P G Q S P E V D X O B S E F F U D P S T J F O W P R V O T U S U I F B U X X B S  
 N P T U E F W F M P Q F E P D D V Q B U J P O B M J O G P S N B U J P O T Z T U F N T

% S B G U E F m O J U J P O T P G B M M H O S U P F V S O T F U X F G S P F S - N D B P E N F N B W U B J M O B E  
 ticularly by countries that were in the process of updating national classi cations to facilitate  
 D P N Q B S B C J M J U Z X J U I \* 4 \$ O 5 U I F D P O P S M V O B U J U Z O P Q S R O S P  
 C P U I U I F R V B M J U Z B O E D M B S J U Z P G U I F E F m O J U J P O T

### 1.7 Index of occupational titles

5 I F F O U S J F T I n d e x o f o c c u p a t i o n a l t i t l e s 7 P M V N F J O D M V E F B U F Y U E  
 U J P O G P S B X J E F S W B S J F U Z P G U U B F O S N T Q P F E J C M F E F O D U S I F C D M  
 D B U J P O T U S V D U V S F \* U Q S P W J E F T V T B F N B U C E F U D S I O F i S K F P B C M B O S E N  
 G P S N B M M Z O B N F E U J U M F T P G H S F V O T V S E F F m O F N E J M O B S J I F O E M Y B F T T J h S D  
 J O O B U J P O B M T F U U J O H T B T U P P S M T O U P P O B F T T J U H P O R D M B U T J P O D B U J P  
 P O P D D V Q B U J P O J O T U B U J T U J D T B M \* B O J E T B I E N Q J O S J U T B U S U B U W P V F O P  
 O B U J P O B M J O E F Y F T P G P D D V Q B U O P O F T O P O E F U L P P C R V F C T B U T P O T  
 E B U B D P M M F D U J P O T J O U I F O B U J P O B M D P O U F Y U

\* O D P O T J E F S J O H S F R V J S F N F O U T P O B S M B L O J U M O E B U F B F J G R F Y \* #  
 D P O D M V E F E U I B U U I F N B J O Q V S Q P J O F E T F Y B O X E S M J U I F M Z P V M M T P X P J  
 U P D M B S J G Z U I F P D D V Q B U J P O B M D P O U F O U P G F B D I \* 4 \$ O  
 to help users of ISCO to nd particular categories in the classi cation and determine  
 X I F S F Q B S U J D V M B S P D D V Q B U J P O T B S F D M B T T J m F E

UP BTTJTU JO VOEFSTUBOEJOHJOIPMSIFMBOLEJROFTXIJWF\$FJ  
 PG UIF DMBTTJmDBUJPO  
 UP TFSWF BT B NPEFM GPS BVOFEMBONUFBU -FBG TOUBBUSJPOBM  
 EYFT PG PDDVQBUJPOT GPS OBUJPOBM DMBTTJmDBUJPO  
 to be used directly to assign responses in statistical collections to ISCO in situations  
 XIFSF OP OBUJPOBM JOEYF FYJTUF UBPOE FXWFSM PDPBOOSJUFJTP  
 JOEYF JO BEWBODF PG EBUB QSPDFTTJOH

5IF \*4\$O JOEYF EJE OPU GNVMSZPTGV QDPTROUUIF TPFS VFTYFTN Q  
 NBOZ DPNNPOMZ VTFE PDDVQBUJEFCYBMS IUFJU MOF TB HES EFO PXJUB  
 UIF 5&( \*4\$O PO B QSPDFTT UP BEEBROTJUEIF YFGD\$O\*DFSSOT BC  
 VTJOH UIF \*4\$O JOEYF BT B TUB SVTJFEHJOPBOSJUBOM ESBXBOH  
 JOEYFT PG PDDVQBUJPOT &BDI TF OXFSVMZMJBDMMEFN PBTUU BYQU SEFO  
 \*4\$O BOE \*4\$O DPEFT 5IF FOUSOFT B\$O EFSYHBJJAE LFTZ  
 XPSET BQQFBSJOH mSTU BMMPXJDM RZBJMJGZJOS VJDOUGVPSSFNEB NBR  
 when occupation titles alone relate to more than one ISCO unit group.

5IF \*4\$O of occupational titlesT QVCMJTIFE BT \*4\$O - 7PMVNF  
 JDBM PSEFS BOE JO DPEF PSEFS BZSCFCPPUCIUB4\$OEJCBMFA\$  
 GPSN PO UIF \*4\$O XFCTJUF IUUQFBVX XBJUMPTD\$PHJQFCM JDNFOPH  
 TFOEJOH BO FNBJM UP \*4\$O!JMQPBOH JOUUNFBZFCVFWFNF  
 OBUJPOBM DPEJOH JOEYFT XJUIPVU CSFBDI PG \*-O DPQZSJHI

---

"T UIFSFS BSF XJEF WBSJBUJPOT JDUJPOBVM BUHFS BDEPMPBHQJOHWFQ RFDXDFO  
 UIBU TQFBL UIF TBNF MBOHVBFH PVOUJSTJFTU EPOHMPQS RDBRNROEMFBOLEIFBYFTDCB  
 UIBU BSF BDUVBMMZ HJWFO PS UFSFRMFLBMPZOUPPOF PHJDWFOOB UJPO OS FJTO RUCFFO



## 2. CONCEPTUAL FRAMEWORK, DESIGN, STRUCTURE AND CONTENT OF ISCO-08

### 2.1 Underlying concepts

5 IF GSBNFXPSL BOE UIF DPODFQUTU V D N I V S Z J W O O D J I B H \* F 4 \$ O S P  
 UIPTF VTFF JO \* 4 \$ O 5 IF EFmO J F U J P V O C T E B G F U E I F B O E D P H O D I E O W T  
 GPS UIFJS BQQMJDBUJPO UP UFFO ETRUTSJFHOO U P I G O U E F B O M B D T M B S  
 XIFS OFDFTTBSZ UP BEESFTT EFmDJFODJFT JO \* 4 \$ O

5 IF GSBNFXPSL VTFF GPS UIF EFTJHTOC B O E E D P O T W S V D N U B J P O O  
 DPODFQUT Ujob and the concept of

job JT EFmOFE JO \* 4 \$ O BT iB TFUP \$ GN B B O I W T L B P O E C I E V O J F I S T  
 GPSNFE CZ POF QFSTPO JODM WEPJZNF OGURs BO FNQMPZFS P

OccupationS FGFST UP UIF LJOE PG XPSL OccupationS NFE JO B K  
 EFmOFE BT B iTFU PG KPCT XIPTF UNFSJQFBOTZ TB B I O E I E V U H S F B E  
 TJNJMBSJUZW " QFSTPO NBZ C V H B T U I F D N B W O E K P C J U D I V S S F P U D  
 IFME B TFDPOE KPC B GVUVSF KPC PS B KPC QSFWJPTMZ I

Skill JT EFmOFE BT UIF BCJMJUZ UPBDB \$ W F O P V K L P Q I F P U S B T U L I F B O V  
 QPTFT PG \* 4 \$ O UXP EJNFOTJPDIV Q B U T J P J O M T M J B S P M S P V Q U T P B  
 are skill levels and skill specialization.

Skill level JT EFmOFE BT B GVODUJPO PG UOE E R V N Q M T F Y U R J Z C I B O E F S B O  
 GPSNFE JO BO PDDVQBUJPO 4 L J C N I M D P O F T W E M S J O H N P O F V B S E N P O

the nature of the work performed in an occupation in relation to the characteristic tasks

BOE EVUJFT EFmOFE GPS FBDI \* 4 \$ O TLJMM MFWFM

UIF MFWFM PG GPSNBM FEVDBUJPO B N I F M U B F O E B S E U S M N B T T P J G M D

UJPO PG & EVDBUJPO \* 4 \$ & % 6 / & O S I O Q F S G P S S I B P O D J F S F E

PG UIF UBTLT BOE EVUJFT JOWPMWFE BOE

UIF BNPVOU PG JOGPSNBM PO UIF SKIP O D F S B O O B O S H E N O B F R E S P O

DVQBUJPO SFRVJSFE GPS DPNQFUEVQUUFQ F S G P S N B O D F P G

5 IF DPODFQU PG TLJMM MFWK P I S I H S P V O Q M M I F W F M B J P O G M O I B U D M  
 UJPO HJWJOH NPSF FNQIBTJT UPTV ISFF T m S T U U F P G B U I V S I F P O G F S B B  
 QFSGPSNFE UIBO UP UIF GPSNB M H B S F E R V O S G P N S F N O B U M F E V D B U J

# FBSJOH JO NJOE UIF JOUFS OBBUJPO B M P O M B Z S B G D P U V F S S O S P I E  
 MFWFMT BSF EFmOFE " T B S F O V M S O F J H D O O R J B J O I P D U D F V O Q B N U J  
 POMZ BU POF PG GPVS TLJMM MFWFM S P G P S T E P B N O M T F J O \* D 4 \$ O E F E  
 PDDVQBUJPOT BU UIF IJHIFTU H S S O Q T L Q M M P X M U F I W F M B K P 4 S L J H S  
 MFWFM DPOUBJO PDDVQBUJPOT BU POMZ POF TLJMM MFWFM

Skill specialization JT DPOTJEFSFE JO UFSNT PG GPVS DPODFQUT

UIF mFME PG LOPXMEHF SFRVJSFE

UIF UPPMT BOE NBDIJOF SZ VTFF

UIF NBUFSJBMT XPSLFE PO PS XJUI BOE

UIF LJOET PG HPPET BOE TFSWJDFT QSPEVDFE

8 JUIJO FBDI NBKPS HSPVQ PDDVQBUJPO T N B O P S S H S P V O H O E  
 sub-major groups, primarily on the basis of aspects of skill specialization. In the case of  
 \* 4 \$ O . B K P S ( S P V O . B O B H F S T T B O E D V O B B S P O S P V U Q F  
 DPODFQU PG TLJMM MFWFM J S D B I O O B M J F M F O S J N B S J M Z B U U I

2.2 Definitions of the four ISCO skill levels

% F m O J U J P O T P G F B D I P G U I F V G J P E V F S E \* C 4 \$ S M P X ... EP O P U D I B O H F U I F C P V O E B S J F T ... U I F T F C P V O E B S J F T B O E U P E F B M X M U I S ... N P T U T V J U B C M F N F U I P E P G N F B T ... Q S P W J E F T F Y B N Q M F T P G

U I F U Z Q J D B M P S D I B S B D U F S J T U J F D M U B T L T Q F S G P S N F E B U F B ... U I F U Z Q F T P G T L J M M S F R V J S F E J O C S P B E U F S N T B O E ... U I F U Z Q J D B M P D D V Q B U J P O T D M B T T J m F E B U U I B U T L J M M M

O D D V Q B U J P O T B U 4 L J M M - ... Q I Z T J D B M P S N B O V B M U B T L T 5 I F Z ... T J N Q M F F M F D U S J D B M F R V J Q N F O U ... E J H H J O H M J G U J O H B O E D B S S Z ... T P N F U J N F T J O U I F D P O U F Y U P G ... Q J D L J O H G S V J U B O E W F H F U B C M F T

. B O Z P D D V Q B U J P O T B U 4 L J M M U I F B A O F E M P S ... T P N F K P C T C B T J D T L J M M T J O M J U F S ... not be a major part of the work.

' P S D P N Q F U F O U Q F S G P S N B O D F ... F E V D B U J P O P S U I F m S T U T U B H F ... Q F S J P E P G P O U I F K P C U S B J O J O H N B Z C F S F R V J S F E G P S T P N F

O D D V Q B U J P O T D M B T T J m F E B U ... labourers and kitchen assistants.

O D D V Q B U J P O T B U 4 L J M M - ... N B D I J O F S Z B O E F M F D U S P O J D ... B O E N F D I B O J D B M F R V J Q N F O U ...

' P S B M N P T U B M M P D D V Q B ... instructions, to make written records of work completed, and to accurately perform simple ... P D D V Q B U J P O T U I F T F T L J M M T ... T L J M M M F W F M S F R V J S F B I J H I M F W F M P G N B O V B M E F Y U F S

5 I F L O P X M F E H F B O E T L J M M T S F R V J S F E D V G O P S U D P O T Q F B U F Q U L J ... - F W F M B S F H F O F S B M M Z P C U B J O U F E H ... \* 4 \$ & % - F W F M 4 P N F P D D V Q B U J P O T T F ... P O E B S Z F E V D B U J P O \* 4 \$ & % - F W F M O U D R N J O P O N F B Z J P G D M O V E D J J ... J [ F E W P D B U J P O B M F E V D B U J P O B O E J P O T U S F R K V J S F U S B P N O J M H U J J P ... W P D B U J P O T Q F D J m D F E V D B U J P O V C E B F S S Z U B E V O B B U G U P O S D A N Q M F U ... - F W F M \* O T P N F D B T F T F Y Q F S J F O D F U B J Q E V U P O G P F S K U P I C F U G S F E ... education.

O D D V Q B U J P O T D M B T T J m F E B U E 4 S L J M M F N S T - F T W F D S F U B J S O J F M V B D ... clerks, sewing machinists, dressmakers, sales assistants, police officers, hairdressers, ... C V J M E J O H F M F D U S J D J B O T B O E N P U P S W F I J D M F N F D I B O J D T

ODDVQBUIJPOT BU 4LJMM - FVDFMPG DPNDMBFM MLZF DQWJDN  
 QSDUJDBM UBTLT UIBU SFRVJS FO BDB MY WFOET JNSP DCFEEVZS PNI GBDY  
 JO B TQFDJBMJ[FE mFME & YBNCE M FT OPTGV ST QCFHD JmPDN QN J B D DC  
 IFBMUI TBGFUZ BOE SFMBUFE SFBVMTB DGP QV B OUSJFUBS J J B E E D W  
 NBUFSJBMT BOE MBCPVS SFRVJHS FEVQPSWTJQFDH mDPQS B R NI MU  
 TDIFEVMJOH UIF BDUJWJUJFT POGJ DBUM FGSV X D S L F STT J OB CT V QO F  
 professionals.

ODDVQBUIJPOT BU UIJT TLJMMF M FNGF M JH F S B S E Z MBVZE SOFVNJSE  
 XFMM EFWFMPQFE JOUFSQFSTPO B B Z DJPONDNW DEJ D BUJ J P B CT IMJ  
 VOEFSTUBOE DPNQMFY XSJUUF O EN DBUNFNS V B MD B WFS WCF S S B MGVZD  
 di cult circumstances.

5IF LOPXMFEHF BOE TLJMMT SFRVJ SPDED VGBUDPNQFBUF OJL J  
 -FWFM BSF VTVBMMZ PCUBJOFEF B V DUBIJ PS B WMJO P G J U W E Z O  
 QFSJPE PG o ZFBST GPMMPXJOH D P M S N % U J P O - P W FTM D P O E S  
 TPNF DBTFT FYUFOTJWF SFMFWB OUI FX R S IC FUSCBEJ SJJFOHD FN EBZO E V O  
 tute for the formal education.

ODDVQBUIJPOT DMBTTJmFE BUT 4 LNJVM MD B MW MAB CP S B D RSVZE FU F  
 DJBOT MFHBM TFD SFUBS JFT DHPONFUSJDDJ ENM ET D B M IT SSBFC S FHSBQ  
 computer support technicians, and broadcasting and recording technicians.

ODDVQBUIJPOT BU 4LJMM - FVDFM PGUZDTIDTB MNBZJ SFWPJNSW F  
 QMFY QSPCMFN TPMWJOH EFDJ TJOP OF YNUELOJTOHW B OCEP DZ FPBGJ JWB B D S F  
 BOE GBDUVBM LOPXMFEHF JO BET QZFDJDBNMJM E EJ QDFMVEE F BICF  
 BOE SFTFBSDI UP FYUFOE UIF C RMEBZS PmGF M E N E O B H O P XJM F E  
 treatment of disease, imparting knowledge to others, and design of structures or machinery  
 and of processes for construction and production.

ODDVQBUIJPOT BU UIJT TLJMM M W M M W F M G H M D U F S S B M D M Z B S E R O  
 TPNFUJNFT BU B WFSZ IJHI MFWFM O B D E U E Y W F M M M M M T J O S J F F S T O F F  
 VTVBMMZ JODMVEF UIF BCJMJUZ J B P M V B B E S D B B O E O D J P N B W M F D Y P N S J  
 ideas in media such as books, images, performances, reports and oral presentations.

5IF LOPXMFEHF BOE TLJMMT SFRVJ SPDED VGBUDPNQFBUF OJL J  
 -FWFM BSF VTVBMMZ PCUBJOFEF B V DUBIJ SPFOTB/MI UJ P G J U W E Z O  
 QFSJPE PG o ZFBST MFBEJOH UH F I S I R V B X N B S H D P B C J J P O n S T W S R P H  
 -FWFM B PS IJHIFS \* O TPNFUDFB K P C FUSB B O J O W FN B Z Q F V  
 TUJUUVUF GPS UIF GPSNBM FEVDB WJ R J O P G P S S N B B M E E V S B R U V J P S O F E  
 NBOZ DBTFT BQQSPQSJBUF GPSNBRM JRSVBNM O M DGBUSJ PFOOTU SBZS FU FB O  
 occupation.

ODDVQBUIJPOT DMBTTJmFE BULFAUJDM MN B D W H M S T J D D M M M  
 neers, secondary school teachers, medical practitioners, musicians, operating theatre nurses  
 and computer systems analysts.

**2.3 Application of the four skill levels to the ISCO-08 major groups**

5IF SFMBUIJPOTIJQ CFUXFFO UIFI FG P V S T L4JSM M M N W K F M S T H  
 NBSJ[FE JO UBCMF 8JUIJO .BKP SK R S P(VSQ V O P D D)YRQBQJUPDNM J W O  
 3FUBJM BOE OUIFS 4FSWJDFT IBSO P H D S Y Q B B S P O B U J O 4 L B K P N  
 (SPVQ BSF BU 4LJMM -FWFM T8 JUDI D O Q B B U J P S O T( S F B O I P G" S U J  
 UISFF TVC NBKPS HSPVQT JT BU B EJ FSFOU TLJMM MFWFM



Table 1. Mapping of ISCO-08 major groups to skill levels

ISCO-08 major groups	Skill level
. B O B H F S T	
2 Professionals	
5 F D I O J D J B O T B O E " T T P D J B U F 1 S P G F T T J P O B M T	
\$ M F S J D B M 4 V Q Q P S U 8 P S L F S T	
4 F S W J D F T B O E 4 B M F T 8 P S L F S T	
4 L J M M F E " H S J D V M U V S B M ' P S F T U S Z B O E ' J T I F S Z 8 P S L F S T	
\$ S B G U B O E 3 F M B U F E 5 S B E F T 8 P S L F S T	
1 M B O U B O E . B D I J O F O Q F S B U P S T B O E " T T F N C M F S T	
9 Elementary Occupations	1
" S N F E ' P S D F T O D D V Q B U J P O T	

\* O U I P T F D B T F T X I F S F G P S N B M U F E V \$ B W J T P F C E B O E Q U B S S J J O P  
 N F B T V S F N F O U P G U I F T L J M M M F W F M P S G F B E F m P O D F E V Q B U U P O  
 \* 4 \$ & % " N B Q Q J O H C F U X F F O \* 4 \$ D B U T J L P O M M O M \* F 4 W \$ & % T B O E M \$ R  
 W J E F E J O U B C M F

Table 2. Mapping of the four ISCO-08 skill levels to ISCED-97 levels of education †

ISCO-08 skill level	ISCED-97 groups
	4 F D P O E T U B H F P G U F S U J B S Z F E V D B S D R O R V M M B I G J J O H B W J P P O O E B ' J S T U T U B H F P G U F S U J B S Z F E V D B U J P O T U E F H S F F N F E J V N C ' J S T U T U B H F P G U F S U J B S Z F E V D B U J P O T I P S U P S N F E J V N
2	1 P T U T F D P O E B S Z O P O U F S U J B S Z F E V D B U J P O 6 Q Q F S T F D P O E B S Z M F W F M P G F E V D B U J P O - P X F S T F D P O E B S Z M F W F M P G F E V D B U J P O
1	1 S J N B S Z M F W F M P G F E V D B U J P O

5 I F V T F P G \* 4 \$ & % D B U F H P S J F L T J M M B M F W F M J O E P F F n O O O H U N  
 U I F T L J M M T O F D F T T B S Z U P Q F S G K S P N C W I B O U B F L B D B O V B S E V E U P O T M P G U E  
 G P S N B M F E V D B U J P O 5 I F T L J M M T S N P B / Z H I C B O B R S E N B M U F U S B B J S O F J O B I  
 F Y Q F S J F O D F \* O B E E J U J P O J U T I P M O M E 4 \$ O F N Q I T B T P J Q F B I E U I B W J N  
 S F R V J S F E U P D B S S Z P V U U I F U B T I O T E B O O P E U E P V Q J X I T F U P I G S B B R D S L V F C  
 employed in a particular occupation is more or less skilled than another worker in the same  
 occupation.

' P S N B M F E V D B U J P O B O E U S B E J O D J P O N H Q P S O F F R O W J S P I G N B O F U N F B S I  
 V S F N F O U P G T L J M M M F W F M B O E U T J N Q M S U B O U T F E F F C U F B S T N J O B E  
 T L J M M M F W F M J T U I F O B U V S F S P O D W I Q F B W J E P T O L T I O Q S S M B S J N P F C E  
 D I B S B D U F S J T U J D U B T L T E F m O F H E U G I P S F F B B T L T L J I N X F W M F S W F J M T  
 C F O P U F E U I B U U I F M F W F M P G F H O O B S T Q F D U J M D M U P B I R Q T B F S U J D M N  
 Q B U J P O B M H S P V Q B O E B S F S F R V D S O E U M G Z S C I N U B X O Z F O P R C T D V M Q B Z  
 E V F U P U I F O B U V S F P G U I F K P C U J M V S F T F Y D B M B O T M B m B O T B V U S B A C L D M I  
 N B Z S F R V J S F B I J H I F S M F W F M P G T J O U B S Q T F P S G T P X B S M F E F M N F W O P J O B E  
 4 L J M M - F W F M N B J O M Z E V F U F S G P J S N F S E O D F T J O O B U V S F P

4 J O D F U I F F O U J U Z D M B T T J m F P E M E T T W I I F K P C O B U J T U I G P O F S F  
 U P D P O T J E F S U I F T L J M M T P S R S V E B F S J h P B D U M B O T T J G F Z M E I F C Z K R U G F  
 O F D F T T B S Z G P S B Q F S T P O U P I P M V E F N V B O M J P n S E B F U S J P G O P T S B U I I B J O B K  
 D M B T T J m F E B U B Q B S U J D V M B S \* 4 \$ O B Q F T S L T J M O M X M F W F M F N S O I M P Z  
 B K P C U I B U S F R V J S S F T U I F Q F S S P T S I R B M D F C I P O M U B F T J n B F E L T J O P  
 ( S P V Q # S J D L M B Z F S T B O E 3 F M L B W O F F E S B P S L I F F S M E T X I G F U S N S B N P S R O  
 m D B U J P O T B T B C S J D L M B Z F S P B S Z F J S T B J N P M B S M C Z B E B P C S F S D F E C

† U U I F U J N F P G Q V C M J D B U J P O P G J \* 4 \$ & % F S T U N P B Z E C J R B D J P N I C F M S F U W E T J O O  
 X P V M E O P U J N Q M Z B O Z D I B O H F J O W I N M C P M O E V B S M F T O F B X F F O \* 4 \$ M O M Q S T R W J  
 B C P V U U I F S F M B U J P O T I J Q C F U X F F O O B O E Z \* O \$ O \* 4 \$ & % M M F W F M F M F M P G F E V D B U

JT FNQMPZFE JO B KPC UIBU SFRVJBS WVF WFISJ QBFSSJGROS NIBOV DM  
 DMBTTJmFE JO 6OJU (SPVQ UJF QFSSJTOPBS J B WTE T XG P S NFBMP R V  
 mDBUJPOT BT B WFUFSJOBSJBO PIST JT DPNQFUFUO UP QFSGPSN  
 'JOBMMZ JU TIPVME CF OPUFE B OBUJ JHE O P ODPFOUW EFFS JTO  
 MFWFM PG TLJMM SFRVJSFE G P S R D V B S E Y U F P S U F N O F K S P G C P T S N O D  
 B QBSUJJDVMBS PDDVQBUJPOBM HS D V O Q B B N P O J T O E D J W B E V T B M F E F  
 QBSUJJDVMBS TLJMM MFWFM N J B M U T I F S S F I G P M F W O P M T P G T T L J H M  
 GPS NPSF TFOJPS KPCT JO B QBSUJFSD WMBOS P IDBUV S B B V P S F N B Z P S  
 occupation as a whole.

**2.4 Occupations for which formal education requirements differ between countries**

" QBSUJJDVMBSMZ TJHOJmDBODPDI B O H P G U T I E J B M Q M M J D W U  
 EFTJHO PG \*4\$O S F n F D U T U O F W R N W C F D U Q M F O F U S I G P S N B O  
 UIF TBNF UBTLT TIPVME BMXBZFO CJFG DJMFB TPTJsnNBEM JFCE VUDIFU J  
 RVBMJmDBUJPOT SFRVJSFE PS IFM E U N I B S Z E J F S G S P N P O F D P V O

" NBKPS QSPCMFN JEFUJmFE D V Q V T U F J S P T O P G U \* B U S O S F R V S I S M B U  
 QFSGPSNBODF PG TJNJMBS UBTLE JB O S F E O W J A T H I F S S O P S O M I P O X F S C  
 MFWFM SFRVJSFNFOU BT NFBTVS G E S J N O B N O B F S E W J D D B U M B O B M P R O B S A  
 UJPOT 5IJT JT CFDBVTF HJWFOTZJTFISN O D F U I B O T B N I J P O D E M Q F E  
 SFRVJSJOH QFSGPSNBODF PG CSPBFETM D B U O F C T F B N F O E T F S U I B G F L O B T C L Z  
 EJWJEVBMT XJUI EJ FSFOU MFWFM I U J O G G P I S N B A W F N I V D B U T I P J O M M X  
 for competent performance of the tasks.

5IF \*4\$O HVJEFMJOFT SFDPNHIFCSEPS MIBXUF S D T D V M B U J S F F O R M  
 NFOUT JO UIF OBUJPOBM DPOUFYQJF DMBBOT UJ J N F I E B J P T J H O F N E B K O S \*  
 DPSSFTQPOEJOH UP UIF TLJMM M F W F M I F U D B U W O X B S Z S E R O D S F I S E O F G P  
 approach tended to reduce international comparability, as occupations with similar content in  
 UFSNT PG UIF UBTLT QFSGPSNFE X N F S K P I S M H S T P V O N T F E E F J O F O E J F O S H F  
 UIF DPVOUSZ 5IJT XBT QBSUJJD V M J O S M S Q U S I F F U I D B T O F S X N I B O J T M L Z J M O  
 PG UIF MFWFM PG G P S N B M F E V D U B U J P O P O M B O P E O W F S Y B J O J O H S F R V

5XP PG UIF NPTU PCWJPTV DB T S D X I F S F M B U I F E X B P B I O S U P S C F M  
 ment of nurses and primary and pre-primary school teachers some countries, nurses and  
 UFBDFST SFRVJSF B VOJWFSTJU ZUEF HUS RUI FX UJMIIF J Q S P O U I F S X B U  
 BEPQFE UIJT TJUVBUJPO XBT S F J P R O M W F I E O B S B T M M H F O W C N H J Q R B T I  
 JO .BKPS (SPVQT BOE 5 I F T F T P E D B W Q U F S O B O B W F M S P W O B  
 DPVOUSJFT XFSF UP DMBTTJGZ O M . N K O S B O S I P S O B O P E S B J N O M . B K V P S  
 (SPVQ FYDFQU JO DBTFT XIFS O W I I F S O P X V F O U F S S F B O M U E I F F U S B F T O L D  
 EVUJFT QFSGPSNFE (JWFO UIBU \* B O O O V S F F T D S X I F O S U F J P O E F O C U P J S D  
 in both major groups, it is understandable that a number of countries made the distinction  
 CFUXFFO QSPGFTTJPOBM BOE B T O P D J J T B U P G C U S I P G F F E V D B O B M O X M  
 PG UIF KPC IPMEFS PS PG UI O U Z I O J D D B W O U F S E Z D B O E P O P M I  
 basis of the tasks and duties actually performed.

'PS \*4\$O UIJT QSPCMFN JTUBEESFTTUFETCZ B D V E J O N U K I F O  
 PSJUZ PWFS OBUJPOBM FEVD BUJ P O S B O E S O S B J P O D J O W H O B E R F O S T F N F  
 JOWPMWF UIF QFSGPSNBODF PG C S P B F E T M B S U F I F B M X Z T T O M T B T P T G R O  
 UIF TBNF DBUFHPSZ JO \*4\$O M W N F O W J F O M D S B F T R F V T J S A N S O U O T B N F B  
 JO UFSNT PG G P S N B M F E V D B U J P O T B X S I M N I J M F S B O U U P \* B O J T J N I O S P W  
 in international comparability.

" TFU PG QSJODJQMFT BOE H D J I E F M X O B F U X I B J T M E M V M F M P P O M E T U  
 BTTJHOFE UP PDDVQBUJPOT XIFO F E V D B U F S P O N E P O E H U D S P V J O U W S O J F T S

\*U NBZ CF BTTVNFE OFWFSUIFMFYQFSJIBQD N P S J O E J J A M I M E Z B R W B M J J H F I E O S S G P S  
 UBTLT XJUI B IJHIFS MFWFM PG D V P N O J F M F O D F U I B O U I P T F X I P B S F M F T T

5 I F T F Q S J O D J Q M F T B S F P V i u l t i m e r O f p r e c e d e n t e R e l i n g B t o d e - X F S F B Q Q M J  
 U F S N J O F X I F S F J O U I F \* 4 \$ O T D U S B V T D U V S F E D F S U B J O P D D V O  
 B 5 I F D P N Q M F Y J U Z B O E S B O H O F U P I G R D D V O B T U P O B X E T E D V R  
 T J E F S F E J O S F M B U J P O U P U I F O E S N O J D U W J M P O S T S G F S F S F O D F T U  
 D I B S B D U F S J T U J D U B T L T B O E E W U J J F T B T T P D J B U F E X J U I F B I  
 C 8 I F S F U I F G P S N B M F E V D B U J P O M S E R V J S N B M O W - T O X I N S C F F \$ J P I G S E D  
 U S J F T U I F T L J M M M F W F M X B T S E I N U F O S U N T J O F E U P O Q Q M F J E B T J O T B P  
 majority of countries.

D 8 I F S F D P O T J E F S B U J P O P G B B J O T E J J C H V B I C P M O H X C B F T U X D E D O  
 - F W F M T B O E P D D V Q B U J P O T P U N I C M F S B R O J S G E U I B O m \$ P W F T U  
 P G T F D P O E B S Z F E V D B U J P O \* 4 \$ & % F T D F P W I O M F U J E P O E P G O Q B W I N E  
 F E V D B U J P O P O M Z \* 4 \$ & % - F W F M 5 K J F T S B O M S P T B T D m X B T B W B A L L E  
 because, in many highly industrialized countries, completion of the first stage of secondary  
 F E V D B U J P O J T N P S F P S M F T T V O F W X F I S T B B W F \* O P T U V D P N O J S I B M F I  
 U I F m S T U T U B H F P G T F D P O E B S Z F E W D P B Z U N J P O U N J O Z F O A P U O C U I B O N A  
 unskilled of jobs.

E 8 I F S F D P O T J E F S B U J P O P G B J W F C U B I O E T J D V B I C P A O F U K I E B T U J O S  
 J O J O E V T U S J B M J [ F E D P V O U S J F T X B O J M I M O I M S F B W M F M Z P V G T F B E O U P P D E V  
 but only where there was a consistent approach across a clear majority of these countries.  
 ' P S F Y B N Q M F J G B E F H S F F X B T O S G F R S V M S F T E T G J A B O F O B U N S Q R Q  
 D P V O U S J F T U I B U B S F N F N C F S T P G R Q F S O S H B O J B O E J J O W G F M S P Q  
 N F O U O & \$ % C V U B U X P Z F B S E D O M O U N S J F X T B T U S I F O V J S F N E  
 I B W F C F F O B Q Q S P O S J B U F U P B T T J H O I E I F J P F D P V G O B D V P O W S W F T 4  
 well as the number of countries was also taken into consideration in making judgements  
 P G U I J T U Z Q F 5 I F S F B T P O G P S B E P O S F O W B J U M J T O B O Q J S P B B U J X  
 J O E V T U S J B M J [ F E D P V O U S J F T X B P N D P O I T F J E O F S F E M O J L F U M I Z  
 D P V O U S J F T . P S F P W F S U I F I J H I E U S M I F V B F S M F R P V G S R W B O W n G  
 many occupational migration purposes.

**2.5 Classification structure and code scheme**

\* 4 \$ O J T E F T J H O F E T P U I B U O P F D P V Q B U J J O T U B B S P V S T B O H F  
 N P T U E F U B J M F E M F W F M P G U I E F F E D M B B T U J B N D M U K I P O T I J F O S B J S D I X  
 be assigned to one (and only one) of these unit groups. In general, each unit group is made  
 V O P G T F W F S B M I P D D V Q B U J P O T U W Z U I O B W F I S W T F B G I T H J M E M H N S  
 skill specialization. Unit groups are in turn arranged into minor groups, minor groups into  
 T V C N B K P S H S P V Q T B O E T V C N B K P S O H S I P F V O P O J O D U O U N B C P T S L J H S M V  
 B O E P O T V D D F T T J W F M Z C S P B E F S N O T O C M F J D D J B U M J P C B T U J P P G O U I F D P O D

" M M C V U U X P P G U I F \* 4 \$ O N B K P S O H M S Z P V O O T F D P R G O W B E J O G P P  
 \* 4 \$ O T L J M M M F W F M T " M M B G J B O F T B V U C P N O B N K Z S P O H S P T V L Q T M  
 5 I J T N F B O T U I B U E B U B D M B T T J m F M F B W F M V E G N B K B S N J O B P  
 B H H S F H B U F E C Z T L J M M M F W F M D S O B W Z O H G U I E S F F T F J S F I C N B I K I P S J H  
 J O . B K P S ( S P V Q " S N F E ' P S D F T O D D V F O S B T U J J O P D O P S N D J A T N N B O T F J E  
 P D F S T B O E I P U I F S S B O L T W B O E C Z ( S S V O H J O H O B B S V O B W P P O I T B U  
 B M M P D D V Q B U J P O T O P U B U 4 L H N M V Q F V B R U M 4 L J B S M J O W E F M J O H  
 E F Q B S U V S F G S P N \* 4 \$ O J O X I J D I P B D T V M O B W P B O T 4 D O J E P K S P S ( D S J P  
 B O E . B O B H F S T B O E . B K P S ( S P V Q E S B N F E L J M S M D M T F V X F F S F O P U I

- P P L J O H B U U I F I J F S B S D I J D B M P Q U E S P V X O V S F B D P I G P \* 4 \$ O F U F O S N B F  
 groups is made up of two or more sub-major groups, which in turn are made up of one or more  
 N J O P S H S P V Q T & B D I P G U I F N J O N P S S F S P O Q Q H T S N B O F V Q B F  
 major group is denoted by a 1-digit code. Each sub-major group is denoted by a 2-digit code,  
 comprising the major group code plus one digit. In the same way, minor groups are denoted  
 C Z E J H J U D P E F T B O E V O J U H S P V O H I F C S Z M F W J H M U D D P E F O M E  
 E J H J U J O F B D I D B T F 5 I J T D P O W F O H J P O B N T Q M M M V T U S B U F E C Z

<b>Major Group</b>	<b>5</b>	<b>Services and Sales Workers</b>
<b>Sub-major Group</b>	<b>51</b>	<b>Personal Services Workers</b>
Minor Group	511	Travel Attendants, Conductors and Guides
Unit Groups	5111	Travel Attendants and Travel Stewards
	5112	Transport Conductors
	5113	Travel Guides

OUIFS DPEF DPOWFOUJJPOT VTFEF EOJ O4 \$ O I B W F \* B M Q B S  
 ticular, where a minor group contains only one unit group the last digit in the unit group  
 DPEF JT i w 8 I F S F B V O J U H S P V T C B N F B B S N F F J E V B U M I F H S P V O P S J U H S  
 G P M M P X F E C Z U I F X P S E T I O P U F M H T J F L K I F T F D M B T T J m F E w B O E J U

\* U J T J N Q P S U B O U U P O P U F U I B I U B W K I O M B C F N E D \* D 4 \$ O H F E D B U  
 D P E F G P S B Q B S U J D V M B S D B U F H V T F Z F N G B Z I P S S V D N U B V Z B C V P W I B B O V  
 B S P V O E J U 4 J N J M B S M Z U I F T E D N B U F D P S F F T N B I Z \$ # \$ O S U B O  
 \* 4 \$ O " M M D P O W F S T J P O P S D P N M O B B T S T J J T n P W B B G P I O B W F S C T E J P X O T F O I  
 U I F S F G P S F C F V O E F S U B L F O C Z M I F G F Q S B W H E I E P J U I F 1 B D S P U S S F T C

## 2.6 Thematic views

\* O B E E J U J P O U P U I F N B J O U B O M E B T S E J m J D B N B P O D T H U S S P W D O U V O  
 P S i W J F X T w P G \* 4 \$ O J T C F J O P H D E V Q V B F U M P Q F E X G I F S F D W S F U S F J C  
 need for a standardized approach towards the aggregation of occupational data according to a  
 Q B S U J D V M B S U I F N F 5 I F T F P D D V Q B W U P O 7 \$ B C S F O R B J I O S P V Q V D U W F  
 C F D B V T F T L J M M M F W F M U B L F T Q S T F D B O E O B E B M U F N S O B D J W F F X T  
 B H H S F H B U J O H P D D V Q B U J P O B M E \* B 4 U \$ E O D M B B D D R \$ E J O H W P F B T O E F  
 P G T L J M M T Q F D J B M J [ B U J P O Q S J D N F E S J M I Z F Z U I F S H P J O E U T F O D E E T U F S W  
 W J E F H V J E B O D F G P S D M B T T J G Z J O H N P D D V O B B S E O S B D D O B B D J O M H U  
 compilation of internationally comparable statistics.

5 I F U I F N B U J D W J F X T B S F O P E U B S U K F P O J E O F U E M U P F C I F B W T V W J M B M  
 V O J U H S P V Q T N B Z U I F S F G P S F C F M J F T X U F B Q I O N P S F W I C B J O U P I O S P  
 N B Z O P U C F J O D M V E F E J O B O Z U I F N B U J D W J F X

5 I F N B U J D W J F X T P O D F m O B M M M F E P X O J M U M F C \* 4 \$ O M X B C F E U F F  
 Q S P Q P T F E U P E F W F M P Q U I F N B U J D M V J T F U K F T E P G F M D X V C B B J O O F E J C  
 U I F T F Q B S U J D V M B S H S P V Q J O H T I B T J B O F O G U B I L F F O 4 \$ O U P B T W S F V O M  
 4 I P V M E U I F O F F E G P S G V S U I F S U Q I S N P W U J J E D F E W B F T X S F B R S V J J T S F F U I F T F X

- " H S J D V M U V S F
- Construction
- Education
- Health
- Information and communication technology
- 5 P V S J T N

## 2.7 Definitions of groups

5 I F N B J O Q V S Q P T F P G U I F E F m O J U J B O T D P P G O W J I F F H M S Z V E Q F T m J O O  
 content of each group, so that countries can determine as consistently as possible where in the  
 ISCO structure a particular occupational group should be classified. It is hoped that this will  
 Q S P N P U F U I F B D D V S B D Z B O E J O U F S O B B W B O B M D M N N O C B E S B C E N M O U Z U P  
 B Q Q M J D B U J P O T " T V Q Q M F N F O U B S D Z S Q Q M S J Q M P F T B O J G P S I R B O S P W J B E C F M  
 O B U V S F P G U I F X P S L Q F S G P S N F E J O F E I F 5 H S S F O X B T G O P D J V O C B F U O U P

UP DSFBUF BO PDDVQBUJPOBM iEBD U J P G B X P Z S L X U J P U I C E F O B S M F S E N  
in particular occupations.

5 P U I F F Y U F O U Q P T T J C M F E F h O O E B P O U T P P G F \* B \$ O F U P H S T P U M  
alone. In other words, the essence of a group should be able to be understood without making  
reference to the de nitions of other categories.

5 I F P W F S B M M T U S V D U V S F P G V T F E E F m O O J U J P O T J T H U M B F T C B U M  
the use of both notes and footnotes as addenda to de nitions has been replaced by an optional  
m F M E G P S F B D I E F m O J U J P O D B M M F E i / P U F T w T F F Q B S B

" M M E F m O J U J P O T U I F S F G P S F C J T H J G P X M U P I X B E M C F Z B B T W B W F N F F  
U B T L T Q F S G P S N F E B O E B M J T U P G Y D O M D M V F O F O B O E O O P U X H F S F " O T F J  
B Q Q S P B D I J T B E P Q U F E G P S H S P V O O T B B U M B I M P W H M F W I F N F B S F U I T P N  
G F S F O D F T J O G P S N B U B O E X P S E J O H D P O W F O U J P O T

5 I F M F B E T U B U F N F O U T V N N B S J I F F T H S U P I V O T B O O F V B O E M  
comprises one or two sentences. In general, the most important or key aspect of the work  
performed, that distinguishes the group concerned from other groups, is mentioned rst. In  
some cases a sentence is added that refers only to some of the occupations classi ed in the  
group. It is not necessary for all jobs classi ed in a group to perform all kinds of work identi-  
ed in the lead statement.

91. Statements of tasks performed indicate the main tasks typically, or usually, performed in  
P D D V Q B U J P O T D M B T T J m F E J O U I F B B R M N O Z S I O F D T A U B E U F F N B F M O M E U P B F  
formed in all jobs classi ed in the group, but may include some tasks that are important in  
P O M Z T P N F P G U I F K P C T D M B L T T J D n P F O E U B J J O S I C F U X O F H O F O n F W B M F  
J U F N T C V U U I F S F B S F T P N F D B F R V J X F E S F N P S F P S G F X F S J

5 B T L T U I B U B S F V O J R V F U P B S O B S U B S V M J B O S D M D V E V O B B J P D F O  
items only if they are a particularly important component of the occupation concerned, and  
cannot be incorporated in a more general statement that also applies to other occupations.  
' P S F Y B N Q M F U I F E F m O J U J P O P G 6 E O D D Q S Q B O J P O B M & O F M B U S B O N B  
Hygiene Professionals includes the following tasks that are speci c to occupational health  
B O E T B G F U Z B E W J T F S T C F D B V T F M U F I N F I O L B T S F P Q B I S I U F J D X V P M S B S M Z  
P D D V Q B U J P O

B S F D P S E J O H B O E J O W F T U J H B B J O D H S F J O O P K S W S O H T T B O E U Z R O F J S  
N B O D F

(b) coordinating arrangements for the compensation, rehabilitation and return to work of  
injured workers.

8 I F O B T V C N B K P S P S N J O P S H S U P V Q O D F Y O U M J F O M F M O M F X O O F O  
I J F S B S D I Z U I F T V C T U B O U J W F D E O T U L F B O W F N P I G O U I B T M J F E B F E O U T J U  
both groups.

' P S N B K P S T V C N B K P S B O E N S O P S N H S P M T Q G P M M F P M E J E U C Z O B U  
U I F H S P V Q T J O D M V E F E B U U I F O F Y W F S F S V F I M E ' P X S O V J O J W I H S P M O  
M J T U P G U B T L T J T G P M M P X F E C Z P B T M D M L B T P G J m F Y E B I N F O S M F W T P S G F O  
B J N U P H J W F B O J O E J D B U J P O P M V I E F F E P J O D D V O F B U H J S P O V T Q B O E F K P E C I  
E F m O F B m G U I I J F S B S D I J D B M M E F U M P M T P M J U W F E D B S B F T O J P n D B Y U I B F  
and in some cases are simply commonly occurring occupational titles, which may in reality  
S F G F S U P U I F T B N F P S W F S Z T J N J W F B S O P G P S W O B U J P O O B C P F S F U D F P  
U B J M F E D P O U F O U P G F B D I I n d e x o f l o c a t i o n s P o s s i b l e t i t l e s t e r m i n e d E F E J O U I F  
P S E F S 5 I F Q V S Q P T F P G U I F M J N B U P W F J S B M I F S F U I B O D D Q Q B T U D S J  
and it should be borne in mind that the usage of occupational titles in some countries may  
E J F S G S P N U I F V T B H F J N Q M J F E J O \* 4 \$ O

" O P Q U J P O B M M J T U P G i S F M B U J F E J O D D M W O B E U X P I O S F D U M B S F T  
potential for confusion between occupations with similar titles or work content.

4 PNF EFmOJUJPOT PG HSPVQT ~~DPQUBBS~~ FB ~~VEJFEJ~~ P~~Q~~SJN B/SPJUM  
clarify the boundaries between related groups where this may not be entirely clear based on  
UIF EFTDSJQUJWF NBUFSJBM XIO SFP ~~S~~I ~~S~~FUJFS ~~P~~JTF ~~Q~~BU ~~D~~EFMEG~~Q~~BS  
NFOU BCPVU B QBSUJDVMBS PD ~~D~~VSQ ~~B~~EUFJOPUJ ~~D~~MHS ~~P~~WQ B ~~Q~~OF B  
the notes added to all of the groups mentioned in a particular note, so that the de nition of  
each group may stand alone.



3. MAJOR CHANGES BETWEEN ISCO-88 AND ISCO-08

3.1 Summary of changes and the reasons for them

" MUIPVHI UIF DPODFQUVBM NPEFPMG V 7 \$ D UP IHBVTJ DFP W I C F E DV  
GVOEBNFOUBMMZ DIBOHFE GSPN UIB M DVBT Q U EQ F 4 \$ O D FT UII O S  
USFBUNFOU PG TPNF PDDVQBUJPO BUI MF HOSPFVEQ T P 5 B I E E \$ F E J T D S P F O O D F F  
BCPVU TQFDJmD EJ DVMUJFT FYQ X S F M Q D B E U O F U G F F V T T P P G F h 4 \$  
DVQBUJPOBM DIBOHF JO UIF ZFBS QFSJPE TJODF JUT EF

5IF PWFSBMM TZTUFN PG NBKPSH S I S P V Q D T B O E V Q O N B K P S P W S I  
VTFE JO \* 4 \$ O I B T C F F O S F U B J O F V E Q J O B U 4 \$ O F U P S I F M U F W O F M B  
\* 4 \$ O T U S V D U V S F D B O T U J M M C P N G P V R G E W O F \* 4 B C K P S H S P V Q  
IBWF CFFO DIBOHFE TMJHIUMZ T D B C U U O U N P S O E D M F F N B S N P D J V O E B D  
HSPVQT IBWF CFFO NPWFE GSPN P O F V M B K P S P I O S V P F V S Q T J U P R O P O G P U B E  
EJSFDUMZ GSPN \* 4 \$ O N B K P S H S P W Q Q P U T P T J \* 4 M \$ O N B K P S H S

" OVNCFS PG DPNQMFUFMZ OF XO E WCO NLB KHPSSP V H O S P M O W F N C J O P  
JOUSPEVD FE UP \* 4 \$ O B O E T I M M T F \$ B W F \* 4 \$ O O N F H S S H P F V E Q X  
PUIFS HSPVQT PS TQMJU JOUP TFWFSBM HSPVQT

5IFTF DIBOHFT JNQMZ B C S B E F E J O P O T \* 4 \$ O T C F B O E F O 4 \$ O B U  
BU BMM MFWFMT JO UIF DMB BT P O D B W P J P F O O H J D \$ B S \$ O I T Z P E  
CFUXFFO TPNF TQFDJmD HSPVQT B C M M F X T U I I P X N B K P S N H I S P D O S I M F T W  
FODFT BU VOJU HSPVQ MFWFM C F U E X F F E Q O \* 4 1 \$ O S U \* B O E I F 4 \$ O C M  
BSF QSFTFOUFE JO CPUI \* 4 \$ O B O E \* 4 \$ O P S E F S

.BOZ PG UIF DIBOHFT B E E S F P V T T M Z P O V B S R O G E U B I B F U J O 4 \$ O  
BSFBT NPTU OPUBCMZ BT B S F O T U M D I O P R G M B H Z P N O Q O D R J G P T G T J E  
technical and clerical work associated with the use of computers and telecommunications.  
4PNF DBUFHPSJFT JO \* 4 \$ O I B W F N L P I W S F E G B B F S E R F O U N P S H D F V E Q B T O J  
BOE UFDIOPMPHJDBM DIBOHF J O B W F F C M B O P D S F B B S E F U P B I  
GPS UIF JEFOUJmDBUJPO PG OFX P S B F T N F J S H J O H N P D D A V S O B F U T J B O B M  
\* 4 \$ O V O J U H S P V Q T I B W F O P U C F S F O 4 \$ O M J U V B D U E H K S P P V O O F T  
FYDFQU XIFSF UIJT XBT VOBWPJEB CMF

102. In addition, there are some changes in the way the ISCO conceptual model is applied  
UP UIF EFTJHO PG UIF DMBTTJmD B U F J P X O P S L P Q U F S O P S B E M Z I B T U I C F O  
HJWFO NPSF FNQIBTJT UIBO GPSNB M O R E T V D B U E P O F S O B O U S B H J O J J  
TLJMM MFWFM PG BO PDDVQBUJPO

OUIFS DIBOHFT JO UIF DMB T O D r h B O U J P O B U T U \* 4 S V \$ D O U V S F X B S F T F O Y F O  
TJWFMZ EFUBJMFE JO TPNF BSFB S T B O B O J E O B L E I F B R U B W I F F M S F E X F B J T B J B  
WBSJBUJPO JO UIF TJ[F PG TPNF T W I C S N O B K P T S J B M E N F J O P S J T H \$ P W O T  
NBEF UP FOTVSF UIBU UIF MFWFM B O P G S E E O S B B M F Q B S O W J E T F F E G V O M \* 4 P \$ O T  
its main purposes. It is intended that these changes will make it easier to produce estimates from  
TBNQMF TVSWFZT GPS \* 4 \$ O T V C N B K P S B B O E X N U I O P S \$ H S P V Q T J U M B O  
UIF OBUVSF PG UIF PDDVQBUJPOBUI M E U T U S F J C M O U P O O P B G J J P O B M M B O M  
UIF WBSJFUZ PG VTFT PG \* 4 \$ O S P V T O F T D B P O O E D I B S O P T V U B E P V R U S J O H T M  
PG EFUBJM JO EJ FSFOU QBSUT P G V U I O P D U M B W F S r s D B J U O I P O D X O S F E F N S

\* O TPNF DBTFT UIFSF XFSF U P P O D B L F S O E T T U J B D U J J P O X T B C F O M  
DFSUBJO DBUFHPSJFT JO \* 4 \$ O B M P M O Z B F D T R O F D J T B U M F M Z O C B O J T J E F  
LJOE PG EBUB UIBU JU JT QPT TVJSCWIFZ T P \* D O P M W D F I D D B J T O F T B O G P O S T V Y B  
USFBUNFOU PG NBOBHFSJBM PDDVQ B W J F P C F F J O O N B H E S J D J V O M U 4 \$ O  
UP JNQSPWF CPUI DPOTJTUFODZ P S G B C S F M P L S Z J O H B O E J O U F S

4PNF PG UIF NPSF TJHOJmDBOU DIBOHFT BSF TVNNBSJ  
5IF TFDUJPOT PG UIF DMBTTJmD B B U P J O C E T F B I N V O F H C X F J E O N S E F O E  
HBOJ[FE TP BT UP PWFSDPNF QSPCMFNT FYQFSJFODFE CZ V  
4PNF BEEJUJPOBM VOJU HSPVQT B O S F B Q U F F E O F G P S I J O P S I F H D S U P V  
TVQFSWJTPSZ PDDVQBUJPOT C W U N P O O N W I Z Z Q O S B B S B T T X I H F  
OJmDBOUMZ EJ FSFOU UBTLT GSPN UIF XPSLFST UIFZ TVQFS



ODDVQBUJPOT BTTPDJBUFE XJUI JOGPIRBIJJPBWBOEFDONNV  
 VQEBUFE BOE FYQBOEFE BMMPXJOHOBMS BOIE BETFOPDJRBDU  
 professional occupations in this eld as sub-major groups.

\* 4 \$ O J O D M V E F E Q B S B M M F M H S P V Q T B O Q F B S B S H G B S D E B T F  
 X I F S F U I F F E V D B U J P O B O E U S B J O P O H V S E R U J S O N B M O U H T S B P S B J  
 G F S F E C F U X F F O D P V O U S J F T C F D B V T T F B O G E F H F S S F F O D G T T J O F S S V  
 T J P O 1 B S B M M F M H S P V Q T E P O P U F S Q R S B S E J B S F 4 \$ O T F O U K J B O M  
 the same.

ODDVQBUJPOT DPODFSOFEXJUIUIFFCCSFFVJFYROBCEGFBFBM  
 JO PSEFS UP QSPWJEF TV DJFOUBE FWIBJMBTJFT BRMSMUPX  
 JOUFSOBUJPOBM SFQPSUJOH PG EBDVVBUBUJPFOTFBMWA XPSO  
 HSPVQFE UPHFUIFS XIFS QPTTJCMFT B O E Q S P W F Q F B S X B F T  
 NJOPS HSPVQ EFWPUFE UP PDDVQBUJPOT JO IFBMUI TFSWJ  
 5IFTFDUJPO PG UIF DMBTTJmDBUFJFOO SEFPBSMBOHJ [X EU U P SFFn D  
 UIF JODSFBTJOH JNQBDU PG JOGPIRBIJJPBWBOEFDONNV  
 more meaningful detail for occupations in which large numbers of women are employed.

5IFBHHSFHBUFFHSPVQTGPS TBMSTHBOE E F E F S M O J D M F V X P O H F S T  
 QSPWJTJPO PG OFX TVC NBKPS HSPVQFS TGPOSB M F S B P S O B X P S I F S S  
 BOE QSPUFDUJWF TFSWJDFT XPSLFST  
 .PSF EFUBJMFE DBUFHPSJFT BOEPNSFBWTF \$ Q B M B P S O B M B H S S F P V Q  
 JOWPMWFE JO BHSJDVMUVSF

.PSF EFUBJMFE DBUFHPSJFT BSF QJOPWJIEFQSGPWSJFDDBOQBGF  
 GPSNBUJPO BOE TFSWJDFT UP PDVNSJFOUT JODMVEJOH UI  
 5IFHSPVQTGPS QMBOU BOE NBDIJD FB O Q F S S F B P U S H S B T O J B M V E F J O F  
 SFTQPOTF UP DPODFSOT UIBU UIIEFU B S M U F E P O E A S P O U P X B E B  
 in some areas.

5IFDPWFSBHFBOEWJTJJCJMJUZZOGJOGDPSQDBMJPNDMURBNFQ  
 IBWF CFFO JNQSPWFE MFBEJOH UNPCBS BGTTPVDCJBUJFKEPSODS  
 HSPVQT JO \* 4 \$ O .BKPS (SPVQ & F N F W I P O \* 4 B S C Z O D D V Q B U J

5IF SFTVMU PG UIFTF DIBCHUFTBJDTI BMNW-E MT UP GJ QJD S F B  
 UJPO FYDFQU BU UIF UPQ MFWFWWF O M F Z F B D S P O H F U T I B S F M O P T  
 TUSVDUVSF IPXFWFS 5BCMF TUPX TBKRSU(SUPMFOOVNCSPSFPC  
 TJPOBMT BOE .BKPS (SPVQ 4ISSVJDETTBHOEJMBDMOUMBZPSXFE  
 UIFOVNCFSPGVOJU HSPVQTJO .BIQFSSB(SPSVD B O I E M B T O T U F N C O M F S  
 has significantly decreased.

Table 3. Numbers of groups at each level of ISCO-08

Major group	Sub-major groups	Minor groups	Unit groups
.BOBHFT			
2 Professionals			
5FDIOJDBOT BOE "TTPDJBUFE 1SPGFTT20(2)MT			
\$MFSJDBM 4VQQPSU 8PSLFST			
4FSWJDFT BOE 4BMFT 8PSLFST			
4LJMMFE "HSJDVMUVSBM 'PSFTUSZ BOE 'JTIFSZ 8PSLFST			
\$SBGU BOE 3FMBUFE 5SBFT 8PSLFST			
1MBOU BOE .BDIJOF OQFSBUPST BOE "TTFNCMFST			
9 Elementary Occupations		11 (10)	
"SNFE 'PSDFT ODDVQBUJPOT			
Total ISCO-08 (ISCO-88)	43 (28)	130 (116)	436 (390)
/PUF /VNCFST GPS *4\$O BSF TIPXO JO CSBDLFUT XIFS EJJGFSFOU			

For information on the definition of informal employment, see the statistical definition of informal employment in the questionnaire. Guidelines concerning the statistical definition of informal employment are available at <http://www.ilo.org/public/eng/employment/informal/>

### 3.2 Managerial and supervisory occupations

! " # " .BOBHFSJBM PDDVQBUJPOT DMBHJBM [EEJOP. BKWPSS DSNVFOQS FX MFNT XJUI UIF EJTUJODUJPO CFUXFBSBMDWP SIBDSBUHFSW NYDBSHJFFSOT CZ VTFST PG \*4\$O 5IFTF DIBOH FVTT BEBDF T 7 \$OSPCMFQTD E FHPSJFT CBTFE PO DMBTTJmDBUMPOT BGOJONEV F S SB B MP B DUSJ WJJA and practical concerns.

\* O \*4\$O NBOBHFSJBM PDDVQBUJPOT SBSJH FSS H BBOJ [FOE B USJBM MJOFT 5IJT NFBOT UIBU NBUVDBH BST IX NUBI OT SF D PBM\$ DTFU NBOVGBDUVSJOH QSPEVDUJPO BSFOEVEFOSJ mUBI E XI FX P S S S.FC QFSD U whether they manage a department in a large enterprise or manage a small enterprise whose CVTJOFTT JT UP QSPWJEF UIBU GVODUJPO

\*4\$O .JOPS (SPVQ %JSF DQUPBSSTT BJOE \*4\$O G & YBTD VJJO WFS (SPVQ .BOBHJOH %JSFDUPST B OEF ES IXBGI & Y A SVOUJWFATV C\* U NBKPS (SPVQ -FHJTM BUPST BOE4 M E ON B SPS OSIBWOT UP \$GIP\$ B & YFDVUJWFT 4FOJPS O DJBMT BSOFE MFB E F S I B U J D S B O E M N N B OKBPHCFN PG MBSHF BOE DPNQMFY PSHBOJ \$ B U Z I PPGT N B O E B U H FJSTO J B B M M Z V T B si ed in a single sub-major group, with more detailed breakdowns at minor and unit group MFWFMT

5IF SFNBJOEFS PG \*4\$O 4VC NBKPS (SPVQ 4VC \$ R B O P S (SPVQ (FOFSBM .BOBHFS BSF SHF S P M B O D T F E S F C Z N U U S D I H O D X U GPMMPXJOH TVC NBKPS HSPVQ TUS.VBCOUBH SFS T G P S \*4\$O .BKPS

- 11 Chief Executives, Senior Officials and Legislators
- 12 Administrative and Commercial Managers
- 13 Production and Specialized Services Managers
- 14 Hospitality, Retail and Other Services Managers

+PCT JO CPUI 4VC NBKPS (SPVQ MFBVCFEM T FHG OFLSI BMMZ OS mFMET UZQJDBMMZ BDRVJSFEU ZBTFEVIDFBLSJFPTOV N O E PTGF VBFOSBFNY U PG FYQFSJFODF JO B SFMBUFE PDDVQBUJPOT PDQMBMTT J R5 F I E T F O P QBUJPOT BSF BTTPDJBUE B M P O H X J J W I I W I I P T I B H J O T W V C 4 N O K P I S J M MFWFM -FWFM ODDVQBUJPOTE JXOJ U4V C 4 N O K P I S J M S N P V -C F W F M

4VC NBKPS (SPVQ "ENJOJTUS \$ B D M W E F B O E I F \$ R B O B S D S B PG PSHBOJ [BUJPOBM VOJUT UIPBSU UGZ/ODDWBIMOM-Z B O S P T M J P S H B UJ POT 5IFZ NBZ CF NBOBHFS PG HEFVWBSQNFOW TE FXQB SJON FOPUNT PS UIF NBOBHFS PG TNBMM DRNPQB OUFFST RJSBBOQ \$ B W J J P E O T U SFDSVJUNFOU NBOBHFS PG B MBSHFT D B S I Q P S D P U N Q P E O B O E I B U I F O N B W E SFDSVJUNFOU TFSWJDFT UP PUIFSIOP S\*HBSOJ [BUJPOJTU B(SSFP V O U I D )VNBO 3FTPVSDF .BOBHFS BT UIFZ \*B W F 4 Q O J N B S I Z F T G P I S I M F T S J O XPVME IBWF CFFO DMBTTJmFE JO 4VCF SNTB K B S O E ( S U P I V O M B U U S P S C 4VC NBKPS (SPVQ (FOFSBM .BOB B E S T F R B O B H F I S J J H I M M P F D V D F V I O TLJMM JO BENJOJTUSBUJWF m O B O D P B M D N P B T D P M N I E S J O J B M T N O H M NBKPS HSPVQ BOE BSF JFOUJmB C P M U F I B L Q B / S O W J U D V H S I B S Q Q S I F O V F T M . BOE UFDIOJDBM TLJMMT SFRVJSFE

4VC NBKPS (SPVQ 1SPEVDUJCPBH BSOTE J4Q G B \$ B M B I Q B H F4SF SFTQPOTJCMF GPS NBOBHFNFOU SPAGJ D H F Q S P -V W D E B I P O Z P I G I F H B O J [ B U J P O U I B U U I F Z X P S L J O P S H B B O B I H B I S J P O T G P E S F Q N B S O B M I F PG TNBMM PSHBOJ [BUJ POT GPDGT F D F P O B W I J F [ F C E S P E S W U D P O P BENJOJTUSBUJWF BOE DPN NFS D JTB I H M F F S W W J O A N T B K P S S H F S P U M Q T organized into minor groups or unit groups according to the type of specialized production PS TFSWJDF QSPWJTJPO

\*4\$O 6OJU (SPVQ 1SPEVIDQUJ P. B O B C H E F - S O T O B S B U H B O T culture, Hunting, Forestry and Fishing has been replaced with a new minor group containing

U X P V O J U H S P V Q T B T T I P X O C F M P T X F X I I B T N B S B W H E Q T S P S E V T W I S J J P O  
J O M B S H F T D B M F F O U F S Q S J T F T U Z Q D D B B M T M S B I C W I F F B B J C F S B C S D  
managers.

- 131 Production Managers in Agriculture, Forestry and Fisheries
- 1311 Agricultural and Forestry Production Managers
- 1312 Aquaculture and Fisheries Production Managers

\* 4 \$ O 6 O J U ( S P V Q ( F O F ) S V B O M J . O B I O B H P F S S F T U I S Z " B H S E D V  
' J T I J O H I B T C F F O S F N P W F E G S P N . B K P S V E S F E V Q J - U I S O F U P I D I T V O B  
F H P S Z X F S F N P W F E U P \* 4 \$ O 4 V C N B K P S M I S F E V Q H S J D . B M I U F V S  
8 P S L F S T P S U P 4 V C N B K P S ( S P V Q T U S Z . B ' S I F F U S P S B J O E U ) F I O U 4 J L O J H  
8 P S L F S T 5 I F Z X F S F N F S H F E X J U I H I S F I S V M E W S B M H S P V Q Q J O P I G G U  
P S m T I F S Z X P S L F S T 5 I F S F B T P O O C D P U S J P U Q J T J O I B O S H O F J T W I F B W X F U  
U I J T H S P V Q B O E G B S N F S T U I B U E P G O V P O U D U B W O F B T T O P I O J G F D E B T O C  
B O V N C F S P G D P V O U S J F T 5 I J T M O F E U I U P J O J H F S . O n B W B P O C B M O D S F Q P  
of data.

+ P C T J O 4 V C N B K P S ( S P V Q 4 F S ) W T J O F U B . N O U B Z H F S F U H F J O M F S B B C  
B M U I P V H I O P U F Y D M V T J W F M Z J O M P R S V H B O N J E B B H F O N F O U I B R I G E S F  
I B W F B I J F S B S D I Z P G N B O B H F S T 5 B I V Z F E P V D B U J O P S N M B N W I Z M S J F r R D V  
B U Q S P G F T T J P O B M M F W F M \* U T S F V M G E M C B S O I P U S F E U B I P M F B V C F S I P U T  
establishments, such as large supermarkets, department stores or hotels, are also classi ed in  
U I F S F M F W B O U V O J U H S P V Q T J O 4 V C I N F E K B S C M S P M O F O U T " N W B U Z I P B W  
B I J F S B S D I Z P G N B O B H F S T J U D M I B T O J F G J Z I N F B S O Q H S B S D T U P O G B W I F S O Z  
supermarkets or hotels separately from the managers of medium-sized and small ones. Chief  
F Y F D V U J W F P D F S T B O E T Q F D J B M J [ P E N Q N B O J B F H F S S F F R O B J I M U D M B J N O B T O I  
I P U F M D I B J O T B S F O F W F S U I F M F V O C D O M B V C J M F E P S O ( S U P I V Q S F M F  
P S J G U I F Z B S F S F T Q P O T J M M F P S P T S B M D U J F W W M F T U T P G H S P

117. It is also important to note that owner-operators and employee-operators of businesses  
B S F P O M Z D M B T T J m F E J O . B K P S ( S I P H O O J m D B C O U N E D O P N H O F P N O F F O U W U P E G T I  
X P S L % F m O J U J P O B M O P U F T B S F O B S U P P V S J T E F E G U T P I P N O B T L F H V F D T M F B P S  
D B G I T S F T U B V S B O U T C B S T B O B O B H N F J M O B S F O E J B T O / M J \$ W N J F O  
P G T U B J T O P U B T J H O J m D B O U E D F M N T O R I C F S O U V P T Q / B U M M Z X P O L . E  
( S P V Q 4 F S W J D F T B O E 4 B M F T 8 P S L O S P T U D N A O I D P V Q U V U B I M T M E Z J T E U  
G S P N U I F B Q Q S P B D I B E P Q U F E V O E F S B B W O D F B O P F V U B C U T I F O W S F B G M  
P G U I J T H S P V Q N B Z I B W F M F E J O B Q U P B U F J R O B T U J P C O B M \$ B Q Q M J U D P B W  
J O D M V T J P O P G S F M B U J W F M Z M B S J H O F F T O T V N O F S 4 \$ O G P Q A V S C B W B S K P  
( S P V Q ( F O F S B M . B O B H F S T

" O F X 6 O J U ( S P V Q 4 I P Q L U F F O V F S I M Z O S R W B S E I B O G U P S H S I P  
workers who own and operate retail shops either independently or with support from a small  
number of others. Operators of guest houses, restaurants, caf@s and similar establishments  
B S F D M B T T J m F E B D D P S E J O H U P U I F B I B J E O P N U B T T L J T D Q I P S / G P S N I F O F S C  
cooks or waiters.

\$

\* O \* 4 \$ O T V Q F S W J T P S T X F S F M O O E S B I N S M V Z O D M B T U J F n F X E P S  
U I F Z T V Q F S W J T F E . B O Z D P V O U S J F T U P I P E X J F T W J S H V J P T O T T V Q S S M U J T  
G S P N P U I F S X P S L F S T J O D M V E J O H F N B O O H S W T J T P J S O T T E O P F D J P H J D N T B F J D  
Q F S G P S N U I F T B N F U B T L T B T U I F X P D S R O S T F S T O V Q F S W U T H E S P V O T S G  
Q F S W J T P S Z P D D V Q B U J P O T B S F J O S M W E P I S Z J O P D Q \$ O B U J R O B M F H M S

% V F U P U I F B E E J U J P O B M Q I F S M M T F M S Z W K F P M C T S F B R V O J F S X F N J F O C  
( S P V Q . J O J O H . B O V G B D U V S J O B I T B D S E F B S P I O E T W S O V D A V C P O B 4 K V  
( S P V Q 4 D J F O D F B O E & O H J O F F S J O N J M T E S P D S J B B U T F P O \$ P G F T V T O  
H S P V Q G P S P D F T V Q F S W J T P S T J T J O D T M U S E B F L E J W O F . B I O P S 4 Q S F P D V Q B M  
Secretaries.

5 I F T V Q F S W J T P S Z V O J U H S P V Q T J O \* 4 \$ O B S F  
 3121 Mining Supervisors  
 3122 Manufacturing Supervisors  
 3123 Construction Supervisors

and Other Establishments  
 5222 Shop Supervisors

" M M P U I F S T V Q F S W J T P S Z P D F V Q B U U P O \$ P V S Q F B D T M B I T F J N P F T E U J T O L  
 X P S L F S T T V Q F S W J T F E % F m O J U J P O O B U M D B B U F H S J B J N T J T U Q S P O V T J V E S F E  
 U I F E J T U J O D U J P O T C F U X F F O N B O B Q B S J J B P M O T T J V O O F \* S A M \$ J O T P S Z B B S C F E  
 clear as possible.

### 3.3 Professional and technical occupations

% & && "\$ (%)\*  
 5 F D I O P M P H J D B M D I B O H F P W F X S B T U I E F F W F M I P B S F E Q I N S F J B P O E U T L  
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 P G H P P E T B O E T F S W J D F T S F M B U F E U U F D I J O O P G M P S H N Z U J \$ O B O 5 E I F D P M  
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 B U U I F T F D P O E M F W F M P G U I F D M B T T J m D B U J P O B T T I P X O

#### 25 Information and Communications Technology Professionals

251 Software and Applications Developers and Analysts  
 2511 Systems Analysts  
 2512 Software Developers  
 2513 Web and Multimedia Developers  
 2514 Applications Programmers

! " # " \$ % & !

252 Database and Network Professionals  
 2521 Database Designers and Administrators  
 2522 Systems Administrators  
 2523 Computer Network Professionals

# ( % ! ) % & !

#### 35 Information and Communications Technicians

351 Information and Communications Technology Operations and User Support Technicians  
 3511 Information and Communications Technology Operations Technicians  
 3512 Information and Communications Technology User Support Technicians  
 3513 Computer Network and Systems Technicians  
 3514 Web Technicians  
 352 Telecommunications and Broadcasting Technicians  
 3521 Broadcasting and Audiovisual Technicians  
 3522 Telecommunications Engineering Technicians

5 I F Q S P Q P T F E U I F N B U J D W J F X F G B S I M \$ P S G P U I D F V Q B D V R O B T U J P J O  
 4 V C N B K P S ( S P V Q T B O E M J T U F P E U B F C S P W R O J B T H S P M M I T B U I B U  
 N B S J M Z J O W P M W F U I F Q S P E V D U J P O P G \* \$ 5 H P P E T B O E T F S W J I  
 1330 Information and Communications Technology Services Managers  
 2152 Electronics Engineers  
 2153 Telecommunications Engineers

- 2166 Graphic and Multimedia Designers
- 2356 Information Technology Trainers
- 2434 Information and Communications Technology Sales Professionals
- 7422 Information and Communications Technology Installers and Servicers

5 I F H S P X J O H D P O W F S H F O D F C B D X U F P O J O U G F P D S I N B M P P H Q F B O  
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\* 4 \$ O J O D M V E F T N B O Z P D D V Q T B U J P O T U I C B U U U F O W P T M W F F G T O  
 B U P P M P S X I F S F U I F V T F P G U I O T F O W P D G I C U P I M P X H P J S F L T J S T I F B F F N B I O F  
 Q B U J P O T B S F O P U J O D M V E F E J O U I B F C P X P F T V O C P S I B K T P S J U H S J P O V Q F T O F  
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 J T B O J N Q P S U B O U E F m O J O H D I B S B D U F S J T U J D J O D M V E F U I F G P

- 3211 Medical Imaging and Therapeutic Equipment Technicians
- 4222 Contact Centre Information Clerks
- 5244 Contact Centre Salespersons

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5 I F D P W F S B H F P G I F B M U I T F S W F J E D I U T P P O D S P W Q B E U F J P T O V T D I B F T O O F E F  
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 workforce to the World Health Organization (WHO). I F D I B O H F T B M T P - T F F L U P B E E S I  
 lems of comparability between countries caused by di culties in distinguishing between cer-  
 tain occupational groups, particularly in nursing.

5 P J N Q S P W F U I F W J T J C J M J U G Z P S I G F T U C B U X J T T U W O T N B O P I S I H \$ P B M  
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 N B K P S ( S P V Q T ) F B M U I 1 S P G F T T U S P O B I M T T J B P O E B M T ) F B O M S U F I T F T  
 C F M P X

**22 Health Professionals**

- 221 Medical Doctors
  - 2211 Generalist Medical Practitioners
  - 2212 Specialist Medical Practitioners
- 222 Nursing and Midwifery Professionals
  - 2221 Nursing Professionals
  - 2222 Midwifery Professionals
- 223 Traditional and Complementary Medicine Professionals
  - 2230 Traditional and Complementary Medicine Professionals
- 224 Paramedical Practitioners
  - 2240 Paramedical Practitioners
- 225 Veterinarians
  - 2250 Veterinarians
- 226 Other Health Professionals
  - 2261 Dentists
  - 2262 Pharmacists
  - 2263 Environmental and Occupational Health and Hygiene Professionals

- 2264 Physiotherapists
- 2265 Dieticians and Nutritionists
- 2266 Audiologists and Speech Therapists
- 2267 Optometrists and Ophthalmic Opticians
- \* ' ) % & !

**32 Health Associate Professionals**

- 321 Medical and Pharmaceutical Technicians
  - 3211 Medical Imaging and Therapeutic Equipment Technicians
  - 3212 Medical and Pathology Laboratory Technicians
  - 3213 Pharmaceutical Technicians and Assistants
  - 3214 Medical and Dental Prosthetic Technicians
- 322 Nursing and Midwifery Associate Professionals
  - 3221 Nursing Associate Professionals
  - 3222 Midwifery Associate Professionals
- 323 Traditional and Complementary Medicine Associate Professionals
  - 3230 Traditional and Complementary Medicine Associate Professionals
- 324 Veterinary Technicians and Assistants
  - 3240 Veterinary Technicians and Assistants
- 325 Other Health Associate Professionals
  - 3251 Dental Assistants and Therapists
  - 3252 Medical Records and Health Information Technicians
  - 3253 Community Health Workers
  - 3254 Dispensing Opticians
  - 3255 Physiotherapy Technicians and Assistants
  - 3256 Medical Assistants
  - 3257 Environmental and Occupational Health Inspectors and Associates
  - 3258 Ambulance Workers

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" O V N C F S P G P U I F S Q P J O U T P Q \$ D J F S T F I O D M E C E B X O F F W F E 4  
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 4 F Q B S B U F V O J U H S P V Q T B S F Q S P W W O B E U J P O S T Q B W S T J P Q U H B O P I  
 4 F Q B S B U F V O J U H S P V Q T B S F Q S P W W O B E U J P O S T Q B W S T J P Q U H B O P I  
 G F T T J P O B M B O E B T T P D J B U F Q S P G F T T J P O B M M F W F M  
 5 I F E J T U J O D U J P O C F U X F F O Q S P G F T T V B O B T M B B O C E E N B J T E T X P J D M B T U F J  
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 U J P O T I F M E P S U Z Q J D B M M Z I F M D F S O Z F B O E S J I W J E J V B F N F O J D O F T U U  
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 H S P V Q T G P S I F B M U I Q S P G F T T J P O B M D U B J O V E F M Z T P O F B D U B V T O F S P P G G  
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Emergency paramedics are classified in the same unit group as ambulance workers, as it is difficult to distinguish them from ambulance workers in statistical collections in some countries.

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 F E V D B U J P O J O C P U I U S B E J U J P O B M . B O E S N P I S P S O T B X M M P Q U B B S F D G F  
 created for traditional and complementary medicine professionals, and for traditional and  
 D P N Q M F N F O U B S Z N F E J D J O F B T T P D J B U H A M Q S V P G J F U T T H J S P O V O M T O S B O  
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 J O W P M W F E J O D I J M E D B S F B T G P M M P X T

53 Personal Care Workers

- 531 Child Care Workers and Teachers Aides
  - 5311 Child Care Workers
  - 5312 Teachers Aides
- 532 Personal Care Workers in Health Services
  - 5321 Health Care Assistants
  - 5322 Home-based Personal Care Workers

\* U J T J O U F O E F E U I B U U I F P P O D V P C G B U V R B O J O B M P M I W T F E S W O I  
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 J O D M V E F E J O Q B S U J D V M B S  
 1342 Health Services Managers  
 1343 Aged Care Services Managers  
 3344 Medical Secretaries

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 \* O \* 4 \$ O Q S J N B S Z T D I P P M W F F B D D I F F S S T B X O F E S Q S D F M O B S T J T N J  
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 E F H S F F P G S F T Q P O T J C J M J U Z J O B F U Y F F O V B J M O H E V D I B N U J P B O T E X O M N S B  
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 W J E V B M T P S P O U I F R V B M J m D B M I M P B O S T D C P S V F O E L P S N Z J O B O J U T M E Q I C F S M F  
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 Q F S G P S N B O D F P G T J N J M B S U B T L T P T V I Q V M M E U C I P V D H M B J O T J n F O E V N C F  
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 & E V D B U J P O 5 F B D I F S T X I F U I F S U I F Z P X P P M S L P S O J O H B F O V F S B B M U T J P O D F  
 technical school or college.

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PS MFTT GPSNB M TFU UJOHT O UJFTN O P S B SQ P UN O mFZDNJF QU F J  
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UJ POT JO \* 4\$0 UIF GPMMPXJOH DIBOHFT IBWF CFFO NBEF  
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XIFSF QPTTJCMF XJUI UIF FRVJ V O P S I F (S U P V O J U H S P V Q T G S  
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UIF TFQBSBUF JEFOUJmDBUJPOF N B U V O J XUS JHU \$ B V O K M V S A O F B M  
and translators, interpreters and other linguists.

D 5IF SFNBJOJOH BSUT XPSLFST BSF DM \$TSTFBJUJF VJ OB O E O1FXS  
GPSNJOH "SUJTUT XIFSF BEEJUJ P O B M M E M U J F M M C Z I T J O F S O P V W J G E Z F J E O B U  
separately from lm, stage and related directors and producers.

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UISFF OFX VOJU HSPVQT  
2163 Product and Garment Designers  
2166 Graphic and Multimedia Designers  
3432 Interior Designers and Decorators

F " OFX .JOPS (SPVQ "SDIJU % D U J H O I A S B O I O B T S C F F 4 O / S D V S F B R U S  
JO SFDPHOJUJPO UIBU CVJMEJOH JHOS P O I D V O B N U V M O T N E F N J M B S F O R  
B DPNCJOBUIJPO PG GVODUJPOBM DSFBUIJWF BOE BSUJTUJD

G " OFX .JOPS (SPVQ 4QPSUTD \$ O E U F J E U O F T T 8 P S L F S T I B T  
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I " OFX .JOPS (SPVQ "SUJTUJDB \$ F M I S P S E F M T B P O C E B M T M I J B  
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nology Engineers includes separate unit groups for electrical, electronics and telecommunica-  
UJ POT FOHJOFFST \*OEV T U S J B M B P O E N I O S P B M I D U O P H O O F F O S J T O F B S F  
TFQBSBUFMTZ JEFOUJmFE BT VOJU \$ I S O P H Q I T S P O F T J O P S B (N R P V O F Y D M  
& MFDUSPUFDIOPMPHZ BMPOH XJU \$ O I F S F O B S O (J S O P H Q O J U H S P V

&

/FX NJOPS HSPVQT BOE VOJU H/SOPTVQT B S F O E D S P W P J E E F N M P X .  
UIF CFUUF S J E F O U J m D B U J P O P G C P N D F O M U Q B J U N O M T N L F I O W B W O R V C P N B W E  
NJOJTUSBUJPO PG HPWFSONFOU BOLES B P S O F S B O I D V O C P M U J J D P Z O T B O E R V  
IJHIMZ TQFDJBMJ[FE TLJMMT B P F T F J O D M V E F C V U B S F O P

- 121 Business Services and Administration Managers
- 1211 Finance Managers
- 1212 Human Resource Managers
- 1213 Policy and Planning Managers

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- 122 Sales, Marketing and Development Managers
  - 1221 Sales and Marketing Managers
  - 1222 Advertising and Public Relations Managers
  - 1223 Research and Development Managers
- 242 Administration Professionals
  - 2421 Management and Organization Analysts
  - 2422 Policy Administration Professionals
  - 2423 Personnel and Careers Professionals
  - 2424 Training and Staff Development Professionals
- 334 Administrative and Specialized Secretaries
  - 3342 Legal Secretaries
  - 3343 Administrative and Executive Secretaries
  - 3344 Medical Secretaries

5 I F T F D I B O H F T B S F B J N F E I B J J O \* 4 \$ B O S U B B U B S E F E E S F J O B E C  
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 M J T U F E B C P W F B S F S F M F W B O U S P S C P N U H B G F U Q V N M B J S D F B C O B E S O S D I  
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8 J U I U I F F Y D F Q U J P O P G T P N F P W F S P Z D D Q Q B J U M D O H S P V Q M V E  
 J O . J O P S ( S P V Q ( P W F S O N F O U M 3 F H \* V M B U P S N B L F T P O P J B U  
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5 I F D I B O H F T E J T D V T T F E J O W I I F T O F S D P U W P T O J T P B C P P G W B E E D J R U  
 detail in a number of other areas of the classification, necessitated a significant reorganiza-  
 U J P O P G U I F T U S V D U V S F T P G . B K P S ( S P V Q 5 S D G O F J T J B O B M B T O  
 " T T P D J B U F 1 S P G F T T J P O B M T 5 I J B S E F F T S I S B O W P B B W P O E X S F U E  
 H S P V Q T B U U I F T F D P O E B O E U I J B S D M Z F W F B M U T X P F S F U F F Y D D A M B J W J F M D Z  
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 G P S . B K P S ( S P V Q T B O E P G \* 4 \$ O U B B C O M E F \* 4 \$ B O E B S F D P N O

Table 4. Sub-major groups in Major Group 2: Professionals, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
21	11ZTJDBM . BUIFNBUJDBM Engineering Science Professionals	21	Science and Engineering Professionals
22	5FBDIJOH 1SPGFTTJPOBMT Other Professionals	22	Health Professionals #VTJOFTT BOE "ENJOJTUSBUJPO 1SPGFT *OGPSNBUJPO BOE \$PNNVOJDBUJPO T 5F Professionals Legal, Social and Cultural Professionals

Table 5. Sub-major groups in Major Group 3: Technicians and Associate Professionals, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
4 DJFODF BOE	Physical and Engineering Science Professionals	4 DJFODF BOE	Physical and Engineering Science Professionals
5 FB DIJOH	Technicians and Associate Professionals	5 FB DIJOH	Technicians and Associate Professionals
OUIFS	Technicians and Associate Professionals	OUIFS	Technicians and Associate Professionals

3.4 Clerical, sales and services occupations

/

\* 4 \$ O 4 V C N B K P S ( S P V Q P U O S D F \$ W C F \$ I B K P I S B T H S C P V F O O U P S F n F D U U I F J N Q B D U P G E F W F M P C G N X D S U T J B O E E \$ U P P O S B W F J P S H N meaningful detail for occupations in which large numbers of women are employed. Sub-major ( S P V Q \$ V T U P N F S 4 F S W J D F T \$ M F S K P S I B ( T S C V Q O S F \$ U F C S F E D 4 V Q Q P S U 8 P S L F S T U I V T D P N Q S J T F T G P V S T V C N B K P S H S P V Q T

- 41 General and Keyboard Clerks
- 42 Customer Services Clerks
- 43 Numerical and Material Recording Clerks
- 44 Other Clerical Support Workers

OUIFS DIBOHFT B FDUJOH P DF DMFSLT JODMVEF B OFX NJOPS HSPVQ GPS HFOFSB M B P U D J F D B M J F O S L E T O V N C F J S O B U J P O B M P D D V Q B U J P O D M B T T J m D B U J P O T T Q M J U U J O H \* 4 \$ O . J O P S ( S P V Q S B U A J F O D H S F \$ U M B F S S I E T T B U O P E , Q S P W J E F T F Q B S B U F N J O P S H S P V F O S T B U G F P \$ F Z I C P B S E E D M B F O S E L T G P S H F O F S B M T F D S F U B S J F T U I F N F S H J O H P G G P V S \* 4 \$ O V O J S P M Q P V Q F T S J D R U Z P C R U K S P E \* 4 P Q F S B U P S T o 5 Z Q J T U T B O E 8 P S E % 1 B S U P E D F & T O U S H \$ M O F S B U F U I F T F Q B S B U F J E F O U J m D B U J P O P G J M H C S M \$ S L D M B S O L E T G S P N a new unit group for personnel clerks.

/

&

5 I F T D P Q F P G \* 4 \$ O 4 V C N \$ M P S L T ( S I B V Q O P U C F V D U D I B O H F E T J H O J m D B O U M Z X J U I U I F O O P U ( B S P M O F Y D F C S L B J T P I O F S I T B B O 5 J D L F U \$ M F S L T I B T C F F O N P W F E U F T \* 4 \$ S L F S T V C F N D B K P T S ( P S G P W O close relationship of the work performed in many jobs in this unit group with that performed C Z T B M F T B T T J T U B O U T 5 I F H S S P P W O O J T T P B M T P U S F O S E \$ P O U F F E ibility in summary statistics.

. P S F E F U B J M F E D B U F H P S J F T M B S F E Q S O W J E F C S O W S I T P I D D V I O B N B U J P O B O E T F S W J D F T U P D M J F O T U T 5 O F D N O W E N J O F F S U P I C T V F O S E M H S J O . J O P S ( S P V Q \$ M J F O U \* O G P S N P O U J S P M O F 8 P S L F C S T \* 4 \$ M J F O U I B T B T B S F T V M U J O D S F B T F E G S P N U P

- 422 Client Information Workers
  - 4221 Travel Consultants and Clerks
  - 4222 Contact Centre Information Clerks
  - 4223 Telephone Switchboard Operators
  - 4224 Hotel Receptionists
  - 4225 Enquiry Clerks
  - 4226 Receptionists :general;
  - 4227 Survey and Market Research Interviewers

< . + % & !'

\* 4 \$ O 6 O J U ( S P V Q 5 S I B B W F M F \$ O N T V S M H U F E O M J U E  
 6 O J U ( S P V Q 5 S B W F M " H F O D Z B O B E U 3 U F I M B E U J F T E U \$ O M D F U S J L P T O E O U M  
 U I F T F H S P V Q T X B T O P U D M F B S 5 I F \$ \$ B W M M J O R I O \* T 4 / \$ M O U B O U 6 T  
 \$ M F S L T J O D M V E F T U I P T F X I P N B L F U T S B J W F W F B U C S E B W B D N O P U N J N D R L E B U T J I  
 P S Q S P W J E F B E W J D F B O E J O G P S M N N E P L E B R J O P O O 8 N P B I D F B S M X I U P U S  
 register passengers for check-in and departure at airports and other transportation facilities  
 B S F B M T P J O D M V E F E J O 6 O J U ( S P J M Q M T U P B U S U B I W E M S F B R H V F J S B Z T D I  
 issuing tickets, rearranging itineraries and so on, and are not distinguishable in practice from  
 airline employees who sell and issue tickets.

5 P V S P Q F S B U P S T X I P Q M B O H E S I P T V J Q H Q P B V C S E T P B O B O N J B E F Q C B V M  
 U S B W F M B O E B D D P N N P E B U J P O C P P U J Q S H P T V Q X F S F J 5 O I B M V B W F E J O  
 O P U C F F O J O D M V E F E J O \* 4 \$ O M 6 J O U I F E ( B P V B O O P D D V B O O B U J  
 J O D M V E F E J O 6 O J U ( S P V Q # I V \$ F O \$ M B T 4 B 6 W E D F T " H F O U

O

5 I F O V N C F S P G V O J U H S P V Q T J O F 4 V C S R N B K P S U ( P S P V Q B O E I B U T  
 N J O P S H S P V Q T U S V D U V S F P G U I F B M S P M T Q J I O B T Q B \$ B O B N S P F E T J V M F U E  
 N P W F N F O U U P 4 V C N B K P S ( S P V Q S P B U T U P S P F E F U 4 B M P E Q W S O E O \$ T  
 \* 4 \$ O B O E E P P S U P E P P S B O E U F S M ( F S Q I P O F T B M F N F O O F U S B T S P Z O D O G  
 D V Q B U J P O T B O E U I F N P W F N F O U P C G S P D N B T B K F P S S T ( B O V Q U J D L S F W J F S I B  
 " E E J U J P O B M E F U B J M J T B M T P Q S P W B E L F J E P O I S P R V W I I F U I G P T M F M B S X B W H J V E O

- 5221 Shopkeepers
- 5222 Shop Supervisors
- 5223 Shop Sales Assistants
- 5242 Sales Demonstrators
- 5243 Door-to-door Salespersons
- 5244 Contact Centre Salespersons
- 5245 Service Station Attendants
- 5246 Food Service Counter Attendants

+ % & !'

O

\* O B E E J U J P O U P U I F D S F B U J P O B M P C G F S T P O O B M S D B S F T X O S N L B & P  
 U J P O F E B C P W F J O U I F E J T D V T T J P 4 \$ O O I F 4 B / M U N I B T K P S S W ( J S D P F V T Q P D C  
 1 F S T P O B M B O E 1 S P U F D U J W F 4 F S W W D J E F E 8 R J S L B S M M I B X T U C I F F O S G B S U  
 T F Q B S B U F T V C N B K P S H S P V Q T G P S O \$ S U P D B M W F F \$ M S J W F D F X P S P F  
 " E E J U J P O B M E F U B J M J T B M T P Q S P M T J E B E F B B N J B O S I F B T O B S V F O J M M S  
 J O U B C M F X I J D I D P N Q B S F T U I F T M S V M B K / B S \$ T H B B V C B K P O S E ( N S P O V S  
 J O \* 4 \$ O B O E \* 4 \$ O

5 I F O F F E G P S J O G P S N B U J P O B C P S W J X D F S L P S O T B X I D P P N N P S D J E B  
 C B T J T E J F S T G S P N D P V O U S Z U P D U P V O E J S J T B O E I B N B O N C G F S S P E G B U  
 B C P V U U I J T H S P V Q X I P N B Z P Q F S B H U P F W M S B X N G F V O M J M B V B I O F E S C U F J F S T

Includes Internet salespersons.

\* O NBOZ DPVOUSJFT IPXFWFS JE N P OVQ MGPXSG VNY V B MQ B F SGVJ  
 BOE UIFS NBZ CF OP SFRVJSFNFOU C B WJCEFP S M B U J P OS W C D V  
 \* O \* 4 \$ O TVDI XPSLFST XFSF UBDJUO MZI FJSO D M S / E F O B M D 4 FOSJW J  
 8PSLFST /PU & MTFXIFSF \$ MBTTJ m FEEF E \* W P \* U I \$ F O E F m O B U O P O F P I G B T C  
 (SPVQ 1FSTPOBM 4FSWJDFT 8FPYSLM \$ T O / J O U H & U M B B X J O S D P S V M B  
 XIFSF UIFS JT B SFRVJSFNFOU & P S L B S F T D P M Z M F I D V J M P O C P G J E O B D U N B  
 JO UIJT VOJU HSPVQ 8IFSF T F O B S B X J P F S U E S T O U J m S D F R V J J S O E P B U U W J F  
 HSPVQ MFWFM B 6OJU (SPVQ D P E P T F J O J T O B E D P O B M O B E B O G U P B S L  
 P G \* 4 \$ O U I B U G P M M P X U I F \* 4 \$ O D P E F T U S V D U V S F

Table 6. Sub-major and minor groups in Major Group 5, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
4 F S W J D F	8 P S L F S T	BOE 4 I P Q	4 B F O S E W J D S F L T F U B O E 4 B M F T 8 P S L F S T
	Sales Workers		
1 F S T P O B M	BOE 1 S P U F D U J W F	4 F S W J D F T P	8 P S L F S T 1 F S T P O B M 4
5 S B W F M	" U U F O E B O U T	BOE 3 F M B U F E	8 P S L F S T U P S T B O E S B W M E M T " U U F
) P V T F L F F Q J O H	BOE 3 F T U B V	C O K U	4 F S W J D F T
	Workers		
	Personal Care and Related Workers		Waiters and Bartenders
O U I F S	1 F S T P O B M	4 F S W J D F	H a i r B r e S S e r s , S e a u t i c i a n s a n d R e l a t e d W o r k e r s
" T U S P M P H F S T	' P S U V O F	U F M M V S M E B O E H 3 F O M B	J P V E T F L F F Q J O H 4 V Q F S W
Workers			
1 S P U F D U J W F	4 F S W J D F T	8 P S L F S T	T O U I F S 1 F S T P O B M 4
. P E F M T	4 B M F T Q F S T P O T	B O E S A L E S W O R K E R S	O T U S B U P S T
' B T I J P O	BOE O U I F S . P E F M T		4 U S F F U B O E . B S L F U 4 B M F
4 I P Q	4 B M F T Q F S T P O T	BOE	% H o n P a c e r s S o S U P S T
4 U B M M	BOE . B S L F U	4 B M F T Q F S T P O T	\$ B T I J F S T B O E 5 J
			Other Sales Workers
			Personal Care Workers
			\$ I J M E \$ B S F 8 P S L F S T B O E 5 F B D I F S T "
			1 F S T P O B M \$ B S F 8 P S L F S T J O ) F B M U I
			1 S P U F D U J W F 4 F S W J D F T 8 P S L F S T
			1 S P U F D U J W F 4 F S W J D F T 8 P S L F S T

( #

\* 4 \$ O 6 O J U ( S P V Q \$ P P L D V O B D M P O F E J B W P J M W F S E B O

the preparation of meals including chefs, cooks, short order cooks and fast food preparers.

, J U D I F O I F M Q F S T X F S F D M B T T J m F E F J T O U J D \$ O M Q F 6 S O T J B O ( E S P S M O F T B O F

BOE ) F M Q F S T B O E \$ M F B O F S T M O J T O N F O T U T ) P \* U 4 \$ M O T B O E S P U

W J E F T U X P N J O P S H S P V Q T B O E B I V E F W F R M O B M S E B U F B T J F M P B D U V Q B U V O

P V U M J O F E C F M P X \$ I F G T B S F J E F O . U B J K m P F S E ( B S T P B O T F Q B S B D I F O V D J E

BOE " T T P D J B U F 1 S P G F T T J P O B M F R V J S F N F O U T O H I U I E F F m J H U F S

O P U F T Q S P W J E F H V J E B O D F P O U I F S P R V O C E B S J F T C F U X F F O U I F S

343 Artistic, Cultural and Culinary Associate Professionals  
 === ===

3434 Chefs

512 Cooks  
 5120 Cooks

9411 Fast Food Preparers  
 9412 Kitchen Helpers

### 3.5 Occupations in agriculture, forestry and fisheries

" O V N C F S P G D I B O H F T I B W F F C T O F F O U J O P S P E N D O E B U W P O T 4  
B H S J D V M U V S F G P S F T U S Z B O E m T I N S S F J T F E 5 I F T N C P I N M D R B O H F T D

market-oriented agricultural workers are identified in a separate sub-major group from  
G P S F T U S Z B O E m T I F S Z X P S L F S T

W J S U V B M M Z B M M G B S N F S T B S F D A V S B O T T J m D M B O T J B K P E S ( S P V Q  
G B S N F S T J O . B K P S ( S P V Q

N P S F E F U B J M F E D B U F H P S J F T B S F Q S P W J E F E G P S T V C T J T U F O  
N P S F E F U B J M F E D B U F H P S J F T B S F Z C B S O P E W m E T H E S Q P M B B C H P S V J S D F V S M U

\* O . B K P S ( S P V Q 4 L J M M F E S H Z S B P S M F U S V T S B M 4 \$ O P S F T I L B S T Z  
U I S F F T V C N B K P S H S P V Q T J O T U F B E 4 B O U I F 4 V O X P N B O P S M V S P V Q J O \*  
. B S L F U P S J F O U F E 4 L J M M F E " H S J D V M O V S B M J B J O E U P J T B I M S V Z P & P S I  
B H S J D V M U V S B M X P S L F S T U P C F D M E B T O U J J m D F E U B R J O U I F F O B S B O  
market-oriented forestry and shery workers.

. P T U K P C T D M B T T J m F E J O \* O S B F S T 6 O J ' U H S J S D P W M D U V S F  
) V O U J O H ' P S F T U S Z B O E ' J T I J O H B S B U C F H X P S O D T M V E O F E \* 4 O O U I F S 4  
N B K P S ( S P V Q . B S L F U P S J F O U F E S 4 U J O M M V F E N B B P S V ( S P W S B M 8  
. B S L F U P S J F O U F E 4 L J M M F E ' P S F S W S Z S F B J T T H O S O P S O E I ) V O J U J  
U I F E J T U J O D U J P O C F U X F F O U I F T F H S S P V Q T D P X B C U O P R U T G 5 B J T C M F  
T J H O J m D B O U J O D P O T J T U F O D J F T B I T O J J O E W F D S C U F E J B C B M F S F Q P S I U J C  
sion on managerial occupations.

8 J U I S F T Q F D U U P T V C T J T U F O D F B M P S L V S J O H U I U I F F E X B V T F M P O N  
P G \* 4 \$ O B C P V U X I F U I F S P S O P U \* T 4 J S T O F O D 4 F V C H S B B P S M U S V B O M  
Fishery Workers should be retained. On the one hand there was concern that the boundary  
C F U X F F O T V C T J T U F O D F B O E N B S L F U M B S U P O E S F E X B D C U P J W J W Q D P O M  
B O E G S P N B Q S B D U J D B M Q P J O U R B T W J F V X T J J O U F O B E J G C B J S J N D J B O  
W P M W F T U I F T B M F P G B T V S M M V U T J P O U P X B E T B U G B F M O T U V I C T U J T  
X P S L F S T N B Z S F R V J S F B E E J U J P O B M R V O T N U B O D T D P O O D W I S O F V T F N O B M  
N F O U J O T V C T J T U F O D F B D U J W J U Z J T W F S Z T N B M M P S O P O

O O U I F P U I F S I B O E J O N B O Z F C P S / F O T F S O J U F T T B F V M C B S T H U F O S P O C  
U J P O P G U P U B M F N Q M P Z N F O U B O E J F T E J F F S O F O W C E S J P O N H R W B F M S J U  
P G F N Q M P Z N F O U 8 I J M T U T P N F U Z Y Q B S U C F G E M W U F S B J E F T V C J T I  
other international statistical standards such as the International Classification of Status in  
& N Q M P Z N F O U U I F S F N P W B M P G U I J T U H I S T P W O Z C E S P P N G \* F 4 N S O M X P Z W M E  
would no longer be identified in any current international statistical standard.

5 I F H S P V Q I B T U I F S F G P S F C F F O V S F U B U O O D F B T B S I N E S  
' J T I F S T ) V O U F S T B O E ( B U I F S F S T Q S R W J T E J F C E H M C F ' N 4 J S O P S B O E  
C F F O S F Q M B D F E J O \* 4 \$ O X J U S U F P O T F S O S I F E W D J O O P H S D E S O D  
P O M Z M J W F T U P D L P O M Z N J Y F E U D F S O P O C F T m B T O I E S M J W F O W F S I B S B  
and gatherers.

#### 63 Subsistence Farmers, Fishers, Hunters and Gatherers

- 631 Subsistence Crop Farmers
  - 6310 Subsistence Crop Farmers
- 632 Subsistence Livestock Farmers
  - 6320 Subsistence Livestock Farmers
- 633 Subsistence Mixed Crop and Livestock Farmers
  - 6330 Subsistence Mixed Crop and Livestock Farmers
- 634 Subsistence Fishers, Hunters, Trappers and Gatherers

\* > ( ? ' @ J '

5 I F E F m O J U J P O B M N B U F S J B ( M P O S T U I J T H S P V E Q B O E H S  
D V M U V S B M ' P S F T U S Z B O E ' J T I F S Z L B C B V S M S B S I U B T B U C F F O J N

B XPSLFST FOHBHFE JO BHS WDJWMFUTV S BAW M EG PCSFF DUMSBZT TBJG  
 4VC NBKPS (SPVQ JG UIF NBJO BEJN HPGP EITF NBSPEM UG P OE J  
 GPS DPOTVNQUJPO CZ UIF XPSLFS T PXO IPVTFIPME  
 C UIPTF XIP QFSGPSN POMZ TJNOMFPS BFTYLOFS FR ODSJ OHP WME UO  
 UIFMFTT CF DMBTTJmFE JO 4VC NBKPS (SPVQ  
 D TVCTJTUFODF IVOUFST USBQJmFSET JCO E4 VHC UNIFKSFST (STRVQME  
 'PS DPVOUSJFT BOE SFHJPOBSFJ OV XSIU DBM MQT O PWF OYJFT UFDQ  
 NBKPS (SPVQ DBO CF FYDMVEFEB UGSPONT OBUJ4\$OB M BXOUEI\$R/H  
 loss of international comparability.

.PSF EFUBJMFE DBUFHPSJFT I B W V Q B M T P "CHFSEJOD V N R U B / U S F B E M J O  
 FTUSZ BOE 'JTIFSZ -BCPVSFST 5IH \$ P V Q B U B S F D W F T S F V n T F F E U J O I F 4  
 NBKPS (SPVQ .BSLFU PSJFOUFE O4EL JN M4FVEC "NBKDSM(SVSBM 8  
 .BSLFU PSJFOUFE 4LJMMFE 'PSFTOSQIJ TJXIFZS Z UBI O E F) X O S L C  
 PO DSPQ GBSNT MJWFTUPDL GBSNT BDOBEO NCJY FJEE FDCSUPJQm BEO ET FM  
 BSBUFMZ SFHBSEMFTT PG BOZP OBOJHP O BSVN VK P S J B B J P O I J  
 FMFNFOUBSZ JO .BKPS (SPVQT UB O S P V Q S B T QBFMDUJ V O I S M W J E " F E  
 garden and horticultural labourers. Hunting and trapping labourers are no longer included in  
 the same unit group as forestry labourers, on the basis that they cannot easily be distinguished  
 from skilled hunters and trappers.

**92 Agricultural, Forestry and Fishery Labourers**

- 921 Agricultural, Forestry and Fishery Labourers
  - 9211 Crop Farm Labourers
  - 9212 Livestock Farm Labourers
  - 9213 Mixed Crop and Livestock Farm Labourers
  - 9214 Garden and Horticultural Labourers
  - 9215 Forestry Labourers
  - 9216 Fishery and Aquaculture Labourers

" OFX 6OJU (SPVQ 8BUFSTBOOSPIW X P E J O P M N O D U P S  
 " MUIPVHI NBOZ XBUFS DPM MFD WPI STH TB S FU I B N QWOPJZF EH SI RV O  
 DMVEFE JO .JOPS (SPVQ OUIFSJ W M U X I F E O P U F B T S O P S U P S O L F F D S F T T B S  
 JOWPMWF BHSJDVMUVSBM QSPNEDW JJPOO VS+CPBCOT BJTO X B MJM B V T O  
 ricultural settings.

**3.6 Occupations in crafts, repair and operation of machinery**

- O  
 " OFX 4VC NBKPS (SPVQ &TM B D S I S E J S T B M B B O C E F R C M D S B B B E  
 GPS \*4\$O \*U DPNQSJTFT UIPT(FS RKPOT DM B T M T E J D M F S E J D B M \*  
 &MFDUSPOJD &RVJQNFOU .FDIBOJ D T V J M O E I O H U L B O E S B F M O B F E  
 &MFDUSJDJBOT 4FQBSBUF NJOP S O H E S B V S T F M S F D W S S P P O W D E T F I F R G V F  
 JOTUBMMFST BOE SFQBJSFST O W F F S V H O J O W F H G P U X Q T F C S F D n P F N D Q W U  
 BOE UFMFDPNNVOJDBUJ POT UFDIOP M P H U F O D L B J O P E O B C J N U X I P F Q S I P M  
 XPSLJOH XJUI IJHI UFOTJPO BOE MPX UFOTJPO FRVJQNFOU

+ O  
 5IF OFX \*4\$O .JOPS (SPVQ TFT N P O B J O - G B G I U F O P D S D L V C S B  
 UJ POT JODMVEFE JO \*4\$O .JOPSO(SIPW Q M BOE - 13SFFMD B U J F E O . B B P  
 UFSJBMT 1PUUFST (MBTT N B L O F E S T B O E B O E M O B S U B F G E U 5 S P S E L F F T S T B  
 8PPE 5FYUJMF -FBUIFS BOE 3FM \$ U S O E . B G F O S J J B M I S T P V Q U T B M T P # O D  
 LFUSZ 8FBWFST #SVTI .BLFST BOIEQ B I S M S T U F B O B P S L F S T 8 F B W F S  
 ,OJUUFST BOE 3FMBUFE 8PSLFST 4UPIN F O F X N U F O P V S O J H S P H V S Q V I O T W N

C F F O N F S H F E E V F U P U I F W F S Z U I N F B T M M P D O D V N Q C F U S J T P O N Q B M O F E Z  
E J D V M U Z J O E J T U J O H V J T I J O H C B F G U X F X P O S L P S D D S R Q F B E U X P B W J O V  
B O E I C B T L F U N B L F S W

"

5 I F H S P V Q T G P S Q S J O U J O H P D Q V Q B U B J O T T O F D J A n F O J O I B  
C F D P N F P V U E B U F E E V F U P E F W F M P Q O B S O U D V J M B O S J U O I J O H T W F O D  
C F U X F F O N B D I J O F P Q F S B U P S T B O E U B S T B N I F B O X P O S H L 6 S T M X B T A S C O P M P O O S  
W J E F T B T J N Q M J m F E B S S B O H F N F O U Q S J O W B S M T M J O I R D R O M D Z J B J O S F F O V S  
B O E Q S J O U m O J T I J O H B O E C J O E J O H B X T P J S Q L R S M T F 5 J I O P F S V ( C S J P W Q I S P  
1 S J O U J O H 5 S B E F T 8 P S L F S T 5 I J T F N X J O J P S P S ( P S V Q V Q I T H S P ) V B O F E E X  
D S B G U 8 P S L F S T U P G P S N 4 V C N B K P S ( S P P S V L O S T S ) I B R O F E D J U D J S O B H G U I B O I P  
C J O B U J P O P G N B O V B M E F Y U F S J U J T U V D F T R G M T M Q F J D O J V B R M M M F F E E U J P O P N P

&

5 I F H S P V Q T G P S Q M B O U B O E N B D I O O M Z P S B S J B P O S T M J B W E F E C O  
P S H B O J [ F E J O S F T Q P O T F U P D P O D F S Y O T F U T B W R U M J Z T E C F B U S B W N P S E \* B  
P G E B U F J O T P N F B S F B T 5 I F S F H X S B F M B I C T M Z E C F D U V X M F U D J T O B E U  
Q M B O U P Q F S B U P S T B O E N B D I J O F P O O S B M B S T J m A F F E N B U P B D I V O B F U S J P  
M F W F M E V F U P U F D I O P M P H J D B M D E W F M S P J O B M F O C U S T P B O E T E T I T F D B P V O U L P  
by technicians from a central control room or console.

5 I F N B J O G F B U V S F T P G U I F D T B O D I P O D J F O S U O S T P E B V S D F F E U P B E E S  
B \* 4 \$ O 4 V C N B K P S ( S P V Q T C A F U S B B U W I P S O T B S B O 1 E M B O U B B D O I O F I  
O Q F S B U P S T B O E " T T F N C M F S T I B W F S C H F S F O V O S T F Q M B D F E C Z U X

**81 Stationary Plant and Machine Operators**  
**82 Assemblers**

C T P N F N J O P S H S P V Q T I B W F C F F O M N H S P H V O T X J J O S S F U M B S I F E X F n S F M  
\* 4 \$ O G P S T U B U J P O B S Z Q M B O U P Q F S B U P S T B O E N B D I J O  
D B O F X . J O P S ( S P V Q 1 S P D F T T D \$ P B U S E M B O E D B O J O D V J N B O F S I  
V O J U H S P V Q T P S Q B S U T P G V O J U O H F S P V H O S T P V I O B V G F S P C N F F \* 0 4 \$ O W F  
4 V C N B K P S ( S P V Q 4 U B U J P O B S Z 1 F M D B O U J O L H B O U E I F B D I F J O F E O P S  
U I F T F P D D V Q B U J P O T U P C F D M B T T J m F E B U B I J H I F S T L J M  
E B O V N C F S P G V O J U H S P V Q T I B O V D F F S O F L O I B N U F S U H F E D B I U F F S H P S J J F  
\* 4 \$ O X F S F U P P E F U B J M F E

\* O B E E J U J P O T P N F H S P V Q T J O X B J K U P I S H ( S P V Q T P B W S F O M F E F  
P D D V Q B U J P O T J O . B K P S ( S P V Q X G I U F S E F O E I S F E M J B U F O D U W S J P E O F T C F X P X  
on the one hand, and plant and machine operators on the other, was no longer meaningful.  
5 I J T X B T U I F D B T F G P S F Y B N Q H M P D D G V R O S B U O J S O O T U B I O H G P P S D V R  
machine tool setters and operators.

**3.7 Improved identification of elementary occupations and of occupations predominant in informal employment**

5 I F O F F E U P J E F O U J G Z P D D B M B R U N Q M P Z N F B U B S T U E P L N F  
J O U P D P O T J E F S B U J P O J O \* 4 \$ O Q P S G I N T O S F J D M Z n D J I S O V U H I H S I F F V O F M  
T J E F S F E U P C F J N Q P S U B O U J O U I F O S I O B G E P S D N P B O M D F T S F O D U P P S X F S M F S F U  
D P W F S B H F P G T V D I P D D V Q B U J P O P T V U S F F N I B J M O F Z E N F J O O U B E O R N B O Z F P  
U I F T F P D D V Q B U J P O T X F S F O P U W F T E G M B J B T J O U F F Z S O B S B P T O F B O M B N E  
J E F O U J m F E P O M Z B U E F U B J M F E M F W F M O T D R I G / E \* F 4 S O X P V O S U F Y H S N  
G P S T U S F F U W F O E P S T B O P D D V Q B U B I P O B M J B I S P V Q X U U B I U J O T G M S  
F N Q M P Z N F O U 5 I F T F U X P V O J U H S P V S T H S P S / R J O D M F W F F S J O T U B P P  
U P E P P S B O E U F M F Q I P O F T B M F T Q F X S J T U I O G P S N P E S M G S I Q R W F Z N U I V O Z U B

5 I F D P W F S B H F P G P D D V Q B U J P O B T M U A B O M B P S Z F N F O S U F E I P B N T J O B O O  
 F Y U F O E F E J O \* 4 \$ O 8 I F S F Q P T B H H M F F H B U F D I J O U P D W Q B B  
 H S P V Q T B O E T V C N B K P S H S P V Q T T J C N F B J M D M J P O X U F U S I O B U J P P O B C M F N  
 Q P S U F E E B U B 5 I J T J T S F n F D U F O P S G ( P S P V Q Y B N Q M ) B O E J J O S I B I G F U  
 8 P S L F S T N F O U J P O F E B C P W F B O V E D U V O S F B P O G V N B C K P S P S P V D Q B O  
 Elementary Occupations, discussed below.

" M U I P V H I K P C T J O J O G P S N B M 4 S N O M N B Z K N P I S O H S D P B O T C F U G P V  
 T U S V D U V S F P G . B K P S ( S P V Q & O U J F n D F B O O U B V S Z B O B D V Q E B L C Z P O  
 D I B O H F T N F O U J P O F E B C P W F \* O O B T S F U G D S V P M B S U R I F S J F O I B I T F C O F V N O  
 P G T V C N B K P S H S P V Q T J O . B K P S ( 4 S V P O V Q N B K P J S O Q S M P V E O J O H U 4 I B S D  
 B O E 3 F M B U F E 4 B M F T B O E 4 F S W J D F T 8 P S L F S T

5 I F \* 4 \$ O B O E \* 4 \$ O T V C F T N B K P S S . B O E S N ( J S O P V S Q H S F  
 Elementary Occupations are compared in table 7.

Table 7. Sub-major and minor groups in Major Group 9: Elementary Occupations, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
91	Sales and Services Elementary Occupations	91	Cleaners and Helpers
911	Street Vendors and Related Workers	911	PNFTUJD ) PUFM BOE OGGJDF \$ MFBO Helpers
912	4 I P F \$ M F B O J O H B O E O Elementary Occupations % PNFTUJD BOE 3 F M B U F E ) F M Q F S T \$ M F B O F S T and Launderers Building Caretakers, Window and Related Cleaners . F T T F O H F S T 1 P S U F S T % P P S L F F Q F S T B O E Related Workers ( B S C B H F \$ P M M F D U P S T B O E 3 F M B U F E Labourers	912	F S 4 H I S E , M I N D O W , S A W I N D R O A N D Hand Cleaning Workers
92	Agricultural, Fishery and Related Labourers	92	Agricultural, Forestry and Fishery Labourers
921	" H S J D V M U V S B M ' J T I F S Labourers	921	B O E H S J D V M U V S B M ' P S F T U S Z B O E ' J T I F S Z Labourers
93	Labourers in Mining, Construction, Manufacturing and Transport . J O J O H B O E \$ P O T U S V D U J P O - B C P V S F S T - B C P V S F S T J O H B O E \$ P O T . B O V G B D U V S J O H - B C P V S F S T . B O V G B D U V S J O H - B C P V 5 S B O T Q P S U - B C P V S F S T B O E 5 S B O T Q P S U B O E 4 U P S B H F - B C P V S F S T Handlers	93	Labourers in Mining, Construction, Manufacturing and Transport
		94	Food Preparation Assistants ' P P E 1 S F Q B S B U J P O " T T J T U B O U T
		95	Street and Related Sales and Services Workers 4 U S F F U B O E 3 F M B U F E 4 F S W J D F T 8 P S L 4 U S F F U 7 F O E P S T F Y D M V E J O H ' P P E
		96	Refuse Workers and Other Elementary Workers Refuse Workers Other Elementary Workers



\* 4 \$ 0 . J O P S ( S P V Q # V J M E J O H \$ \$ M B F S B F O U F S I T F S B T T  
 C F F O T Q M J U # V J M E J O H D B S F U B L E S T U B I S P V J E F J O U J . d e s j o s p 4 \$  
 # V J M E J O H B O E ) P V T F L F F Q J O H 7 V E O S F F S W \$ P W S J T E F E F J O B \$ B \$ D V  
 . J O P S ( S P V Q G P S I B O E M B V O E F S F S T X B J O E E P O X S F D T M F B O F S M F B J O  
 other cleaning workers.

8 J U I S F T Q F D U U P \* 4 \$ 0 . J O T P S % P P P S V L Q F - Q F S T . B O E F O H F  
 M B U F E 8 P S L F S T U I F C V M L P G P D D V Q B U % P O S L E M O F S T J m B E B U D I O O S  
 T P O T B O E 3 F M B U F E 8 P S L F S T B S F O P X J O 4 D F N D W S E E J Z J Q V B S E O  
 5 I F S F N B J O J O H V O J U H S P V Q T J O U J O T . N O O B S ( S I S P O Q B S F O W R X S J  
 Elementary Workers.

#### 4. NOTES ON SPECIFIC ISSUES AND BOUNDARY PROBLEMS

##### 4.1 Purpose of these notes

\$IBQUFS EJTDVTTFT BOE DMFBSPMDE BBSJFFBT CFQJ X\*F4F\$OO SF MXE  
 HSPVQT NBZ CF EJ DVMU UP E FYMUJTN JUU DE JOTTDJVT UTFOTU N B T JFO  
 QSBDOUJDF BOE CPVOEBSJFT IBWF DIBO BDE QFSUPXVFEF T\* 4B\$EOW JD B OP  
 B OVNCF S PG PUIFS TJUVBUJPOT IXI ANSPFT W I B Q Q \$ P I D I S T B U P F G \* 4 \$ O F :  
 code for a particular job or occupation may be difficult. In all of these cases special care may  
 need to be taken to ensure consistent interpretation in national adaptations and applications  
 PG \* 4 \$ O

5IF JOGPSNBUIJPO QSFTFOUOEDFICUSVBSMF NBVDEEBO\$JTN BCSJUM  
 categories in the classification, in situations where all information about the occupations con-  
 DFSOFE DBO CF LOPXO \*O TUBUJMTUJDI DBMO BBOEU BWNUOET UJSUB UJWC  
 UIF DBTF IPXFWFS UIBU POMZBBVBMJMNBJQNAE BOPVUUUPFG  
 QFSGPSNFE 4PNF JOGPSNBUIJPO JW JOESFOVDJFE FLEI BU I ANSEZG PCSIF OBF  
 UP EJ FSFOUJBUF CFUXFFO TPNIFP OFGE WII B UN B SFT IE JS EDTVONP D TH C  
 GPS UIF EFWFMPQNFUO PG UPPMT 4\$O TBVOEQ B S M BWIIFE J O B WJFPNF  
 classifications will be able to use this information to help make decisions about how best to  
 assign classification codes to commonly occurring occupation titles associated with these  
 difficult cases.

\* 4 \$ O IBT CFFO EFTJHOFES QPTJTB UU I FG PSSF TNOPTOUT FTU BUJPT  
 tions about (a) the occupation or job title and (b) the main tasks or duties usually performed  
 CZ UIF XPSLFS TIPVME CF TV DJF QUB O P F B T T JHSOP W J E FETJ HHJFD I  
 HVJEBODF PO UIF EFTJHO PG RVFTNBZ OCF BDEU P OC RU I B E Q S B D E  
 to ensure sufficiently consistent and accurate assignment of occupation codes, based on the  
 FWJEFODF UIBU NJHIU CF BWBJEM B O M T U S B O J O W F S D B O V M Y B S T  
 JTTVFT XJMM CF DPWFSFE NPSF O P I m p l e m e n t a t i o n G u i d e F M Z J O U I F

##### 4.2 Boundary issues affecting a broad spectrum of occupations

/ O "

ODDVQBUJPOBM DMBTTJm DBUJPOB To oE IOB O B PRODBMW QBBTU JXPFOM  
 occupational groups by reference to the most common combinations of tasks and duties.  
 Problems may arise therefore when, in the case of some jobs, the range of tasks and duties  
 QFSGPSNFE EPFT OPU DPSSFTQPOEDMYBTDUJmZD B B JUPIDTF\* O Q F D D m  
 BQQMJDBUJPO PG UIF GPMMPXGJ QHS FSDV M F O D J F T H T J W H F O F C E M P X  
 JNQMFNFUOJ OH \* 4 \$ O BOE SFMBUFE DMBTTJm DBUJPO T  
 B \* O DBTFT XIFSF UIF UBTLLT B O V E B M W U Z J P C U O B B O G E P S U N S P  
 EJ FSFOU MFWFMT PG USBJOJOH TB O H E F Y O F S J D F O P D S F E B O D C T X T I  
 UIPTF UBTLLT BOE EVUJFT XIJDI SFRVBSF J O I T F U B J O H D I F T U B M K W C M  
 DPOTJTUT PG ESJWJOH B WBO MJOBE JHOPH ETO EC ZV O B W O P E B E J O V M J E  
 CF DMBTTJmFE JO 6OJU (SPVQ \$BS 5BYJ BOE 7BO  
 C \* O DBTFT XIFSF UIF UBTLLT SEFOEU ETWUBJHFTT BPSG WIPFO QSD E  
 and distribution of goods process, tasks and duties related to the production stage should  
 UBLF QSJPSJUJ PWFS BTTPDJBUFFE TPBOMFT BVOEI NBFSUIFOTJIOHS FPMG  
 TBNF HPPET UIFJS USBOTQPSUBUJPOJ JPPSO UOFS ANB OTBTH FN P O U F  
 ample, a baker who bakes bread and pastries and also sells these products should not be  
 DMBTTJmFE BT B TBMFTQFSTPO O V U B W F B N C T B L F 6 S O J X I J O S I P N O  
 #BLFST 1BTUSZ DPPLT BOE \$POGFDUJPOFSZ .BLFST

\* G U I F S F J T B O F F E U P E J T U J O H Q J T T D N B D T D V J S B R U E F M I O Q V O X N B O P B D ( D S V P O / E O U J P 4  
 ' B S N F S T ' J T I F S T ) V O U F S T B O E ( B U M F S V S B M B O G E P S E T U S S Z I B J O M E M H E I F B S J X P S L  
 R V F T U J P O P O T V C T J T U F O D F B D U J W J U Z N B Z B M T P C F B E W J T B C M F

D 8 I F S F U I F U B T L T B O E E V U J F T L Q I M S N G P N S N W I E M B S B F O E P B U I U B I U F U T I F N  
of production, jobs should be classified according to the predominant tasks performed. For  
F Y B N Q M F B i m S F E P P S J O T U B M M F S W P S I B Z S B N I F F N E O M E F n B O U E J O O  
and also install and connect electrical wiring systems so that the door will close automat-  
J D B M M Z J O U I F F W F O U P G B m S S F T B M B S M M T \* O C R U J J T B D B B T F D B S O  
and as an electrician, but the most time-consuming part of the work relates to carpentry.  
\* U T I P V M E U I F S F G P S F C F D M B T T J m B E E J O + B O O B S ( T S P V S O U I F S S  
J O 6 O J U ( S P V Q # V J M E J O H B O E 3 F M B U F E & M F D U S J D J

\* O \* 4 \$ O B Q Q S F O U J D F T B O E H U S F B J W I F F T P D B S V Q D B M B P D J n d f E Z  
training for, if they are employed in the capacity of apprentice or trainee.

5 I F \* 4 \$ O J O U S P E V D U J P O U S B J O T U F B U B S F i " D O M B f O U d n  
according to the tasks and duties actually performed, and not, as is the case with some occupa-  
U J P O B M D M B T T J m D B U J P O T B D B P S E B J O Q H S F U O P U J D I F F T J S B O G E V U S B F  
I P X F W F S Q F S G P S N U I F T B N F U B M U n F E T X D S E P F S T Q E S G P E S P N F  
V O E F S W B S Z J O H E F H S F F T P G T V Q F S W J X P P V O M E . P O S P B W O E S P W J P E U  
cient detail to allow us to determine whether the apprentice performs the same tasks or dif-  
ferent tasks from those performed in the occupation for which he or she is training.

\* 4 \$ O U I F S F G P S F D M B T T J m B E E J O + B O O B S ( T S P V S O U I F S S  
J O T U S V D U T U I F N J O B O P D D V Q B U J P O M B O T W n F D B B N F F O X B " Z O W S S O V  
D B S Q F O U F S T B O E B Q Q S F O U J D F m F M F B D T U B B S O B O U F S G P E S O E Y F B M  
D J B O T . F E J D B M B O E M F H B M J O W F P S S O T T B B O S E F M B N K J Z M B S M Z I F M B T U S E  
B M T P I B W F K P C T J O B S F M B U F E B P D T D J n O F B E U J B P D O D P B E E J D F H K L P F C T U I T I P  
S F R V J S F E U P C F Q F S G P S N F E T V D I E G T P S X I F Y O B M O E M J F D B B A S I P S F N M O F M  
as ward attendants, medical assistants or legal clerks.

\* U T I P V M E B M T P C F O P U F E F W I L B J U P O S T F T Q S P F O R T V F F T O U M Z T E B U O P U  
U B J O J O G P S N B U J P O B C P V U B Q O D S J F m O D U J R D V F F T P U S J P U C S T B J B O S F F B T U L  
J E F O U J G Z U I J T H S P V Q \* G J O G P S N B W B R J O V T B C H V S F R O Q S F O U J D B  
N P S F F F D U J W F U P U S F B U U I J T S B U F B R V F F O B S B O F S M B U S I F S C M I F B C  
tempt to identify apprentices and trainees as separate occupations in a national occupation  
classification.

**4.3 Managers, supervisors and operators of businesses**

! "  
5 I F E J T U J O D U J P O C F U X F F O N B F O B J H M F Z S D B V O T E F T E V Q O B S W U J P S T  
Q S P C M F N F Y J T U F E J O \* 4 \$ O C V U T J P N F J H M O F I S W F E P S Q P A D O V Q E  
U J P O T B S F J E F O U J m F E T F Q B S B U F M J Z F G S B N F U D S J B D D B M B B J P F O S T F O U  
U I B U T V Q F S W J T P S T B S F S F T Q P O U T J M C J M B F F O P N G Z P G I P S S T X P O S L S W T J T K F  
U I P T F D M B T T J m F E J O . B K P S ( S P V Q J C J M B O U B Z H F G S P T S I B W F F P O V F F S S B U M I  
a business or an organizational unit.

# P U I N B O B H F S T B O E T V Q F S D M P J O T L P S S P T M O B M E O E J S F S D H U B O J F F X  
E P O F C Z P U I F S T \* O B E E J U J P O N U B Z O B H P I S S B O V E T W B M M Z E F I B J M F J P S C F T T O B  
B U I F P W F S B M M T U S B U F H J D T B O P E S P P O S F S B O U J P O W J P N B M J S V O D  
F Y B N Q M F B C P V U U I F L J O E T R V B O B E V D F E O E R V B M J U Z P G H P P

---

Where students are undertaking work practice not as part of an employment arrangement, they are not classi-  
m F E B D D P S E J O H U P F D P O P N J D B D U S J W J F L B Z S O W O H V E F D B J W F J U C M X P Z V F M E B O E S O G P P S F  
C F D M B T T J m F E C Z P D D V Q B U J P O " N P O I J T O T F J E U W D B E U J P P O O B N Z Q C S P H G S B B J N S M F Z T D G P P N S C  
P D D V Q B U J P O B M H S P V Q T D B S F T I P W M B Z C F U B B I L V F T O X U I P O D D I P O L T J F E D F I S O B M J B D E D V O  
T V D I B T I T U V E F O U U F B D I F S W P S D Q V D O M O V S T F w J O T U B U J T U J D B M D P M M F

C CVEHFUT IPX NVDI NPOFZ JTTUPBOE TQFOU BOE GPS XI  
D UIF TFMFDUJPO BQQPJOUNFOU BOE EJTNJTTBM PG TUB

\* U JT OPU B OFDFTTBSZ DPOEJWUJPUOZ UGIBSU ENNB M BWHIFSSFTF IBOV  
BOE PQFSBUJPOBM EJSFDUJPO CVEHBMUT 5B DEE FHW \$FFTP M FBDWUJPO  
UIFZ FYFSDJTF NBZ BMTW WBSZ

4VQFSWJTPST NBZ QSPWJEF BDEWUJDFFBDEUBJTSJTUBTOODFFD  
JO SFMBUJPO UP TUB TFMFDUJPO PBOEZEUPNNBLBMEFQJVTUJFEPTOF  
VTVBMMZ IBWF FYQFSJFODF BT XJPSDFSWIBZ TPVQFFSPVJTFPSBOFE  
OPU VTVBMMZ TVQFSWJTF UIF BDJLEFWSBDFHTF PGG XPPDSLVSBUJROIMF

.BOBHFAST EP OPU OFDFTTBSJMGZBIMONP XPGMIFUPTUCBFSETRQMP  
JO UIF VOJUT UIFZ NBOBHF BMUBI ZVHU JCT GPSNFRVDFJOSUDWZTUI  
UIBU NBOBHFAST QMBO DPPSEJOBSLIFSBTOENQWMPUZSFEMJQIB XDEJFVSJ  
of occupations.

! " &

4FMG FNQMPZFE XPSLFST XIFSPQOESBQFOUEIFOSMPXOPSCXKJJO  
TJTUBODF GSPN B TNBMM OVNCFS NCBOPJHFSTFOGSEFQVFBDEJNMZJOTF  
USBUJWF UBTLT BT QBSU PG UIFJKSPOPSENSBFMPBDMUZJWJUBZTTJOF\*E4\$  
(SPVQ .BOBHFAST JG UIFSF JT FWHFEFQOFSWJBTU PNOBQBHTFWF O U J  
NBKPS DPNQPOFOU PG UIF XPSL QFSJGPNIN FNEFDIBSOJFDYBXNQMPEXOB  
and operates his or her own workshop and employs a small number of other mechanics, a  
SDFDQUJPOJTU BOE B DMFBOF SOHCWIFJTDNTE TBONEPIS PGOB\$M  
UIF XPSL PG UIF PUIFS NFDIBOJDT JTPWMSB T7FJIMBEO. F6DUIBUO Q  
and Repairers.

\* U JT JNQPSUBOU UP OPUF UEBUF T\* 4\$POU UB LMI JLOU PU D POSTFJEF  
whether a worker is a working proprietor or not, as this and similar attributes of the labour  
GPSDF TVDI BT CFJOH BO FNQJOP ENQMPFSZ NBFOUFBOMPOZPFUF U  
tasks and duties of the worker. It is better therefore to treat this characteristic of jobs as a sep-  
BSBUF WBSJBCMF DMBTTJmFE BUDIFPSOJQBOURJPODBMBSM BDTBUJm  
PG 4UBUVT JO &NQMforntfo related \$4& status in employment should not  
HFOFSBMMZ CF UBLFO JOUP DPOTJEF SBWJFHOP SJJOTBT 5JHOGJEDHU KU  
B XPSLFS JT GPS FYBNQMF BOSPXOFFSITP6NQMIPQZVEJNBZTI  
little or no relationship to the kind of work performed.

"

5IFSF JT BOFWJEF OUSPEVDUPSZ SFMBUJPOJ[BOJPOUXDFXIJDFBJXPSR  
FNQMPZFE BOE DBUFHPSJFT JO \*4\$ONQMSFFMUBIUPFE WPDNWBQOBUJPM  
DMBTTJmFE JO .JOPS (SPVQ VBQVHTJ OHS%JVSTFVDBUMPSIZB  
NBOBHFAST JO PSHBOJ[BUJPOT UIBSDBZFPMBNSBHFBIHOSVHI4UNJIMB  
NPTU PDDVQBUJPOT DMBTTJmFE JO3F4WBJMBKPOSE(OJUVQS4F)SPW  
.BOBHFAST BSF UIF NBOBHFAST PG SUFMEBPUJOAPFUMZTWNBNMIMZPSBHW  
BSDIJFT PG NBOBHFAST 8PSLFST"DMJBOTJTJHsBEJ JWF4BCE N\$BK  
NFSDJBM .BOBHFAST BOE 1SPEVDQBPHOF SBTOENBZFCDBIMNQIMEPZ  
JO MBSHF IJFSBSDIJDBM PSHBOJ[[EBWJPPCOTT UPI\$UJQSSPFWUJEHJWCF  
TFSWJDF TUP PUIFS PSHBOJ[BUJPOT

%FTQJUF UIFTF SFMBUJPOTIJWITF PJSCHBPOSJNBUIJPO BCPXWWDUIHFC  
EJWJEVBM NBOBHFS JT FNQMPZFEJEDT BDEPHUF OFFSBNM TUZ BSCQVSPVQBS

4FF \*-O \$VSSFOU HVJEFMJDBTJPCOUPIG \*4QUBFLSOTB UJQO8BNMQMIMBNFJOMU D  
PO UIF \*-O XFCTJUF BU IUUQ EBKXBCBIMFTF FSHB UHIMUPQEBMPWHSWJF XJEDCE BUC  
FNQMPZNF OUVSSFOU HVJEFMJDOFT MBOH FO JOEFY IUN

\* 4 \$ O D P E F 5 I J T J T C F D B V T F \* 4 \$ O B D D P S K E P S H S U P V C G V O D T U P P S O  
specialization and not according to the size of the organization managed.

" M U I P V H I N P T U T I P Q N B O B H F S G T P S G S P S M F B Y L B J N W O A M F Z B S B M S M T E T  
ments, the managers of large supermarkets and department stores are still shop managers.  
5 I F Z B S F D M B T T J m F E X J U I P U I F S T I P F O U B L B N O B B H O F E S T B I P O M 6 O B M F ( S 5 P S V  
. B O B H F S T 5 B L J O H B O P U I F S F Y B N Q M F G F U Y I F D V B Z W D F I B S B D M U B F T S T J T r n  
. J O P S ( S P V Q B S F U I B U U I F Z D U P J F S T E P C G B P B I B S E N B O S H D F U S T U K F  
I B W F B S B O H F P G T Q F D J B M J [ F B G P V B O S D E U P B O E T J S F B D O U E P S U T I B B I J T I  
S F T V M U Q S J N B S J M Z P G U I F X B Z J F O P X G J D I F N B O B B O N F E U J B O E J  
S B O H F E B O E S F n F D U T U I F D P N O M F Y B J T U Z N P G I U B I F P U S T H B T O J F B U

192. It is therefore not recommended to use information about the size of the organization in  
X I J D I B X P S L F S J T F N Q M P Z F E N F B P Z S F E P S U F S O P V P I G S O P N S C B S  
U I F O V N C F S P G T U B T V Q F S W J T F E D M L B P T T E J m F S F J O O J U B I U F F E Q F R  
T V C N B K P S H S P V Q T P G . B K P S ( S P V Q P S H 4 B J O J M B B U S J M P Z O J O G P S T I N I P U  
O P U C F V T F E U P E J F S F O U J B U F N B O B O H F T S T F G S D P M B F O F S H E P S O P  
N B K P S H S P V Q T 5 I F N P T U S F M J B C M O F T X U B Z U U P U N B I B M U B F O T E F E E N U U  
U J W F D P M M F D U J P O T J T M J L F M Z W I P U G F B B D D V Q N B M J F P D O U P J S O G P S C N B U  
the main tasks or duties performed.

4.4 Related occupations at different skill levels

1

5 I F S F B S F N B O Z D B T F T J O C P U D I D V Q \$ O J P O B - O L E I B \* U \$ B O S F S F X  
U J W F M Z T J N J M B S J O U F S N T P O M B F T O T F J D n L T E P I O E U J M S M O T U Q N B K B S M  
C F D B V T F P G E J F S F O D F T J O T L W X M F M O M T V W I F N D D 8 / Q U B W T B O U I  
G S F R V F O U M Z D M F B S D V U B O E X F I M S F V D O B E S F F S T O U F F F E E T U U P I F C S I F W  
U P F O T V S F U I B U T Q F D J m D P D D V Q B U J P S C F B M B G S P V C B T O Q S P Q S F B O  
U P \* 4 \$ O D B U F H P S J F T \* O H F O M S B O M F B U Q O M G J F F M M I O X N O H J Q S J  
T J P O T B C P V U X I F S F J O \* 4 \$ O U P X D J M B T S T F T G Q F O B J S U P D V M B N S M P D  
B % F D J T J P O T T I P V M E C F N B E F O P S O G R I S N F E B T S J B T U I F S U I I B O U  
U I F M F W F M P G R V B M J m D B U J P O T S P O R W J I S F E Y U G O B J Q U P S X J J D V I M B  
P D D V Q B U J P O T D P O D F S O F E B S F G P S C N B B U M J M O T S F U H - B M B U O E V P M O W B  
G P S N B O D F P G U I F T B N F U B T L T B S O F B M H X S P Z V Q D N S B H B S r h M E F T J T O P  
E J F S F O D F T J O O B U J P O B M U S B J O J O H P S S F H V M B U J P O  
C 5 I F B D U V B M R V B M J m D B U J P O T V M B M E K P C Z T U P V M D E F S O T P R J O C I F P M  
into consideration.

D + P C T I F M E C Z F Y Q F S J F O D F E P S M I B H T M r z F R E V B O M J m F E T B O E J W S I E  
U I P T F I F M E C Z M F T T X F M M R V B M G r S N F J E O E B J S V F J E V T B T M F T O X J B O M M  
T B N F F W F O U I P V H I U I F N P S F R V B M F J S r G P E S N O N E B S V F J E V B D M V T M N U B P S T  
D P N Q M F Y U B T L T ' P S F Y B N Q M F T N B K T W O F . S P S D B D S E O S F O O F U O F U S F T S T T  
apprentice carpenters, who build structures using wood and other materials, are all clas-  
T J m F E J O 6 O J U ( S P V Q \$ B S O F O B U S S N B I O E E + P O O B S F C B I J M  
U I F S F R V J S F N F O U T G P S F O U S Z M F W F M K P C T G P S G V M M Z R V B

5 I F C P V O E B S J F T C F U X F F O P D D V Q B U J P O T F N D F O B B S Z m O B D J M O B E  
U J P O T B O E U I P T F U I B U B S F S F N B U G E V U J D M U B F T S T N J m P E G J T O L J B I K M P S T Q S F P  
B O E N B Z D B V T F V O M B J S U X D V O M P S D E M Q E B T U J B O S W J U B M O F E T w T V I D P O T U S V  
U J P O X P S L F S w i Q S P D F T T X P S L F S W F O P S S B M B O S J J P O S D Z J O X M P S L U F F  
B E P Q U F E J T U I B U P D D V Q B U J P O T D M B I D T W P M M E V F J O U I . F B K O P F S S C B S M O D  
T J N Q M F B O E S P V U J O F N B O V B M B O E Q S Z B T J J O D J B O M B B E L O P U N E P U S F S F U R  
basic skills in numeracy, literacy and interpersonal communication. Whilst the operation of  
D P N Q M F Y N B D I J O F S Z J T O P U J O W B M W U F E P M U T I F N B Z F C P G S F B O

8 I F S F C P V O E B S Z J T T V F T B S T F B P S G Q S P S W J I E F V E M J B O S U D I P O O D P P  
J O D M V E F E X J U I U I F \* 4 \$ O H S P V Q J I E P O m O J W M I F O T T J O 8 D M B W E O F N F J T O P

HSPVQ BSF BMTF HJWFO 8IFSF JUPSTTUOPMBS IWPX\$MWF SBSEIBUF  
EJ FSFOU DPVOUSJFT UP SFGFS UP PDDVQBUJPO THS RMBOTT JNFETFOU  
IBWF OPU HFOFSBMMZ CFFO MDJTWCFE UJ D DEX OHSJ OU IIFI FM JT U  
cupational titles \* 4 \$ O 7PMVNF \* O UIFTF OBFCE RUIPFCSE DNBTEFFT E FI  
JO UIF OBUJPOBM DPOUFYU CBNTFE P50I FUFY BCNEQUWIST IPJGT DJV F  
CFMPX NBZ SFRVJSF QBSUJDVM BSBFBUUFF QPJDOTBNEE IN BZC PTW S

2 " # O

ODDVQBUJPOT XIPTF UJUMFT D D O U W B J N B D I F C F X P G S E V I O E V S J T C F w 6  
(SPVQT /VSTJOH 1SPGFTTJR O B MFTT BJOPEO BMT BVSXFOMH  
.JOPS (SPVQ 1FSTPOBM \$BSF 8PSLFST JO )FBMUI 4FSWJD

5IF CPVOEBSJFT CFUXFFO UIFTFS BBSMDE B OFUEFSN OFEGJOIE  
group definitions and associated notes. In summary, nursing professionals assume responsi-  
bility for the planning and management of the care of patients, working autonomously or in  
UFBNT XJUI NFEJDBM EPDUPST BOTEJ PPOUBIMSTQ S/PVSTJE OHC BTJTDP DOJVB  
BOE QFSTPOBM DBSF BOE HFOFSBOM MVZQ QPSU VGENSEU DFB MV OCFVSS  
PS PUIFS IFBMUI QSPGFTTJPOBM TSTP IDSTMP ODBMS FD BDFE XBPTSLJFTSUTB Q B  
NPCJMJUZ BOE BDUJWJUJFT PG EJDJHM D BNS F WCJFOZHP OCEV UB TETPJ TOUPJW HQ SOP  
with oral medications and changing dressings.

ODDVQBUJPOBM UJUMFT TVOV SBTF wO Vi\$TBSHFT DTVLSFT\$wv ii\$FHF  
OVSTFW IBTTJTUBOU OVSTFW iCFWS TBJOEH IDTVSJTTFU BOEJFW IOBFVFEJ  
CFNBQQFE UP UIF BQQSPQSJBUF CB\$FOE POVWI.FUVHBSHPV QPGR  
UIFTF UFSNT JO UIF OBUJPOBM D D O U J F Y O U J M M F R V B \$ F T R N I F U F C  
\* 4 \$ O HSPVQ EFMOJUJJPOT BOE JODEIF YUJWMFFT DDPBZ WGB SOZS BODFUL  
DPVOUSJFT BOE XJUIJO DPVOUSJF G P S W F S U D J N P O T J E B \$ O F D F U B E  
workers in jobs with these titles are competent or authorized to perform in the national con-  
NFYU BOE UP DPNQBSF UIFTF UBTLTH X P V I Q U B P R F O M U J T R O F E J D O U  
UP EFUFSNJOF XIFSF JO UIF DTM BTFEJ m D O B U W I P J O K B D I B U M M M S  
UFSNT DBO CF BQQSPQSJBUFMZ J D V O M B / E F F E O B O M U U F U O M F U J P O B M J

- \$ O

ODDVQBUJPOT JOWPMWFE JO RUOFCDF B\$SPFX BOOSEJ NE B W Z M D O R N F K U  
NBZ CF DMBTTJmFE JO 6OJU (SPVQ \$ & J B S E M Z B S I B M B E P I S P L F E S R  
PS 5FB D I F S T " J E F T

+PCT DMBTTJmFE JO 6OJU (SEPVO UIF FEUIFS LGSPV CUJUP THS B  
JO UIBU UIFZ QMBO PSHBOJ [F UBJOVEJ UD P D E M B U B S F V D J B W J F R O E  
QSPNPUF UIF EFWFMPQNFOU PG DIJNME ISPFVCH IC B M PJX O S P J N B S X V J T D B  
UP DPOTJEFS UIF GPSNBM RVBM J P V D M B E U C F F O D P I U F M E E U C I Z U O U E F J S W U J J E B / S B Z  
mDBUJJPOT JO FEVDBUJPO BOE FBS MVZ M D Z I J S M F R I P J P S E F E F W F M P Q N F O

\$IJME DBSF XPSLFST QSPWJE FOD B\$SFFB BICFES TT V O F S F W T J T O J P S O G R G  
TJNJMBS EVUJFT BOE BMTF QFSGPVSUN FBI SJPOBFTT B G U P W F B S I O O O  
Neither of these two groups generally plans and organizes structured play or educational  
BDUJWJUJFT BMUIPVHI UIFZ NBZ DBJTWJTWJED UIF QSPWJTJPO P

) & & \$ &

5IF EJTUJODUJPO CFUXFFO QPDDVQBSUBJEPJOTJP D MNB TBTOE  
\$PNQMNFNOUBSZ .FEJDOF 1SPGFTTJSPONBOMTF NE O E B S Z . F E S I B O U F J  
"TTPDJBUF 1SPGFTTJPOBMT IBT DJF S U O P J O R O Z U J B T M Q E D J B M B Z T B O S  
XIFSF UIJT UZQF PG QSB D U J D F S J W J O P U Q S B V S J T J P G O N B J O T U S F E

" LFZ QPJOU JT UIBU USBEJUJPOE SP B O E T D P O N O M T F N E F O U F B S P Z O N E O E D J  
ment treatment plans for human ailments by applying knowledge, skills and practices for which

DPNQFUF O U Q F S G P S N B O D F S F R V J \$ I F G T F B O E O F T Y J O W F S J T F O W D E F Z T P G S J U H J F C  
 J O T Q F D J m D D V M U V S F T 5 I P T F B P D M F V Q B F U J F O T J W I F P T O E Q S B O B U  
 C B T F E P O S F M B U J W F M Z T I P S U Q P O S B R E E T U P S G B J G O P J S O N H B M P S B D R Q P  
 formally through the traditions and practices of the communities where they originated, are in-  
 D M V E F E J O 6 O J U ( S P V Q 5 S B E J O U F J P O B M D B O U E F \$ I P S P O G M T N J F R O O B

" D P N Q S F I F O T J W F M J T U P G O I F F P D D I D V Q B W I J F T O F B M S D V Q M F J T T  
 D M V E F E J O U I F V O J U H S P V Q E n d e x O f J o b C o u p o n a t i o n a l B o M B I C E M \* F 4 \$ O  
 P O U I F \* 4 \$ O X F C T J U F \$ B S F T I P W M O H C B I B B E L F P O D D M P O X F U M I P S O B M O  
 J O O B U J P O B M D P O U F Y U T B T U I F T U B T O F P G S O S B N U E D E Z B O C E E O V B U  
 V T J O H U I F T F B O E T J N J M B S P D D V Q B U J P O P W O U S M Z F T \* N O B Z P W B S Z P G O B  
 U I F S F N B Z C F B M J N J U F E G S B N F B B \$ R O G P S O U U F F - S n f D M P E H O P J U D P P O  
 mentary medicine, or the regulatory framework may not allow the performance of certain  
 U B T L T " T X J U I P U I F S P D D V Q B U J P O C B M I H S P V L O X T P H S P V E Q T U T I O P D U M I  
 made on the basis of the tasks performed in these occupations in the national setting, rather  
 U I B O P O U I F R V B M J m D B U J P O T I F M B Z C F J O B E Q W S I E Q S M B U F ' P L S P F D B  
 practitioners who administer treatments within the framework of a treatment plan established  
 C Z P U I F S T J O 6 O J U ( S P V Q S B U I F S U I B O J O 6 O J U ( S P V Q

/

O D D V Q B U J P O T U I B U N B J O M Z J E O M E P M S F F T R U C B B O S I P O B B B U G P P E  
 J N N F E J B U F D P O T V N Q U J P O N B Z C F D M B O T U H S P E V Q T O P O F P G U I F O

- 3434 Chefs
- 5120 Cooks
- 9411 Fast Food Preparers
- 9412 Kitchen Helpers

\* O E F U F S N J O J O H U I F C P V O E B S M P X J O H U X I P B O U U I F B T S F F H P S G P V O C  
 U J D V M B S S F M F W B O D F

B \$ I F G T D M B T T J m F E J O 6 O J U ( S P V Q O E N F Q M T B O D B S O F E B B I F W E J  
 B O E P W F S T F F U I F Q M B O O J O H P S H B P O G [ B B B M O T Q S F O B S B U J P O  
 C 8 I J M T U D P P L T D M B T T J m F E J O Q 6 S O F J O B \$ S P W O O E D P P Q L M B O S E  
 P G E J T I F T U I F Z E P T P B D D P S E J O H J P O P F G D J O I F T G T P S S V I Q F E Z F S E P U I  
 H F O F S B M M Z E F W F M P Q N F O V T P S D S F B U F O F X E J T I F T

D ' B T U G P P E Q S F Q B S F S T D M B O E J D m P P E L J O H T E O S B I U S ( B S P V Q  
 range P G G P P E T P S C F W F S B H F T J O W P M W B J O T H B T M M Q M V F N Q S B C  
 P G J O H S F E J F O U T 5 I F L F Z Q P J O W F J S T B H A B U G P U S F X I J O S F I O Y B U S F F O T G J  
 U S B J O J O H J O G P P E Q S F Q B S B U J P O J T O P U S F R V J S F E

E , J U D I F O I F M Q F S T D M B T T J m F E E B O T V O Q Q B S ( U S R V P Q D P P L T N B J D O M T Z  
 X B J U F S T C Z L F F Q J O H L J U D I F O T B O E B O P E E B T F T S W U D O H B S F B T D R  
 food preparation tasks.

F + P C T U I B U D P N C J O F T J N Q M F B S O R U Q B S M E F U N J F P O O P P G G O P N P E F O U U T F  
 T I P V M E O P S N B M M Z C F D M B T T J m F E B T J O B Q O O S F P O P S J B U I F G P M M P

- 5131 Waiters
- 5212 Street Food Salespersons
- 5246 Food Service Counter Attendants

\* O U I J T D B T F U I F I J H I F S M W W D M U B G F T L Q S F M D F S E F R O D F S P W F  
 T J N Q M F G P P E Q S F Q B S B U J P O U B T Q L F T D J H O F E M J O F T X D U J J P O O S J P S J B U C Z F  
 G \$ I F G T B O E D P P L T X I P Q S F Q B S F P N M P S E F F D E P J N S O M I F Y T E S T M F D F B  
 clients should be classified as chefs or cooks, in line with priority rule (b) specified in sec-  
 U J P O B C P W F

" M U I P V H I U I F C P V O E B S J F T C F Z X F M O B S I D T P F O D I S O V Q B M B S E S F  
 be more difficult in practice to establish national rules on how to classify particular jobs based  
 on limited information, such as the occupation title and a short task description. Occupation

UJUMFT MJLF iDIFGw BOE iIFBE DDPiOvm ENFBCZDH FOP SBOUM Z (SPVQPEF  
Chefs. 5IF UFSN iDPPLw XJU IPVU GVS WIMES HRFVBFNB MMB UCIP O  
DPEFE UP \$PPLT

8IFO UIF UZQF PG GPPE DPPLSEZ JUTPTQ PWTm EE SJ UU INFZD RFL  
QSPDFTT VTFE BOE XIFUIFS JO \$HFFHBBB \$BOMBMZ DPQW FZUB DTVP  
UP B TJNQMF QSFEFm OFE QSPDVFDTIT BT PiSB NCB SNHOFNS F DPPD W  
XPVME HFOFSBMMZ CF DPEFE UP T6 O\*JW NB BZ QD BTFT J BGP S'NP  
UJPO BCPVU UIF FNQMPZFS NBZ CFB QUNB QCSY MB WFO DEFJFF S NPJ S JFOY  
BNQMF JU NBZ CF BQQSPQS JBU IS ULBB OD R OM ME E S PIXCP RGLBTW G  
chains, specializing in hamburgers or fried chicken, as fast food preparers.

5IPTF DPPLT XIP TQFDJBM P[ B QBSQS D QNB \$SOHB E JPTO B  
regional cuisine and generally prepare a wide range of dishes should be classi ed in Unit  
(SPVQ \$PPLT FWFO JG UIFU BIPP EB XBZ T P \$WNMEUJO B GB

& &

%PNFTUJD )PVTFLFFQFST DMB TPTN mTFUEJ DJ OS M B B O F (SSTP B O E  
)FMQFST DMBTTJmFE JO 6OJU Q SDPPVNON PO 5 HFB WFFZ E JOVSN C  
FODF JT UIBU EPNFTUJD IPVTFL FFSHFSTJ UBULJP OFB QP OTTVJCB \$WU Z  
IPVTFLFFQJOH GVODUJ POT JO QSOW BRUFU I P N FIP M-BTM MB TP G FUMAM F  
UJ POT UIFNTFMWFT %PNFTUJD DMB B O FSBTS \$D EP V EUMQIFSTF GPVOO D  
VOEFS UIF TVQFSWJTJPO FJUIFS PG PB/ TQFLSFTFOCF SF NPSM PZ F E B F NBC  
of the household who takes responsibility for the organization of housekeeping functions.

4.5 Boundaries between occupational groups in agriculture, forestry and fisheries

211. In classifying occupations in agriculture, forestry and sheries, particular attention may  
OFFE UP CF QBJE UP UIF CPVOEBSJFT CFUXFFO UIF GPMMPXJO  
BHSJDVMUVSBM QSPEVDUJPO NBOBHFSST GBSNFST BOE GB  
NJYFE QSPEVDFST PG CPUI DSPQT B B S TB PGN BNS PQ B OFEST B O  
NBMT  
PDDVQBUIJPOT DMBTTJmFE JO 4VC NB KJPTS F(SSTP V) DV OUF \$ V CBF O E U  
(BUIFSFSST BOE UIPTF DMBTTJmFE JO (B PV Q N B SL B W EP S J F O U F  
TLJMMFE BHSJDVMUVSBM GPSBKPS Z(SPVQ m BICFES ZM X PS  
CPVSFSST DMBTTJmFE JO .BKPS (SPVQ & MFNF OUBSZ ODD

," & " # & & "

. JO PS (SPVQ 1SPEVDUJ PUCS Z. B B E H'F \$ TF SJCF T" H S JDFV  
stricted to those who manage production in large-scale agricultural, horticultural, forestry,  
BRVBDVMUVSF BOE mTIFSZ PQFSBUJP QTB S H F DQ MPBQF S B U J P O T XN  
S B O D I F T D P M M F D U J W F G B S N T S B S E T H T P P Q W F S B B U J W F S T B S D S I Z C  
managers and the production manager reports to a managing director.

i'BSNFSTw PO UIF PUIFS IBCEPH DOGB \$BM MZI FFX OF B O E S R  
a range of management tasks as well as tasks directly associated with agricultural produc-  
UJPO 5IFZ BSF DMBTTJmFE JO UIFS B W Q S P Q S L J B M M F V E O J H S H S R W O U  
Forestry and Fishery Workers, depending on the type of farm they operate.

8IJMTU UIF EJTUJODUJPO CFV B M F M O Z UR F T B FU X P S B S R V O G T P S X E  
NBZ CF EJ DVMU JO QSBDUJDF U P D E F W O F S W J J R O F X J E W I F S M B L K P I O  
NBOBHFSw TIPVME CF DMBTTJmFE JO 4 V E D K P S F S N P T V Q B Z P N S P T B K P

\* O T P N F D P O U F Y U T U F S N T T V D I B T P I S H F R S W M B O T E T I D O P U L S W I N B O Z H I C B C M I Z F E \* O T  
B M U F S O B U J W F B Q Q S P B D I F T B E B Q E F W E P U C F O D B U O J P J C E F M F I S F R V J S F N F O U T N B Z O



commonly be used in situations where the owner of a farm has engaged an employee to  
P Q F S B U F U I F G B S N 5 I J T F N Q M P Z F F L F B D U B W G F B S Z N F O S F X G P S A N X T O U  
B O E P Q F S B U F T U I F G B S N B O E T I P V M B I E F E D M U B J T O D r h E P O J O C F B J K X P I  
the farmer and farm manager in such cases is primarily a function of status in employment

\* - 0 S B U I F S U I B O P D D V Q B U J P O X I E \$ m Q F F S G R O S N F S N T B O E G J U T I  
H F O F S B M M Z S F M F W B O U G P S E F U F S R E E J O P H J U I G P S R B W J P O Q B F  
T Q F D J m D K P C T T F F T F D U J P O B C P W F

5 I F S F N B Z C F D B T F T I P X F W F S T X I G F S S N P D B V O C B H U F J S P O B O E M I S B O  
N B O B H F S w N B Z S F G F S U P U I F N B O B M F N F O W F P S G O S T P E T V D X J J U P I O I J O  
chies of managers. When this is the case, it may be necessary to consider the way in which  
B H S J D V M U V S B M Q S P E V D U J P O X T F M P S H B T O W I F E V T B F U P G I P D O B W O B A  
U J U M F T J O U I F O B U J P O B M D P O U L F Y P U O B M D E P O C E S S B W D P F E F W F F W P R O D  
of such occupation titles.

! 3 &

5 I F O P U F T Q S P W J E F E X J U I . U I Y F F E E F S n S O U B P O C E P G J A N O M J U  
1 S P E V D F S T T U B U F U I B U B H S J D V M U V O S U B M M Z X J P S W F P S M W X H P F J U U B S L S  
B O J N B M T P S H S P X J O H D S P Q T C V W J B J M T J P O J O S A P P O M M S P X P O I R P S D U E  
B O J N B M T S F T Q F D U J W F M Z T I B D M N O P W M C F D J O B O T V E L I E F U C I F  
C F U X F F O N J Y F E Q S P E V D F S T B O E T Q O E P T B M J P T N U F C O S S P E O V N O F S I T N B Z

\* O T P N F D B T F T U I F P D D V Q B R S J P F O Y B U N Q U N M F F V G F B I X J S M F M Q E O T  
B T V S W F Z R V F T U J P O P O P D D V Q B U J B O B O B W F E F W I B C M F P N S P O F S X  
B I T I F Q I F S E w J U T I P V M E O P U C F E I O F D I F T T \* B O S Z N B O Z T F B L T B E E J O G P  
U J P O B C P V U U I F N B J O U B T L T Q F S B S Z S N F A V E J X B O M V F B M P S P F O B R O W M E F  
I G B S N F S w X I P T F N B J O U B T L T B S F P S S B J P Q O S B T U J F O F H Q B B O E J W S F P  
B O E X I F B U G B S N w X P V M E C F D P E F D E U P O G O B M ( I S S P V E Q D F S T . . . )

\* G J O G P S N B U J P O B C P V U U I F N P D E D V J O B U O P D O P Q U D M M W F J B A O F E U B O T  
U J P O B C P V U U I F L J O E P G F D P O C P M J J T I N B F D O U W W O U X I J J O E W I T F U S O Z F  
J T F N Q M P Z F E N B Z C F I F M Q G V M o ' P C S V U F Y B I N P Q V M F E C U F X U P S V M B E U F  
S F B T P O B C M F U P B T T V N F U I B U B T G B S I M F B P C V B S E N C X P S D L M S T P O m B F  
6 O J U ( S P V Q - J W F T U P D L B O E % P B X J F S V F S S P L E I V D U F S P N F W O E J O P E  
X P S L F S T P O N J Y F E G B S N T N B Z T Q P P O J E P N J Q S P J O O Q F S I E E V S D L B J O P J O N B M Y  
G B S N T N B Z G P S F Y B N Q M F F N Q M P Z C P U I T I F Q I F S E T B O E U S F F

\* O G P S N B U J P O B C P V U U I F L J O E O R E G F F J D R O B N J D B D B J W P S Z N  
X S J U U F O J O G P S N B U J P O Q S P W J E F E J F O T S B C O M P J O T T I A N F U O P U R V O T X J P O T I  
Q F S T P O J T F N Q M P Z F E P S J O U I F B G F T S M D P B G U J P O G P P S G N B O D P R O P N D J F E B  
ities. Particular care needs to be taken when using coded information on the kind of economic  
B D U J W J U Z P G B H S J D V M U V S B M F T R J O C M P J E F N F G P S U X P S E M S O T B T S T  
C F D B V T F Q S F D F E F O D F S V M F T V T F E W J P U Z F U G P S S N J O I F Q V I S O P S T F E T P  
economic statistics, may not be compatible with the purposes of an occupation classification  
C B T F E P O U I F L J O E P G X P S L Q F S G P S W F S E F N E F O M U O F F E ' P J S O F U Y F S N O C M P  
U I F D V S S F O U W F S T J P O P G U I F \* O B F S O M W J B P U O J B P M O 4 P U G B O I M B N S E & \* D O P  
" D U J W J U J F T \* 4 \* \$ 3 F W T Q F D J S n P Q T T U P I S B U Q J O B M U I F O Q S H P E V  
F Y D F F E T Q F S D F O U P S N P S F P G J T O U F E O B B S B W H S J P Z T T I R B S I H E J O P U  
J O D M V E F E w J O \$ M B T T . J Y F E B O S N B J O H G B S N U J O B M M P D B U F U  
Q 8 P S L F S T X I P T Q F D J B M J [ V T J O F D F S N P Q M P Z F E B O P J N B M Y F G E  
G B S N T U I B U I B W F C F F O D M B T T J n h E D S P Q \* 4 \* S \$ B O B I W I B H M P S O J S F T E B D

220. Whilst it is not possible here to prescribe strict rules that could be applied in all situations  
B O E O B U J P O B M D P O U F Y U T J U T I O P R S E N B B J D M F B C S P G S P I N D B O F P B C O  
U J W J U Z P G U I F F T U B C M J T I N F O U T I P W M S O P G P S R B N B A R O M O J W F L O F E  
P D D V Q B U J P O U J U M F B O E U B T L T Q O S G O S N J F E U I O B W I U F I K P T C L J N M F T J S I  
for performance in the job are the main consideration in determining the most appropriate  
P D D V Q B U J P O D P E F 5 I V T J G T L J T M O I H B O E P D D S J P B C J F O E S P X E J M D I U C P O  
F T T F O U J B M S F R V J S F N F O U T U I F O F L E I F D S P O C B O P E V N E O J O N B N M O B S T P E J V r D F U

! . O

4QFDJBM BUUFUJPO NBZ OGFUEXUPOCFVUJWFUOF ODFUGFBENFBS  
 mTIFST BOE UIPTF XPSLJOH JO DNBTSEIEUJ O STJFFDOUJPIO FOUBSO  
 XPSLFST TIPVME CF DMBTTJmFE 'BONAS/TC NJBK PST (S)RVOFST  
 BOE (BUIFSST JG UIF NBJO BJNT PFGM WSSP BODEUBB OF SJ TH PUPPE TO  
 consumption by members of the worker s own household.

\* O NPTU DBTFT PG TVCTJTU FUCPD O SBDWJ WJ LBZ NFPOJFN M R P E G E  
 JODPNF \*G OP DBTI JODPNF PS CPBOS LFGS JCHP EJT GDSV P M W FDEP OB M  
 tion should be counted as employment and treated as subsistence production. Similarly, if  
 a large surplus is produced, and more goods are sold than consumed, but the main aim of  
 QSPEVDUJPO XBT GPS PXO DPOTV N QOJF PDOM BUTIFJ R K P E C T J O T I P V M E N I  
 (SPVQ +PCT TIPVME POMZ CF DMNUTVJSHAVE GFSNBISSEU R S J F  
 IVOUJOH JG UIF NBJO BJN PG UIF UBIBUNWVSUZEUT UP QSPEVDF H

\* O TPNF NBJOMZ JOEVTUS NBJM H [ N E B Z D O P V O S B S F F P S T F W C F O T  
 FYJTUFOU JO XIJDI DBTF UIFSF XQSVMEJ CJF O PP S F F W F O P U N P B L O D  
 B HSPVQ GPS TVCTJTUFODF BDUJ4ASJQJFT JO N B O Z P O B M O B S B O  
 IPXFWFS TVCTJTUFODF GBSNJOH WSSBVO \$ N Q F M P U Z T N - F B O W M B S H E F U Q S R  
 UJODUJPO CFUXFFO NBSLFU PSJF O W F N E Q B S O E B O U C G B S U B O X D I E F B S B I  
 of purposes associated with social, economic and labour market policies.

\* O DPVOUSJFT XIFSF TFQBS BUBDKFP X PLSLJF N F T B O S F N V S E L E U G P  
 FOUFE XPSLFST UIFTF UJUMFT TIOEVAWE PCF PJDDVMN BUEJF OJ OJ JUI M FO  
 with the appropriate classification codes. Where this is not the case, it is unlikely that infor-  
 NBUJPO BCPVU UIF UBTLT QFSGP SNP O XJPV N I E M O S E W I Z E B E F  
 TVCTJTUFODF XPSLFST BT UIFZ IBWLF UN P S Z F O B F I E T X P S L D B M N P O  
 subsistence farming is a significant concern, it may be necessary, therefore, to consider an  
 BEEJUJPOBM RVFTUJPO BTLJOH XI FG U I \$ S T B S M I O P R S Q N S B E O D M U Z J P O O  
 PS GBNJMZ IPVTFIPME VTF 5 I J F Y B V P G U P B O F S N B R Z I C T V U J B P T Q  
 PDDVQBUJPO UJUMF BOE UBTLTO F S P J O O P N B J T P E D J W J W P O Z X B I O E R  
 JO FNQMPZNF O U 8 I F O F W F S T V D I P N B E R T W F S T W J Z P O S J D F O C O M V E  
 important to ensure that the responses are used in the occupation coding or editing process.

4VHHFTUJPOT GPS UIF EFEJH O B O E T W F U U O D H O B S R V E  
 JODMVEFE JO \$IBQUFS

&O ! 1 4\* & ! 1 5\*

8PSLFST JO 4VC NBKPS (SPVQ'JTIFSHZSJ B O R M W S V F S S B T M O F ' S P S \$ N  
 B MJNJUFE SBOHF PG TJNQMF BONJSIPZUUBBJO BOMBAMS UBY QIFTS JSF  
 5IPTF DMBTTJmFE JO .BKPS (SPZV O E ' 4 T I J F N M B E S L H S J D H V M O U  
 FSBMMZ QFSGPSN B XJEF SBOHFB P B V U S H E T U I S I Z O H D B F M M F Z  
 FYQFSJFODF BOE PS USBJOJOH \* V B T M P V B T E L T C N B O Z P U O E W R M B W F S U P I  
 PG NFDIBOJ[FE IBOE IFME UPPMTRVGBSSEXIJDI MJNJUFE USBJOJ

227. In some cases the occupation title alone may be sufficient to distinguish between skilled  
 BOE FMFNFOUBSZ GBSN XPSLFST S F S U H F B L N F Z M O F P V R O D D V Q B B S R O F  
 IHSPXFSw iTIFQIFSEw IQSVOFSw PPDS V T O I B B S P O W X P B U M B O B A M P M W  
 QFSGPSNBODF PG B XJEF SBOHNM MPTGS URVTJLST OHP S P I O J T H I E M S  
 USBJOJOH PS FYQFSJFODF BOE B S M B S M B Z T T P r o d e v Q O B U J E P O P S J J ( L S N A  
 BT iGBSN MBCPVSFSw iGSVJU Q J B U L F S S W P L S J O D B O S S F V Q F U L F S U W W X F  
 SFRVJSJOH MJNJUFE USBJOJOH PS JOJUJBUJWF

ODDVQBUJPO UJUMFT TVDI X F W i G S S N B X P S E I R S / w S P S N P O  
 consideration, as they refer to the fact that the worker is an employee on a farm, rather than  
 UP UIF MFWFM PG TLJMM PS SJUT O F O O F O F M T B S Z S B R V D B O E J E \* F  
 PG UFSNJOPMPHZ JO UIF OBUJPO B M U W S P E O M F Y B U B O J O E H O Q ' P S S U J F D  
 UIF UFSN ITUPDL IBOEW NBZ CF V B F X P S Q F S P X I F P D M P V R O L U T S B I G T U R S P

DBSF BOE XFMM CFJOH PG BOJNBOM 7 CPJOU B( SVPJWQF TUPDL -G BWSFNT U  
 BOE %BJSZ 1SPEVDFST "O iPSDIBSELH B1QEW P SFFXGFFV\$ F8P N B N FCPFC  
 who picks fruit and performs other routine manual tasks than to someone who prunes trees,  
 DIFDLT DSPQT GPS EJTFBTF BO\$FF OFTBVNS 8 ITZ UB 8 8 Q S 7 8 V DCUJF BVS

5IF DPNCJOBUIJPO PG PDDV CPBSU PRJOF S JRJWBFM X GZU CUHB TJLO G M  
 UJPO NBZ UIFSFGPSF CF VTFGVM ' PXS PF YNBUNQ LMTF DBP XETB JTS Z VGNB S M  
 DMBTTJmFE JO 6OJU (SPVQ - J M F U U P D E B B S Z E C% BBSJNS ZI B10SEPWE VX  
 DMFBOT BOJNBOM FODMPTVSFT TIPVM EWGF H UDPND B T'BJSYNF E BJOP V6SOFJSU  
 8IFSF B DPNCJOBUIJPO PG UBTLT JO WOPFNS W P S INJHEI FJSD D MJM MOTH P TSP  
 UJWF UIFO .BKPS (SPVQ XPVME CF NPSF BQQSPOSJBUF

\*U JT BMTJ JNQPSUBOU UP CPOUTF UIIBUJ DTPNNFP 8 MIZN P D D B S Z  
 SVSBM PS GBSN TFUJJOHT BMTB CPED 8 P SO P Q S P R V - B S H S J E D I S M D U V S J B  
 NFOU XJUI BOJNBMT PS DSPQT F M 7 V B CPUD 8 I S 8 B O T P P O V T U T B J S F  
 NBKPS (SPVQ "HSJDVMUVSBM 'PSS FFTYBSNZO B10 E EJTIIFIS Z J-HBHCJFC  
 MBCPVSFST BSF DMBTTJmFE JO 6 O C L P V ( S P S / T O B O E \$ B W F J S M D 8 B C S H J  
 BSF DMBTTJmFE JO 6OJU (SPVQ 8BUFS BOE 'JSFXPPE \$PM

/ & \$ & \$

'JOBMMZ JU TIPVME CF O P U B O E E U G I B S J F T U B S O Z X T R S M F S H E P Q H F S  
 T Q F D J B M J [ F E N B D I J O F S Z T V D I B D T M E U T S B D U Q B S S U B P O G E U E I S J S V I O P M  
 E V U J F T + P C T U I B U S F R V J S F P Q F S B S B D O I P 8 G N B D I 8 O F T S L Z J N R I N F C  
 X P S L B S F D M B T T J m F E J O . B K P S ( B 8 V Q B U P S S T P S X F S T T Q V D J B B M T J [ I F  
 the operation of machinery but may perform other farm or forestry duties incidentally, should  
 be classied in the appropriate unit group for the type of machinery operated. In most cases  
 UIJT XPVME CF 6OJU (SPVQ Q F S B M P S T B S N B O E ' P S F T U S

### 5. ADAPTING ISCO-08 FOR NATIONAL USE AND FOR THE PRODUCTION OF INTERNATIONALLY COMPARABLE DATA

#### 5.1 Scenarios for the adaptation of ISCO-08 for national use

% FQFOEJOH PO OBUJPOBM DJSDTNTOU XJDDFT \* 4 \$FOS F BNBZU  
 CF BEPQUFE PS BEBQUFE GPS OBUJPOBM VTF  
 BEPQUJOH \* 4 \$O EJSFDUMZ GPS DOB UNPPTQ BDMJ SDW \$IQPT  
 TUBODFT  
 EFWFMPQNFOU PS SFWJFX PG B OBUJPOBM DMBTTJmDBUJPO  
 BO FYJTUJOH OBUJPOBM DMBTTBJQODFEUUPO\* 4 \$EQ F S E DU  
 facilitate the production of internationally comparable data.

5IJT DIBQUFS QSPWJEFT HFOFSBNGPHWMEPBXJODFH PROB DIF PVGT FU  
 TDFOBSJPT .PSF EFUBJMF BEWJEF \* 4 \$MMEentatioOrSPWJEFE JO U  
 guide.

" T PVUMJOFE JO \$IBQUFS USJHT BEVWFIMPTQJLOVBBUJPROCBMTDUM  
 UJPOT UIBU BSF UBJMPSFE UPTNFG BDOBUJPOBJMHSBRVJCSFN  
 JOUFSOBUJPOBMMZ DPNQBSBCMF JFONPQNEFUDJUP OXPSLJTTINPVNDET W  
 JOUP DPOTJEFSBUJPO SFRVJSFNFOBT XGFNSMJBTFSFONFUDJUP O BMDJ  
 UJPOBM SFRVJSFNFOUT CBTFE POXPSIEGPDSDVQBOEPOBUMPTQJESMDQS  
 UJFT GPS JOGPSNBUJPO UP TVQNFOSJUT QBNJODPZUEBFMCXBJZFT CF G  
 compatible with each other, di cult decisions may sometimes need to be made in weighing  
 national priorities against the need for international comparability.

#### 5.2 Adopting ISCO-08 directly for national purposes

\* O TJUVBUJPOT XIFSF DPVOUSJFTJHEP D\$UJNWFURJIEF SVFTMPV  
 UJPOBM PDDVQBUJPO DMBTTJmDBWSJOT P/XOS SEBTMJHJOF E BDET VJF  
 NFOUT UIFSF NBZ CF MJUUMF DIPJUDFNBJOJFNSB MIBDOBPHFEBQUM  
 JO UIF TIPSU UP NFEJVN UFSN T 5UIJFT PBDQSBBDROBTM GTBUSSV  
 PG UIF OBUJPOBM MBCPVS NBSLSTU XBJTMKFWBISZTHSFBWJNDB  
 DPVOUSJFT \*U JT VOMJLFMZ rDIBSJE EDSXPVWIEB LGV\*MND TBUX  
 SBOHF PG OBUJPOBM SFRVJSFNFOGFTS NBSJPODDVQBUJPOBM T

" EPQUJOH \* 4 \$O JO UIJT XTBJZCEJPHD BCOJF VNSPVICUMPTGT  
 BSBUJPO PO UIF QBSU PG BHFODJEFBU XJPDJOPHDUVPOVUTJPO\* 4 \$O5U  
 NJHIU JODMVEF USBOTMBUJOH \* 4 \$MBOHQBPHFUTIFXICFBSUFJPOOFBDMFTM  
 \*U XPVME BMTPCF OFDFTTBSZ UPMIEFSU IPSDNDJODFBUXJPDBM OH \$ # \$  
 the country should be classi ed.

\$ PVOUSJFT XPVME OFFE UPOBFDDDFVQ BDPSPQYBNICPMME  
 DMBTTJmFE JO .BKPS (SPVQ DIISOPQDBBOPJPOBEMTTTPDJBBJ  
 Professionals, or whether some nursing jobs should be classi ed in one and some in the other  
 PG UIFTF HSPVQT 5IF EFDJTTJPOHXPBMEVDFUFIEF UOPBUCVSEBPTG  
 XPSL QFSGPSNFE CZ EJ F SFOU UZPCVMEPLGIFCVS SPSFJ OFRVEJSDPVP  
 research on the part of those responsible for adopting and using ISCO in national applications.

5IFSF NBZ BMTPCF TPNF PDDOVQJBDJPPNONTPOOMZUIFYDTPWQJDSZU  
 DPVOUSJFT BOE BSF DPOTFRVFOUMZ\$DPQUSJEQBSXBRVFNWIEZ UMFSSEBE  
 need to collect information about the nature of the work performed in these occupations and  
 UIFJS TLJMM SFRVJSFNFOUT JBUFS E # \$ OUP JHSEVQDGZOUX  
 to include them.

See also Embury et al., 1997.

5 I F N P T U J N Q P S U B O U U B T L X I E S W F S M P Q V S D O F U B B O B M U J N O L E  
P D D V Q B U J P O U J U M F T D P E F E U P Q U B S J O P O P G O J E P S 5 I U F P Q U I S F O J O T  
U I J T F Y F S D J T F J T U P B D D V S B U B M Z P N B Q J O F S B U T J R O B M U E P B U  
M F D U J P O T U P U I F T U B O E B S E P D D 4 / S O B U J P O J O D M F B Y T T P J S n B B O U J F P Y O J T U  
O B U J P O B M J O E F Y N B Z C F V T F E B C F N B P X U B S U J O H Q P J O U T F F

5 I F \* 4 \$ O J O E F Y Q S P W J E F T V O F U N J F P O D R N U N A O T D R U B C U  
Q F S G P S N F E B O E P U I F S R V B M J G Z J O H B J O O D G F P S I N O B B E F B O W J I B H N A S O C  
G P S O B U J P O B M V T F 5 I F V T F P G W I X P F M U E F S O N F T E J O U P U I G F O W B E S P K  
I P X F W F S C Z U I P T F E F W F M P Q J O H O U B M J F F O B S M F S I N O E F W T F F E P G P P D E D V  
P D D V Q B U J P O T J O U I F O B U J P O B M D I F F O U 4 \$ O X O E M Y E O G P A M E M U P X J O  
determination of the appropriate ISCO code.

5.3 Development or review of a national classification based on ISCO-08

5 I F E F W F M P Q N F O U P S S F W J F X P G J B B M O M Z C B O T B M V P E C F \* 4 \$ O B  
J U J P O U P U I F J U F N T N F O U J P O F P S J O N F T S F H D J U O J H P O P G D B B U C F H V P S J  
B S F F J U I F S O P O F Y J T U F O U P S V O J M N T O P P S I O B O M U V E J O W I I F F T D O P F V O J U r S D Z E  
of nationally specific occupational groups, and of groups that are adapted to suit national  
D J S D V N T U B O D F T \* O B M M D B T U F B O E O W h F S T W J M H Z B U U I P F O P D T D V S Q F B R U  
structure of the national labour market and, secondly, the nature of the occupational data  
S F R V J S F E U P J O G P S N E F M J C F S B U J P T O V T F P O O B U J P O B M M Z J N C

5 I J T J O G P S N B U J P O J T M J L F M D Z P O P V O M U B P C J P B O J O X F J E U U Q L F O Z B S U  
B O E Q S P E V D F S T P G P D D V Q B U J P O B M F U B G M S N B B J O B O M Z B O E P O G O B S  
E B U B D M B T T J m F E C Z P D D V Q B U J R O O F 5 U J T F F O G P O N B W B P X I J J D T I  
D B U F H P S J F T B O E T U S V D U V S F P G O B S M O D J S S F A N F T W U B Q U D F T S B B M J S U F Z R  
N F O U T \* U N B Z C F O F D F T T B S Z O P S P T O J M B U N F P A N E F U 4 S M J O D T I  
B S F B T P S U P D S F B U F B O B E E J W B M O B U M P N B S J T G Z U T B P J M F F O F I F J E F T

\* G U I F O B U J P O B M D M B T T J m D M B J J P S D D M J U F O U C P S V J T F O E U F J E D B B D E  
T V D I B T N B U D I J O H K P C T F F L F S T U X B J W J T K P D B W M B B O Q M J J F D T B U B F O X  
D J m D B O E Q P U F O U J B M M Z D P O n J D V D O H B T P O F S B O U B U P O P B O M B N O F F N E O M P R G Z M  
T F S W J D F B O E U I F O B U J P O B M T U B U D J A O J T D B A M S B P U J D P F O O R A N E Q M P Z O N F  
T F S W J D F T N B Z U Z Q J D B M M Z S F R V J S F V O P S B F F E F W O G G M S F N B B J O P O N P S B F  
Q S B D U J D B M G P S V T F J O T U B U J T U E J F D T B J M A O T J O S H V F U Z I T F O S M P B T F T S n D O B R U  
U P D P M M B C P S B U F D M P T F M Z U I F S O F D G J P F S T F U X B U I X W I N A N W B / S T J F P V T U O F

\$ P M M B C P S B U J P O B N P O H U I P T F U B P H O F B M J D T M B T B W m O B F U E J P L O P T  
the production of data, for operational purposes and for policy analysis, may lead to a com-  
mitment among the agencies concerned to adopt a nationally consistent approach. Such  
D P M M B C P S B U J P O N B Z G B D J M J U B U U F J R O F B N O S J P O A G J P T S I R B U P B O J O C B M S  
D P N Q B S B C M F R V B O U J U B U J W F B O E E R U J B T M J J O B B U M J W B F O E B B U E B N J G O S J P T N J S B  
T P V S D F T J G B T J O H M F D M B T T M J n D B B U P O Z G ' S M B U N F S X O P S J U W J F T M Z  
M J O L B H F C F U X F F O E J F S F O U C V U D T P N D O B M F K F O F U T B U S E Z C M M T B I T F E J m  
F J U I F S D B T F T J H O J m D B O U W B M V P M D N B O D O F E B B I G F - E U U B T U B F C M O G R  
grated or compared meaningfully with data from other sources.

8 I F S F J U J T G P V O E O F D F T T S B S I Z H U F P S M I F S M F I M \* H 4 S \$ P O Q T  
should be borne in mind that this may impose limitations on the capacity of countries to map  
O B U J P O B M E B U B U P \* 4 \$ O ' P S F Y E B B U O B M I F O M U Z N G B S Z P K F B Q E P F T U T B J C I  
M F W F M P G U I F / O \$ U P B I J H I F S M F W F M P G \* 4 \$ O

8 I F S F U I F S F J T B O F Y J T U J O H J O \$ N U B I Z B U O F T W I E S U A S M O F U T  
E F T J S B C M F U P S F W J F X U I B U D M B D T P J n O B E S U B J C P J O M J U P Z J A N O S O P B W J F P J O O B U J  
and to determine whether any of the features of the international standard may be useful for  
national purposes.

5.4 Mapping national occupation classifications to ISCO

6 O M F T T \* 4 \$ O J T V T F E Q B S J T D F U O M P G B R D D V B Q U B U P J O P E O N B M
GPSNBUJPO BNPOH DPVOUSJFT PS JSFQBMO P DDPVSONBBUM MQZ B \$/F RTUJBSU
CF DPOWFSUFE UP UIF JOUFSOBUJPOBMM N T B Q O B D S H E U B F J O B N U B J Z P
PDDVQBUJPOBM DBUFHPSJFT UP \* 4 \$ O U F S O B S U C Z O B A V E J D M I B E T S F M D
BT EFTDSJCFE JO TFDUJPO CFMPX

. B Q Q J O H P O F D M B T T J m D B U J P O H J O B I B I B H O S P P U V I O S J O T U F R V
DMBTTJmDBUJPO UP UIF NPTU B Q Q V S B P N O S E B U Z B S O R E V O B D J O V S B F D Z F
NBQQJOH XJMM JODSFBTF XJUI UH F J T M E V O M E S F I U B N I B I Q Q U O X H J D I P V
CF DBSSJFE PVU UIFSFGPSF B U H B U F J P O P X P G T U F B C D P T P G C M I F F N O K V F D
DBUJPO T J F / O \$ F B ) O P E N \* B C \$ O T J T 5 I F F O B S E M I M H Z S F Q S F T F O U F
a correspondence table that shows the relationship between the categories in one classification
and those in another.

\* O U I F Q S P D F T T P G N B Q Q J O H B S E I B I B P M P M T O X G O S H R V I F S O F U M
F O D P V O U F S F E

B 5 I F / O \$ H S P V Q C F M P O H T V O B N C D H I W P W I S M Z Q U P B O J F T P J G U P E
course, the simplest situation and, if the NOC is based on a conceptual model similar to
UIBU PG \* 4 \$ O J U J T M J L F M Z U P C F U I F N P T U V T V B M T J U
C 5 I F / O \$ H S P V Q B U U I F M P X P O T P D N D A V O B M J P O G B M H H D P O H U F W J U P O S
NPTU SFMFWBOU \* 4 \$ O V O J U H S P O Q E C P V U T U O P U E J O B S F A O F O U J
/O\$ HSPVQ GSPN CFJOH WBMJEMZ NBQOQF EU UFO U P H B I O S \* M \$ O V F M
PG BHHSFHBUJPO ' P S F Y B N Q M F F T U S F Z B O \$ E D M S B U T I N P W B O H N
Q M B O U P Q F S B U P S T J O U I F T B N F M M P B X T F T J U m M T F W F M T H S P D V O V Q X I U J
JO UXP TFQBSBUF VOJU HSPVQ FOUC BWH HJSC HGBRUU P OD MCB TUTI F
occupations is carried out in the same manner.

D 5 I F X B Z P G H S P V Q J O H D F S U B O S B S D M Q U B I U B U P O T O M J E F J E F J S C F O 4 \$ O
BOE BT B SFTVMU BO FYJTUJOH E O J S O W H S P B V O O Z D P E G O O P F U \* W \$ M J E
HSPVQT ' P S F Y B N Q M F B U U I F M \$ X D F M B T M J W F T M M P J G W B H H I S D H B G U B
BOE MJWFTUPDL GBSN MBCPVSFST DJM BB TTJHOFHTMUF IHTSP V O D W O B S U F
JO UXP TFQBSBUF VOJU HSPVQ TK PCSF M O E D H N B O R S U H P S F E V Q F S

\* G J O U F S O B U J P O B M M Z B W B W I M B C A M Q S P P E D V O E B U B B O U B I M T U B
HSPVQ MFWFM PG \* 4 \$ O P S B H B B J O P O P G U U A O I G H X I F O S S R I C M W F M T
MJLFMZ UP BSJTF JO UIF TJUV BUJFP O O E G F P T S O N S B I C F R E O V O B E T F S U P C C F B Q B V
BU UIF MFWFM DPSSFTQPOEJOH BUJPP \* O 4 S E O T D S V O F J E U V H O S E F F V O T C E
D B C P W F B Q Q M J F T U I F O U I F G E M G M P S X J Q B S O S V M - F T B P S B I M J O B M
QMJFE GPS NBQQJOH UP \* 4 \$ O P J O U I F P S E F S P G Q S J P S J U Z H

B 5 I F O V N F S J D B M E P N J O B O D F T S J V T M F G B D I D P B S E E E J J O U H J P L O F B M I
NBUJPO BWBJMBCMF GSPN FDP O P R S B M B O Y O P S U F S A T U B J U N J B
PS KVEHFNF O U T I P V M E C F N B E F D P P O D J A S O P J O D H V Q B F U J S P F O M T B O J M A
T J m F E J O U I F / O \$ H S P V Q \* G B Q Q U S I F Y K N P E U F M M B T T O R S E D F O
/O\$ HSPVQ CFMPOH UP B QBSUJDVM O S H \$ P O Q T I H P S / A W I O C E I F O
DMBTTJmFE JO UIJT \* 4 \$ O HSPVQ

C 5 I F T L J M M M F W F M S V M F J B Y D D O P S U E I F O H O S U H S P I V O D I T I U P I V M P D
BOBMZTFE PO UIF CBTJT PG UIBQQ4\$ O J O U P L B O M M 4 \$ O F W F
group should then be carried out on the basis of the occupations found to be the most skilled.

D 5 I F Q S P E V D U J P O S V M F B D D P S E J N O B O Q U J P O H K I J O U P G \* P 4 S \$ O U I F Q V
UIF PDDVQBUJPOBM NJY PG B / O \$ H I S B P W I O Q O S S J P P S V J U J J P O W F P S D D B O
or managerial occupations.

6 T F P G U I F S V M F T B C O E E D B U F T H O P F S D J J F m T F E J O B C O P B M U F J R O
T J m D B U J P O T U P \* 4 \$ O X J M M J O F U W J U B O M Z S I B D V Z F P B G O B E B U F W F
UP DPOWFSU OBUJPOBM PDDVQBUTFP OJBHM J E M D U B E O U U I M \* N 4 J S O B U J
PO UIF WBMJEJUZ PG JOUFSOBBUQ O O B M J D T P N O B S J T T B O Z J U G
XPSUI DPOTJEFSJOH DPEJOH OBUJPP \* O 4 \$ O P D D B O B E U J J T P D O V B T M F I E B O B M
JO TFDUJPO

5.5 Coding to both the national occupation classification and ISCO

\* O U F S O B U J P O B M D P N Q B S B C J M C J F U Z B P I G J F P V D E V Q N B R U J P O B B M D V S  
 C Z D P E J O H U I F P S J H J O B M S F T Q P O F E T U M E R V P F T U I J F P O J T O U P O S O B B I  
 D M B T T J m D B U J P O T Z T U F N ) P N B F O U I F S F D E Q J O H R G D F \* G T  
 T V S W F Z S F T Q P O T F T U I B U I B W F M M S T F J B r E D Z B C J F P F O O D P F E E P T W F  
 C F Q S P I J C J U J W F \* G I P X F W F S U O F D P D P C E H T J C B E C F Y J O S M D V E E F T  
 U I F O J U J T Q P T T J C M F U P B T T J H F O N T D P 5 F J T G B P S M C P P X U T I E W M B M T D J P H E J B U  
 E P O F J O B D P T U F F D U J W F N B O O F S J I V T J O I N F B U T I F O H W S F W F E Z E P S H D O  
 E B U B B S F P S J H J O B M M Z Q S P D F T I T J F T E J T B I M S E F M E Z E U P H J O T W F E  
 S F M B U J W F M Z N P E F T U B E E J U J P O C B N P I E Y Q F J O O T T F U F P B C E I P I G Z P F O O U F S S I  
 computer-assisted or automatic coding is used, the additional costs are likely to be minimal.

5 I F D P N Q M F Y J U Z P G E V B M E F F Q J F O O H E P O F S B X J E P J O F S F G U U I  
 / O \$ J T G S P N \* 4 \$ O ' P S F Y B N Q M F O J G \$ O I F / O \$ E J T V T D F M P B F M  
 T J N J M B S D P O D F Q U V B M N P E F M P U U / N \$ Z B O E S F \$ M O B U J W P E M F Z T F  
 U P D P E J O H J O E F Y F O U S J F T

\* G U I F U X P D M B T T J m D B U J P O C S I P B B V D F F W F S J Z I E J T I M S J L C F U M Z P U C P D E  
 E J D V M U U P E F T J H O J O E F Y F O U S J F T D B U J B R O B T T " J E H E Q J U D J P E O F B T M U P O E I  
 U S J F T N B Z O F F E U P C F E F W F M P Q T F U E J O C P U S J P F O Y B N C C F M R F U F O E D N B M I P H P  
 C P U I D M B T T J m D B U J P O T Z T U F N T T W R J V C B F U J N P B C E F I P \* X U F W F S Q S U F I D B U J F M B Z  
 G S P N U I F O B U J P O B M D M B T T J m D B U J D P F O W E P C M 4 F \$ O B Z Q F J M H B B T U D P G S F S  
 \* O T V D I D B T F T U I F F Y U S B F P S U B I O V X B M W F B T J O H E C F T D J P H E O F J T O H P B O P J  
 T J m D B U J P O T N B Z C F U I F P O M Z S O F B D U J P W B M X N B Z P R E N O B S P E C V N F O

### 6. COLLECTION AND CODING OF DATA FOR CLASSIFICATIONS BASED ON ISCO-08

5IJT DIBQUFS QSPWJEFT BO FWFJSON JFX D QMDN P DT U E P S B B G P  
 PO PDDVQBUJPO \*U BMTP TVNN BUSIF[ STF TUIP O Q S P DUF E VRSVFTT UGJPPSO  
 PDDVQBUJPO UP DMBTTJmDBUJPO T B S T F F S F B S \* S A F S E O U P B S I F D T F E O Q  
 .PSF EFUBJMF E JOGPSNBUJPO BOPVDDV D N W P D U D B H B C E G D M  
 in Measuring the economically active in population censuses: A, published jointly by  
 UIF 6OJUFE /BUJPOT BOE UIF \*-O JCS PWJEF.EV D IO PUGI JUI H BJOCECPS  
 JT SFMFWBOU GPS IPVTFIPME BOVETPUIF'S/ STWIS'W FZ E WBJD FX FXM M MB  
 CF QSPWJEFE JO U Implementation Guide \* 4 \$ O

#### 6.1 Information needed for coding

'PS BDDVSBUF DPEJOH UP BOZU JPFOWBMM DPNB \*T4\$ on D B LBJOPEO S F M  
 UJPO JT OFFEFE PO UIF GPMMPXJOH

Name or title of occupation

.BJO UBTLT PS EVUJFT VTVBMMZ QFSGPSNFE JO UIF KPC

5IF GPMMPXJOH JOGPSNBUJPO NBZ BMTP CF VTFGVM  
 5IF UZQF PG FDPONJD BDUJWJUJ PG UIF FTUBCMJTINF  
 8IFUIFS PS OPU UIF NBJO BJN PGTUQTFJTBUDFDWJUJ JT PXO

\*OGPSNBUJPO BCPVU UIF LJ Q S Z P G P S D P O F P N J D B E C D M J J T W N H O U  
 XIJDI B QFSTPO JT FNQMPZFE BOE CFWF F Q BLZI FC D B I N M Q G V M I F J O T T  
 JOTUBODFT XIFO VTFE JO TVQQPSU UPJ G M D C B O S E N B S J B O T B C P V U S O D S  
 Information on the industry of the establishment in which a person is employed is not nor-  
 mally useful, on its own, in assigning occupation codes.

\*G TVCTJTUFODF GBSNJOH PUSZ In TP.SO HT JBT N B K P S I n O P B M O U D Z J O P  
 it may also be necessary to collect information about whether or not the worker produces  
 goods mainly for the market or mainly for own household consumption.

\*OGPSNBUJPO BCPVU UIF N B W P F O M T R E M T E L J C M M B O S J O E H W G U  
 OPU OFDFTTBSZ BOE OPU VTFGV M J W \* J E V B T M G S F R I M E O I U M Z F S J I R V B M  
 UJPOT UIBO UIPTF SFRVJSFE GPES PUSI F D K P O W F J S O T F X M Z D I U I U B I U F Z U I B  
 OPU IPME BOZ GPSNB M R V B M J m D B O J P O D I S J F O N G P W S B O U J B O G P F S K P P  
 pation coding could therefore lead to error and introduce a bias in the relationship between  
 EBUB PO PDDVQBUJPO BOE MFWFM PG FEVD BUJPO

#### 6.2 Types of question on occupation

5ISFF UZQFT PG RVFTUJPO P O T F E D J O B O U B I P O P O B B W M F U J F Q T U D B M  
 IPVTFIPME TVSWFZT

- o OOF PS UXP QSF DPEFE UJDE COPEYWRB/VFBM JPIG M EP OOR  
 recommended)
- o OOF XSJUF JO RVFTUJPO UP PC P B J B C P D D V J O E U W P J E V S B F M T F W K B P
- o 5XP PS NPSF XSJUF JO RVFTUJPO G UBFC B F T D U R V O T U F J N P D X J O  
 GPMMPX VQ PO NBJO UBTLT QFSGPSNFE CZ UIF JOEJWJE

\*O FTUBCMJTINFOU TVSWFZT OBTOEBB K N O O E H T U S S J O W J P O E B R U S B  
 TUBUFNFOU NBZ CF DPEFE EJSFDUMWZ JWH L C I F U P D U I V Q D B R I E P O H D J M  
 BOE EFUBJMF E UFYU EFTDSJQUJPOOTB P G S H I B O E M B F U T B H N B R U G P L O I F H  
 NBUJPO BWBJMBCMF GSPN UIFTFU ITP V O B P S N B B Z P O F O S P W U J E F E J  
 household-based collections.



6

\$ M P T F E F O E F E Q S F D P E F E R V F U I U F J P O B T N A B V G P S M H S P W I Q E T B I O D  
 D V Q B U J P O D M B T T J m D B U J P O T E P W P S U N T W T B F M E M U Z P F R A V T B U S J J Q B  
 \* O B E E J U J P O T J O D F U I F T F R V F T T U N B M M B O S V N O F S F T G B D S B I W F Z H P S J J  
 E P O P U Q S P W J E F T V D J F O U E F U B E S M U P W N O F W I P U V I H I W F F Z E T U B F  
 V Q B M B S H F B N P V O U P G T Q B D F P O D F O T V T B O E T V S W F Z G P

5 I F Q S J O D J Q B M B E W B O U B H F B G J D M P T T F E I B O E S E T R V P O T T U F J P  
 C F Q S P D F T T F E R V J D L M Z B O E B W P B J E M B R X M D P E T V U F U \* P G U P J T U B  
 U J P O T T F Q B S B U F S F T Q P O T F D B B \$ H U P Z S H F S P V O E T O " O D V C S B D W J D  
 B M T P C F J N Q S P W F E U I S P V H I U F T J T J O N Q B S E B S O B m U O P F N P O B U P  
 the names of categories from broad classification groups should not usually appear on the  
 R V F T U J P O O B J S F

/ 6

O Q F O F O E F E R V F T U J P O T J G Q E F T J O H O F S E N B E M P M O W P B O D O D S V P S M  
 B T T J H O B E J H J U \* 4 \$ O D P E F G P S E B R X S B U J U F T O O B S D F O R O T E U  
 T F W F S B M X P S E T B O E U I F R V F T P S N B O J P S B O P V U J O P O U T I T U I I F V M  
 U J U M F B O E U I F N B J O U B T L T P S E C W U Z F T E F O U F S J G M S N F S E F T Q P O N T O M F T  
 C F Q S P W J E F E X I F S F Q P T T J C M F J F O T Q E J D S J F B T M N B Z F S F O E T B R N B G B S  
 D P M M F D U F E C Z U F M F Q I P O F P S U S F S J T O P J O B H M J T U C F U T F \$ W U F B M H U P  
 U I B U S F T Q P O T F T B S F B E F R V B U F

5 I F P C W J P V T E J T B E W B O U B H U F I P U G S V F T J O P H O P Q T F O I B W O F E F U E P  
 B T T J H O F E D M B T T J m D B U J P O D P E F T B T D J P O E H O B H O J O Q E E Y Y P S G J P D D B M  
 a costly process but is the only way of obtaining accurate and reliable statistical and admin-  
 J T U S B U J W F E B U B P O P D D V Q B U J F O D P 3 E F J N B U N W W F N P Z E T R V B S D F L Q B P O T E T  
 C V U B S F M J L F M Z U P S F R V J S F T J H O J m D B O U E F W F M P Q N F O U F P S

" T J O H M F R V F T U J P O I B T G S F D R F V O F T O U T M Z T C V F I O B B T L F E J O  
 What is the main occupation of (the person) in this workplace?  
 What kind of work does (the person) do?

5 I J T B Q Q S P B D I N B Z Q S P W J E F B E V F L R V O B R U F B O V G M S N B U O P P O O E G S  
 5 I J T U Z Q F P G R V F T U J P O J T M D I L F B T Z I N B O B W F S W U P D P O F T M E M  
 P S I G B S N X P S L W 4 V D I S F T Q P O T F B C N B Z Z U O P P B O C Z F M B F C W W F M U P G C \* F 4 \$  
 \* G U I J T U Z Q F P G R V F T U J P O J T F V E T U E P S J P O V U H F I S M Z J E U X F S T S P C C F F F E X I U F  
 J O G P S N B U J P O J O J U J B M M Z Q S P W J E F E J T J O T V D J F O U

5 I F V T F P G T F Q B S B U F R V F T U S N O E B O K P O S U F J B T M J F O B M E Z W B T  
 T U B U J T U J D B M P D F T B O E J T U I F S F D T P V S N W F O Z E T F E B O B Q C D S F P O B T D M T G P S  
 V T F P G U X P R V F T U J P O T H F O F S O S M A W Z J E B F T E T V S F E J O H B U G P T S V U D X J  
 G F S F O U U Z Q F T P G J O G P S N B U J P O X G M M M Z M B O B I U P S F H T Q W P O E N D S F  
 J O U I F T F D P O E R V F T U J P O G P S F Y B N Q M F

- 5 J U M F 4 B M F T N B O B H F S
- 5 B T L T 4 F M M J O H V T F E D B S T
- 5 J U M F \$ V T U P N F S T F S W J D F T D P O T V M U B O U
- 5 B T L T 4 F M M J O H V T F E D B S T

6.3 Suggested questions recommended for testing and further development

271. Questions for use in statistical collections need to be tested for suitability in a particular  
 E B U B D P M M F D U J P O T F U U J O H B O E V M O E U H I F O O S B I M P M O Z B M O W P O U W F Y L B U  
 U P B T T J H O D M B T T J m D B U J P O D P E F O T T U R J F U T I U F S P E Q O H T F B T U R F T M S  
 E V D U J O H G P M M P X V Q J O U F S W J F X U T X J U I F U B F U B D P U J N O H I D O S P S D F  
 B M T P B V T F G V M N F U I P E P G E F W F M O Q J O H E F M F T U J O H B O E S F m O

5 IF GPMMPXJOH RVFTUJ POT BO FU TV HEH WVFUMFE QBNF QBU TRQB SBU JOBH approach towards the collection of occupation data.

1. In the main job held last week what was your work or occupation?

Please give full job title and be speci c. For example:

- o 'SVJU QJDLFS
- o -FHBM TFDSFUBSZ
- o 3FTUBVSB OU NBOBHFS
- o 4FDPOEBSZ TDIPPM UFB DIFS
- o \$BUUMF GBSNFS
- o 3FHJTUF SFE OVSTF

ODDVQBUJPO \_\_\_\_\_

2. What are your main tasks or duties in that job?

Please give details. For example:

- o 1JDLJOH BOE DBSSZJOH PSBOHFT BOE QFBDIFT
- o 1SFQBSJOH MFHBM EPDVNFOUT
- o .BOBHJOH UIF PQFSBUJ POT PG B SFTUBVSB OU
- o 5FBDIJOH NBUIFNBUJDT
- o .BOBHJOH B DBUUMF GBSN
- o \$BSJOH GPS UIF TJDL BOE BENJOJTUF SJOH NFEJDBUJ POT

.BJO UBTLT PS EVUJFT \_\_\_\_\_

4 QFDJBM BUUF O UJPO NBZ JOFHF EB QJEP mCTH J OH W F G WJBT T J policy concern, or is thought to represent a signi cant proportion of employment, it may be ad- WJTBCMF UP BTL BO BEEJUJPO B MGRWF MUP XJJO HU PB Q Q S B W F JBT D V S B

3. Do you produce goods mainly for sale or mainly for your own or family use?

Only for sale

- .BJOMZ GPS TBMF CVU QBSUMZ GPS PXO PS GBNJMZ VTF
- .BJOMZ GPS PXO PS GBNJMZ VTF CVU QBSUMZ GPS TBM

Only for own or family use

5 IJT RVFTUJPO DBO HFOFSB MTUJZ PCF XJUL F ES BTQ B ODTM P D B E FHC that ensure a clean separation between those who produce goods mainly for sale and mainly GPS GBNJMZ VTF 5 IF GPVS D M P TTFUEF E O E E P VS IF-T S P R V F S D B W F F spondent to decide whether production is mainly for sale or mainly for own consumption.

4FMFDUJPO PG UIF UIJSE PS GPVS WII S U T B O P O T F S O B U F D H P E S F J T O X 4 P V NBKPS (SPVQ 4VCTJTUFODF 'BSNSFFSIT NJBTZ FGF B) Q Q S P S T S J B B O U

\* G JOGPSNBUJPO PO TVCTJTU P C D B B D W J P V G J R Z F J T T U D P P O M T M F O U T FNQMPZNF O U PS FDPOP NJD B D U J W T J R J Z C F U M B T U F V E T J O U I U F S F P T D O D P V O O T F E U T coding or editing process and adapted, if necessary, to ensure they are su ciently consistent XJUI UIF EFm OJUJPO PG \*4\$O 4VC NBKPS (SPVQ

### 6.4 Assigning classification codes to survey responses (coding)

3FTQPOTFT UP PQFO FOEFE IRV BTQUJSPROTS JBBWF D B U C H P E S T Z J PDDVQBUJPO DMBTTJmDBUJPO 8 I B B U F J S P S J T O R U B T U F I E P O D \* V 4 Q S B O U J P O JT OPU VTBMMZ B TJNQMF QSP Q B T U P O B F T U Q B O T F F B O J E P U R B V T L T T U J P J BOE OBNF BOE BEESFTT PG XPSLQ N O B D P E B S I H S O F S N P D W B T O U 3 U F F O U P I O T UP BOZ RVFTUJ POT UIBU DPMMFM M E B B U T B R O U B C F O T J O F W O D F D B O T U J E V

\* U J T B E W J T B C M F U P Q S F Q B S E J O H S I S F T E O P P D O V T N F F T O U P J O Q F B C E W E  
R V F T U J P O T P O P D D V Q B U J P O 5 D B G E J O S F U I F Q S D P E E O S F T C  
D P E F S J T U P G P M M P X B D P O J Q S P J O F E E F W S F B O E T Q F D R G E Z S O H S F  
E F B M X J U I S F T Q P O T F T U I B U D B O O P U T U C B F O E B S E E D V E J J O H H U I S P D O F E F  
speci ed in (1).

5 I F D P E J O H J O E F Y J T U I F L F Z T I O T U S P V N R A V O U U G J P S O T N B X W J U I J O H \$ S O F  
codes. It can take the form of a durable printed publication, a loose-leaf binder, computer  
Q S J O U P V U P S B N B D I J O F S F B E B C M F T H B N F F X J O U E I B O D B B D P O I O W U T F F S E  
in all of these forms in manual, computer-assisted and automatic coding operations.

5 I F J O E F Y J T O F F E F E C F D B V T U J A O O P S U N F B M S O B T N F T G H P S & E M B  
. B O B H F S B S F O P U V T V B M M Z U I F T B S B C F T K L P C S T N J O O P S N U V I S B M M W T B F C  
F H I F B E U F B D I F S T D I P P M Q S B O T D J Q B M V O J W F S T J U Z E F B

5 I F J O E F Y F O U S J F T V T V B M M Z M B O T M W D B U J P O P E T F Z G P S N F O F B O S  
N P S F X P S E T C B T F E P O S F T Q P O T F T S J W V O E O W D I O G T V T V D I B O E T M S  
underlining and italics may be used to indicate whether speci c words can be matched with  
J O G P S N B U J P O H J W F O B T U I F P D D F V S O B M O R O M F U N J F U O W I B S Z U B O G P S  
U J P O T V D I B T J O E V T U S Z 5 I F J O E F Y B O T B T M B S D C I F E T B S U C F I B C I O U D D P E M  
G P S V Q E B U J O H B O E R V F S Z S F T P M V U J P O

\* O U I F B C T F O D F P G B O Z O B U J P O B M J O E F Y S O F M U P O E F Y F P S B O X O P W I F U S O  
B O B U J P O B M J O E F Y S O F M U P O E F Y F P S B O X O P W I F U S O  
NBZ CF B HPPE TUBSUJOH QPJOU BUPJEOVMJPOE FBY OBRXPVBSI JO  
UP SFnFDU MBOHVBHF BT VTFE J O T D V S S W I F Z E S F T Q P O T F T J O U I F

5 I F \* I n d e x o f o c c u p a t i o n a l t i t l e s b e f o u n d i n e l e c t r o n i c f o r m o n t h e I S C O  
X F C T J U F I U U Q X X X J M P P S H Q F C M U N F O S M C Z T I T C O V S F O W B O B E U N  
UP \* 4 \$ O ! J M P P S H B O E N B Z C F W F F M B O T N B O T U B S U O O H J O B O M U D J  
J O E F Y F T X J U I P V U C S F B D I P G \* - O D P Q Z S J H I U

\* O T P N F T U B U J T U J D B M D P M U M P F D D P E F F O E B W I B F S P F O I B D D C V F O F B O U J P O  
UP B QBSUJDVMBS BHHSFHBUF MF VHF MU IFG UI B HD M BM F Wn MB D GF  
O O F B S H V N F O U G P S U I J T J T U I F Q S S O V F N W F S E F D C P T D U B U P I G H O S E J D H J O U  
P G F S S P S T B O E T U B I P V S T S F R B U S E E F S F F T Q P O N T B F Z T B X N V M E O  
support coding to more detailed categories or that the detailed results may not be publishable  
due to sampling considerations.

5 I F F Y Q F S J F O D F P G N B O Z T U B W J F T S U J D B M U B H F O N D B S F H J I C B B T M T D P P  
coding to a larger number of ISCO categories are small. Error rates do not signi cantly increase  
B O E N B Z J N Q S P W F G P S B H H S F H B U F H S B W C F T E D P O E Z I O S H T O X P I O T M F T T  
E P O P U \$ P E J O H U P B O B S C J U S P S O Z N T O Z F W J I n S F O P F S W F F M O W O M W F D V O  
sary loss of information. With respect to sampling considerations, it is important to note that  
P D D V Q B U J P O D M B T T J m D B U J P O T J O E D M U V H E O D E H T A S U O I B U D B B S U F F O P S  
B QBSUJDVMBS IJFSBSDIJD B M U M E M U F B M M F S F M F W F O T J O G T D M F B T  
N B Z C F M B S H F S U I B O P U I F S T B U M F H W F S I N X E M F M M T M J S E J J O O U B J U P O  
M B U J P O J O U F S O B U J P O B M S F Q P S C U M O H O P D O E U B O S E B U S I E Q S P S V B B U I

6.5 Coding of vague and inadequate responses

8 I B U F W F S M F W F M P G E F U B F M S I P T G O B O F T F D T M B B Z J C n F D B U P P W B I H V V  
imprecise to allow the coder to determine to which category the job belongs. Such responses  
T I P V M E C F D P E F E U P U I F M F W F M P J S C U F U B F C O M U B F T J J O n O P S U N F P O J F O S O V S  
P O U I F R V F T U J P O O B J S F 5 I F Z T I P V M E M O B U E E U F B G R S F D E F B B L O U P P S O Z X I E S S U P  
T N B M M Q S P Q P S U J P O P G U I F K P C T E X F R W N B E J G B M U M J J G Q U B I S U S J F T V O N P O S M T Z X  
U P F O T V S F U I B U S F T J E V B M H S P V Q V T T F E / P G U P S & W B H X I F F S F T Q M O

" D P N N P O N F U I P E P G E F B M J O H P X O J S P W J I E H F U Q W S J I P T G J S O F T U O  
D P E J O H J O E F Y G P S D P N N P O M Z P D D V O S T S F J T O B S W B H T V F J H S O F O P L O I T F F D P

GPS UIF SFMFWBOU IJHIFS DBUFMPUSFZS OGBPUM WFXFXZ CTZV DSBDMED  
BTTJHOFE CZ TQFDJBMZ USBJOFEBDPQEBU FG BB RYFSZESDHPM  
QSPDFTT 'PS FYBNQMF JG UIF POMFZ QOSPBNBWTJB NWBMB  
SFTQPOTF DBO CF BTTJHOFE UIF GPBMFMPPXF E.BKZ SJ(SSPFV QFSPTB  
SFQSFTFOUFE BT i .BOBHFS /PU 'VSUIFS %FmOFEw

" TJNJMBS BQQSPBDI DBO CF BVPZUWPEUXFFDVEBNBKPSOHS  
MFWFM \*G GPS FYBNQMF WFBDMWZ JO GPBSON EUFJDEBE R  
4VC NBKPS (SPVQ 5FBDIJOH 1SPBTJTJHPQBM TB BPFESFGQSPOXI  
JT F FDUJWFMZ BO BSUJmDJBMOBVMOTU/ RHUSPVQUIFS %FmOFEDE  
adding two trailing zeros.

8IFO EBUB DBO CF DPEFE PONDHNBW USBJMJJQHS [HSPVQB  
BEEFE UP UIF EJHJU NJOPS HSJPTVQIBP ETPNFCPLIEZF JPTOMZNFJ  
EPDUPS GPS FYBNQMF JU NBZ OSUUCF QPPTQBO MFF SJFPG EFTU FL  
HFOFSBMJTU NFEJDBM QSDUJUJBMJSU GNOFEW QBMV QSDUJUSP  
(SPVQ 5IF SFTQPOTF DBO SFMJBC.MZJDBMDP%PDUUPS TJOB  
BTTJHOFE DPEF .FEJDBM %PDUPSTU BPOUUVSSUIFYSB%QMEFE  
UIF DBTF PG UIF SFTQPOTF iFOHJQBQ XJJWINBP QUBQOVSTPFGSV  
UP BTTJHO B DPEF &OHJOFmSJCEH 1SPGFTTJPOBMT /PU

\* O TUBUJTUJDBM PVUQVUT XJBSFU BFTF SXPNPBJTQTXBQDFPBOB  
is to allocate them proportionally to the more detailed categories in a transparent manner.

"MUFSOBUJWFMZ UIFZ DBO CF SYOMFBNFE JDUUBVCSUFT SM%CFmON  
'PS FYBNQMF JG QFS DFOU PG BEKNM (SSPTVQO OTCSPVPIEFEOUPP N\*P  
EFUBJMFE JOGPSNBUJPO UIBO

ODDVQBUJPO UJUMF .BOBHFS

5BTLT BOE EVUJFT QFSGPSNFE .BOBHFNFOU BOE TVQFSWJT.

JU NBZ CF BQQSPQSJBUF UP SIFQVSTFTDU.BWIFHFS EBJUBU J'OVST  
%FmOFE XJUI BO \*4\$O DPEF HVFOSBTHQPSQHTBTU FBSPV LBOVUPNE  
JDBMMZ JODMVEFE XJUI EBUB GPS UIF SFMFWBOU BHHSFHBUF

5IF VTF PG DPEFT XJUI UPSGBJTWJQQHM FN\$PTU BFSOZU BDPNFT  
MBCFMT GPS EBUB QSPDFTTJOH BOEUBVOWQWUF D BWAHVPBJFUTIFJ  
DMBTTJmDBUJPO UIFZ OFFE UP CFUPSBDFmBDEB-QSWBMTJEJQHEC  
QPTFT JO BEWBODF PG EBUB QSPB\$ZTDIEFBMVOH BTUUIPTU  
iJOBEFRVBUMZ EFTDSJCFEW iOPQPTUTBFUTFEW BOE iOPU BQQMJ

ANNEX 1

SEVENTEENTH INTERNATIONAL CONFERENCE OF LABOUR STATISTICIANS:  
RESOLUTION III

RESOLUTION CONCERNING FURTHER WORK ON THE INTERNATIONAL  
STANDARD CLASSIFICATION OF OCCUPATIONS

5 I F 4 F W F O U F F O U I \* O U F S O B U J P O B M T \$ P O G F S F O D F P G - B C P V S 4 U  
) B W J O H F Y B N J O F E U I F S F Q P S U U P B U M F - B E O G S S O O D F F T P & P L S I L F \* J O U  
classifications,

3 F D P H O J [ J O H U I F W B M V B C M F X P S L F U I B \* U O U I F B T O D I B S O B R U E J P P O V B J M  
P W F S U I F Z F B S T U P E F W F M I n t e r n a t i o n a l S t a n d a r d C l a s s i f i c a t i o n J P O P G U I F  
of Occupations (ISCO-88) B O E U P B E W J T F P O J U T V T F B T B N P E F M  
D M B T T J m D B U J P O T B T X F M M B T S P T O U B U J F T S J D T F B O E W F O B D M J S F  
applications,

3 F D P H O J [ J O H U I B U T P N F D P V O U S J F T J m I B M F J P O B T U J P I O B M E P D F S V O B H  
D B O U M Z G S P N \* 4 \$ O U P X F M M S F n F D U U I F J S O B U J P O B M D J

\$ P O D M V E J O H U I B U U I F C B T J D Q S J O D J O M P T V N B O E O R B J J C F T U S I V D O U H  
C V U U I B U O F W F S U I F M F T T N P E J m D B C J P P O I T U P S N B O L F F D B N D B S P Z V J F O F T O P U  
J O M J H I U P G F Y Q F S J F O D F H B J O F E B J T O F E N B O M Z B D P Y R O D S J U E P O V T J O B H  
B D P O T F R V F O D F P G E F W F M P Q N F O U T J O Z U F I E S X P S M E P G X P S L P

O C T F S W J O H U I B U U I F D V T U P E J B O T P D G M B B T U J J r D B M J P T O B O E T B X E F M  
the users of such classifications and of occupational statistics significantly benefit from the  
U F D I O J D B M B E W J T P S Z T F S W J D F P Q S B W J U E I F F B - O E J T V O J R V F M

3 F D B M M J O H U I F S F R V F T U N B E F C 6 Z O J U F E 4 U B U J J P O T J D B U M J S F M  
T F T T J P O . B S D I U I B U U I F U J O N F T U B C M E G P S U U W F S O W E F T P R  
U I F S P V O E P G Q P Q V M B U J P O B O E I P V T J O H D F O T V T F T

3 F R V F T U T U I F ( P W F S O J O H # P E Z P B U U P O \* O U F S O B U J P O B M - B

(a) ensure that the ILO, as the custodian of the International Standard Classification of Oc-  
cupations (ISCO-88) X J M M I B W F U I F D B Q B D J U Z U P

(1) undertake the research and consultations necessary to formulate the modifications  
B O E V Q E B U F T P G \* 4 \$ O U I B U B S F D O O D F O V B S Z P U P F S O F V S F  
good model for national occupational classifications to be used for statistics as well as for  
D M J F O U S F M B U F E B Q Q M J D B U J P O T

(2) complete this work not later than the end of 2007 for the results to be taken into  
account in national preparations for the majority of population censuses that are to be  
V O E F S U B L F O J O U I F S P V O E

C E F W F M P Q B O E J N Q M F N F O U N F D O B O P T P N O T F S G E P U S J R O J B O X E P S I P O U  
T V M U B U J P O X J U I S F Q S F T F O U B U J W J F T O B M D W I T U T P T E J m D O B T U P R G O D B B U T  
P U I F S F Y Q F S U T B O E J O U F S F T U F E Q B S U J F T

D D P O W F O F B O \* - O N F F U J O H P G P O S B S U F S P D P V M B M O B B B J B O  
P O U I F S F T V M U T U P U I F ( P W F S O J O H # P E Z B O E

E F O T V S F U I B U U I F \* - O X J M M F B W O J D B F M D B E W D T B S Z U P F S W P W E  
X J M M C F O F F E F E Q B S U J D V M B S M Z S E Z U U B U E O F B A U E J M O B I M O I P D D P A C O B U S  
D M B T T J m D B U J P O T D B O C F E F W F M P Q F C E F P S T F N E Q S P W W B E J D W P I S I Z T C  
reliably.

ANNEX 2

RESOLUTION CONCERNING UPDATING THE INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS

5 IF 5SJOBSUJUF .FFUJOH PG &YQFJSUHT UPIF \*BOUFWSSO BAWJBUJBT MJ D U BF  
Classi cation of Occupations (ISCO),

)BWJOH CFFO DPOWFOFE BU (FOFWB BZ EU IIFB WPIWHS OJFQH G#SPENZ  
UP % FDFNCFS

Recalling the Resolution of the Fourteenth International Conference of Labour Statisticians,  
NBEF PO /PWFNCFS FOEPS TM BHT JmFD B'OUJPFOS PBU O P O B Y O  
UJPOT \* 4 \$ O

3FDBMMJOH UIF SFRVFTU NBEF C6ZO JUJFE 4 XEBUJPTOTJ DBUM J\$FTM  
TFTTJPO .BSDI UIBU UIF UJON FTU BOME NPSUUWHFS O WJEJTPR  
UIF SPVOE PG QPQVMBUJPO BOE IPV TJOH DFOTVTFT

\$PODVSSJOH UIBU XIJMTU UIF CBTJ D4 QOJOD \$O-MEJTO BWE MNUEJ C  
OJmDBOU NPEJmDBUJ POT SfnFDUJ OJH TF WOTJ OJH O Z \$ OH B J OCFBET E O  
DMBTTJmDBUJ POT BOE OFX EFW FDNF P Q B \$ Z UJTP JBM WMI F X X P \$ MO  
DPOUJOVF UP CF B VTFGVM NPEFM BGTFS mJD B UEJFW H MEPOEN BO O BFG  
JOUFSOBUJPOBM DPNQBSJTPO BOCEZ FPYDDI B O BHFJ PPG JOG P S N B U

3FDBMMJOH UIF SFDPNNFOEUBUJPO B E P O B M C Z P O I G F \$ F W O U F F O - U B I C  
4UBUJTUJDBOT JO GPS UIF IN F \* F O J O P V O E B W B M V \$ O F U I B O X  
UP NBLF BQQSPQSJBUF SFDPNNFOE O U J P O T # P O Z U I B O S E F T V M U T U I

)BWJOH FYBNJOFE UIF SFQPSU UP G I F U I F F \* O J U O F S C E F U D P S O B M O H B O F  
O D F P O V O E B U J O H \* 4 \$ O

"EPQUT UIJT TJYUI EBZ PG % FDFPNCFS UIF GPMMPXJO

5 IF PDDVQBUJPOBM DMBTTJmDBUJPPSO BTQ EUV O J R G HNSPKVPOST T M  
JO UIF "OOFY UP UIJT SFTPMV UYJQFOS UT F O E - P B S C T F V E S C Z U B U F J  
BOE JT EFTJHOBUEF UIF \*OUFSOB UJDPV O B M U J P U C B T O E B S E \$ M B S T O J m D

\* 4 \$ O DMBTTJmDBUJPPSO BTQ EUV O J R G HNSPKVPOST T M  
duties performed, or meant to be performed, by one person, including for an employer or in self  
employment

"Occupations defined as set of jobs whose main tasks and duties are characterized by a  
high degree of similarity" QFSTPO NBZ CF BTTPDJBUFE XJOI BO PDDVQB  
KPC DVSSFOUMZ IFME B TFDPOE KPC PS B KPC QSFWJPTVMZ

+PCT BSF DMBTTJmFE CZ PDDVQXBPUSJIP OQ K \$ GIP S N T C E F D B S U R P  
QFSGPSNFE 5IF CBTJD DSJUFSJB TWTCF EN BUKPP SE F m O O P U S I F B O E T  
HSPVQT BSF UIF iTLJMM MFWEMUWP B O P N O F U J O W M Z Q O E S B M  
tasks and duties of the occupations.

\* O D P M M F D U J O H B O E Q S P D F J P T O O H F T H U B G U P J S T W J T C F T J O M n B F T M E n F  
labour market analysis, educational planning, human resource planning, occupational health  
BOE TBGFUZ BOBMZTJT XBHFT B O B N Z B W T P V S U D P D P B O U N O P V E O B U J  
DBO CF DPOWFSUFE UP UIF \* 4 \$ O O B U T J Z T O W F M W T P F G B O B M D J O B O B  
of occupational information.

\$ P V O U S J F T T I P V M E Q S P W J E F B O H G S P S Y O B U E J P n O O R U E P J O I F U I F  
classi cation (or classi cations) of occupations used for national purposes can best be related  
UP \* 4 \$ O

5 IF .FFUJOH PG &YQFSUT OPUFT UIBU UIF \*-O QMBOT UP  
B QVCMJTI \* 4 \$ O JODMVEJOH SEFM O O B S P O C E P V O U U F HNSPKVPOST  
BO JOEFY PG PDDVQBUJ POT JO &OHMJTI 'SFODI BOE 4 O B

C QSPWJEF B NBOVBM BOE USBJOJOHGNS WFTSJB M O BUIJPOBUN I  
SFHJPOBM TFUUJOHT BOE QSPWHEFBUTSBSJDFJTO HP GP S FBI JS  
XPSLTIPQT

- (c) ensure that, as the custodian of the International Standard Classification of Occupations (ISCO-08) JU XJMM IBWF UIF DBQBDJUZ USPWQSPWJEFBUIXJWFNI  
CF OFFEFE QBSUJDVMBSMZ CZ UIBLEFOBRUMPOBOMH PDPDWQBSJJPOT  
DMBTTJmDBUJPOT DBO CF EFWFMPQEE PSTFJN CFSFWEBWDFNS SFB  
reliably.

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8 P S L J O H 1 B Q F S / P 1 P M J D Z \* O U B S B U B D T % ( F O F W B F O U - O # V S F B
- Embury, B. et al. 1997. Constructing a map of the world of work: How to develop the structure and contents  
of a national standard classification of occupations. 8 P S L J O H 1 B Q F S / P # V S F B V P G  
( F O F W B \* - O
- ) P N B O O & i . B Q Q J O H B O B U J P O T B M O D M B \* T 4 \$ J O n D B U J P O U M P G O P D F D  
T U S B U F H Z w \$ I B Q U F S L a b o u r S t a t i s t i c s f o r F a s t e r E u r o p e : C h a l l e n g e s  
and solutions in the transition countries of Central and Eastern Europe and the former Soviet Union  
# V E B Q F T U \$ F O U S B M & V S P Q F B O 6 O J W F S T J U Z 1 S F T T
- . 1999. International statistical comparisons of occupations and social structures: Problems, possibilities  
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htm.
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4 U B U J T U J D T ( F O F W B \* - O  
F U B W h a t k i n d o f w o r k d o y o u d o ? D a t a c o l l e c t i o n a n d p r o c e s s i n g s t r a t e g i e s w h e n m e a s u r i n g  
occupation for statistical surveys and administrative purposes. 8 P S L J O H 1 B Q F S / P # V S F B V  
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PART II

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**STRUCTURE OF THE INTERNATIONAL STANDARD  
CLASSIFICATION OF OCCUPATIONS (ISCO-08)**



**MAJOR GROUPS**

- 1 Managers**
- 2 Professionals**
- 3 Technicians and Associate Professionals**
- 4 Clerical Support Workers**
- 5 Services and Sales Workers**
- 6 Skilled Agricultural, Forestry and Fishery Workers**
- 7 Craft and Related Trades Workers**
- 8 Plant and Machine Operators and Assemblers**
- 9 Elementary Occupations**
- 0 Armed Forces Occupations**

## MAJOR AND SUB-MAJOR GROUPS

### 1 Managers

- 12 Administrative and Commercial Managers
- 13 Production and Specialized Services Managers
- 14 Hospitality, Retail and Other Services Managers

### 2 Professionals

- 21 Science and Engineering Professionals
- 22 Health Professionals
- 23 Teaching Professionals
- 24 Business and Administration Professionals
- 25 Information and Communications Technology Professionals

### 3 Technicians and Associate Professionals

- 31 Science and Engineering Associate Professionals
- 32 Health Associate Professionals
- 33 Business and Administration Associate Professionals
- ! " #
- 35 Information and Communications Technicians

### 4 Clerical Support Workers

- 41 General and Keyboard Clerks
- 42 Customer Services Clerks
- 43 Numerical and Material Recording Clerks
- 44 Other Clerical Support Workers

### 5 Services and Sales Workers

- 51 Personal Services Workers
- 52 Sales Workers
- 53 Personal Care Workers
- 54 Protective Services Workers

### 6 Skilled Agricultural, Forestry and Fishery Workers

- 61 Market-oriented Skilled Agricultural Workers
- 62 Market-oriented Skilled Forestry, Fishery and Hunting Workers
- 63 Subsistence Farmers, Fishers, Hunters and Gatherers

### 7 Craft and Related Trades Workers

- 71 Building and Related Trades Workers (excluding Electricians)
- 72 Metal, Machinery and Related Trades Workers
- 73 Handicraft and Printing Workers
- 74 Electrical and Electronic Trades Workers
- 75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers

### 8 Plant and Machine Operators and Assemblers

- 81 Stationary Plant and Machine Operators
- 82 Assemblers
- 83 Drivers and Mobile Plant Operators

**9 Elementary Occupations**

91 Cleaners and Helpers

\$ # % & % & ' \$ ' \* \* + /

94 Food Preparation Assistants

95 Street and Related Sales and Services Workers

96 Refuse Workers and Other Elementary Workers

**0 Armed Forces Occupations**

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03 Armed Forces Occupations, Other Ranks

## MAJOR, SUB-MAJOR AND MINOR GROUPS

### 1 Managers

- Q
- 112 Managing Directors and Chief Executives
- 12 Administrative and Commercial Managers
  - 121 Business Services and Administration Managers
  - / # . /
- 13 Production and Specialized Services Managers
  - ) / " ? \$ ? ' /
  - / / # ( /
  - 133 Information and Communications Technology Services Managers
  - 134 Professional Services Managers
- 14 Hospitality, Retail and Other Services Managers
  - 141 Hotel and Restaurant Managers
  - 142 Retail and Wholesale Trade Managers
  - 143 Other Services Managers

### 2 Professionals

- 21 Science and Engineering Professionals
  - 211 Physical and Earth Science Professionals
  - / ' . "
  - 213 Life Science Professionals
  - 214 Engineering Professionals (excluding Electrotechnology)
  - 215 Electrotechnology Engineers
  - \* " ' ) \$ #
- 22 Health Professionals
  - 221 Medical Doctors
  - 222 Nursing and Midwifery Professionals
  - 223 Traditional and Complementary Medicine Professionals
  - 224 Paramedical Practitioners
  - 225 Veterinarians
  - 226 Other Health Professionals
- 23 Teaching Professionals
  - 231 University and Higher Education Teachers
  - 232 Vocational Education Teachers
  - 233 Secondary Education Teachers
  - 234 Primary School and Early Childhood Teachers
  - 235 Other Teaching Professionals
- 24 Business and Administration Professionals
  - 241 Finance Professionals
  - 242 Administration Professionals
  - / ) ( Y )
- 25 Information and Communications Technology Professionals
  - 251 Software and Applications Developers and Analysts
  - 252 Database and Network Professionals
- 261 Legal Professionals
  - \* Q ( " ' )
- 263 Social and Religious Professionals

\* " ' Z Q  
265 Creative and Performing Artists

**3 Technicians and Associate Professionals**

- 31 Science and Engineering Associate Professionals
  - 311 Physical and Engineering Science Technicians  
/ /
  - 313 Process Control Technicians
  - 314 Life Science Technicians and Related Associate Professionals
  - 315 Ship and Aircraft Controllers and Technicians
- 32 Health Associate Professionals
  - 321 Medical and Pharmaceutical Technicians
  - 322 Nursing and Midwifery Associate Professionals
  - 323 Traditional and Complementary Medicine Associate Professionals
  - 324 Veterinary Technicians and Assistants
  - 325 Other Health Associate Professionals
- 33 Business and Administration Associate Professionals
  - 331 Financial and Mathematical Associate Professionals
  - 332 Sales and Purchasing Agents and Brokers
  - 333 Business Services Agents
  - 334 Administrative and Specialized Secretaries
  - 335 Government Regulatory Associate Professionals
- ! Q Y " # )  
342 Sports and Fitness Workers  
" \$ " )
- 35 Information and Communications Technicians
  - 351 Information and Communications Technology Operations and User Support Technicians
  - 352 Telecommunications and Broadcasting Technicians

**4 Clerical Support Workers**

- 41 General and Keyboard Clerks
  - J
  - 412 Secretaries :general;
  - 413 Keyboard Operators
- 42 Customer Services Clerks
  - @ / \$ Y
  - 422 Client Information Workers
- 43 Numerical and Material Recording Clerks
  - 431 Numerical Clerks
  - 432 Material Recording and Transport Clerks
- 44 Other Clerical Support Workers
  - 441 Other Clerical Support Workers

**5 Services and Sales Workers**

- 51 Personal Services Workers
  - @ " J
  - 512 Cooks
  - 513 Waiters and Bartenders
  - , Y +
  - 515 Building and Housekeeping Supervisors
  - 516 Other Personal Services Workers



- 52 Sales Workers
  - 521 Street and Market Salespersons
  - 522 Shop Salespersons
  - 523 Cashiers and Ticket Clerks
  - 524 Other Sales Workers
- 53 Personal Care Workers
  - 531 Child Care Workers and Teachers Aides
  - 532 Personal Care Workers in Health Services
- 54 Protective Services Workers
  - 541 Protective Services Workers

## 6 Skilled Agricultural, Forestry and Fishery Workers

- 61 Market-oriented Skilled Agricultural Workers
  - 611 Market Gardeners and Crop Growers
  - 612 Animal Producers
  - 613 Mixed Crop and Animal Producers
- 62 Market-oriented Skilled Forestry, Fishery and Hunting Workers
  - 621 Forestry and Related Workers
    - \* ? ' \$ + @
- 63 Subsistence Farmers, Fishers, Hunters and Gatherers
  - 631 Subsistence Crop Farmers
  - 632 Subsistence Livestock Farmers
  - 633 Subsistence Mixed Crop and Livestock Farmers
    - \* ( ? ' @ J ' )

## 7 Craft and Related Trades Workers

- 71 Building and Related Trades Workers (excluding Electricians)
  - 711 Building Frame and Related Trades Workers
  - 712 Building Finishers and Related Trades Workers
    - [ ) , Y @ +
- 72 Metal, Machinery and Related Trades Workers
  - [ ' / + / + Y +
  - [ , . ' @ . Y @ +
  - 723 Machinery Mechanics and Repairers
- 73 Handicraft and Printing Workers
  - 731 Handicraft Workers
  - 732 Printing Trades Workers
- 74 Electrical and Electronic Trades Workers
  - 741 Electrical Equipment Installers and Repairers
  - 742 Electronics and Telecommunications Installers and Repairers
- 75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers
  - 751 Food Processing and Related Trades Workers
    - [ + @ ( \. Y @ +
  - 753 Garment and Related Trades Workers
  - 754 Other Craft and Related Workers

## 8 Plant and Machine Operators and Assemblers

- 81 Stationary Plant and Machine Operators
  - 811 Mining and Mineral Processing Plant Operators
  - 812 Metal Processing and Finishing Plant Operators
  - 813 Chemical and Photographic Products Plant and Machine Operators
    - ] Y (( ) ) / '
    - ] @ ^ ? Q ' ) / '

- 816 Food and Related Products Machine Operators
- 817 Wood Processing and Papermaking Plant Operators
- 818 Other Stationary Plant and Machine Operators

82 Assemblers

- 821 Assemblers

83 Drivers and Mobile Plant Operators

- 831 Locomotive Engine Drivers and Related Workers

] \_ / \$ #

- 833 Heavy Truck and Bus Drivers

- 834 Mobile Plant Operators

- 835 Ships Deck Crews and Related Workers

**9 Elementary Occupations**

91 Cleaners and Helpers

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- 931 Mining and Construction Labourers

- 932 Manufacturing Labourers

- 933 Transport and Storage Labourers

94 Food Preparation Assistants

- 941 Food Preparation Assistants

95 Street and Related Sales and Services Workers

- 951 Street and Related Services Workers

- 952 Street Vendors :excluding Food;

96 Refuse Workers and Other Elementary Workers

- 961 Refuse Workers

- 962 Other Elementary Workers

**0 Armed Forces Occupations**

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03 Armed Forces Occupations, Other Ranks

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**MAJOR, SUB-MAJOR, MINOR AND UNIT GROUPS****1 Managers**

Q

1111 Legislators

J

1113 Traditional Chiefs and Heads of Villages

112 Managing Directors and Chief Executives

1120 Managing Directors and Chief Executives

**12 Administrative and Commercial Managers**

121 Business Services and Administration Managers

1211 Finance Managers

1212 Human Resource Managers

1213 Policy and Planning Managers

/ # . / % &amp; !

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1221 Sales and Marketing Managers

1222 Advertising and Public Relations Managers

1223 Research and Development Managers

**13 Production and Specialized Services Managers**

) / " ? \$ ? ' / # ( /

1311 Agricultural and Forestry Production Managers

1312 Aquaculture and Fisheries Production Managers

/ # ( /

1321 Manufacturing Managers

1322 Mining Managers

1323 Construction Managers

\$ # ( Y /

133 Information and Communications Technology Services Managers

1330 Information and Communications Technology Services Managers

**134 Professional Services Managers**

1341 Child Care Services Managers

1342 Health Services Managers

1343 Aged Care Services Managers

1344 Social Welfare Managers

1345 Education Managers

1346 Financial and Insurance Services Branch Managers

) / % &amp; !

**14 Hospitality, Retail and Other Services Managers**

141 Hotel and Restaurant Managers

1411 Hotel Managers

1412 Restaurant Managers

142 Retail and Wholesale Trade Managers

1420 Retail and Wholesale Trade Managers

143 Other Services Managers

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**2 Professionals****21 Science and Engineering Professionals**

211 Physical and Earth Science Professionals

2111 Physicists and Astronomers

2112 Meteorologists

- 2113 Chemists
- 2114 Geologists and Geophysicists
- 213 Life Science Professionals
  - 2133 Environmental Protection Professionals
- 214 Engineering Professionals (excluding Electrotechnology);
  - 2141 Industrial and Production Engineers
  - 2142 Civil Engineers
  - 2143 Environmental Engineers
  - 2144 Mechanical Engineers
  - 2145 Chemical Engineers
- 215 Electrotechnology Engineers
  - 2151 Electrical Engineers
  - 2152 Electronics Engineers
  - 2153 Telecommunications Engineers
  - 2161 Building Architects
  - 2162 Landscape Architects
  - 2163 Product and Garment Designers
  - 2165 Cartographers and Surveyors
  - 2166 Graphic and Multimedia Designers
- 22 Health Professionals
  - 221 Medical Doctors
    - 2211 Generalist Medical Practitioners
    - 2212 Specialist Medical Practitioners
  - 222 Nursing and Midwifery Professionals
    - 2221 Nursing Professionals
    - 2222 Midwifery Professionals
  - 223 Traditional and Complementary Medicine Professionals
    - 2230 Traditional and Complementary Medicine Professionals
  - 224 Paramedical Practitioners
    - 2240 Paramedical Practitioners
  - 225 Veterinarians
    - 2250 Veterinarians
  - 226 Other Health Professionals
    - 2261 Dentists
    - 2262 Pharmacists
    - 2263 Environmental and Occupational Health and Hygiene Professionals
    - 2264 Physiotherapists
    - 2265 Dieticians and Nutritionists
    - 2266 Audiologists and Speech Therapists
    - 2267 Optometrists and Ophthalmic Opticians
- 23 Teaching Professionals
  - 231 University and Higher Education Teachers
    - 2310 University and Higher Education Teachers
  - 232 Vocational Education Teachers
    - 2320 Vocational Education Teachers
  - 233 Secondary Education Teachers
    - 2330 Secondary Education Teachers

- 234 Primary School and Early Childhood Teachers
  - 2341 Primary School Teachers
  - 2342 Early Childhood Educators
- 235 Other Teaching Professionals
  - 2351 Education Methods Specialists
  - 2352 Special Needs Teachers
  - 2353 Other Language Teachers
  - 2354 Other Music Teachers
  - 2355 Other Arts Teachers
  - 2356 Information Technology Trainers
- 24 Business and Administration Professionals
  - 241 Finance Professionals
    - 2411 Accountants
    - 2412 Financial and Investment Advisers
    - 2413 Financial Analysts
  - 242 Administration Professionals
    - 2421 Management and Organization Analysts
    - 2422 Policy Administration Professionals
    - 2423 Personnel and Careers Professionals
    - 2424 Training and Staff Development Professionals
  - 2431 Advertising and Marketing Professionals
  - 2432 Public Relations Professionals
  - 2433 Technical and Medical Sales Professionals :excluding ICT;
  - 2434 Information and Communications Technology Sales Professionals
- 25 Information and Communications Technology Professionals
  - 251 Software and Applications Developers and Analysts
    - 2511 Systems Analysts
    - 2512 Software Developers
    - 2513 Web and Multimedia Developers
    - 2514 Applications Programmers
  - 252 Database and Network Professionals
    - 2521 Database Designers and Administrators
    - 2522 Systems Administrators
    - 2523 Computer Network Professionals
- 261 Legal Professionals
  - 2611 Lawyers
- 2621 Archivists and Curators
- 2622 Librarians and Related Information Professionals
- 263 Social and Religious Professionals
  - 2631 Economists
  - 2634 Psychologists
  - 2635 Social Work and Counselling Professionals
  - 2636 Religious Professionals
  - 2641 Authors and Related Writers

265 Creative and Performing Artists  
 2651 Visual Artists  
 \* /  
 2653 Dancers and Choreographers  
 \* ? . Y # )  
 2655 Actors  
 \* \* " Y @ ' /  
 \* ) . " % & !

### 3 Technicians and Associate Professionals

- 31 Science and Engineering Associate Professionals
  - 311 Physical and Engineering Science Technicians
    - 3111 Chemical and Physical Science Technicians
    - 3112 Civil Engineering Technicians
    - 3113 Electrical Engineering Technicians
    - 3114 Electronics Engineering Technicians
    - 3115 Mechanical Engineering Technicians
    - 3116 Chemical Engineering Technicians
    - 3117 Mining and Metallurgical Technicians
    - 3118 Draughtspersons  
 ) \$ & @ ' % & !  
 / /
    - 3121 Mining Supervisors
    - 3122 Manufacturing Supervisors
    - 3123 Construction Supervisors
  - 313 Process Control Technicians
    - 3131 Power Production Plant Operators
    - 3132 Incinerator and Water Treatment Plant Operators
    - 3133 Chemical Processing Plant Controllers  
 ) . % J Y )
    - 3135 Metal Production Process Controllers  
 ) @ ' % & !
  - 314 Life Science Technicians and Related Associate Professionals
    - 3141 Life Science Technicians :excluding Medical;
    - 3142 Agricultural Technicians
    - 3143 Forestry Technicians
  - 315 Ship and Aircraft Controllers and Technicians
    - 3151 Ships Engineers  
 ' { # )
    - 3153 Aircraft Pilots and Related Associate Professionals  
 " @  
 " @ \$ & @ '
- 32 Health Associate Professionals
  - 321 Medical and Pharmaceutical Technicians
    - 3211 Medical Imaging and Therapeutic Equipment Technicians
    - 3212 Medical and Pathology Laboratory Technicians
    - 3213 Pharmaceutical Technicians and Assistants
    - 3214 Medical and Dental Prosthetic Technicians
  - 322 Nursing and Midwifery Associate Professionals
    - 3221 Nursing Associate Professionals
    - 3222 Midwifery Associate Professionals
  - 323 Traditional and Complementary Medicine Associate Professionals
    - 3230 Traditional and Complementary Medicine Associate Professionals
  - 324 Veterinary Technicians and Assistants
    - 3240 Veterinary Technicians and Assistants
  - 325 Other Health Associate Professionals
    - 3251 Dental Assistants and Therapists
    - 3252 Medical Records and Health Information Technicians

- 3253 Community Health Workers
- 3254 Dispensing Opticians
- 3255 Physiotherapy Technicians and Assistants
- 3256 Medical Assistants
- 3257 Environmental and Occupational Health Inspectors and Associates
- 3258 Ambulance Workers
- ' " ) % & !'
- 33 Business and Administration Associate Professionals
  - 331 Financial and Mathematical Associate Professionals
    - 3311 Securities and Finance Dealers and Brokers
    - Q
    - 3313 Accounting Associate Professionals
    - / ' . Y " )
    - 3315 Valuers and Loss Assessors
  - 332 Sales and Purchasing Agents and Brokers
    - 3321 Insurance Representatives
    - 3322 Commercial Sales Representatives
    - 3323 Buyers
    - 3324 Trade Brokers
  - 333 Business Services Agents
    - 3331 Clearing and Forwarding Agents
    - 3332 Conference and Event Planners
    - 3333 Employment Agents and Contractors
    - 3334 Real Estate Agents and Property Managers
    - , " % & !'
  - 334 Administrative and Specialized Secretaries
    - 3342 Legal Secretaries
    - 3343 Administrative and Executive Secretaries
    - 3344 Medical Secretaries
  - 335 Government Regulatory Associate Professionals
    - 3351 Customs and Border Inspectors
    - J . @ ^ & ^
    - J . ,
    - J . Q
    - 3355 Police Inspectors and Detectives
    - J . Y \$ " ) % & !'
- ! " #
- Q Y " )
- 3411 Legal and Related Associate Professionals
- 3412 Social Work Associate Professionals
- 3413 Religious Associate Professionals
- 342 Sports and Fitness Workers
  - 3421 Athletes and Sports Players
  - ' <
  - 3423 Fitness and Recreation Instructors and Programme Leaders
  - " \$ " )
  - 3431 Photographers
  - 3432 Interior Designers and Decorators
  - J \$ / . Q ( \$ @ '
  - 3434 Chefs
  - 3435 Other Artistic and Cultural Associate Professionals
- 35 Information and Communications Technicians
  - 351 Information and Communications Technology Operations and User Support Technicians
    - 3511 Information and Communications Technology Operations Technicians
    - 3512 Information and Communications Technology User Support Technicians
    - 3513 Computer Network and Systems Technicians

- 3514 Web Technicians
- 352 Telecommunications and Broadcasting Technicians
  - 3521 Broadcasting and Audiovisual Technicians
  - 3522 Telecommunications Engineering Technicians

**4 Clerical Support Workers**

- 41 General and Keyboard Clerks
  - J
  - > J
  - 412 Secretaries :general;
    - 4120 Secretaries :general;
  - 413 Keyboard Operators
    - 4131 Typists and Word Processing Operators
    - 4132 Data Entry Clerks
- 42 Customer Services Clerks
  - @ / \$ Y
  - 4211 Bank Tellers and Related Clerks
  - , . Y J . +
  - 4213 Pawnbrokers and Money-lenders
  - 4214 Debt Collectors and Related Workers
  - 422 Client Information Workers
    - 4221 Travel Consultants and Clerks
    - 4222 Contact Centre Information Clerks
    - 4223 Telephone Switchboard Operators
    - 4224 Hotel Receptionists
    - 4225 Inquiry Clerks
    - 4226 Receptionists :general;
    - 4227 Survey and Market Research Interviewers
    - < . + % & !'
- 43 Numerical and Material Recording Clerks
  - 431 Numerical Clerks
    - 4311 Accounting and Bookkeeping Clerks
    - ? <
    - 4313 Payroll Clerks
  - 432 Material Recording and Transport Clerks
    - 4321 Stock Clerks
    - 4322 Production Clerks
    - 4323 Transport Clerks
- 44 Other Clerical Support Workers
  - 441 Other Clerical Support Workers
    - 4411 Library Clerks
    - 4412 Mail Carriers and Sorting Clerks
    - ) Y
    - 4414 Scribes and Related Workers
    - 4415 Filing and Copying Clerks
    - 4416 Personnel Clerks
    - + % & !'

**5 Services and Sales Workers**

- 51 Personal Services Workers
  - @ " J
  - 5111 Travel Attendants and Travel Stewards
  - 5112 Transport Conductors
  - 5113 Travel Guides
- 512 Cooks
  - 5120 Cooks



- 513 Waiters and Bartenders
  - 5131 Waiters
  - 5132 Bartenders
  - , Y +
  - 5141 Hairdressers
  - 5142 Beauticians and Related Workers
- 515 Building and Housekeeping Supervisors
  - ishments ' & (-
  - 5152 Domestic Housekeepers
  - 5153 Building Caretakers
- 516 Other Personal Services Workers
  - \* " ? \ Y +
  - 5162 Companions and Valets
  - 5163 Undertakers and Embalmers
  - 5164 Pet Groomers and Animal Care Workers
  - 5165 Driving Instructors
  - \* ) + % & !'
- 52 Sales Workers
  - 521 Street and Market Salespersons
    - 5211 Stall and Market Salespersons
    - 5212 Street Food Salespersons
  - 522 Shop Salespersons
    - 5221 Shopkeepers
    - 5222 Shop Supervisors
    - 5223 Shop Sales Assistants
  - 523 Cashiers and Ticket Clerks
    - 5230 Cashiers and Ticket Clerks
  - 524 Other Sales Workers
    - 5241 Fashion and Other Models
    - 5242 Sales Demonstrators
    - 5243 Door-to-door Salespersons
    - 5244 Contact Centre Salespersons
    - 5245 Service Station Attendants
    - 5246 Food Service Counter Attendants
    - + % & !'
- 53 Personal Care Workers
  - 531 Child Care Workers and Teachers Aides
    - 5311 Child Care Workers
    - 5312 Teachers Aides
  - 532 Personal Care Workers in Health Services
    - 5321 Health Care Assistants
    - 5322 Home-based Personal Care Workers
    - ) + ' % & !'
- 54 Protective Services Workers
  - 541 Protective Services Workers
    - ? ' )
    - 5413 Prison Guards
    - 5414 Security Guards
    - ) + % & !'
- 6 Skilled Agricultural, Forestry and Fishery Workers**
  - 61 Market-oriented Skilled Agricultural Workers
    - 611 Market Gardeners and Crop Growers
      - 6111 Field Crop and Vegetable Growers
      - 6112 Tree and Shrub Crop Growers

- 6113 Gardeners| Horticultural and Nursery Growers
- 6114 Mixed Crop Growers
- 612 Animal Producers
  - 6121 Livestock and Dairy Producers
  - 6122 Poultry Producers
  - 6123 Apiarists and Sericulturists
  - \* " . ) % & !'
- 613 Mixed Crop and Animal Producers
  - 6130 Mixed Crop and Animal Producers
- 62 Market-oriented Skilled Forestry, Fishery and Hunting Workers
  - 621 Forestry and Related Workers
    - 6210 Forestry and Related Workers
    - \* ? ' \$ + @
    - 6221 Aquaculture Workers
    - 6222 Inland and Coastal Waters Fishery Workers
    - 6223 Deep-sea Fishery Workers
    - 6224 Hunters and Trappers
  - 63 Subsistence Farmers, Fishers, Hunters and Gatherers
    - 631 Subsistence Crop Farmers
      - 6310 Subsistence Crop Farmers
    - 632 Subsistence Livestock Farmers
      - 6320 Subsistence Livestock Farmers
    - 633 Subsistence Mixed Crop and Livestock Farmers
      - 6330 Subsistence Mixed Crop and Livestock Farmers
      - \* ( ? ' @ J '
        - \* > ( ? ' @ J '
          -

**7 Craft and Related Trades Workers**

- 71 Building and Related Trades Workers (excluding Electricians)
  - 711 Building Frame and Related Trades Workers
    - 7111 House Builders
    - 7112 Bricklayers and Related Workers
      - [
      - [ . ) ? ' Y +
      - [ Z
      - [ , ? . Y @ + % & !'
  - 712 Building Finishers and Related Trades Workers
    - 7121 Roofers
    - 7122 Floor Layers and Tile Setters
    - 7123 Plasterers
    - 7124 Insulation Workers
    - 7125 Glaziers
    - 7126 Plumbers and Pipe Fitters
    - 7127 Air Conditioning and Refrigeration Mechanics
      - [ ) , Y @ +
    - 7131 Painters and Related Workers
    - 7132 Spray Painters and Varnishers
    - 7133 Building Structure Cleaners
- 72 Metal, Machinery and Related Trades Workers
  - [ ' / + / + Y +
    - 7211 Metal Moulders and Coremakers
    - 7212 Welders and Flame Cutters
    - 7213 Sheet Metal Workers
    - 7214 Structural Metal Preparers and Erectors
    - 7215 Riggers and Cable Splicers
    - [ , . ' @ . Y @ +
      - [ , . ' .. . ' ? ) +

- 7222 Toolmakers and Related Workers
- 7223 Metal Working Machine Tool Setters and Operators
- [ / ) ' + ' J @ '
  - 723 Machinery Mechanics and Repairers
    - 7231 Motor Vehicle Mechanics and Repairers
    - 7232 Aircraft Engine Mechanics and Repairers
    - 7233 Agricultural and Industrial Machinery Mechanics and Repairers
    - 7234 Bicycle and Related Repairers
- 73 Handicraft and Printing Workers
  - 731 Handicraft Workers
    - 7311 Precision-instrument Makers and Repairers
    - 7312 Musical Instrument Makers and Tuners
    - [ Z ! \$ ) / +
      - 7314 Potters and Related Workers
      - [ J / J ? '
        - [ \* ! # ) & & '
          - [ [ + + , \$ Y /
          - [ ] + @ ^ Q ' Y /
          - [ + % & !'
  - 732 Printing Trades Workers
    - 7321 Pre-press Technicians
    - 7322 Printers
    - 7323 Print Finishing and Binding Workers
- 74 Electrical and Electronics Trades Workers
  - 741 Electrical Equipment Installers and Repairers
    - 7411 Building and Related Electricians
    - 7412 Electrical Mechanics and Fitters
    - 7413 Electrical Line Installers and Repairers
  - 742 Electronics and Telecommunications Installers and Repairers
    - 7421 Electronics Mechanics and Servicers
    - 7422 Information and Communications Technology Installers and Servicers
- 75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers
  - 751 Food Processing and Related Trades Workers
    - [ , ' ? ' Y ? )
      - [ , ) \$ \ \$ /
      - 7513 Dairy Products Makers
      - [ ? \_ ( Y )
      - 7515 Food and Beverage Tasters and Graders
      - 7516 Tobacco Preparers and Tobacco Products Makers
      - [ + @ ( \. Y @ +
        - 7521 Wood Treaters
        - 7522 Cabinet-makers and Related Workers
        - 7523 Woodworking Machine Tool Setters and Operators
    - 753 Garment and Related Trades Workers
      - [ @ # . ?
        - 7532 Garment and Related Patternmakers and Cutters
        - [ ! &.( \$ Y +
        - 7534 Upholsterers and Related Workers
        - [ ) # @ ? .
        - 7536 Shoemakers and Related Workers
    - 754 Other Craft and Related Workers
      - 7541 Underwater Divers
      - [ '
        - 7543 Product Graders and Testers :excluding Foods and Beverages;
        - 7544 Fumigators and Other Pest and Weed Controllers
        - [ Y + % & !'

**8 Plant and Machine Operators and Assemblers**

- 81 Stationary Plant and Machine Operators
  - 811 Mining and Mineral Processing Plant Operators
    - 8111 Miners and Quarriers
    - 8112 Mineral and Stone Processing Plant Operators
    - 8113 Well Drillers and Borers and Related Workers
  - 812 Metal Processing and Finishing Plant Operators
    - 8121 Metal Processing Plant Operators
  - 813 Chemical and Photographic Products Plant and Machine Operators
    - 8131 Chemical Products Plant and Machine Operators
    - 8132 Photographic Products Machine Operators
  - 814 Rubber, Plastic and Paper Products Machine Operators
    - 8141 Rubber Products Machine Operators
    - 8142 Plastic Products Machine Operators
    - 8143 Paper Products Machine Operators
  - 815 Textile and Apparel Machine Operators
    - 8151 Weaving and Knitting Machine Operators
    - 8152 Weaving and Knitting Machine Operators
    - 8153 Sewing Machine Operators
    - 8154 Fur and Leather Preparing Machine Operators
    - 8155 Fur and Leather Preparing Machine Operators
    - 8156 Shoemaking and Related Machine Operators
    - 8157 Laundry Machine Operators
  - 816 Food and Related Products Machine Operators
    - 8160 Food and Related Products Machine Operators
  - 817 Wood Processing and Papermaking Plant Operators
    - 8171 Pulp and Papermaking Plant Operators
    - 8172 Wood Processing Plant Operators
  - 818 Other Stationary Plant and Machine Operators
    - 8181 Glass and Ceramics Plant Operators
    - 8182 Steam Engine and Boiler Operators
- 82 Assemblers
  - 821 Assemblers
    - 8211 Mechanical Machinery Assemblers
    - 8212 Electrical and Electronic Equipment Assemblers
- 83 Drivers and Mobile Plant Operators
  - 831 Locomotive Engine Drivers and Related Workers
    - 8311 Locomotive Engine Drivers
  - 832 Motorcycle Drivers
    - 8321 Motorcycle Drivers
  - 833 Heavy Truck and Bus Drivers
    - 8331 Bus and Tram Drivers
    - 8332 Heavy Truck and Lorry Drivers
  - 834 Mobile Plant Operators
    - 8341 Mobile Farm and Forestry Plant Operators
    - 8342 Earthmoving and Related Plant Operators

- 8344 Lifting Truck Operators
- 835 Ships Deck Crews and Related Workers
- 8350 Ships Deck Crews and Related Workers

## 9 Elementary Occupations

### 91 Cleaners and Helpers

- # .
- 9111 Domestic Cleaners and Helpers ' & ( ' .
- ' + ! Q \$ ' +
- 9121 Hand Launderers and Pressers
- 9122 Vehicle Cleaners
- 9123 Window Cleaners
- 9129 Other Cleaning Workers

- \$ # % & % & ' "
- " ? \$ ? ' \$ Q (
- 9211 Crop Farm Labourers
- 9212 Livestock Farm Labourers
- 9213 Mixed Crop and Livestock Farm Labourers
- 9214 Garden and Horticultural Labourers
- 9215 Forestry Labourers
- 9216 Fishery and Aquaculture Labourers

- \$ ' \* \* + /
- 931 Mining and Construction Labourers
- 9311 Mining and Quarrying Labourers
- 9312 Civil Engineering Labourers
- 9313 Building Construction Labourers
- 932 Manufacturing Labourers
- 9321 Hand Packers / Q ( % & !'
- 933 Transport and Storage Labourers
- 9331 Hand and Pedal Vehicle Drivers
- 9332 Drivers of Animal-drawn Vehicles and Machinery
- 9333 Freight Handlers
- 9334 Shelf Fillers

### 94 Food Preparation Assistants

- 941 Food Preparation Assistants
- 9411 Fast Food Preparers
- 9412 Kitchen Helpers

### 95 Street and Related Sales and Services Workers

- 951 Street and Related Services Workers
- 9510 Street and Related Services Workers
- 952 Street Vendors :excluding Food;
- 9520 Street Vendors :excluding Food;

### 96 Refuse Workers and Other Elementary Workers

- 961 Refuse Workers
- 9611 Garbage and Recycling Collectors
- 9612 Refuse Sorters
- 9613 Sweepers and Related Labourers
- 962 Other Elementary Workers
- \* / ) # Q )
- 9622 Odd--ob Persons
- 9623 Meter Readers and Vending-machine Collectors
- 9624 Water and Firewood Collectors
- \* & . \$ + % & !'

**0 Armed Forces Occupations**

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> ..      ". ?  
> > ..    ". ?  
; = > <<      # < %  
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**03 Armed Forces Occupations, Other Ranks**

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> > ". ?    ' Y
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PART III

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**DEFINITIONS OF MAJOR GROUPS, SUB-MAJOR GROUPS,  
MINOR GROUPS AND UNIT GROUPS**





Ma~or Group 1  
**MANAGERS**

. B O B H F S T Q M B O E J S F D U D P P S A E J J U J F U F P B O F E O U F A S E D N S V T B F U T F U  
ments and other organizations, or of organizational units within them, and formulate and  
S F W J F X U I F J S Q P M J D J F T M B X T F S G P V S M F B T O B D E J C S F N H P V T M U B B D P D  
U J P O T J O U I J T N B K P S H S P V Q S F R J M S V F T M T F L W M M T B Y U D B Q F U G O F S U  
( S P V Q ) P T Q J U B M J U Z 3 F U B J M X I Q D I O T U J F S M F S B W U J D I F F U B D S B E H F  
T L J M M M F W F M B S F H F O F S B M M Z S F R V J S F E

5 B T L T Q F S G P S N F E C Z N B O B H F S T V T W B T M M H P O D U M V E Q P M P S Z I V M V B E  
M B X T B O E S F H V M B U J P O T P G F O U F S Q S B U B P O B H N W F S D U N T F O B T U B C E V  
P C K F D U J W F T B O E T U B O E B S E T B O N F G T P B Q N M O P W U J J O H F B O B E O E F V O S  
D F E V S F T G P S U I F J S J N Q M F N F O U B U B J O D Q S O D V E Y C S H T B B S I S P E C F S M B M  
B O E J N Q M F N F O U F E U P Q S P W J E F C V B B M U B S V N D B P O O U B S O P M m B D V U O B S  
S F T P V S D F T U P J N Q M F N F O U Q P M J D J F T W B M E V B C U S J O H S B O N F S I G T P S N I B O  
P G U I F P S H B O J [ B U J P O P S F O U F S Q Q S P W B O O H E U P I G F J T U F T M F D B J P O T  
F O T V S J O H D P N Q M J B O D F X J U I I F B M O H B B O E E T E B J S F F U D Z U S O R V E S F I M F Z O  
B U J P O T S F Q S F T F O U J O H B O E O F H P U J B O W O S I Q S O T E F R B M P G S H P E G O W I B U  
unit managed in meetings and other forums.

O D D V Q B U J P O T J O U I J T N B K P S H S P H O V B C S A N B K M P S T H S A F W D T J O U P U I F

- 11 Chief Executives, Senior Officials and Legislators**
- 12 Administrative and Commercial Managers**
- 13 Production and Specialized Services Managers**
- 14 Hospitality, Retail and Other Services Managers**

Notes

\* O E J T U J O H V J T I J O H C F U X F F O N B O E B H O B S H T F S D T M B B T O E J m F V E Q F J S O W J E F R B S S ( S R M V C T J  
J O P U I F S N B K P S H S P V Q T J U T I P V M E E T O F Q I O P W H E P U S I T B U N E C Z P W I M N B O O B H S I S B O B J Q F D  
J O B U F D P O U S P M B O E E J S F D U U I F N X P O S E L H E S O F V C X B F M M F Z S T I B W O S E E Q U P O P T O J C J I  
B O E N B L F E F D J T J P O T B C P V U U I F P W J S S F E D M M P O U F S G U B F K C J D J E O C F E T P Q S S B S H B O B M U  
V O J U G P S F Y B N Q M F B C P V U U I F L J T O E U T P Q F B O S I P E X D B F O E E R C B V N H U F Z U T P G I H P X P N  
N P O F Z J T U P C F T Q F O U B O E G P S B Q Q E P U O C U V S F O P U T F B T O E B D T E N U T I F B T M F M P I G  
4 V Q F S W J T P S T N B Z Q S P W J E F B E W J D F T F O N B B U T U F J S T U B O D Q F L D P J E N N B M E H F S T S P M B U  
T U B T F M F D U J P O B O E E J T N J T T B M E F O V O J E P O T O P U I B W F B V U I P S J U Z U P N  
\* U T I P V M E C F O P U F E U I B U J U J T O O B P H F S T O I F B D W F F T S B S T Z Q D D O E C U M P J O U Z U I C R S N B M  
T U S B U F H J D B O E P Q F S B U J P O B M E J S E F O E J J E P O T N Q V E B M U T 5 B I O E E F W H S F F F A V G F D B W J U P F  
U I F Z F Y F S D J T F N B Z B M T P W B S Z F S M F J D B S O J D S F M S E J T C F S O D O D C F M J F T P U C I B U Z T G P S U  
W J T J P O P G U I F B D U J W J U J F T P G P F U I F W F X S P S M I M S T S F T X Q P S O F T B J T C J N N B O L B Z H I G S P T S I W M F P  
of an organizational unit.

Sub-ma-or Group 11

**Chief Executives, Senior Officials and Legislators**

\$ I J F G F Y F D V U J W F T T F O J P S P B F B M F X B O I E F N O P H M J T D M J B U P S B T O  
 E J S F D U D P P S E J O B U F B O E F W B M S V O S J T U I T F P H P P V S B S M O V N B O W J W B O  
 organizations with the support of other managers. Competent performance in most occupa-  
 U J P O T J O U I J T T V C N B K P S H S P V O S T F L R J W J S I F M F W J F W M M T B U U I F G P  
 5 B T L T Q F S G P S N F E C Z X P S L F S T J V O E R U I J C S F V C E N O B H K P P S W H S P P V S O  
 U J D J Q B U J O H J O U I F Q S P D F F E J O E J T S P O U I M S T H J B T O V E B O P V M N J O R U E J F F T T C O  
 M B U J O H B O E B E W J T J O H P O U I F P O M F J O D U Z F S C V S E H T F F U T T H M P B A X F T S C  
 B O E P U I F S P S H B O J [ B U J P O T F T U B T C M H I F W J F O S H O P C O B D E J E Q V E F S T U O P S U  
 B H F O D J F T B O E P U I F S P S H B O J [ B U B W O M V B P S O N W M O B S P H O S H B N A N S F T B O  
 Q P M J D J F T B O E Q S P D F E V S F T G P S U P Q J S S J B J U N F Q M Z T H F I O N J T B L B J O P E O Q S F  
 D F E V S F T B S F E F W F M P Q F E B O E J N Q M S P N M F O L B A V E U I L P P S J Q S O W J N B U C F V S E J  
 I V N B O B O E m O B O D J B M S F T P V S D F T U F P T J N O O M F U N F S O J L O H O F B N O E D B W T B N  
 B U J O H Q F S G P S N B O D F P G U I F P S S H B O Q [ S E P U W J P O O H R U S F F T O F U M F S D Q U S J  
 T F O J P S T U B Q F S G P S N J O H D F S F N P O U B S M O S E V T U F J F T H B W E S S O F N O F S C U T  
 H B O J [ B U J P O P S D P N N V O J U Z B U P C H U B U M J B P U J P O T T J P O P O B V O F E O W O P N O T  
 public hearings.

O D D V O B U J P O T J O U I J T T V C N B K P S P X H J S O P H V O N J B O S P F S D H M S P T V T Q J T m F E J O U

- 111 Legislators and Senior Officials
- 112 Managing Directors and Chief Executives

Minor Group 111

**Legislators and Senior Officials**

- F H J T M B U P S T B O E T F O J P S P D J B M B T O E F E W J S S F N O J O B I F G P S O M M B E U O U B E  
 P G Q P M J D J F T P G O B U J P O B M T U B U D P S N A V O P J O B J M T P S B M O P E D B O T H O  
 J O U F S F T U P S H B O J [ B U J P O T 5 I F Z N O V L E M S I B U S J V G M F T B B O C E S P S I V S M  
 B O E Q M B O P S H B O J [ F E J S F D U W B W U S J B M T B R O G E H F A W B I M S V O B N U F F O U I E  
 ments and agencies, traditional communities and special-interest organizations.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M H V E J F O Q S F T O E S J P O C H F P E W J F O S H P S P O C E  
 M B U J W F C P E J F T B O E B E N J O J T U S B M J B W J F V O P V B D T J K A N T C R I G J F H T P W M S P O C  
 N V O J U J F T B O E T Q F D J B M J O U F S F T U O B S B I B N O J J Q B T U W S P O U J W T F F S W B S I E  
 P D J B M D P N N J U U F F T J O W F T U J H B J U D I O B H O N B O U S U P A N S P T U P O C H D I P I C F D J O O F U  
 P G D P O T U J U V F O U T G P S N V M B U J O H B O E H E F E U W J T M O B X T P B O H E P S V F F S V O  
 U J P O T F T U B C M J T I J O H P C K F D U H W F S T B O Q S P S V H J O O H J [ B B O J E J P F O M B E  
 Q S P H S B N N F T B O E Q P M J D J F T B O E Q S P S F I D P S N F N F G E S O U H I F J S S F W N O M J F O N  
 F W B M V B U J O H B O E B Q Q S P W J O H E P E V N F F O O T W T S J O C I S J B Q O S E P O E S J S B F U O F P  
 U F N T B O E Q S P D F E V S F T B S F E F W F M P E Q F F E B B O E D B O Q S P F M F O W F M E P O H  
 U I F V T F P G D P N N V O B M M B O E B O E P O U F B S M S E V B V Y S D F B T O E Q S S G S S N B O  
 U I F H P W F S O N F O U P S H B O J [ B U J P O P O E D P O N N W F O F J U W J Z O H T U P O I D H B M J  
 B U J P O T D P O W F O U J P O T B O E Q V C M J D I F B S J O H T

O D D V O B U J P O T J O U I J T N J O P S H S P H V O V O S U F H D S M P B V T O T T J m F E J O U P U I F

- 1111 Legislators
- 1112 Senior Government Officials
- 1113 Traditional Chiefs and Heads of Villages
- 1114 Senior Officials of Special-interest Organizations

Unit Group 111

Legislators

Legislators determine, formulate and direct policy and make, ratify, amend or repeal laws, public departments, boards, agencies or commissions in accordance with legislation and the policies of non-elected members of parliaments, councils and

MFHJTMBUJPO CZ HPWFSONFOU EFQBSU  
cies, represent their country abroad and act on its  
CFIBM G PS DBSSZ PVU- TJNJMBS U  
N-FOUBM PSHBOJ[BUJ POT 5IFZ QMBO  
SFBMBOBME FSW BNPVDBUF -HPWFPSVFSBM  
D J O B W F S O N M P D B M B S H F H O J D O B T M B O E O I  
and make, ratify, amend or repeal laws, public  
departments, boards, agencies or commissions in  
SVMFT BOE SFHVMBUJ POT accordance with legislation and the policies of  
non-elected members of parliaments, councils and

5BTLT JODMVEF o  
B QSFTJEJOH PWFS - PS  
DFFEJOHT PG MFHJTMBOCJWBFEVCPTEJOHT PBOEIBFONSFOBTSBUJPO  
USBUJWF DPVODJMT PG OBUDGETS Laws Tables Regulations, in particular  
MPDBM HPWFSONFOUT PS MFHJTMBUJPO WTF BTTFNCMJFT

5BTLT JODMVEF o  
B BEWJTJOH OBUJPOBM TUBUF SF  
B QSFTJEJOH PWFS - PS DBSNFJODUJTO B O E O M H F H J O T M J B I F P S T S P O  
DFFEJOHT PG MFHJTMBOCJWBFEVCPTEJOHT PBOEIBFONSFOBTSBUJPO  
USBUJWF DPVODJMT PG OBUDGETS Laws Tables Regulations, in particular  
MPDBM HPWFSONFOUT PS MFHJTMBUJPO WTF BTTFNCMJFT

(b) determining, formulating and directing policy and

D FTUBCMJTIJOH PCKFDUJWFT G P S  
J D J F T P G O B U J P O B M T - U B U parts of agencies in accordance with  
FSONFOUT HPWFSONFOU MFHJTMBUJPO BOE

(c) making, ratifying, amending or repealing laws, public rules and regulations within a programme and procedures for the implementation of

E GPSNVMBUJOH PS BQQSPW  
TUBUVUPSZ PS DPOTUJUUVUJNFDBMBSBQFXCSHPWFSONFOU QPMJJD  
E TFSWJOH PO HPWFSONFOUUBENJOSTDBBTJWVU EUBSOTXJUI HPW  
PS P DJBM DPNNJUUFFT F SFDPNNFOEJOH SFWJFXJOH F  
F JOWFTUJHBUJOH NBUUFST PGQDSPWJFSBUEPDUVNFOVCMJDCSJFGT  
and promoting the interests of the constituents submitted by middle managers and senior

(f) attending community functions and meetings

(f)- ensuring appropriate systems and procedures  
JOHT UP QSPWJEF TFSWJDBSBEUWFMPPONNEV BOLEZ JNQMFNFOU F  
VOEFSTUBOE QVCMJD PQOUEJHFOJBSOEDPOOSUPWMEF JO  
GPSNBUJPO PO HPWFSONFOU ONMBDEJJOBUJOH BDUJWJUJFT XJUI

(g) negotiating with other legislators and representatives to reconcile differing interests, and to create government departments and agencies in the inter-relationships of

FSONFOU NBOBHFS T BOE P DJBMT  
SFTFOUBUJWFT PG JOUIF SFBTLWOH SPSVFOFOU DUJPSDEFUSP UMFHJ  
reconcile differing interests, and to create  
HPWFSONFOU DPNNJUUFFT SFHBS E  
QPMJJDJFT BOE BHSFFNFOUTSPHSBNNFT PS CVEHFUT  
I BT NFNCFS T PG UIF HPWFSONFONFJFJCHSDFUJOUHFSQS FUBUJ P  
TFOJPS BENJOJTUSBUPST BOUEB P J D O B M G T H P W F S O N F O U Q P M J D J F T  
ment departments and agencies in the inter-  
CZ HPWFSONFOU EFQBSUNFOUT BOE  
QS FUBUJPO BOE JNQMFNF OUBUJPO PG HPWFSONFOU

Examples of the occupations classified here:  
City councillor  
(PWFSNFOU NJOJTUFS  
.BZPS  
.FNCFS PG QBSMJBNFOU  
1SFTJEFOU HPWFSONFOU  
Secretary of state  
Senator  
4UBUF HPWFSOPS

Examples of the occupations classified here:  
"NCBTTBEP S  
City administrator  
\$JWJM TFSWJDF DPNNJTJTJPOFS  
Consul-general  
%JSFDUPS HFOFSBM HPWFSONFOU  
%JSFDUPS HFOFSBM JOUFSHPWFS  
organization)  
Fire commissioner  
Inspector-general (police)  
1FSNBFOU IFBE HPWFSONFOU E  
Police chief constable  
Police commissioner  
4FDSFUBSZ HFOFSBM HPWFSONFOU  
administration)  
6OEFSTFDSFUBSZ HPWFSONFOU

Unit Group 1112

Senior Government Officials

4FOJPS HPWFSONFOU P DJJ  
PO QPMJDZ NBUUFST  
BOE JNQMFNF OUBUJPO PG

Note  
B M T G B E W J T F J H P W F S O N F O U T N F O U P X O F  
J O M F V S F E F J O U J F U J S O W O F S Q S F B U B H J B A C  
H P W F S O N F O U J W P T M J D J F T B O E

Unit Group 1113

Traditional Chiefs and Heads of Villages

5 S B E J U J P O B M D I J F G T B O E I F B B T L T P G J O V D J M W E F H O T Q F S G P S N  
 B W B S J F U Z P G M F H J T M B U J (a) determining and directing the bodies, D F S  
 emonial tasks and duties, determined by ancient S V M F T B O E S F H V M B U J P O T P G U I F P  
 U S B E J U J P O T B T X F M M B T (b) planning, directing and coordinating the BOE  
 S F T Q P O T J C J M J U J F T C F U X F F O H F W F M B M B H V O D D U F G C J B H O E P G U I F I F P S  
 local, regional and national authorities. D S F W J F X J O H U I F P Q F S B U J P O T  
 5 B T L T J O D M V E F o organization and reporting to boards of  
 (a) allocating the use of communal land and E J S F D U P S T B O E H P W F S O J O H C P E J F  
 other resources among households in the J [ B U J P O T N F N C F S T I J Q B O E G V O E  
 D P N N V O J U Z P S W J M M B H (d) negotiating on behalf of the organization,  
 (b) collecting and distributing surplus produc- J U T N F N C F S T B O E S F M F W B O U T O  
 U J P O P G U I F D P N N V O J U Z P S H W J M M B H F  
 (c) settling disputes between members of (e) promoting the interests of the organization,  
 D P N N V O J U Z P S W J M M B H F J U T N F N C F S T B O E S F M F W B O U T O  
 (d) disciplining members of the community or H S P V O T C F G P S F U I F M F H J T M B U V S F  
 W J M M B H F G P S W J P M B U J P O H P G O S S B M T O B O M J D D T U P N T  
 (e) performing ceremonial duties in connecti- planning, organizing and directing sections  
 X J U I C J S U I T N B S S J B H F T charged with implementing the organization's  
 P U I F S J N Q P S U B O U P D D B T J P O F M J D J F T Q S P H S B N N F T S V M F T B O  
 G S F Q S F T F O U J O H U I F D R G N S U C O N G L A Z P R A T E S Y S T E M S M A D H F O C U S  
 M P D B M P S S F H J P O B M D P V O B S M T E F W F M P Q F E B O E J N Q M F N F O U F  
 H J O G P S N J O H U I F D P N N V O C U Z E H F S U B S Z M D M P D H U S P M C P V U  
 H P W F S O N F O U S V M F T B O E I S F N H P V O M B I D S B O M B O E F W B M V B U J O H O

industry associations, humanitarian or charity organizations, or sports associations, and represent their organizations and act on their behalf.

(a) determining and directing the bodies, D F S emonial tasks and duties, determined by ancient S V M F T B O E S F H V M B U J P O T P G U I F P

(b) planning, directing and coordinating the BOE S F T Q P O T J C J M J U J F T C F U X F F O H F W F M B M B H V O D D U F G C J B H O E P G U I F I F P S

local, regional and national authorities. D S F W J F X J O H U I F P Q F S B U J P O T

organization and reporting to boards of

(a) allocating the use of communal land and E J S F D U P S T B O E H P W F S O J O H C P E J F other resources among households in the J [ B U J P O T N F N C F S T I J Q B O E G V O E

(d) negotiating on behalf of the organization, D P N N V O J U Z P S W J M M B H

(b) collecting and distributing surplus produc- J U T N F N C F S T B O E S F M F W B O U T O

U J P O P G U I F D P N N V O J U Z P S H W J M M B H F

(c) settling disputes between members of (e) promoting the interests of the organization, D P N N V O J U Z P S W J M M B H F J U T N F N C F S T B O E S F M F W B O U T O

(d) disciplining members of the community or H S P V O T C F G P S F U I F M F H J T M B U V S F

W J M M B H F G P S W J P M B U J P O H P G O S S B M T O B O M J D D T U P N T

(e) performing ceremonial duties in connecti- planning, organizing and directing sections X J U I C J S U I T N B S S J B H F T

charged with implementing the organization's P U I F S J N Q P S U B O U P D D B T J P O F M J D J F T Q S P H S B N N F T S V M F T B O

R G N S U C O N G L A Z P R A T E S Y S T E M S M A D H F O C U S

M P D B M P S S F H J P O B M D P V O B S M T E F W F M P Q F E B O E J N Q M F N F O U F

H J O G P S N J O H U I F D P N N V O C U Z E H F S U B S Z M D M P D H U S P M C P V U

H P W F S O N F O U S V M F T B O E I S F N H P V O M B I D S B O M B O E F W B M V B U J O H O

the organization or enterprise against estab- M J T I F E P C K F D U J W F T B O E Q P M J D J F

(i) representing the organization at o cial occa- J U T N F N C F S T B O E S F M F W B O U T O

sions and board meetings, in negotiations and B U D P O W F O U J P O T Q V C M J D I F B S J O

Examples of the occupations classied here:  
 Village chief  
 Village head

Unit Group 1114

Senior Officials of Special-interest Organizations

Senior o cials of special-interest organizations determine, formulate and direct the implementa- tion of policies of special-interest organizations, such as political-party organizations, trade unions, employers organizations, trade and

Examples of the occupations classied here:  
 Chairperson, trade union  
 % J S F D U P S H F O F S B M F N Q M P Z F S T  
 Leader, political party  
 President, political party  
 4 F D S F U B S Z H F O F S B M F O W J S P O N F  
 protection organization  
 Secretary-general, human rights organization

Minor Group 112

Managing Directors and Chief Executives

. B O B H J O H E J S F D U P S T B O E D I J F G F F O Y F N D J D J J F W F T B C E P S Q M M B O B U E F J  
 D P P S E J O B U F B O E F W B M V B U F U I F P S W P F S S H B M O M [ B D U J P O T J U J F Y D P C U F  
 J O U F S F T U P S H B O J [ B U J P O T B O E H P S U F S P C N F W I F S E N B O B S H U F N S F T  
 V T V B M M Z X J U I J O H V J E F M J O F T F T S I B C N H P T W F S O C J D H B C P P B Z S E U P G X I E  
 they are answerable for the operations undertaken and results.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M O V E U F J O O M U B I O O H J F O C H S B M S G D V O D O H J I  
 P G B O F O U F S Q S J T F P S P S H B O J [ B U S J P T O V M S J F T W B G X U O H F U O I F F B Q S S T  
 P S H B O J [ B U J P O B O E S F Q P S U J O H U H P C P B J S F E T T R E G U E J S S N F J D O W P O S H T F B C O K  
 U J W F T T U S B U F H J F T Q P M J D J F T S O P E S K B S O H [ S B B U N P T O T C P S P W J E J F O H U I  
 E J S F D U J P O B O E N B O B H F N F O U U P P S B H B J O H [ B C U J E P O F T U T F T W F C W S J P T M J N

FYQFOEJUUSF BOE FOTVSJOH UIF FJONHFNBUUSFJBRMG SFNBOSBOTH  
mOBODJBM SFTPVSDFTP UP JNQMFNFHOBNSHTBONPDUJPOSBHOHQBO  
FWBMVBUJOH QFSGPSNBODF PG UIF PSHBOMJBUJPOOPPSFBOUWWSO  
QPMJDJFT DPOTVMUJOH XJUI TFOJSPSDPWONPFSCEBBOUPOTTUBBBO  
QPSUT SFQSFTFOUJOH UIF PSHBOJ[BUJPOOPPSFBOUWWSO  
TFNJOBST QVCMJD IFBSJOHT BOEFGPISMNNDUJTPFOMPDUTDOJPSB  
FOTVSJOH UIF PSHBOJ[BUJPO DPNEQMFJHTMXBJWJIPSHMFWBOU MFHJ  
ODDVQBUJPOT JO UIJT NJOPS HSPVQOBSUFHDSBPVOTJmFE JOUP UIF

1120 Managing Directors and Chief Executives

Unit Group 1120

Managing Directors and Chief Executives

I DPOTVMUJOH XJUI TFOJPS TVCPSI  
SFWJFXJOH SFDPNFOEUBUJPOT BOE  
(i) representing the organization at official occa-  
sions and board meetings, negotiations  
.BOBHJOH EJSFDUPST BOE DIJFG EASONSAND BOARD MEETINGS, NEGOTIATIONS  
BOE SFWJFX UIF QPMJDJFT BOEBOBUOIMBOWFOJUSPDU- DPNPSCBST  
JOBUFF BOE FWBMVBUJ UIF PVOHSTBOME BGPLSJWJUTJFT PGFOUFS  
QSJTFT PS PSHBOJ[BUJPOT KFYDFMUDTUQDHPISBOOS\$WJUH UIF  
PSHBOJ[BUJPOT BOE HPWFSONTUB EFQBSUNFOUT XJUI  
the support of other managers, usually with ensuring the organization complies with  
guidelines established by a board of directors SFMFWBOU MFHJTMBUJPO BOE SF  
PSB HPWFSONJOH CPEZ UP XIPN UIFZ BSF BOTXFS  
able for the operations undertaken and results. Examples of the occupations classified here:  
5BTLT JODMVEF o \$IJFG FYFDVUJWF  
(a) planning, directing and coordinating the .BOBHJOH EJSFDUPS  
general functioning of an enterprise or or- Regional manager  
HBOJ[BUJPO  
C SFWJFXJOH UIF PQFSBUJPOT BOE SFTVMUT PG UIF  
enterprise or organization and reporting to  
CPBSET PG EJSFDUPST BOE HPWFSONJOH CPEJFT  
D EFUFSNJOJOH PCKFDUJWFT TUSBUHJFT OPMJDJFT  
and programmes for the enterprise or organ- Regional managers and other senior managers who  
J[BUJPO DPPSEJOBUFF BOE TVQFSWJTF UIF BDUJ  
E QSPWJEJOH PWFSBM-M MEFJUSFTJOSFODMVEEHE 6OJU (SPVQ  
NFOU UP UIF FOUFSQSJTFS PSHBOJ[BUJPO QYFDVUJWFT .BOBHFS  
(e) establishing and managing budgets, controlling specialized functions within a specific geographic area  
MJOH FYQFOEJUUSF BOEBSFTVDSMVEHEGISPNFUDJFVOU HSPVQ 'PS  
VTF PG SFTPVSDFTP TBMFT NBOBHFS BSF DMBTTJmFE JO 6OJU  
(f) authorizing material, human and financial BOE .BSLFUJOH .BOBHFS +PCT XIPTF QS  
resources to implement organizational pol- sibility is to participate as a member of the board of di-  
JDJFT BOE QSPHSBNNFT JODMVEFE JO 6OJU (SPVQ .BOBHJOH  
H NPOJUPSJOH BOE FWBMVBUJOH QFSGPSNBODF BGP SJWJUTJFT PG H  
the organization or enterprise against estab- to UFSQSJTFT BSF JODMVEFE JO 6OJU (SPV  
MJTIFE PCKFDUJWFT BOE %QPMJDJFTBOE \$IJFG & YFDVUJWFT

Sub-ma-or Group 12

**Administrative and Commercial Managers**

" E N J O J T U S B U J W F B O E D P N N F S D J B M D R O O S P H M S B O E M D B P O P S E S O H B W F J [ m O B O D J B M B E N J O J T U S B U J W F I V N B S D S F B T O E V S E D F A W F O M P N O N D F Z U Q N B V U J T J O H Q V C M J D S F M B U J P O T B O E D U T F B S V O F S T J T B F O T E B N O B E S I P F S U H J B O C H J [ B B D U J P G F O U F S Q S J T F T U I B U Q S P W J E B F O E T V P D S I H B O S [ V B W D P O T U P S P N J Q F I S Q F S G P S N B O D F J O N P T U P D D V Q B U T I P T Q J M J M O T U B I U T U I T F V G P I V B K P S T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J O W E I E T G P S C N M M I K B R S J O H S F B V O C E V B T E V N B J M U F S J O H Q P M J D Z B E W J D F B O E T U S B U J W F H J D H B O E D E m D B S O F D D J W B M D H Q N P B O E B O E B E N J O J T U S B U J W F Q S P D F E V S I M T V B W N Q M F T N U F S O B U J W F O H H J F T N F B O O J J D J F T Q S P W J E J O H B E W J D F U P P O E N O Q I P S P G N B I O B U H J F B S U T J W I E T J S G F P D Q S P E V D U T N B S L F U J O H Q V C M J D S F U M F S U N J J O O O H B O E E B E E J V F I S W T B M F T B D U J W J U J F T Q S P E V D U N J F Y U B O C E H D Q S W D F N F S B O E S O V S J D E F J U T U B E N F O U T F O T V S J O H D P N Q M J B O D F X O J T I B S O F E M F W B O E B M S F E H J T N B O J U P S T F M F D U J P O U S B J O J O H B O E Q F S G B O B B R O W F S P G F T O B I m O B O D B B M O B U J P O T D P O T V M U J O H X J U I U I F D G J P G I F S F E D F V Q U B J S W J F N B O E T X B S I T N F B O D P O U S P M M J O H F Y Q F O E J U V S F B O E F F O S V S Q S C F H F L O I U F J O H D J H O U F O U F P S P S H B O J [ B U J P O J O O F H P U J B U Q P O M J D B O F E B S B J W H D T P O W E F O G P S P V O N O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P V T Q J T m F E J O U

- 121 Business Services and Administration Managers**
- 122 Sales, Marketing and Development Managers**

Note

4 Q F D J B M J [ F E R V B M J m D B U J P O T B O P E O F Y R J S O N T P J S A F F P F D Y D V F O S B I B O P O T S D M B W T B J O N U F . B K P S ( S P V Q 1 S P G F T T J P O B M T P S " . T B T K P P D S J E S P V Q S P G I S F T D J I O O B M B T O T B B S O E V T V S F R V J S F E 3 F H J P O B M N B O B H F S T B O E O P B U I F S B O E O T J P Q F I S W O I B F A I S I T F X B I P U D W P S I P G T V C P S E J O B U F N B O B H F S T X I P S I B T W O P O B T J E C J J V M F J S J T F T S B S O F H B O P D G M V G E V F O E D J U O ( S P V Q . B O B H J O H % J S F D U P S T B O E \$ I J F G & Y F D V U J W F T

Minor Group 121

**Business Services and Administration Managers**

# V T J O F T T T F S W J D F T B O E B E N J O J T U S B U J W F O D I N O B O S P H M S B O E M D B P O P S E U I F m O B O D J B M B E N J O J T U S B U J W F O H I V B N B J O W S J U T J F V S D G P S P R B O J D [ Z B P S P G F O U F S Q S J T F T U I B U Q S P W J E B O T E V I D S H T F O S W [ B D U J T P O U T P P U I F 5 B T L T Q F S G P S N F E V T V B M M Z J O D M V O E P F M J O P Z S B V M B D I B O B H O B O T E U S B E N B O E m O B O D J B M Q M B O O J O H F T U B O C M J B T E N O E J B O S B E L J J S W I D U O J S O P H D P E J N Q M F N F O U J O H N P O J U P S J O H B O E Q S F P W W B J M J V O B H U B O E W J D F S B R J F T H N B O B H F S T B O E C P B S E N F N C F S T P O J n d O B O P D M B I M Z B O E S N J H O S J E T N I S B U B I O M F H J T M B U J W F J T T V F T F O T V S J O P I O D P S N F O H M I M B O U D J I P O X T J U B I O S F T M U F B A O B E D P O U S P M M J O H T F M F D U J P O U S B O B J O V H E H B F O J E T O - O S G P V S I N S B T O F D J F O O B O D J B M P Q F S B U J P O T D P O T V M U J N O B O B H F I S T U I P G D P J U F I G S F Y E I F Q V B S J V M I P S T F D U J P O T D P O U S P M M J O H F Y Q F F O P E G U S S F P V S D F F T O T S S Q S H T B O U I F P S H B O J [ B U J P O J O O F H P U J B U J P O O V T C M B J O E I B B S D O E W F B O U E J P C O P T S V O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P V B T O T T J m F E J O U P U I F

- 1211 Finance Managers**
- 1212 Human Resource Managers**
- 1213 Policy and Planning Managers**
- 1219 Business Services and Administration Managers Not Elsewhere Classified**

Unit Group 1211

**Finance Managers**

Finance managers plan, direct and coordinate the financial operations of an enterprise or organization, in consultation with senior managers and with managers of other departments or sections of the enterprise or organization.

TUSVDUVSFT BOE MFWFM BOE GPS D  
XPSLFST PO DPOEJUJ POT PG FNQMP  
E PWFSTFFJOH TBGFUZ IFBMUI B  
HSBNNFT BOE BDUJWJUJFT  
MJOH FYQFOEJUVSF BOE FOTVSJO  
VTF PG SFTPVSDFT  
UJ POT PS PG FOUFSQSJTFT (f) UJ POT PS PG FOUFSQSJTFT (f) UJ POT PS PG FOUFSQSJTFT (f)

- (a) planning, directing and coordinating the financial operations of an enterprise or organization
- (b) assessing the financial situation of the enterprise or organization, preparing budgets and financial statements
- (c) establishing and managing budgets, controlling financial operations and with senior management
- (e) establishing and directing operational and financial dealings with outside bodies.
- (h) representing the enterprise or organization in dealings with outside bodies.

- (a) ensuring compliance with standards and legislation relating to employees rights,
- (b) assessing the financial situation of the enterprise or organization, preparing budgets and financial statements
- (c) consulting with senior management and with senior management
- (k) representing the enterprise or organization in dealings with outside bodies.

Examples of the occupations classified here:

- Company secretary
- Finance manager

Unit Group 1213  
**Policy and Planning Managers**

Some related occupations classified elsewhere:

- 'JOBODJBM JOTUJUUVUJ
- 'JOBODJBM DPOUSPMMF
- .BOBHFNFOU BDDPVOUB

Policy and Planning Managers plan, organize, coordinate and direct the activities of an organization or department, in consultation with senior management and with managers of other departments or sections of the enterprise or organization.

Unit Group 1212

**Human Resource Managers**

Human resource managers plan, direct and coordinate policies concerning the personnel, industrial relations and occupational health and safety.

OJOH TFSWJDFT  
5BTLT JODMVEF o  
B EFWFMPQJOH JNQMFNFUJJOH  
DFTTFT TZTUFNT BOE QSPDFEVS  
HPBMT PCKFDUJWFT BOE XPSL TU  
EOUEISW\$MIFQPS HPSHEBJSJ[BUJOC BE  
SCPBASJUEJFD JIUBDOIS FJTOP VSPDMJJDZ SFTFB

- (a) planning, directing and coordinating the policies and practices of an enterprise or organization
- (b) planning and organizing procedures for recruitment, training, promotion, transfer and development
- (c) planning and organizing negotiations and procedures for determination of wages and conditions of employment

- (a) consulting with senior management and with senior management
- (b) consulting with senior management and with senior management
- (c) consulting with senior management and with senior management



(i) representing the enterprise or organization in public hearings and forums.

Examples of the occupations classified here:  
Corporate planning manager  
Policy manager  
Strategic planning manager

Unit Group 1219

**Business Services and Administration Managers  
Not Elsewhere Classified**

51JT VOJU HSPVQ DPWFST (g) Representing the enterprise or organization in administration managers not classified elsewhere  
JO . JO PS (SPVQ #VTJO QVCMJDS WFBIS O HB OEOEEGPSVNT  
NJOJTUSBUJPO . BOBHFS T (A) Establishing and managing budgets/ control-  
includes occupations such as facilities manager, MJOH FYQFOEJUVSF BOE FOTVSJO  
DMFBOJOH TFSWJDFT NBOBHFS FNQMPZFEQMBJOS OHT BUIF ENB ODUJOH EBJM  
TFSWJDFT NBOBHFS FNQMPZFEQMBJOS OHT BUIF ENB ODUJOH EBJM  
ager of a department of a large enterprise and of- PWFSTFFJOH UIF TFMFDUJPO U  
HBOJ[BUJPO PS PG BO FOUFSQJSTFT BOE PSHBOJ[BUJPO T  
TFSWJDFT UP PUIFS FOUFSQJSTFT BOE PSHBOJ[BUJPO T

\* O TVDI DBTFT UBTLT XPEXAMPLES OF OTHER OCCUPATIONS CLASSIFIED HERE:

B QSPWJEJOH BENJOJTUSBUJWFENJOUTSIBUJWFQIMBSOMJDAHT NBOB  
BOE PQFSBUJPOBM TVQQPSU \$MFBOSJDC HB OE SBVWJJDFT NBOBHFS  
to senior management on matters such as the \$PSQPSBUF TFSWJDFT NBOBHFS  
management of building facilities and ad- Facilities manager  
NJOJTUSBUJWF TFSWJDFT

Minor Group 122

**Sales, Marketing and Development Managers**

4BMFT NBSLFUJOH BOE EFWFMPQNF O W PNCBLOSEPHMF SBTO E MDPO S EPJSCHBUJ  
BEWFSUJTJOH QVCMJD SFMBUJPOFTT BSCFET FNBSSDLIF WJOCEH EBF DVUFJMWJ  
FOUFSQJSTFT BOE PSHBOJ[BUJPO VDI FT\$ SPVJ B O U F S R SPJUTIFFTS UFIOWF  
and organizations.

5BTLT QFSGPSNFE VTVBMMZ JODMFWNB D JGFTS B O M B U M B O H T B C O P E S J B N  
UJTJOH QVCMJD SFMBUJPO T QSPQMDJJO E B W O T M P N N B O W P O T B K M U I T  
NBOBHFS T EJSFDUJOH UIF EFWFMPQNF O PUS PTO JJFOUWJJB D J W F T T F E  
NBSLFUJOH QVCMJD SFMBUJPO T JBOCHE BBCEWE E \$S J D U O O H D B N M O B T J H E  
JUJFT QSPEVDU NJY DVTUPNF SH TNFFSUWPJEDTF BTOLEB OJETBUSSEJCVB O R  
QPMJDZ TFUUJOH QSJDFT BOE DES FNEBOBBS O B O B F N A O U T B I O T E U B C  
USPMMJOH FYQFOEJUVSF UP FOTVSF FLUJFOH DJJIFOF W F W T F D B G P S O T R  
BOE QFSGPSNBODF PG TUB SFQ SBRTJPOU B O H D P O F W F O U B B O S J T F  
FYIJCJUJPO T BOE PUIFS GPSVNT

ODDVQBUJPO T JO UIJT NJOPS HSPVQV O B S U F H \$ M P B / T O T T J m F E J O U P U I F

- 1221 Sales and Marketing Managers
- 1222 Advertising and Public Relations Managers
- 1223 Research and Development Managers

Unit Group 1221

**Sales and Marketing Managers**

Sales and marketing managers plan, direct and manage the sales and marketing activities of an enterprise or organization, or of enterprises and other enterprises and organizations.

- (a) planning and organizing special sales and marketing programmes based on sales research
- (b) determining price lists, discount and distribution policies
- (c) establishing and directing operational and administrative procedures

media and the general public about the plans,

BDDPNQMJTINFOUT BOE QPJOUT P  
FOUFSQSJTTF PS PSHBOJ[BUJPO  
MFBEJOH BOE NBOBHJOH UIF BDU  
E J T J B O S H F B U J O E H Q V C D M U J J D W S U F M F B U J P O T  
establishing and managing budgets and con-  
B O S P M M S O H U F J Y O H O E F U S W S F D E F O T E U F D T  
DJFOU VTF PG SFTPVSDFT  
(f) establishing and directing operational and  
BENJOJTUSBUJWF QSPDFEVSFT  
H Q M B O O J O H B O E E J S F D U J O H E B J  
DPSET BOE NBSLFU BTTFTTINF O W F S T F F J O H U I F T F M F D U J P O U S  
NBODF PG TUB  
M J W F S Z U F S N T T B M F T Q S P N P U J P O C V E H F U T T B M F T  
N F U I P E T T Q F D J B M J O D E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i f i e d h e r e :  
" E W F S U J T J O H N B O B H F S  
B E N J O J T U S B U J W F Q S P D F E V S F U P T B M F T  
B O E N B S L F U J O H B D U J W J U J F T  
E M F B E J O H B O E N B O B H J O H U I F B D U J W J U J F T P G T B M F T  
B O E N B S L F U J O H T U B  
F Q M B O O J O H B O E E J S F D U J O H M Z P Q F S B U J P O T

- (f) establishing and managing budgets and controlling costs
- (h) representing the enterprise or organization at conferences and other forums.

Unit Group 1222

**Research and Development Managers**

USPMMJOH FYQFOEJUVSF UP FOTVSF UIF F DJFOU  
VTF PG SFTPVSDFT 3FTFBSDI BOE EFWFMPQNFOU NBOBH  
H PWFSTFFJOH UIF TFMF B U J E P O D P U S S B E J O O H F B O E I F Q F S S F G T P S B S D I  
NBODF PG TUB BDUJWJUJFT PG BO FOUFSQSJTTF PS  
F O U F S Q S J T T F T U I B U Q S P W J E F S F M B U F E  
(h) representing the enterprise or organization at conferences and other forums.  
T B M F T B O E N B S L F U J O H D e n t e r p r i s e s a n d o r g a n i z a t i o n s B E F F Y I J  
5BTLT JODMVEF o

Examples of the occupations classified here:

.BSLFUJOH NBOBHFS  
Sales manager

(a) planning, directing and coordinating re-  
T F B S D I B O E E F W F M P Q N F O U B D U J  
PS DPNNTTJPOFE GSPN FYUFSO  
PSHBOJ[BUJPOT UP EFWFMPQ OFX  
technical processes, products, knowledge, or  
V U J M J [ B U J P O P G N B U F S J B M T  
C Q M B O O J O H U I F P W F S B M M S F  
ment programme of an enterprise or or-  
ganization, specifying goals and budgetary  
S F R V J S F N F O U T

Unit Group 1222

**Advertising and Public Relations Managers**

Advertising and public relations managers plan, direct and manage the advertising and public relations activities of enterprises and organizations or of enterprises and organizations.

- (a) planning, directing and coordinating the advertising and public relations programmes to inform legislators, the mass media and the general public about the plans,
- (c) planning and managing information programmes to inform legislators, the mass media and the general public about the plans,

S F M B U J B O J T O N B B O E F S B O C M B O H U I F B  
E J S F D U B O E D P P S E J O B U F U I T F F B S E D W F S O B T E I O W F M C P V C N M O D U S T U B  
M B U J P O T B O E Q V C M J D J O G ( P ) S e n t a b u s h i n g a n d B r a d a g W o l d b e r g e t s , c o n t r o l F O  
terprises and organizations or of enterprises that  
M J O H F Y Q F O E J U V S F B O E F O T V S J O  
Q S P W J E F S F M B U F E T F S W J D F T U T P F P P U G I F S F F P U S S O S J T T F T B O E  
organizations.  
(e) establishing and directing operational and  
B E N J O J T U S B U J W F Q S P D F E V S F T  
G Q M B O O J O H B O E E J S F D U J O H E B J  
W F S U J T J O H B O E Q V C M J D S H M P U W P S T F B D O H W U I F J F T F P G D B O P O U  
FOUFSQSJTTF PS PSHBOJ[BUJPO  
N B O D F P G T U B  
C O F H P U J B U J O H B E W F S U J J O H  
(f) representing the enterprise or organization at  
P S X J U I O F X T Q B Q F S T - S B E J P P B O W F U F J N P O W J T T J P N O J O B S T B O E D P O  
tions, sports and cultural organizations and  
B E W F S U J T J O H B H F O D J F T

Examples of the occupations classified here:

1SPEVDU EFWFMPQNFOU NBOBHFS  
Research manager

Sub-ma-or Group 13

**Production and Specialized Services Managers**

1 S P E V D U J P O B O E T Q F D J B M J [ F E F F S E W O B E U F N I B F O B S I F E S V D Q J N P B O  
U I F H P P E T B O E U I F Q S P W J T J P O P G U E D H O T J O B D M J B T M \$ W F E D O S P C S F F W J J  
an enterprise or organization, either as the manager of a department or as the general manager  
P G B O F O U F S Q S J T F P S P S H B O J [ B U P J O N B O B U H F E S P T F T - 5 0 P Z B B W F S F B T O  
sible for manufacturing, mining, construction, logistics and information and communications  
technology operations for large-scale agricultural, forestry and sheries operations, and for  
U I F Q S P W J T J P O P G I F B M U I F E V D T B / U S J B P O O D F T B O B B R M J I X F S M C S B S G F F T C B  
B O E U F D I O J D B M T F S W J D F T \$ P N Q F L O F T O U O Q E S G P S T N V C O D N B K J S N H P S F  
S F R V J S F T T L J M M T B U U I F G P V S U I \* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J O E F U I O T M B O O J N O B H K E S U H S J R  
B D U J W J U J F T J O U F S N T P G P V U Q W U U Z T F S W J D F T U Q N S P W J J E F E T B O E  
S F R V J S F N F O U T T F U U J O H T U B O E B S E C F B O B J P O K P O U Q W M B T O U D B O E S F  
D F E V S F T B T T V S J O H R V B M J U Z P G P W B E H P P E C S Q S B S V O H E U B O E F S F T  
D P O U S B D U C J E T F T U B C M J T I J O H B O E T N B B O B J B E I K O V E H D U H T B D I P O  
Q S P D F E V S F T B O E S F T P V S D F T U P J T J U O J P N O J B O E D P O T U B M P M B R U S T  
O F X Q M B O U B O E F R V J Q N F O U D P P S M J J O B B J O D H T B J G F U J Z N M R F W J S F W B U  
Q M B O O J O H B O E E J S F D U J O H E B P M Z U P S O B O B O H P E O T E P M S F G S P S N F E  
P G T U B Q S F Q B S J O H P S B S S B O H J C O V E H G F P U S T L B I O E Q C S F S B D S B T U U P C  
T F O U J O H U I F F O U F S Q S J T F P S P S H B O B I H B O D P J O T J O B O E H B U J B B O P O F T O  
seminars, public hearings and forums.

O D D V O B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V Q J T m F E J O U

- 131 Production Managers in Agriculture, Forestry and Fisheries**
- 132 Manufacturing, Mining, Construction and Distribution Managers**
- 133 Information and Communications Technology Services Managers**
- 134 Professional Services Managers**

Note

4 Q F D J B M J [ F E R V B M J m D B U J P O T B O P E O F Y R J S O N T P J S V F F P F D Y Q V F C S B B O P O F T S B M B W T B J O N F  
. B K P S ( S P V Q 1 S P G F T T J P O B M T P S " . T B T K P P D S J E O P V Q S P G F S F T D J I O O B M B T O T B S O E V T V  
S F R V J S F E 3 F H J P O B M N B O B H F S T B O E J O P B U I F S B O E O T P Q F S W O Q B F F S I T F X B I D U D W B S I  
P G T V C P S E J O B U F N B O B H F S T X I P S I B T W O P O B T J E C J J W M F J S J T F T S B S O F H B O P O G M V G E V F O E D J O O  
( S P V Q . B O B H J O H % J S F D U P S T B O E \$ I J F G & Y F D V U J W F T

Minor Group 131

**Production Managers in Agriculture, Forestry and Fisheries**

Production managers in agriculture, forestry and sheries plan, direct and coordinate produc-  
U J P O J O M B S H F T D B M F B H S J D V W W M U S V B S M B I O S U n d D I V F N Z V P S C B A S B U G P P S O F T U  
Q M B O U B U J P O T M B S H F S B O D I F T U P D H M M X D B O J E W F B S W S N W B O E Q D T P P  
B O E S B J T F M J W F T U P D L m T I B O E n T T H M B O m T R U B O S G P S D N E U D G B O R V B B S

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E M B O O O O H P Q S O E B V N D B S I P O U U B P D  
D P O U S B D U S F R V J S F N F O U T B O E N B J S Q L H U C V E E F H N F B O E N F O U J B P C S M I O R  
production output and costs, recording information such as farm and sheries management  
Q S B D U J D F T B O E Q S F Q B S J O H m O B S O D J O B M X B J O E O Q Z F S B T U J P P O B N S  
G P S U I F T B M F P G D S P O T D B U D I B O E T U W O Q I F S T D P R O S J S J B O E U F J O F A C  
P X O F S T G P S Q S P E V D U J P O P G Q S P E V D A M B O E D J N O B O B H F N U F Z O U F P G O O S P E  
B O E T F R V F O D F P G P Q F S B U J P O T Q V S D M B O T Q O H J F N T B D J E O F O S U Z J G E Z R V O J H  
D P O U S P M M J O H F O W J S P O N F O U B M W H B Y O J J Q T O H K F P C E F S B O B P O T B O B I  
N B J O U B J O J O H C V J M E J O H T X B U F S T I V R O J O M Z U T E T T U F F M F D B O R E O F R V S B  
and performance of workers and contractors.

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V B S U F H S P B / T O T T J m F E J O U P U I F

1311 Agricultural and Forestry Production Managers

1312 Aquaculture and Fisheries Production Managers

Unit Group 1311

Unit Group 1312

Agricultural and Forestry Production Managers

Aquaculture and Fisheries Production Managers

" H S J D V M U V S B M B O E G P S F T U R S V Z B Q V S M E V D S E J J P O E N R B D I F S J F S T Q S P E V D
plan, direct and coordinate production in large-scale agricultural, horticultural and forestry operations such as plantations, large ranches, D P M M F D U J W F G B S N T B O T E I F M H S J D I V M S U P S B F S Q P S P N O T F B G U B J R W E
UP H S P X B O E I B S W F T U D C R O P S O F F O R B E C A S E I N T S F R E S H W A T E R O F S A L T W A T E R F
M J W F T U P D L 5 B T L T J O D M V E F o

(a) monitoring agricultural and forestry market B D U J W J U Z B O E Q M B O O J B O D H U J O V S J R J E F D U U J P P O F B U D I N F C F W S B D U
D P O U S B D U S F R V J S F N F O U T B O B E S L N F B J S E F N B E O F E N B O E

(b) establishing and managing budgets, monitoring production output and costs, recording information such as farm management practices, and preparing financial and operational SF Q P S U T
B U J P O B M S F Q P S U T

(c) conferring with buyers to arrange for the sale P G D S P Q T B O E M J W F T U P D L P G Q S P E V D F B O E D B U D I F T

(d) contracting with farmers or independent farm operations (e.g. determining the best U J N F T G P S Q M B O U J O H T Q S N B Z J J O S H Z B T O L E P I D B L S W F Y B U N J J O H B U J P O T J C
G B O B M Z T J O H T P J M U P E F U S S Q Z O E J U Z E F F T B O I S R O V B S O B U T J J U F T
U J F T P G G F S U J M J [ F S - S F R V J S E F F E W G P S O M B B D N E V N D P O P S S P E J O B U J C
E V D U J P O Q S P W F m T I I B U D I J O H B O E H S P X U I

H Q V S D I B T J O H N B D I J - O F S Z S F A R F V O L U M E F O F L B T F O E O T I V B O D I F S J F T
D I F N J D B M T Q S P W F D P O E J U J P O T G P S B R V B U J D

(h) identifying and controlling agricultural animals, spawning, rearing, applying knowledge of management BOE m T I D V M U V S J O H U F D I O J R V F T

(i) organizing farming operations such as maintaining buildings, water supply systems and FR V J Q N F O U
P G C S P P E T U P D L

(j) directing and monitoring the transfer of planting, irrigation, chemical application, mature fish to lakes, ponds, streams or com- I B S W F T U J O H B O E H S B E J O H N F S D J B M U B O L T

(k) inspecting plantations and fields to determine maturity dates of crops, or to estimate Q M J F T T V D I B T W F T T F M T B O E O F U T
Q P U F O U J B M D S P Q E B N B H (f) Organizing operations such as maintenance M P W F S T F F J O H U I F T F M F D U J P O U S E N P W F S T F F J O H U I F T F M F D U J P O U S E
and contractors. N B O D F P G B R V B D V M U V S F P S m T I F S

Examples of the occupations classified here:
Forestry manager
Plantation manager
Ranch manager

Examples of the occupations classified here:
" R V B D V M U V S F Q S P E V D U J P O N B O B H
Fishing operations manager

Shore captain ( shing) ' J T I I B U D I F S Z N B O B H F S o  
 5 S B X M F S N B O B H F S O Z T U F S G B S N F S o  
 4 F B G P P E G B S N F S o  
 Some related occupations classi ed elsewhere: ' J T I J O H W F T T F M T L J Q Q F S D P B T U B M  
 ' J T I G B S N F S o ' J T I J O H N B T U F S E F F Q T F B o

Minor Group 132

**Manufacturing, Mining, Construction and Distribution Managers**

. B O V G B D U V S J O H N J O J O H D P O T U S V M B O P O P B O B O E J J T F U S D O E V W P P O S  
 J O B U F U I F N B O V G B D U V S J O H N J O F M S B M T E P S S B I D U B O O U S B O T Q S S D  
 operations, either as the manager of a department or as the general manager of an enterprise  
 P S P S H B O J [ B U J P O U I B U E P F T O P U I B W F B I J F S B S D I Z P G N B  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M V O E F U F Q M T B O O J O V H U E F W B R M E M P J O  
 R V B O U J U Z D P T U U J N F M J O F T T B O E U I M B E O V S B S F R P V O S P N G F Q U M T B O  
 R V B M J U Z Q S P D F E V S F T U I S P V H I Q M B P O G O P Q H S B G J O B I J O P U V S O T B O D I  
 T V Q Q M Z P G F R V J Q N F O U Q S F Q B S J O M H J I F J O H F S T O B O N E B O B O U O B I D O V E H  
 monitoring production output and costs, and adjusting processes and resources to minimize  
 D P T U T P W F S T F F J O H U I F B D R V J T J B O E O F B O E Q J N O T Q U B M I M B O U B O M P M G  
 Q S F Q B S B U J P O P G Q S P E V D U J P O S F D P N G M F B N C F E O U S F W J P S O U T P G D I P B S  
 B O E T B G F U Z S F R V J S F N F O U T Q M T B O P W I O S H F F O O H E U S F F D T U M O F H U  
 U S B J O J O H B O E Q F S G P S N B O D F P G T U B

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V O B S U F H S M P V T O T T J m F E J O U P U I F

- 1321 Manufacturing Managers**
- 1322 Mining Managers**
- 1323 Construction Managers**
- 1324 Supply, Distribution and Related Managers**

Unit Group 1321

**Manufacturing Managers**

G P W F S T F F J O H U I F B D R V J T J U J P O B  
 O F X Q M B O U B O E F R V J Q N F O U  
 (g) controlling the preparation of production re-  
 . B O V G B D U V S J O H N B O B H F S T O M P E T B O S F S F U Q B S O U E T D P  
 P S E J O B U F B D U J W J U J F T D H P C O O R D I N A T I N G T H E I M P L E M E N T A T I O N O F O C C U P A T I O N S  
 tion of goods, the production and distribution U J P O B M I F B M U I B O E T B G F U Z S F R V J  
 of electricity, gas and water, and the collection, identifying business opportunities and deter-  
 U S F B U N F O U B O E E J T Q P T B M N P J O J O B I T O S P E V D E Z W B Z C F N B O V G B D U  
 manage the production departments of large (g)-researching and implementing regulatory  
 terprises or be the managers of small manufac- B O E T U B U V U P S Z S F R V J S F N F O U T B F  
 turing companies. G B D U V S J O H P Q F S B U J P O T B O E U I F  
 5 B T L T J O D M V E F o L P W F S T F F J O H U I F Q S P W J T J P O P G  
 (a) determining, implementing and monitoring the manufacture of specialized goods and  
 Q S P E V D U J P O T U S B U F H J F T E S T A B L I S H I N G E N T R A C T S W I T H M A N U F A C T U R E R S  
 C Q M B O O J O H E F U B J M T P G T V S P E W J F U S J P O B D U J W J U J F T J O  
 U F S N T P G P V U Q V U R V B M J U Z B O E F S V B O J O H Z U I D P T T F M F D U J P O U  
 U J N F B W B J M B C M F B O E M B C P O S F S F R V J S F N F O U T  
 (c) controlling the operation of production plant  
 B O E R V B M J U Z Q S P D F E V S E x a m p l e s o f t h e o c c u p a t i o n s c l a s s e d h e r e :  
 maintenance, designation of operating hours . B O V G B D U V S F S  
 B O E T V Q Q M Z P G Q B S U T B O E U B P O M G T B D U V S J O H N B O B H F S  
 (d) establishing and managing budgets, moni- Production and operations manager  
 toring production output and costs, and ad- (manufacturing)  
 justing processes and resources to minimize  
 D P T U T Some related occupations classi ed elsewhere:  
 (e) consulting with and informing other man- 1 S P E V D U J P O T V Q F S W J T P S N B O V G  
 B H F S T B C P V U Q S P E V D U J P O N B U U F S T

Unit Group 1322

Mining Managers

. J O J O H N B O B H F S T Q M B O E J C S O F S T R U C T U R E M A N A G E R S E P L A N D I R E C T A N D C O - Q S P E V D U J P O B D U J W J U J F T P G S N J O J O U H F R V B S S Z P J O T H U S O V E D U J P O P P J M B O E H B T F Y U S B D U J P O P R O J E C T S , B I L D I N G S A N D D W E L L I N G S F E S T H E S A S T H E manager of a department or as the general manager of a department or as the general manager of an enterprise or organization that does  
 O P U I B W F B I J F S B S D I Z P G N B O B H F S T  
 5 B T L T J O D M V E F o  
 (a) conferring with other managers to set (a) interpreting architectural drawings and spec- E V D U J P O R V P U B T Q M B O F J U S B B U D U J P O T O T J U F T B O E E F W F M P Q Q P M J D J F T - G P (S) c o o r d i n a t i n g n a r r o w r e s o u r c e s a n d p r o c u r i n g U F S J B M T N F O U B O E E F M J W F S Z P G N B U F C F W B M V B U J O H F D J F O D Z P R V O S R E O D U J P O T J U F T U P E F U F S N J O F B E F R V B D Z P G (C) F r e e t i d i n g w i t h b u i l d i n g o w n e r s , p r o p e r t y and technologies used, and make changes E F W F M P Q F S T B O E T V C D P O U S B D U P X P S L T D I F E V M F T P S F r e e c o n s t r u c t i o n p r o c e s s o f e n s u r e p r o j e c t s D F T T B S Z B S F D P N Q M F U F E P O U J N F B O E X J U I D Q M B O O J O H E F U B J M T P G E Q S B E Q B S J O E B I D O E M S J T U B F O T E J D O P O U S U F S N T P G P V U Q V U R V B M (E) U p e r a c t i n g a n d i m p l e m e n t i n g c o n t r a d e d U J N F B W B J M B C M F B O E M B X P S V L S O S S P R H S J S N F N F F T O G P S T J U F T E D P O U S P M M J O H U I F P Q F S (F) U n d e r t a k i n g a n d e n a c t i n g b u i l d i n g r e g u l a t o r y Z procedures through planning of main- B O E T U B O E B S E T P G Q F S G P S N B O D F tenance, designation of operating hours and B O E T B G F U Z T V Q Q M Z P G F R V J Q N F O U (g) arranging submission of plans to local au- U I P S J U J F T (e) establishing and managing budgets, moni- U I P S J U J F T toring production output and costs, and (a) building under contract, or subcontracting justing processes and resources to minimize T Q F D J B M J [ F E C V J M E J O H T F S W J D F T D P T U T J B S S B O H J O H C V J M E J O H J O T Q F D U G P W F S T F F J O H U I F B D R V J T B W J P O S B O E F J O T U B M M B U J P O P G O F X Q M B O U B O E F R V J Q N F (D) E s t a b l i s h i n g a n d m a n a g i n g b u d g e t s , c o n t r o l - M J O H F Y Q F O E J U V S F B O E F O T V S J O (g) controlling the preparation of production re- D P S E T B O E S F Q P S U T V T F P G S F T P V S D F T (h) coordinating the implementation of health L P W F S T F F J O H U I F T F M F D U J P O U S B O E T B G F U Z S F R V J S F N F O U T N B O D F P G T U B B O E T V C D P O U S B D (i) researching and implementing regulatory B O E T U B U V U P S Z S F R V J S F E x a m p l e s o f t h e o c c u p a t i o n s c l a s s e d h e r e : F Y U S B D U J P O P Q F S B U J P O T B O S E J W J M F F O M J S D F O S J O H Q S P K F D U N B K P W F S T F F J O H U I F T F M F D U C o n s t r u c t i o n p r o j e c t m a n a g e r E Q F S G P S N B O D F P G T U B P r o j e c t b u i l d e r

Unit Group 1323

Construction Managers

. J O J O H N B O B H F S T Q M B O E J C S O F S T R U C T U R E M A N A G E R S E P L A N D I R E C T A N D C O - Q S P E V D U J P O B D U J W J U J F T P G S N J O J O U H F R V B S S Z P J O T H U S O V E D U J P O P P J M B O E H B T F Y U S B D U J P O P R O J E C T S , B I L D I N G S A N D D W E L L I N G S F E S T H E S A S T H E manager of a department or as the general manager of a department or as the general manager of an enterprise or organization that does  
 O P U I B W F B I J F S B S D I Z P G N B O B H F S T  
 5 B T L T J O D M V E F o  
 (a) interpreting architectural drawings and spec- E V D U J P O R V P U B T Q M B O F J U S B B U D U J P O T O T J U F T B O E E F W F M P Q Q P M J D J F T - G P (S) c o o r d i n a t i n g n a r r o w r e s o u r c e s a n d p r o c u r i n g U F S J B M T N F O U B O E E F M J W F S Z P G N B U F C F W B M V B U J O H F D J F O D Z P R V O S R E O D U J P O T J U F T U P E F U F S N J O F B E F R V B D Z P G (C) F r e e t i d i n g w i t h b u i l d i n g o w n e r s , p r o p e r t y and technologies used, and make changes E F W F M P Q F S T B O E T V C D P O U S B D U P X P S L T D I F E V M F T P S F r e e c o n s t r u c t i o n p r o c e s s o f e n s u r e p r o j e c t s D F T T B S Z B S F D P N Q M F U F E P O U J N F B O E X J U I D Q M B O O J O H E F U B J M T P G E Q S B E Q B S J O E B I D O E M S J T U B F O T E J D O P O U S U F S N T P G P V U Q V U R V B M (E) U p e r a c t i n g a n d i m p l e m e n t i n g c o n t r a d e d U J N F B W B J M B C M F B O E M B X P S V L S O S S P R H S J S N F N F F T O G P S T J U F T E D P O U S P M M J O H U I F P Q F S (F) U n d e r t a k i n g a n d e n a c t i n g b u i l d i n g r e g u l a t o r y Z procedures through planning of main- B O E T U B O E B S E T P G Q F S G P S N B O D F tenance, designation of operating hours and B O E T B G F U Z T V Q Q M Z P G F R V J Q N F O U (g) arranging submission of plans to local au- U I P S J U J F T (e) establishing and managing budgets, moni- U I P S J U J F T toring production output and costs, and (a) building under contract, or subcontracting justing processes and resources to minimize T Q F D J B M J [ F E C V J M E J O H T F S W J D F T D P T U T J B S S B O H J O H C V J M E J O H J O T Q F D U G P W F S T F F J O H U I F B D R V J T B W J P O S B O E F J O T U B M M B U J P O P G O F X Q M B O U B O E F R V J Q N F (D) E s t a b l i s h i n g a n d m a n a g i n g b u d g e t s , c o n t r o l - M J O H F Y Q F O E J U V S F B O E F O T V S J O (g) controlling the preparation of production re- D P S E T B O E S F Q P S U T V T F P G S F T P V S D F T (h) coordinating the implementation of health L P W F S T F F J O H U I F T F M F D U J P O U S B O E T B G F U Z S F R V J S F N F O U T N B O D F P G T U B B O E T V C D P O U S B D (i) researching and implementing regulatory B O E T U B U V U P S Z S F R V J S F E x a m p l e s o f t h e o c c u p a t i o n s c l a s s e d h e r e : F Y U S B D U J P O P Q F S B U J P O T B O S E J W J M F F O M J S D F O S J O H Q S P K F D U N B K P W F S T F F J O H U I F T F M F D U C o n s t r u c t i o n p r o j e c t m a n a g e r E Q F S G P S N B O D F P G T U B P r o j e c t b u i l d e r

Examples of the occupations classi ed here:  
 . J O F N B O B H F S  
 Production manager (mine)  
 Production manager (oil and gas  
 F Y U S B D U J P O  
 1 S P E V D U J P O N B O B H F S  
 Quarry manager

Some related occupations classi ed elsewhere:  
 # V J M E J O H D P O T U S V D U J P O T V Q F S  
 ) P V T F C V J M E F S o

Unit Group 1324

Supply, Distribution and Related Managers

Some related occupations classi ed elsewhere:  
 . J O F E F Q V U Z o  
 . J O F T V Q F S W J T P S o  
 . J O F V O E F S N B O B H F S  
 2 V B S S Z T V Q F S W J T P S o

Supply, distribution and related managers plan, direct and coordinate passenger transportation systems and facilities and the supply, transportation, storage and distribution of goods, either as the manager of a department or as the general manager of an enterprise or organization that  
 E P F T O P U I B W F B I J F S B S D I Z P G N B O B H F S

- 5 B T L T J O D M V E F o (j) establishing and directing operational and
- (a) determining, implementing and monitoring purchasing, storage and distribution strategies BENJOJTUSBUJWF QSPDFEVSF T F H J F T Q P M J D J F T B O E Q M B O T P W F S T F F J O H U I F T F - M F D U J P O U
- (b) preparing and implementing plans to maintain N B O D F P G T U B U B J O S F R V J S F E T U P D L M F W F M T B U N J O J N V N D P T U
- (c) negotiating contracts with suppliers to fix examples of the occupations classified here:
  - R V B M J U Z D P T U B O E E F M J W B S Z S T F R M a n a g e r F O U T
  - E N P O J U P S J O H B O E S F W J F X J J O g i s t i c s m a n a g e r B O E J O W F O
  - U P S Z T Z T U F N T U P N F F U T V P u r c h a s i n g m a n a g e r S F N F O U T
  - B O E D P O U S P M T U P D L M F W F M R a i l w a y s t a t i o n m a n a g e r
  - F P W F S T F F J O H U I F E J T Q B U R a i l w a y s t a t i o n m a n a g e r W F I J D M F T
  - U S B J O T W F T T F M T P S B J S D S S u p p l y a n d d i s t r i b u t i o n m a n a g e r
- (f) operating recording systems to track all Supply chain manager N P W F N F O U T P G H P P E T B O E S B O T O P S O H D S F O B O Z N B O B H F S E F S J O H B O E S F T U P D L J O H U r b a n t r a n s i t s y s t e m m a n a g e r
- (g) liaising with other departments and customers Warehouse manager D P O D F S O J O H S F R V J S F N F O U T G P S P V X B S E H P P E T B O E B T T P D J B U F E G P S X B S E N o t e U S B O T O P S U B U J P O I P W F S T F F J O H U I F S F D P S E J O H C G Y F P S V D B W F T F O P S B H F S B J S Q P S U T B O E E J T U S J C V U J P O U S B O T O P S U B U J P O u r b a n t r a n s i t s y s t e m s a n d o t h e r t r a n s p o r t a t i o n c o r p o r a t i o n s
- (i) establishing and managing budgets, controlling M J O H F Y Q F O E J U V S F B O E U J W F T V S J O H U I F F D J F O U V T F P G S F T P V S D F T

Minor Group 133

**Information and Communications Technology Services Managers**

\* O G P S N B U J P O B O E D P N N V O J D B U J P O T O U F E D J I S O F F D N I P B I O E T D S P W S D F O B N I U I F B D R V J T J U J P O E F W F M P Q N F O U O N E B J U O F U M F O E B O N D N F V B O D E B V U T P O P G Z

tems, either as the manager of a department or as the general manager of an enterprise or P S H B O J [ B U J P O U I B U E P F T O P U I B W F B I J F S B S D I Z P G N B O B H F S T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F O F U D V P O T E P M S U T J O B O E X J U F I D V O F D U P B T T F T T D P N Q V U J O H O F F E T B O E O T H Z T W U F F D N I O S P F N R V H S F N I P O N U T F U B O I E P O F F E T G P S N V M B U J O H B O E E J S F D U J U O F H D J O O P G M P S I N Z U J S O B T L E S B O N I N J Q P M J D J F T B O E Q M B O T E J S F D U J O H \$ 5 U S I F T P F V I S I D E T U J B P O O E B U O E O S P W B I N V T F S U S B J O J O H E J S F D U J O H \* \$ 5 B R C M F J S T B W O P O C S J B O B U M I Z T J O H F X P T U B O E B S E T B O E T F U U J O H E F B E M J O T F Z T U F V M F T S T B F T J O H I C U J I O H T F I S V S W I

managing and leading the work of systems analysts, programmers and other computer-related X P S L F S T F W B M V B U J O H U I F P S H B O J B I O E J S O D T P N U F E D O E B M I R H Z N O S P V N F O U T T V D I B T I B S E X B S F B O E T P G N X B S F H J O C H S E V E I H T F U F T U D B P O O M J S T P I M F Y Q F O E J U V S F B O E F O T V S J O H U I F I F J O H I F O O E V E F J S P F G D I S F O P I V S O F F T S B B O E B E N J O J T U S B U J W F Q S P D F E V S I O T H P O V E F O T F F S G I R O S H B O I D F T F P N G F D W B I P O S F T F O U J O H U I F F O U F S Q S J T F P S P J S P H O B T O J T F I N J J P O C S B T U B O E S B P M B E S E

ODDVQBUIJPOT JO UIJT NJOPS HSPHVQV BLSF HD\$PBTOTJmFE JOUP UIF

**1330 Information and Communications Technology Services Managers**

Unit Group 1330  
**Information and Communications Technology Services Managers**

use of computer and telecommunication systems, either as the manager of a department or as the general manager of an enterprise or organization  
 UIBU EPFT OPU IBWF B IJFSBSDIZ P

Information and communications technology 5 B T L T J O D M V E F o T F S W J D F T N B O B H F S T Q M B O D R E O T V F M W J O B O X J D I P R \$ E S T O B N F O B H U I F B D R V J T J U J P O E F W F M P Q m i n f o t e c h n i c i a n s c o u r s e s c o m p u t e r n e e d s

- (b) establishing and directing operations and coordinating and formulating and directing information and K P W F S T F F J O H U I F T F M F D U J P O U D P N N V O J D B U J P O U F D I O P M P H Z O D \$ 5 P G T U S J B U F H J F T Q P M J D J F T B O E Q M B O T (k) representing the enterprise or organization at D E J S F D U J O H U I F T F M F D U J P O S B O S E F M O T U F E M D M P O U P O U B O T \$ 5 T F N J S F T P V S D F T B O E U I F Q S P W J T e r m C e s . P G V T F S U S B J O J O H E E J S F D U J O H \* \$ 5 P Q F S B U J P O T B O B M Z T J O H X P S L G M P X F T U B C M J T I J O H E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i f i e d h e r e T U B O E B S E T B O E T F U U J O H E F B O M M O D B U J P O E F W F M P Q N F O U N B O F F P W F S T F F J O H U I F T F D V S J U C h i e f i n f o r m a t i o n z t e r F N T G B T T J H O J O H S F W J F X J O H N B O B H F S B O B H F S B O I P M T B N B O B H F S the work of systems analysts, programmers % B U B Q S P D F T T J O H N B O B H F S B O E P U I F S D P N Q V U F S S F M B U F \$ 5 X E S W F S M P Q N F O U N B O B H F S H F W B M V B U J O H U I F P S H B O J I n f o r m a t i o n s y s t e m s d i r e c t o r P H Z V T F B O E O F F E T B O E S F D P N N F O E J I n f o r m a t i o n s e r v i c e s F r o n t a t t e r T V D I B T I B S E X B S F B O E T P G U \* X 5 B N B O B H F S B E F T
- (h) establishing and managing budgets, control- \* O U F S O F U T F S W J D F Q S P W J E F S M J O H F Y Q F O E J U V S F B O E F O T W o r k m a n a g e r I F F D J F O U V T F P G S F T P V S D F T

Minor Group 134  
**Professional Services Managers**

1 S P G F T T J P O B M T F S W J D F T N B O B H F S S T P W M T B I O O E P J S F D I U M B E O I D E D S P F P S E X F M G B S F F E V D B U J P O B O E P U I F S I F Q S B B O D T F J T P E M J O T F U S J W V D J Q S P W J E J O H m O B O D J B M B O E J O T V S B O D F T F S W J D F T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E P S G I P S A N V Q M S B P U W O H J O D M B O W J D F T B O E P Q F S B U J P O P G F T U B K E M U J W N F F T O U E F W T F F M P Q O O H T E Q M F N F O U J O H Q S P H S B N N F T B O E T F S E W S I D D U J W P H N B I O E U D U I P F S E J F O F E U U I F B M M P D B U J P O P G S F T P V S D F E J O M H E J P T E J J O F H X U W H Q B N I N O D T U Z C S F T F O U B U J W F T B O E S F M B U F E B H P O D B I O T E W P P E S I E D O V B U J B S F B N P O G U D P B O E D P O U S P M M J O H F Y Q F O E J U V S F O U P B V O F E S T O F F S J O P H S N J B I O D F F P M G D T U Q S F Q B S J O H P S B S S B O H J O H G P T S B U O I E Q P S S F O D B S B U J P S O F Q S G T F S U I F P S H B O J [ B U J P O J O O F H P U J B U J O W F O X U J J U I O P U I F S N B I O B S D J F O V

hearing and forums.

- ODDVQBUJPOT JO UIJT NJOPS HSPHVQV BLSUF HD\$PBTQTTJ mFE JOUP UIF
- 1341 Child Care Services Managers**
- 1342 Health Services Managers**
- 1343 Aged Care Services Managers**
- 1344 Social Welfare Managers**
- 1345 Education Managers**
- 1346 Financial and Insurance Services Branch Managers**
- 1349 Professional Services Managers Not Elsewhere Classified**

Note  
 1 S P G F T T J P O B M T F S W J D F T N B O B H F S F D I U M B E O I D E D S P F P S E X F M G B S F F E V D B U J P O B O E P U I F S I F Q S B B O D T F J T P E M J O T F U S J W V D J Q S P W J E J O H m O B O D J B M B O E J O T V S B O D F T F S W J D F T



Unit Group 1341

Child Care Services Managers

F E F W F M P Q J O H J N Q M F N F O U J O H

procedures, policies and performance standards for medical, nursing, technical and ad-

\$ I J M E D B S F T F S W J D F T N B O B M H F S J T Q S M B B O W F E J T S J B D U D P
P S E J O B U F B O E F W B M V B U F U G F Q S P W J T U J P S J P G H D U B I S F F V P S P G E J
D I J M E S F O J O C F G P S F T D I P P M J O B O B W J S O T U D I E P E M T V G B D B W J J P O J F T B O
B O E E B Z D B S F D F O U S F T B O E F T F S U W J D F F V T F P G S F T P V S D F T B O E
5 B T L T J O D M V E F o G P S B E E J U J P O B M T U B F R V J Q N F O
B E F W F M P Q J O H B O E J N Q M F H F O U P J O U H S P S I M H J S O B H N B F E T N U O J T U S B U J W F
enhance the physical, social, emotional and as budget planning, report preparation, and
J O U F M M F D U V B M E F W F M P Q N F V O O F P G J Z P W S O F H P D C J M V E S O M J F T F R V

- (b) establishing and monitoring budgets and de- W J D F T
U F S N J O J O H B M M P D B U J P O P G M G M O J E T J O G P S X J T U I B P U I T V S Q I F B M U I B O
Q M J F T N B U F S J B M T F R V J Q N F S O P U W B D E S N B J O P U F S O E B T O B O E G V O E J O H
D P W F S T F F J O H B O E D P P S S E J O B U B O U H F U Q S P W S T P J V P O T P B O T F S
of care for children in before-school, after- J B E W J T J O H H P W F S O N F O U C P E J F T I
T D I P P M E B Z B O E W B D B U J P O P D B N I Q S P V O U S I F B M U I B O E X F M G B S F
E E J S F D U J O H B O E T V Q F S W J T G B D H J M U J M E T D B S F S T J O Q S P
W J E J O H D B S F B O E T V Q F S (W representing the organization in negotiations,
E S F O B O E B U D P O W F O U J P O T - T F N J O B S T

- (e) managing physical facilities and making sure ing and forums.
B M M C V J M E J O H T B O E F R V J Q N F O U B S F N B J O U B J O F E
to ensure the centre is a safe area for Examples of the occupations classied here:
E S F O T U B B O E W J T J U P S T Chief public health o cer
G S F W J F X J O H B O E J O U F S C i r c u l a r d i r e c t o r H P W F S O N F O U
D P E F T B O E E F W F M P Q J O H C o m p u n i t y h e a l t h c a r e c o o r d i n a t o r
D P E F T F H D P O D F S O J O H T B G F S I Z D B O S P G D O S U Z J O H

- (g) monitoring children s progress and confer- Health facility administrator
S J O H X J U I Q B S F O U T P S H V B H e a l t h a d m i n i s t r a t o r

- (h) preparing and maintaining records and ac- . F E J D B M B E N J O J T U S B U P S
D P V O U T G P S B D I J M E D B S F D F O U S F
J S F D S V J U J O H B O E F W B S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d a r e s h e r e :
O B U J O H U I F J S Q S P G F T T J P O B M H E E W F M S P Q N F S W J D F T N B O B H F S

Example of the occupations classied here:
Child care centre manager

Unit Group 1343
Aged Care Services Managers

Unit Group 1342
Health Services Managers

" H F E D B S F T F S W J D F T N B O B H F S T Q M B
J O B U F B O E F W B M V B U F U I F Q S P W J T J
B O E Q F S T P O B M D B S F T F S W J D F T

) F B M U I T F S W J D F T N B O B H F S T G B M B M J F E T J S F I P U B S P P S E J O B B E P G T V
B O E F W B M V B U F U I F Q S P W J J F J P O F D R U G P O M J O H F D O M B O E D P N
N V O J U Z I F B M U I D B S F T F S W J D F T J O D M P V T E C J O B M T D M J O J D T
public health agencies and similar organizations. B Q S P W J E J O H P W F S B M M E J S F D U J P
5 B T L T J O D M V E F o G P S B T F S W J D F G B D J M J U Z P S H B O
B Q S P W J E J O H P W F S B M M C E J S J S F D U J P O H B O V Q N S V O J T H O H B O E F W
N F O U G P S U I F T F S W J D F G B D J M W U Z J F P S F B O N F B U D B M P O V S T J O I
D F O U S F J D B M T F S W J D F N B J O U F O B O D F B O E
C E J S F D U J O H T V Q F S W J T F J O B C M O T E I J D W B P M K B D U W J O M H T U B R
X P S L B D U J W J U J F T P G N F E J D B P M F O B S T J P O H B M U F D S I O U D S M B G P S V O J
D M F S J D B M T F S W J D F - N B (d) C o n d u c t i n g o r c o o r d i n a t i n g r e c r u i t m e n t f i n a n c i n g
T P O O F M B O E U S B J O J O H P G Q F S T P O O F M
D F T U B C M J T I J O H P C K F D U F J W E F W F O M E P C F M O B M V J B N U J M F N I P S U J O H
P O F S B U J P O B M D S J U F S J B P r o c e d u r e s , p o l i c i e s a n d p e r f o r m a n c e s t a n d -

- (d) directing or conducting recruitment, hiring ards for nursing, personal care, technical and
B O E U S B J O J O H P G Q F S T P O O B M N J O J T U S B U J W F T U B

- (f) coordinating and administering welfare pro- K P W F S T F F J O H U I F T F M F D U J P O U  
H S B N N F T B O E D B S F T F S W J D F T B O O P F S P U G F T B M E F S M Z  
H D P O U S P M M J O H B E N J O J T U S B U J W F P Q F S B U J P O T T V D I B T  
C V E H F U Q M B O O J O H S F Q P S I U C S V O C F S S A B U J T J P O H B D F E N F J O U F O B O D F  
Q F O E J U V S F P O T V Q Q M J F T F R V G J D N F M U U B J F E T T F S W J D F T  
(h) liaising with other health and welfare pro- ' B N J M Z T F S W J D F T N B O B H F S  
W J E F S T C P B S E T B O E - G V O E J P O V H J O P E J T F S W J D F T P R B O B H F S  
J O B U F U I F Q S P W J T J P O P G T P E D J B M O B S P M D P J N O H C B E L N Z J C T F T S U S B U J W F M  
J B E W J T J O H H P W F S O N F O U C P E J F T B C P V U N F B T V S F T  
U P J N Q S P W F I F B M U I B O E X F M G B S F T F S W J D F T B O E  
G B D J M J U J F T

- (j) representing the organization in negotiations Unit Group 1345  
B O E B U D P O W F O U J P O T - E d u c a t i o n M a n a g e r s Q V C M J D I F B S  
and forums.

Examples of occupations classied here: Education managers plan, direct, coordinate and  
" H F E D B S F I P N F E J S F D U P S F W B M V B U F U I F F E V D B U J P O B M B O E  
Community aged care coordinator Q F D U T P G F E V D B U J P O T F S W J D F T Q S J N  
Nursing home director schools, colleges and faculties and departments in  
3 F U J S F N F O U W J M M B H F D P P S E J O B U P S V O L W F S T J U J F T B O E P U I F S F E V D E  
5 B T L T J O D M V E F o

Some related occupations classied elsewhere: (a) determining educational programmes based  
) F B M U I T F S W J D F T N B O B H F n f r a m e w o r k s e s t a b l i s h e d b y e d u c a t i o n a u -  
U I P S J U J F T B O E H P W F S O J O H C P E J F T  
(b) implementing systems and procedures to  
monitor school performance and student en-  
S P M N F O U T

Unit Group 1344  
**Social Welfare Managers**

Social welfare managers plan, direct and coord- D B U J P O B M T F S W J D F T  
J O B U F U I F Q S P W J T J P O P G T P E D J B M O B S P M D P J N O H C B E L N Z J C T F T S U S B U J W F M  
W J D F Q S P H S B N N F T T V D I B T J O O P F N H F T W Q C N P S I O G B N J M S F Q P S U Q S F  
B T T J T U B O D F D I J M E S F O T T F S W J D F T V S O E P O U T V S Q M P J N N V F R V J Q N F O U  
O J U Z Q S P H S B N N F T B O E T F S W J D F T Q S P W J E J O H M F B E F S T I J Q B O E  
5 B T L T J O D M V E F o U F B D I J O H B D B E F N J D B O E B E N J O J  
B Q S P W J E J O H P W F S B M M E J S T F D X U F M P O B D E U N B T Q U B H E F N E J O U  
G P S B T F S W J D F G B D J M J U Z G P S W B O M J B U J J O H U P I S F X P S W S P G U F B D I  
C E F W F M P Q J O H J N Q M F N F C U Z J W H T B O H O M P O M U B P T S J S C H P N T P C T F S  
Q S P D F E V S F T Q P M J D J F T B O N E F U U B E T E B S E W J G F P X S C H U B J O T U S V D U J P  
D N P O J U P S J O H B O E F W B M V B U J O H F Y S F N P O Y S O H T M E F F B A S P O U F C E H N B U F S  
U P U I F Q S P W J T J P O P G X F M G S P M O T I N G T H E E d u c a t i o n a l p r o g r a m m e s , a n d  
T P D J B M T F S W J D F T S F Q S F T F O U J O H U I F T F S W J D F P S J O  
E D P O U S P M M J O H B E N J O J T U S B U J W F P R N S B V O J J P U O Z T T V D I B T  
C V E H F U Q M B O O J O H S F Q P S I U C S V O C F S S A B U J T J P O H B D F E N F J O U F O B O D F  
Q F O E J U V S F P O T V Q Q M J F T F R V G J D N F M U U B J F E T T F S W J D F T

- (e) liaising with other welfare and health ser- E F W F M P Q J O H B O E F O G P S D J O H B  
W J D F T Q S P W J E F S T C P B S E T U B O D E S I G U O F E J O H B C G F E B I O T E D P O E V D J W  
U P E J T D V T T B S F B T P G I F B M G P S B O B V X F M G B S F O E F S W B D F F S T  
D P P Q F S B U J P O B O E D P P S E J O B U P S  
(j) Organizing and implementing methods of  
G B E W J T J O H H P W F S O N F O U a i r i n g a d d i t i o n a l f u n d s i n t o b u n d l e s o f w i t h  
U P J N Q S P W F X F M G B S F T F S W J D F T O U B O E G B N N M O W U Z T H S P V Q T B  
(g) representing the organization in negotiations L D P O U S P M M J O H T F M F D U J P O U  
B O E B U D P O W F O U J P O T - T F N J O B S P G Q V C M J D I F B S  
J O H T B O E G P S V N T

- (h) establishing and managing budgets, controlling Examples of the occupations classied here:  
M J O H F Y Q F O E J U V S F B O E F C o l l e g e d i r e c t o r U I F F D J F O U  
V T F P G S F T P V S D F T % F B O V O J W F S T J U Z  
(i) establishing and directing operational and Head teacher  
B E N J O J T U S B U J W F Q S P D F E V S S c h o o l p r i n c i p a l

Unit Group 1346  
Financial and Insurance Services Branch  
Managers

Unit Group 1349  
Professional Services Managers  
Not Elsewhere Classified

'JOBODJBM BOE JOTVSBODF IJFSWQJDFTHSBSBQDDPMBFOS T NBOBHFS  
agers plan, direct and coordinate the branches of SFDU DPPSEJOBUEF BOE FWBMVBUEF  
JOTUJUVUJJPOT UIBU QSPWJDF Dm BMO DFJB MQ SPQGF TJTOJ PVSBMV DBFO E U  
TFSWJDFT TVDI BT CBOLT BOVEJ NSFOHPUPDMFBUTJFJm FESFCJWOPS ( )  
VOJPOT BOE JOTVSBODF DPTNQ BGS WTU D FSTI BZO EQ SPNWJDEJFUSBUJPO  
BEWJDF BOE BTTJTUBODF FUNPTDXMJSOUJTO P.OOFMSR(SDVBEM BOBSP  
insurance matters. WJDFT .BOBHFS 'PS JOTUBODF NBO

5BTLT JODMVEF o TJCMF GPS UIF QSPWJTJPO PG QPMJ  
(a) planning, directing and coordinating the activities of JCSBSZ MFHBM BOE mSF TFSWJD  
UJWJUJFT PG TUB JO UIF CSBTOVDDI DBTFT UBTLT XPVME JODI

(b) establishing and maintaining relationships B QSPWJEJOH PWFSBMM EJSFDUJJP  
XJUI JOEJWJEVBM BOE CVTJCOFST TB DTVFSTUWJNDFFS TGBDJMJUZ PSHBO  
D QSPWJEJOH BEWJDF BOECBTE F TUFEMDFEJOPH DVNQVNFNSFOUJOH E  
on their financial and insurance needs and QSPDFEVSFT QPMJDJFT BOE TUBO  
on matters such as changes in law that may EJSFDUJOH TVQFSWJTJOH  
B FDU DVTUPNFST XPSL BDUJWJUJFT PG QSPGFT  
E FYBNJOJOH FWBMVBUEJ ODMBSOJED BOMSPDTIF \$WJJDHF MNPBJOUFOBOD  
BOE JOTVSBODF BQQMJDBUJJPOTOFM

F NPOJUPSJOH DSFEJU FYUEF OTJPPCOJ LEF \$JJOHPBOE FWBMVBUEJOH S  
G DPOEVDUJOH mOBODJBM WJRWJFUQISB WJPTOJPO PG TFSWJDFT  
H PWFSTFFJOH UIF nPX PG DDPBOTUSBOMM JROHBODNBOMJ TJLOS BUJW  
struments, and the preparation of financial as budget planning, report preparation, and  
BOE SFHVMBUPSZ SFQPSUT FYQFOEJUVSF PO TVQ-QMJFT FRV  
I BQQSPWJOH PS SFKFDUJOWJDFST DPPSEJOBUEJOH UIF  
BQQSPWBM PS SFKFDUJJPOT planning, directing and coordinating the  
DPNNFSDJBM SFBM FTUBUJOSBOMJ TJJPSOT PPOGB MF \$MWP BDOFT

(i) coordinating cooperation with other H DPPSEJOBUEJOH DPPQFSBUJPO XJ  
CSBODIFT PG UIF DPNQBOZ QSPWJTJPO BHFODJFT JO UIF TBI  
K NBOBHJOH CVEHFUT DPOUSPMM JOH FYQFOEJUVSF  
BOE FOTVSJOH UIF F DJFOU VNTFOBCH JSCHF PVSDFHFTUT DPOUSPMM  
L PWFSTFFJOH UIF TFMFDUBODFO \$B \$S OOHU BFOE QJFSCUP SVTF PG  
NBODF PG TUB J PWFSTFFJOH UIF TFMFDUJPO US  
NBODF PG TUB

Examples of the occupations classified here:

- Bank manager
- Building society manager
- Credit union manager
- Financial institution branch manager
- Insurance agency manager

- Examples of the occupations classified here:
- "SDIJWFT NBOBHFS
  - "SU HBMMFSZ NBOBHFS
  - \$PSSFDUJPOBM TFSWJDFT NBOBH
  - FHBM TFSWJDF NBOBHFS

Some related occupations classified elsewhere:

- 'JOBODF NBOBHFS o
- \$SFEJU BOE MPBOT P DFST1SJTPO HPWFSONS
- \*OTVSBODF BHFOU o

- Library manager  
.VTFVN NBOBHFS
- Police superintendent

Note  
1SPGFTTJPOBM TFSWJDFT NBOBHFS BSF  
OJOH EJSFDUJOH BOE DPPSEJOBUEJOH UIF  
DJBMJ[FE QSPGFTTJPOBM BOE UFDIOJDBM  
RVBMJMDBUJJPOT BOE FYUFOTJWF FYQFSJFC  
PS NPSF PDDVQBUJJPOT DMBTTJmFE JO .BKPS  
TJPOBMT PS .BKPS (SPVQ 5FDIOJD.  
1SPGFTTJPOBMT BSF VTBMMZ SFRVJSFE

Sub-ma-or Group 14

Hospitality, Retail and Other Services Managers

) P T Q J U B M J U Z S F U B J M B O E P U I F S B O E S W J J S F D U N B O B H F S F S O B M B O
F T U B C M J T I N F O U T X I J D I Q S P W J E F B O D E D P N N P S E B U F S P A O J D F F T Q S J
Q F U F O U Q F S G P S N B O D F J O N P T U S P D R W J O S F U J F O J M J M O T U B U T U T M
\* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J V O E R U I J C M T B V O C O - N O B H K P B S O E I S P S V H
J [ J O H T Q F D J B M G V O D U J P O T T Q P S W J J Q H F T H B O E O H I B O S B C F O R U F B S Q U E B
P G Q S P E V D U T T U P D L M F W F M T T B O M E M T J F O S H W H P P E T T U B O E B \$ E S
P C T F S W J O H M J R V P S H B N J O H I F B M U E I F W O E M P O J F O S H M B O K E S O W J S
Q P M J D J F T Q S P H S B N N F T B O E Q S P D F O E T V S E F O E D P O D E S O B O H E T V T S U P J
Q S P W J E F E Q S P N P U J O H G B D J M J U J F U S B P S D I P X G F S P O O F U F O D J P O W
U P N F S T P S H B O J [ J O H U I F Q V S D I B T F J B O I E T N B B O W J F O N B F O O L F P O E U S V
B O E U S B O T Q P S U J O H H P P E T D P O U S F M I M S J W H I T W P P O T F O M F T D U L B J P O F O
compliance with occupational health and safety regulations.

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H U S O P H Q N J B O S P F S D H M S P V T O J T m F E J O U

- 141 Hotel and Restaurant Managers
142 Retail and Wholesale Trade Managers
143 Other Services Managers

Notes

4 V C N B K P S ( S P V Q ) P T Q J U B M J U Z H F S F U J B T N G P B S O E B O B H F F S S T 4 P S G W B D U F B C N B O
N F O U T U I B U Q S P W J E F T F S W J D F T F E S S I B D D W N I B U U I P O U T I F U Q B O M B I S F V T P V B M I M B M J K
I J F S B S D I J F T P G N B O B H F S T . B O B H F S T U J S O H T O P O C E T J D C A M P S E G J P O S B Q J M O B H O Q J I O H Q S E P J
P G T Q F D J B M J [ F E Q S P G F T T J P O B M B S C F E R W J F S D F I O T J O D F E D M B M F J S [ W B D R E V B M I J B M U D B U V B O
D M B T T J m F E J O W B S J P V T V O J U H S P V T O T S B U O J W F C B O B K P S N ( N S F S V O Q ) B M . B O E B H I O S
B O E 1 S P E V D U J P O B O E 4 Q F D J B M J [ F E 4 F S W J D F T . B O B H F S T

Operators of small shops, guest houses, cafés, restaurants and bars for whom the management and
T V Q F S W J T J P O P G T U B J T O P U B S F T D H M O B J T m D R B O E U J D P N I C F P O F N O U W B O U U V F O J X U
J O 4 V C N B K P S ( S P V Q T 1 F S T P O B P N L # 5 \$ W E D Q T F O B E P J S C L H F S P T O P S I F N B 4 J B O M B B
performed.

Minor Group 141

Hotel and Restaurant Managers

Hotel and restaurant managers plan, organize and direct the operations of establishments that
Q S P W J E F B D D P N N P E B U J P O N F B M T F S W W D F S B H F T B O E P U I F S I P T
5 B T L T Q F S G P S N F E V T V B M M Z J O D M M E F G V O N B O P O O T D H O B E O E T O P P S S H U B J
H B N J O H B O E F O U F S U B J O N F O U B F D T U F S W W B W J J P O S F S F Q U J J P O H B S
T F S W J D F B O E I P V T F L F F Q J O H B D U J I W B M J J F I T B O P E C T P U S W S J O M B X M T J R V O P E S S
M B U J P O T N P O J U P S J O H R V B M J U E Z T B O U B M J P O T U P E G H I G P P P E G B O D S E F Q B S
D P O U S P M M J O H U I F T F M F D U J P O T W S S J B O J H O J D O P H O B N O E B O V O F X S W J J T P D O
tional health and safety regulations.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V O B S U F H D S P B V T O T T J m F E J O U P U I F

- 1411 Hotel Managers
1412 Restaurant Managers

Unit Group 1411

Unit Group 1412

**Hotel Managers**

**Restaurant Managers**

Hotel managers plan, organize and direct the operations of hotels, motels and similar establishments.

Restaurant managers plan, organize and direct the operations of cafés, restaurants and related establishments.

M J T I N F O U T U P Q S P W J E F  
 P U I F S T F S W J D F T  
 5 B T L T J O D M V E F o  
 B E J S F D U J O H B O E P W F (s)  
 U J P O S P P N T F S W J D F  
 J U J F T  
 C T V Q F S W J T J O H T F D V S  
 H B S E F O B O E Q S P Q F S U Z N B H  
 D Q M B O O J O H B O E T V Q E F S  
 G V O D U J P O B O E D P O G F S F O D F O  
 E P C T F S W J O H M J R V P S H  
 S F H V M B U J P O T  
 F B T T F T T J O H B O E S F W J F X J O  
 G P W F S T F F J O H B D D P V O U J O  
 J U J F T  
 H V O E F S U B L J O H C V E H F U J O H J  
 I D P O U S P M M J O H T F M F D H J P T  
 T J P O P G T U B  
 (i) ensuring compliance with occupational  
 I F B M U I B O E T B G F U Z S F H V M B  
 K Q S P W J E J O H H V F T U T X J U I T M P D B O M H U J O V S U B N J O H G P S N B S T  
 tion, and arranging tours and transportation.

H V B O M B I D D N P F N U P T E B B J O S P W O E F E J O J O  
 T F S W J D F T  
 5 B T L T J O D M V E F o  
 (s) Training men's first-class with chef  
 B O E I D V P E I F F Q J O H B D U J W  
 C Q M B O O J O H B O E P S H B O J [ J O H T Q F  
 (c) Lazzarini's Steakhouses and prime of  
 B O D P S E J O H U P C V E H F U  
 M B J T O J O B H J O G O S S I S F T S J E B T V B G O T W P  
 B O D J B M U U S B O T B D U J P O T  
 H e n c o u r a g e t h a t p u b l i c k i t c h e n T a n k o f d  
 storage facilities comply with health regula-  
 tions and are clean, ductless and of suit-  
 (f) conferring with customers to assess their sat-  
 G B S D W I F P O T X B C M N F I B M O U B O E T F S W J  
 P M F U S S U B J O H J O H B O T E F U T W J O H S W U B  
 B O E U S B J O J O H B O E T V Q F S W J T  
 L J U D I F O T U B  
 (j) ensuring compliance with occupational  
 W J P L O D H S F T F S W B U J P O T H S F F U J O  
 T M P D B O M H U J O V S U B N J O H G P S N B S T  
 negotiating arrangements with clients and  
 T V Q Q M J F S T

Examples of the occupations classified here:  
Hotel manager  
. P U F M N B O B H F S  
Youth hostel manager

(j) ensuring compliance with occupational health and safety regulations.

Some related occupations classified elsewhere:  
# F E B O E C S F B L G B T U P Q F S B

Examples of the occupations classified here:  
Café manager  
Catering manager  
Restaurant manager

Notes  
Operators of small establishments, such as some bed and breakfast establishments and small guest houses that  
Q S P W J E F B D D P N N P E B U J P O B O E M J N J U F E N F B M T F S W J D F T U P  
D M J F O U T F F D U J W F M Z B T Q B Z J O H H V F T U T J O Q S I W B I E I P V T F I P M E T  
B O E G P S X I P N U I F N B O B H F N F O U J P E N T V Q F S W J T J P O B O E T V Q F S W J T J P O P G T  
is not a significant component of the work, are classified  
J O 6 O J U ( S P V Q % P N F T U J D ) S P V O T F F O F S T P P L T 8 B J U F S T P S  
\$ I J F G F Y F D V U J W F P D F S T B O E I O F D J B M J F F N B O R H E S T P G  
hotel management companies or hotel chains are classified  
J O U I F S F M F W B O U V O J U H S P V Q J O 4 V C N B K P S ( S P V Q T B O E

Some related occupations classified elsewhere:  
\$ I F G o  
Note  
Operators of small cafés, restaurants and bars for whom  
is not a significant component of the work are classified in Unit  
depending on the main tasks performed.

**Minor Group 142  
Retail and Wholesale Trade Managers**

Retail and wholesale trade managers plan, organize, coordinate and control the operations budgets, sta ng and strategic and operational direction of shops, or of organizational units within shops that sell particular types of product.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E M F W E F F W F S B O E J T O F H S V O S P E V T D U  
B S E T G P S N V M B U J O H B O E J N Q M F N F O D U J J O H C B V O S E I B F U O H O B H O Q S N  
Q S P N P U J O H B O E B E W F S U J T J O H U I F T F T N B C O W B J O B O H S F H D P P S E T T

TUPDL MFWFMT BOE mOBODJBM LPSSB OTB DFUTJUPDOTM JTO NIFSOUB L DOPK  
MJOH TFMFDUJPO USBJOJOH BOEMTBQIBS WKJTWIP ODPDGV QBBJPOTMIV  
and safety regulations.

ODDVQBUJPOT JO UIJT NJOPS HSPWQVBSUF H\$P/B/TQT JmFE JOUP UIF

**1420 Retail and Wholesale Trade Managers**

Notes

3FUBJM BOE XIPMFTBMF USBEF NBSOFMHEISJWBSVZ GTSNFRMAMD LFMZ BFCMOMTIPF DWT  
OPU IBWF B IJFSBSDIZ PG NBOBFHTUSBTC M\$TFN INLOTB HFDOT PTG TMQSSNBS E  
BOE EFQBSUNFOU TUPSFT IPXFVHSSPVTP VBMUEI BWHITP TQDI DFMBBCTMNFEN FJ  
NBZ IBWF B IJFSBSDIZ PG NBOBHFSBSBOPEG THVQPFVSOVJ PPSFTU(BFCOM\$BIMFIB  
TVDI BT TVQFSNBSLFU PS EFQBSUPNKFQWUFSTUBSF6DUBJQSPBSF DMBTBQIBHIOH  
%JSFDUPST BOE \$IJFG &YFDVUJWFT  
OQFSBUPST PG TNBMM TIPQT GPS XIPNPQIFUNBOBHFNIPQU BBCTHOTOVQrSDVOTUJ  
QPOFOU PG UIF XPSL BSF DMBTTJmFE JO 6OJU (SPVQ 4IPQLFFQF  
4UB XIP DPOUSPM BOE EJSFDU BDFU B D W J W D U J V W P Q F T S I P W P S B M B F O T E B P T U T J F T S U X P S  
CVU XIP EP OPU UBLF SFTQPO TJCBWBSB MGNP STEUJFONJDOG OHS QDSPTV QV E  
TUB OH MFWFMT TFMFDUJPO BQBSPSVQDSVJUN#ORUQ B\$QFDSWBTPT\$HFE JO

Unit Group 1420

Shop manager

**Retail and Wholesale Trade Managers**

Supermarket manager

Retail and wholesale trade managers plan, Some related occupations classi ed elsewhere:  
ganize, coordinate and control the operations 4BMFT NBOBHFS o  
of establishments that sell goods on a retail or 4IPQLFFQFS o  
XIPMFTBMF CBTJT 5IFZ BSF 4SPQTPVQOTFJSCWUJFTPSPS UIF  
budgets, sta ng and strategic and operational 4IPQ TBMFT BTTJTUBOU o  
direction of shops, or of organizational units  
within shops that sell particular types of products

Notes  
5BTLT JODMVEF o 3FUBJM BOE XIPMFTBMF USBEF NBOBHFS  
B EFUFSNJOJOH QSPEVDQMNFZY JOTSJFMBUJWFVW FMBMBOTEUBC  
TFSWJDF TUBOEBSET IBWF B IJFSBSDIZ PG NBOBHFS 5IF NB  
(b) formulating and implementing purchasing retail establishments such as supermarkets and depart-  
BOE NBSLFUJOH QPMJDJFY BOE HSPVUJHOSJDFFT HFOFSBMM  
D QSPNPUJOH BOE BEWFSUJHOSJDFFT HFOFSBMM  
NFOU T HPPET BOE TFSWJDF HFOFSBMM  
E NBJOUBJOJOH SFDPSEPSPEQTEUBDPOUMFVWFSM TIBOET BSF DMBT  
OBODJBM USBOTBDUJJPOT 6OJU (SPVQ .BOBHJOH %JSFDUPST BOE  
F VOEFSUBLJOH CVEHFUJHOSJDFFT HFOFSBMM UIF FTUBCMJTINFOU  
G DPOUSPM MJOH TFMFDUJPO HFOFSBMM OJHOSJDFFT HFOFSBMM QFSWJ  
TJPO PG TUB BOE TVQFSWJTJPO PG TUB JT OPU B TJHOJ  
(g) ensuring compliance with occupational health and safety regulations. UIF XPSL BSF DMBTTJmFE JO 6OJU (SPVQ  
4UB XIP DPOUSPM BOE EJSFDU UIF BDUJW

Examples of the occupations classi ed here:

(SPDFSZ NBOBHFS  
Retail manager

who do not take responsibility for determining product  
NJY PWFSBMM TFUJOH PG QSJDFT CVEH  
TFMFDUJPO BOE SFDVJUNFOU BSF DMBTT  
4IPQ 4VQFSWJTPT

Minor Group 143

**Other Services Managers**

OUIFS TFSWJDFFT NBOBHFS QMBO P B SHTEUBCJMFJ TBIQ EODP OUI  
QSPWJEF TQPSUJOH DVMUVSBM B\$UF DESQIB UPJUIQIB MBNBQBWZM FSDW  
5BTLT QFSGPSNFE VTVBMMZ JODMVEHFF BQMBNOYOPHG BTOFES W\$DIBTO  
BDUJWJUJFT QSPWJEFE FOTVSJEDHJCU IHRUP B BDDPQVEJWUJJPOT B SLIF FLOJQUH DE

PG OFX USFOET BOE EFWFMPQNFOUTBS FMF WOBH UP Q PU UFI FG B DS W J D B F  
BCMF BOE QSPNPUJOH QVCMJDJ MZM D BFD L S D B F B O U E T L B O Q J N  
SFHVMBS TUPDL DIFDLT FTUBCM J M J D C H B F O Y E Q I N C E Q B J W S O H B O E E H C F T U  
UIF F DJFOU VTF PG SFTPVSDFT BQJMB O T J O I P O B U S E P N A M S J F O H J U C I F E E  
TVQFSWJTJPO BOE QFSGPSNBODF FCB M U B B O F E O T B S F O H Z S P N Q M S J F B N C

ODDVQBUIJPOT JO UIJT NJOPS HSPVQ Q B S U F H S M P B / T O T T J m F E J O U P U I F

**1431 Sports, Recreation and Cultural Centre Managers**

**1439 Services Managers Not Elsewhere Classified**

Unit Group 1431

Unit Group 1439

**Sports, Recreation and Cultural Centre Managers**

**Services Managers Not Elsewhere Classified**

Sports, recreation and cultural centre managers plan, organize and control the operations of sports, recreation and cultural centres and shopping centres and shopping centres are classified here.

(b) ensuring that facilities are kept clean and in

HPPE DPOEJUJPO Examples of the occupations classified here:  
D LFFQJOH BCSFBTU PG O F C a m p u s e m a n a g e r B O E E F W F M  
P Q N F O U T J O U I F D S F B U J W S F S B S W B T O Q B S L B N S B O B H F S O H  
theatrical productions and performances by Conference centre manager  
C B O E T B O E P S D I F T U S B T C o n t a c t c e n t r e m a n a g e r  
E B E W J T J O H P O U I F - G B D J S h o p p i n g c e n t r e m a n a g e r M B C M F B O E Q S P  
N P U J O H Q V C M J D J U Z J O S F N S B B W F O M U B H F O W Z O N U B O B H I F S X T  
B O E B D U J W J U J F T

(e) checking and keeping custody of all cash Note

DFJQUT BOE NBLJOH SFHVMBS TUPDL DIFDLT VOJU HSPVQ BSF PDD  
(f) establishing and managing budgets, control W P M W F N B O B H J O H U T F Q S P W J T J P O P G T Q F D  
M J O H F Y Q F O E J U V S F B O E U J P O T V S J O H U L F F P D I F O P B O E S F R V J S F T O  
V T F P G S F T P V S D F T D M B T T J m F E J O . B K P S ( S P V Q 1 S P G F T  
H Q M B O O J O H B O E E J S F D U S J O H E B J M Z D R O F S B D O P O B O E " T T P D  
I D P O U S P M J O H U I F T F M F T D U N P O B H F S J B M F S M W J T O B R O P O B O E S F D M F  
Q F S G P S N B O D F P G T U B V O J U H S P V Q T J O 4 V C N B K P S ( S P V Q T " E N  
S P N F S D J B M . B O B H F S T B O E - 1 S P E V D U J P O  
(i) ensuring compliance with health and safety regulations. J L F E 4 F S W J D F T . B O B H F S T

Examples of the occupations classified here:

- " N V T F N F O U Q B S L N B O B H F S  
Billiards or pool hall manager  
Casino manager  
Cinema manager  
Leisure centre manager  
Riding school manager  
Sports centre manager  
5 I F B U S F N B O B H F S  
5 I F N F Q B S L N B O B H F S

Some related occupations classified elsewhere:

- " S U H B M M F S Z N B O B H F S o  
- J C S B S Z N B O B H F S o  
. V T F V N N B O B H F S o

Ma~or Group 2

**PROFESSIONALS**

1 S P G F T T J P O B M T J O D S F B T F U I F F Y J T W J U J H m D U P P S D I B S P G J T W P D X M D P E O H D F  
U I F P S J F T U F B D I B C P V U U I F G P S F H O P H B H H F J O O B B Q Z T D P N I B U O B U N I B O  
U I F T F B D U J W J U J F T \$ P N Q F U F O U U Q F T S G N P S K N P B S O D H S P J V O Q N S P F T R U V J  
T L J M M T B U U I F G P V S U I \* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z Q S P G F T T J P B O N B M T T J T V B O E E M S V F Z T F J B O S D D M I V E B F O  
W F M P Q J O H D P O D F Q U T U I F P S J F T B O O P S P O Q S B M J J P O H B M Y N F U J J O E H T L C  
ledge related to physical sciences, mathematics, engineering and technology, life sciences,  
N F E J D B M B O E I F B M U I T F S W J D F T B T R D O B M U T H J U F I C F P I S T Z B C O E E I Q N B O  
P G P O F P S N P S F E J T D J Q M J O F T B J O E I J B F O S E F O U V F D E B M U J B O U H J P O F B S M P I O F  
M F B S O J O H E J D V M U J F T P S T Q F D J T B M M O F H B E M B O S P T P J D E J B M W F B S S W P  
B U J O H B O E Q F S G P S N J O H X P S L T P G S B S B S J Q H S P T V D J E O O H m D Q Q B  
B O E S F Q P S U T 4 V Q F S W J T J P O P G P U I F S X P S L F S T N B Z C F J O D M V

O D D V Q B U J P O T J O U I J T N B K P S H S P H V O V B C S R N B K M P S T H S R F W D T J O U P U I F

- 21 Science and Engineering Professionals**
- 22 Health Professionals**
- 23 Teaching Professionals**
- 24 Business and Administration Professionals**
- 25 Information and Communications Technology Professionals**
- 26 Legal, Social and Cultural Professionals**



Sub-ma-or Group 21

Science and Engineering Professionals

4 D J F O D F B O E F O H J O F F S J O H Q S P G F P T S J E O W M M P D O P O P V O D D L F O S U F T F B U S D B O E P Q F S B U J P O B M N F U I P E T P S B Q O M r z F T V D E J F O T U V I D N I D B L T O P O X I M F E E t r o n o m y , m e t e o r o l o g y , c h e m i s t r y , g e o p h y s i c s , g e o l o g y , b i o l o g y , e c o l o g y , p h a r m a c o l o g y , m e d i c i n e , m a t h e m a t i c s , s t a t i s t i c s , a r c h i t e c t u r e , e n g i n e e r i n g , d e s i g n a n d t e c h n o l o g y . C o m p e t e n t Q F S G P S N B O D F J O N P T U P D D V Q B U T I P T Q J M J M O T U B I U T U I T F V G P V B K P S T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J O W H I T D P O E N B K B S H S F V O B V S D M B M B S H J O H B E W J T J O H P O P S B Q Q M S P O H I T U D I J F O U Y R Z R O P T X U S V E D H U P a n d p r o p e r t i e s o f p h y s i c a l m a t t e r a n d p h e n o m e n a , c h e m i c a l c h a r a c t e r i s t i c s a n d p r o c e s s e s o f W B S J P V T T V C T U B O D F T N B U F S J B M T B B O O E N E O S P E O D U C M B B O M U M M G I E S F P G N B U I F N B U J D B M B O E T U B U J T U J D B M E D F T O D O O H B O E N J S J I D E D P O T U S V D U J P O P G C V J M E J O H T H P O E F S B O H E B O S B J O E V T U S N B T M I U V S F T B T X F M M B T N B D I J O F T B O E B P Q Q M S Z J F O R W J N O J N C F J O O H B E U M P T E J T O B F O T V S J O H U I F J S P Q U J N V N V T F T V S B A O F T Z J O H V M Z B J O E H B B O C E E T E F B W B O E o n t e c h n o l o g i c a l a s p e c t s o f p a r t i c u l a r m a t e r i a l s , p r o d u c t s a n d p r o c e s s e s , a n d o n e c i e n c y o f Q S P E V D U J P O B O E X P S L P S H B O J [ B U B P S O F Q E S B O B S 4 J V O O H F S T V O J J F D P U O J o t h e r w o r k e r s m a y b e i n c l u d e d .

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T Q J T m F E J O U

- 211 Physical and Earth Science Professionals
- 212 Mathematicians, Actuaries and Statisticians
- 213 Life Science Professionals
- 214 Engineering Professionals (excluding Electrotechnology)
- 215 Electrotechnology Engineers
- 216 Architects, Planners, Surveyors and Designers

Minor Group 211

Physical and Earth Science Professionals

1 I Z T J D B M B O E F B S U I T D J F O D F Q S P W I F T P S P E B W M F T M D P R O E P D O D F S O F U T F B S J F T B O E P Q F S B U J P O B M N F U I P E U T J O I P S U B Q Q M T Z J D T T D J B T O W S J P O D P m e t e o r o l o g y , c h e m i s t r y , g e o l o g y a n d g e o p h y s i c s .

5 B T L T Q F S G P S N F E V T V B M M Z J O D M W H I S P V O M B S S F H F J F O B H S O D D J B O B J H e x p e r i m e n t s r e l a t e d t o m e c h a n i c s , t h e r m o d y n a m i c s , o p t i c s , s o n i c s , e l e c t r i c i t y , m a g n e t i s m , e l e c - U S P O J D T O V D M F B S Q I Z T J D T B U S Z S P O B N Z T Q W F B S S J D P V P O C E S B O B O E U I F Q I Z T J D B M O B U V S F P G U I F J B L S O U P X M B F E E V H F T J J O H T F O I P r S F B B T N B O V G B D U V S J O H B H S J D V M U P V S S E F U J R O E J D J M F H O B W X H B J U N J O F S B M F Y Q M P J U B U J P O U F M F D D P J M V N M I O B O B J Q I P F O S T J O B H O E Q S E U Q s c i e n t i c p a p e r s a n d r e p o r t s .

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q N O B S U F H S M P B V T O T T J m F E J O U P U I F

- 2111 Physicists and Astronomers
- 2112 Meteorologists
- 2113 Chemists
- 2114 Geologists and Geophysicists

Unit Group 2111

Examples of the occupations classified here:

**Physicists and Astronomers**

" T U S P O P N F S  
. F E J D B M Q I Z T J D J T U

Physicists and astronomers conduct research and operational methods concerning matter, space, time, energy, forces and fields and the interrelationships.

Nuclear physicist  
Physicist U I F P S J F T B O E P Q F S  
Some related occupations classified elsewhere:  
C B N F B U B J P G I P D B P O P M H Z T U o  
3 B E J P M P H J T U o  
4 Q F D J B M J T U Q I Z T J D J B O O V D M F B  
2212

scientific knowledge relating to physics and astronomy in industrial, medical, military or other fields.

5 B T L T J O D M V E F o  
B D P O E V D U J O H S F T F B S - D I B O E J N Q S P W J O H P S E F W F M

opening concepts, theories, instrumentation software and operational methods related to

It should be noted that, while they are appropriately classified in this unit group with other physicists, medical physicists are considered to be an integral part of the health workforce alongside those occupations classified on the structure and properties of matter, fields such as mechanics, thermodynamics, electronics, communications, power generation and distribution, aerodynamics, optics and lasers, remote sensing, medicine, sonics,  
4 V C N B K P S ( S P V Q ) F B M U I 1 S P G F T T J P  
D M B T T J G J F E J O B O V N C F S P G P U I F S V O J U  
S P V Q 1 S P G F T T J P O B M T

Q I Z T J D T B O E B T U S P O P N Z  
C D P O E V D U J O H F Y Q F S J N F O U T U F T U J B O E B O B M Z T F T  
on the structure and properties of matter, fields such as mechanics, thermodynamics, electronics, communications, power generation and distribution, aerodynamics, optics and lasers, remote sensing, medicine, sonics,  
N B H O F U J T N B O E O V D M F B S Q I Z T J D T

D F W B M V B U J O H S F T - V M U T P G J O W F T U J H B U J P O T B O E F Y  
Q F S J N F O U T B O E F Y Q S F T T J U N H G O P Q I D M V T J P O T N B J O M Z

VTJJOH NBUIFNBUJDBM UF

**Meteorologists**

E B Q Q M Z J O H Q S J O D J Q M F T U F D I O J R V F T B O E Q S P D F T T F T  
UP E F W F M P Q P S J N Q S P W F U I F S F M S J H J M U T N F O S J D B M S F T I P S U U

military and other practical applications of  
U I F Q S J O D J Q M F T B O E a g r i c u l t u r e a n d o t h e r a r e a s a n d t o f t h e i n f o r - S  
B T U S P O P N Z N B U J P O P G U I F H F O F S B M Q V C M J D 5

F F O T V S J O H U I F T B G F B e a r c h f r a c t i o n a n d c o m p o s i t i o n , w i n d s u e a n d  
radiation (ionizing and non-ionizing) to padynamics of the atmosphere.  
U J F O U T U P B D I J F W F B E J B S I D P L T T U J D D P N S V E F F S B Q F V U J D

(f) ensuring the accurate measurement andments, pressures, temperatures, humidity,  
S F T V M U B T Q S F T D S J C F E C Z B N F E W F B M J Q S B D O H U E J P S C F F S U J P O B O E T O

D I B S B D U F S J [ B U J P O P G Q I Z J y s i c a l a n d c h e m i c a l t r a n s f o r m a t i o n o f p o l -  
J O N F E J D B M B Q Q M J D B U J P o t a n t s a n d o t h e r p h e n o m e n a s u c h a s c l o u d

H U F T U J O H D P N N J T T J P O J O f o r b a i c o n a n d p r e c i p i t a t i o n o f e l e c t r i c a l d i s -  
ment used in applications such as imaging, UV S C B O D F T P S T P M B S S B E J B U J P O

N F E J D B M U S F B U N F O U B O E ( b ) E s t u d y i n g d a t a c o l l e c t e d f r o m m e t e o r o l o g i c a l  
I B E W J T J O H B O E D S t a t i o n s , r a d a r a n d s a t e l l i t e i m a g e r y a n d E J D B M

practitioners and other health care profes-  
sionals in optimizing the balance between X F B U I F S D P O E J U J P O T

U I F C F O F m D J B M B O E E F ( k ) p r e p a r i n g a n d r e p o r t i n g u s i n g l o n g -  
E J B U J P O t e r m w e a t h e r m a p s , f o r e c a s t s a n d w a r n i n g s

J P C T F S W J O H B O B M Z T J O H e l d i n g t o a n o n s p e c i f i c p h e n o m e n a s u c h a s  
U J B M Q I F O P N F O B B O E c y c l o n e s , f o r m s a n d o t h e r h a z a r d s t o l i f e

O V N F S J D B M N P E F M T B O E U a n d p r o p e r t y a n d u s e i n a i r t r a f f i c f o r m a -  
L O P X M F E H F P G m F M E T - T V D i o n a b o u t a t m o s p h e r i c c o n d i t i o n s t h a t b r o u g h

M J U F D P N N V O J D B U J P O - T Q B D F W B Y S Q M I P S P U G J N O E J D B M O D M V E J O H S  
U J B M C P E J F T B O E D P T N J D S B E O B U B O E U I F \* O U F S O F U

K E F W F M P Q J O H J N Q M F N F O U J D P H O B O E U N D J O H F B J O F S J O H N F O U T J O  
standards and protocols for the measurement  
of physical phenomena and for the use of nu- U Z O F T P G X F B U I F S N P E J m D B U J P O

clear technology in industrial and medical F E F W F M P Q J O H B O E U F T U J O H N B U  
B Q Q M J D B U J P O T Q V U F S N P E F M T P G X F B U I F S B O E D M

(k) preparing scientific papers and reports. Q F S J N F O U B M P S P Q F S B U J P O B M V T F



- (h) studying and measuring physical properties of seas and the atmosphere and their inter-physical properties of ground and surface  
S F T F B S D I J O H U I F N P W F N F O U E J T  
S F M B U J P O T I J Q T V D I B T U I F X F Y D S B O H F P G U I F S N B M  
F O F S H Z M B E W J T J O H J O B S F B T T V D I B T X B
- (i) locating and determining the nature and route and site selection and the restoration of  
F Y U F O U P G P J M H B T B O C o n t a i n e d a t e d B i t s . E F Q P T J U T V T J O H  
T F J T N P M P H J D B M H S B - W J N F U S J D N B H O F U J D F M F D  
U S J D B M P S S B E J P N F U S J D E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e :
- (j) identifying deposits of construction materials and determining their characteristics and suitability for use as concrete aggregates,  
( F P M P H J D B M P D F B O P H S B Q I F S  
( F P M P H J T U  
( F P Q I Z T J D B M P D F B O P H S B Q I F S  
S P B E m M M P S G P S P U I F S B Q O M P J O D I Z U J D O T U  
( F P T D J F O U J T U

Minor Group 212

**Mathematicians, Actuaries and Statisticians**

. B U I F N B U J D J B O T B D U V B S J F T B O E N D I S P W J F T U P J S D E F O T F N P O E N V E W I F S N F  
J D B M B D U V B S J B M B O E T U B U J T U O B M M N P E C M F T Q L B T O E U U F F P S I J O F J R B O  
apply this knowledge to a wide range of tasks in such elds as engineering, business and social  
and other sciences.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V C E J O H T U N V E Z J J O N B U J J N D O B S M W J E O D  
B S J B M B O E T U B U J T U J D B M U I F P S Q O T M B O C E H U N B U O J F R I V B U T J D B E W Q S J O  
N P E F M T B O E U F D I O J R V F T U P B F X O H E J O I S B S O J O H P O G B U B S B M J O  
P S M J G F T D J F O D F T D P O E V D U J C O H M M N P H J B B O I F B O E B M M Z F J T O P G  
J O Q V U o P V U Q V U F F D U J W F O F T T B O E P G G F S D V M E S U P C O M H F N B U T I V B N M J J Z  
Q S P H S B N N J O H B O E T P M V U J P O C Z D P P Q O V S B S J J E O T Q F O T J O P H O B T O E I F O N  
B O E M J G F I F B M U I T P D J B M B O E B O M F Z S Q H Z Q N F B T U P F G N B O J T D V S B O D B U  
Q S P C B C J M J U Z B O E S J T L U I F P S Z U T P P E T G A T U T V S P F U F M O F L O J B T M Q N O B O D  
P S H B O J [ J O H T V S W F Z T B O E P U I F S O J O B U R V U J D B M O D B M S M F T D U F W O T M  
Q S P D F T T J O H B O B M Z T J O H B O E J O B S F S O C H S F U I F O H G P S B O V C M J J D B M J E  
W J T J O H P O P S B Q Q M Z J O H W B S J P V U J E B U M B N D P U M M E F T D B O P E O U N F I D U O P J R  
and determining reliability of ndings, especially in such elds as business or medicine as well  
B T J O P U I F S B S F B T P G O B U V S B M T T D P J D O B U M m P S Q N B D G F S T T D J C F E O D S F  
T V Q F S W J T J O H U I F X P S L P G N B U I F B B U J D B M O U B D B U V B S J B M J E O B D T B U

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P V T O T J m F E J O U P U I F

**2120 Mathematicians, Actuaries and Statisticians**

Unit Group 2120

**Mathematicians, Actuaries and Statisticians**

of tasks in the elds of engineering, natural,  
T P D J B M P S M J G F T D J F O D F T

(c) conducting logical analyses of management  
B U I F N B U J D J B O T B D U V B S J F T C B S O P E C M T B B U J T F U T J O F J D B J O T M M Z O J O U F S N T  
E V D U S F T F B S D I B O E J N Q S P W F P S F B E W W M O P O T N B U B O E N B G U P S N V M B U J O H  
ical, actuarial and statistical concepts, theoriesmodels of each problem usually for program-  
B O E P Q F S B U J P O B M N F U I P E T N B J O C E H U F O E O T J R M V T J P O E C Z D P N Q V U F  
B E W J T F P O P S F O H B H F (d) designing and putting into operation plans and  
tion in such elds as engineering, business and schemes and life, health, social and other  
social and other sciences.  
U Z Q F T P G J O T V S B O D F T Z T U F N T

5 B T L T J O D M V E F o (e) applying mathematics, statistics, probability  
B T U V E Z J O H J N Q S P W J O H a n d B r o k e t h e F y W o F a m e s O p p o r t u n i t y  
m a t h e m a t i c a l , a c t u a r i a l a n d s t a t i s t i c a l t h e o r i e s a n d J N Q B D U T P G G V U V S F F W F O U T  
U F D I O J R V F T G Q M B O O J O H B O E P S H B O J [ J O H T V  
C B E W J T J O H P O P S B Q Q M Z J T O U H B U B T U U F N B W J D B M M S J D Q J P O T B O  
D J Q M F T N P E F M T B O E U F D I O J R V O T O B P S B T X J E F S B O H F

H F W B M V B U J O H Q S P D F T Examples of the Botanical Classification of U F S  
 preting statistical data and preparing them " D U V B S Z  
 G P S Q V C M J D B U J P O % F N P H S B Q I F S  
 I B E W J T J O H P O P S B Q Q M Z J O H B W B S B R U W J D J E B C U B D P M M F D  
 tion methods and statistical methods and Operations research analyst  
 U F D I O J R V F T B O E E F U F S N J S t a t i s t i c i a n F M J B C J M J U Z P G  
 ndings, especially in such elds as business  
 or medicine as well as in other areas of Some related occupations classi ed elsewhere:  
 V S B M T P D J B M P S M J G F T D J F O D P S N B U J P O T Z T U F N T B O B M Z T U  
 J Q S F Q B S J O H T D J F O U J m D Q B O E S Y B S B O M S B F T O P S U B O U o  
 K T V Q F S W J T J O H U I F X P S L P G B N U B B N F N U B J U D B D M B T B D U V B O U o  
 arial and statistical assistants and statistical 4 U B U J T U J D B M B T T J T U B O U o  
 clerks. " D U V B S J B M D M F S L o  
 4 U B U J T U J D B M D M F S L o

Minor Group 213  
**Life Science Professionals**

Life science professionals apply knowledge gained from research into human, animal and  
 Q M B O U M J G F B O E U I F J S J O U F S B P I O J N P F O T U X U I P I E I F M A F I M P O I F O S F X B C L E O  
 M F E H F J N Q S P W F B H S J D V M U V S B W I N B O E I F G B P S B B T U B S C Z E Q F S C P V V S  
 mental problems.

5 B T L T Q F S G P S N F E V T V B M M Z J O V B W E C H B P Q V S J F N D J O U O B M B O B M  
 E B U B U P J E F O U J G Z B O E E F W F M P Q J O H X B E V S P D F F B O E T T B O E P I  
 U P H P W F S O N F O U T P S H B O J [ B U J P O T V B O E J O B T C J N O F T E F W B M P Q U N F  
 natural resources.

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V B S U F H S P B V T O T T J m F E J O U P U I F

- 2131 Biologists, Botanists, Zoologists and Related Professionals**
- 2132 Farming, Forestry and Fisheries Advisers**
- 2133 Environmental Protection Professionals**

Unit Group 2131

**Biologists, Botanists, Zoologists and Related Professionals**

C E F T J H O J O H B O E D P O E V D U J O H F Y  
 U F T U T

(c) gathering human, animal, insect and plant specimens and data, and studying their

Biologists, botanists, zoologists and related P S J H J O E F W F M P Q N F O U D I F N J D B M  
 Q S P G F T T J P O B M T T U V E Z M O M J S O U T U P S C H I M P O S I T I O N N A T I D I B O A E D U I F J S  
 interactions with each other and with the en-S F Q S P E V D U J W F Q S P D F T T F T

W J S P O N F O U B O E B Q Q M Z E I J F Y B O P K J O H E M F W U O H T P S M I W O J O H N T V T  
 I V N B O I F B M U I B O E F O W J S P O O I F O J U B M J [ O E S F F R M J F O N T F O U J O T U S V M  
 5 I F Z X P S L J O E J W F S T F m F M H E J F T T B O E B T F D C O J U R V O Z T V D I B T F M

ology, ecology, marine biology, genetics, immu- scopes, telemetry, global positioning systems,  
 O P M P H Z Q I B S N B D P M P H Z U P O T E C H N O L O G Y I S A T E L L I T E I M A G I N G G E N E T I C E N G I -  
 C B D U F S J P M P H Z B O E W J S P M P H z e r i n g , d i g i t a l i m a g i n g a n a l y s i s , p o l y m e r a s e  
 5 B T L T J O D M V E F o D I B J O S F B D U J P O B O E D P N Q V U F S N P

- (a) undertaking research in laboratories and (b) identifying, classifying, recording and moni-  
 the eld to increase scienti c knowledge of U P S J O H M J W J O H P S H B O J T N T B O E I  
 M J W J O H P S H B O J T N T U P E J T E D C P M F S O F X J O G P S N B  
 U J P O U P U F T U I Z Q P U I F T (f) Writing scientific papers and reports detailing  
 B S F B T T V D I B T U I F F O W J S R e s e a r c h a n d a n y b e n e f i t i n g t h i n g s w h i c h s a f e t h e n  
 B O E I F B M U I B O E U P E F W F M P Q J O H B O W F X M B C P M F D U P T U I F T D J F O U J m  
 Q S P D F T T F T B O E U F D I O J R S c i e n t i c j o u r n a l s o r b a s e d o n f i e l d r e s e a r c h f o r s c r u -  
 U J D B M B H S J D V M U V S B M B O E J F O Q Z W B S P E O N F S U B I M S V E T F F C B U F

H E F T J H O J O H B O E D B S S Z J E O H T R W L E Z F J O W J S I R O N F O W B S M P O N F O U B I  
 impact assessments to identify changes commercial crop production, pasture growth,  
 D B V T F E C Z O B U V S B M P S I a n h M l O r e e d i n g U r P s o c k s a n d t h e g r o w t h  
 I Q S P W J E J O H B E W J D F U P H B W E S I O N M O U T P G P S H S O U J B U S F F T  
 tions and businesses in areas such as conser- TUVEZJOH UIF F FDUT PG DVMUJW  
 W B U J P O N B O B H F N F O U P G O s i l l s , v i r u s e s , d i s e a s e s a n d f i s h e r i e s p r a c t i c e s  
 U I F F F D U T P G D M J N B U F D I P O C H F B O N E B O M M M S R U Q P O G P S F T U S Z B O  
 (f) studying sh migration, growth, feeding and  
 T O B X O J O H B O E E F W J T J O H N F U I P E T  
 " O J N B M C F I B W J P V S J T U G F S U J M J [ J O H J O D V C B U J O H B O E I I  
 Bacteriologist (g) researching into characteristics, use capa-  
 Biochemist C J M J U Z B O E Q S P E V D U J W J U Z P G T F  
 Biologist m O E J O H T U P E F W F M P Q N F O U P G J N Q S  
 Biomedical researcher U V S B M I P S U J D V M U V S B M B O E G P S  
 Biotechnologist I E F W F M P Q J O H Q S P D F E V S F T B O E U  
 Botanist T P M W J O H B H S J D V M U V S B M Q S P C M F M  
 Cell geneticist U I F F D J F O D Z P G Q S P E V D U J P O  
 . B S J O F C J P M P H J T U (i) managing forest and sheries resources to  
 . J D S P C J P M P H J T U N B Y J N J [ F U I F J S M P O H - U F S N D P N N  
 . P M F D V M B S C J P M P H J T U S F B U J P O B M B O E F O W J S P O N F O U B M  
 . P M F D V M B S H F O F U J D J T U (j) studying the propagation and culture of forest  
 Pharmacologist U S F F T N F U I P E T G P S J N Q S P W J O H  
 Zoologist T U P D L B O E U I F F F D U T P G U I J  
 Z J F M E T

Some related occupations classi ed elsewhere: L J O W F T U J H B U J O H Q M B O O J O H B  
 & D P M P H J T U o management procedures to cope with the  
 F F D U T P G m S F T n P P E T E S P V H I U

Note  
 . F E J D B M S F T F B S D I Q S P G F T T J P O B M T X I P O B S U J D J O B U F J O C J P  
 (i) preparing scientific reports and conducting  
 N F E J D B M S F T F B S D I V T J O H M J W J O H P S H B O J I N T P B O E E P O P U  
 V O E F S U B L F D M J O J D B M Q S B D U J D F B S F D M B T T J m F E J O J P S N B U J J P O T F T T J  
 # J P M P H J T U T # P U B O J T U T ; P M F D V M B S H F O F U J D J T U ( S P V Q )  
 G F T T J P O B M T 5 I P T F X I P B M T P V O T e s a n d o t h e r g r o u p s J D B M Q S B D U J D F  
 B S F D M B T T J m F E J O . J O P S ( S P V Q ) . F E J D B M % P D U P S T

Examples of the occupations classi ed here:  
 " H S P O P N J T U  
 ' J T I F S J F T B E W J T F S  
 ' P S F T U S Z B E W J T F S  
 Forestry scientist  
 Horticultural scientist

Unit Group 2132  
**Farming, Forestry and Fisheries Advisers**

' B S N J O H G P S F T U S Z B O E m T I F S J F T M V E J O H M T M S V S T U J W E Z B O E  
 Q S P W J E F B T T J T U B O D F B O E B E W J T F S O G B S N G P S F T U S Z  
 B O E m T I F S J F T N B O B H F N F O U J O D M V E J O H D V M U J W B U J P O  
 G F S U J M J [ B U J P O I B S W F T U J O H T P J M F S P T J P O B O E D P N Q P  
 T J U J P O E J T F B T F Q S F W F O U J P O O V U S J U J P O D S P Q S P U B U J P O  
 B O E N B S L F U J O H 5 I F Z E F W U n i t G r o u p 2 1 3 2 I O J R V F T G P S J O  
 D S F B T J O H Q S P E V D U J W J U Z B O E E n v i r o n m e n t a l P r o t e c t i o n P r o f e s s i o n a l Q M B O T  
 and policies for land and sheries management.  
 5 B T L T J O D M V E F o & O W J S P O N F O U B M Q S P U F D U J P O Q S P O

(a) collecting and analysing data and samples B O E B T T F T T U I F F G G F D U T P O U I F F  
 M B U F E U P Q S P E V D F G F F E I V N F B J O M B X B U W S J U R X B T M J C U I Z B B T O B J S X B U  
 P U I F S G B D U P S T B F D U J O H M G V S J P O G R S B T M U D P P S O t h e n e s z B U J P O D M J  
 Q S P E V D U J P O w a s t e a n d d e p l e t i o n a n d d e g r a d a t i o n o f n a t u r a l  
 C B E W J T J O H P O U F D I S O F J R V S D F T G P S I F Z N E Q S M P F W J P O H Q N B O T E  
 Q S P E V D U J P O P G D S P Q T M S W E F D P D L D B O E F r s W I F B S O F E T U P S F N J O  
 B M U F S O B U J W F Q S P E V D U J P O S P U Q B S P O B N B H F U P U I F F O W J S P O N F O  
 D B E W J T J O H P O M J W F T U P D S L B L O T E J O S P M O V E B T F B T F D P O  
 U S P M P G Q F T U T B O E X F R a t e C o n d u c t i n g r e s e a r c h P a r t i c i p a t i n g i n  
 B O J N B M I V T C B O E S Z B O E G C o l l e c t i n g s a m p l e s f o r b o r n i n g f i e l d a n d

- laboratory analysis to identify sources of enG Q S P W J E J O H U F D I O J D - B M B E W J D F  
W J S P O N F O U B M Q S P C M F N T W B J O D E F T S R U D P P N S H O B J J O B U J P O T P O I P X  
X B Z T U P Q S F W F O U D P O U X S J P U M F O E W S S N O E N J F O U F B W I F O S P C M  
J N Q B D U P G T V D I Q S P C M F N T S F E V D F F O W J S P O N F O U B M E B N B H F E
- (b) assessing the likely impact that potential orm O B O D J B M M P T T  
Q S P Q P T F E B D U J W J U J F - T Q S P K F V D U M P E O O E H E F A V O F T M B W B U J P O Q M  
N F O U T N B Z I B W F P O U I F F O W J S P O N F O U B O E  
S F D P N N F O E J O H X I F U I F S Examples of the occupations classified here:  
T I P V M E Q S P D F F E " J S Q P M M V U J P O B O B M Z T U  
D E F W F M P O J O H B O E D P P S E J O B S J O H F U S I W B U J P O M F N F O U S  
U J P O P G F O W J S P O N F O U B M N S P C O B T H F I S N F B O U W P T O Z T T U D F J N F D U J T U  
to enable organizations to identify, monitor Ecologist  
B O E D P O U S P M U I F J N Q B D U & P G W U S P J O S N B O W B I W J B E W T T F S  
Q S P E V D U T B O E T F S W J D F T P O O W U F S P F O N W O S J B O M N B O E J U P S  
E D P O E V D U J O H B V E J U T U R O W W S P M O W B O U B M I D P F O T W M S B O U  
N F O U B M J N Q B D U P G F Y J T U & O W J S B O N F O U W B I M T S F O I S P S D I T D J F O  
D F T T F T X B T U F T O P J T F T B O E O W W J S P O N F O U B M T D J F O U J T U
- (e) assessing an organization's compliance with Park ranger  
H P W F S O N F O U B O E J O U F S O S B U J F I S O R W J B S M P J O U N F O U B M Z T U  
S F H V M B U J P O T B O E H V J E F M J O F T J E F O U J G Z J O H W J P M B  
tions and determining appropriate remedial some related occupations classified elsewhere:  
B D U J P O & O W J S P O N F O U B M F O H J O F F S o

Minor Group 214

Engineering Professionals (excluding Electrotechnology)

& O H J O F F S J O H Q S P G F T T J P O B M T F Y O N M B O E J O H E F A S H D B U C S J P U F F O I I O P U M F  
construction, installation and maintenance of structures, machines and their components, and  
Q S P E V D U J P O T Z T U F N T B O E Q M B O U E X B O S E L Q S I B O F Q S P E T V D U P J F O T T V  
U I B U F O H J O F F S J O H Q S P K F D U T B J S C F B Y O D E P F T S W F L F O U T B V G F F M B O O F F  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V M F O S C P M B O T O J T O Z H U E F O N E E E D T W H J O  
H J O F F S J O H Q S P K F D U T N F D I B O J D E B M S F N M J J O M H F O O F S B O L E J P T O T U  
P U I F S F O H J O F F S J O H Q S P K F D U T T T O B D O J E G Q J M O B H O B O B O I O U E F F S U C F S N U J O  
D P O T U S V D U J P O N F U I P E T T V Q F S W J T J O B U I F S B O O T H S V D U V R O O N P  
transportation systems, and the manufacture, installation, operation and maintenance of  
F R V J Q N F O U N B D I J O F T B O E Q M B O U M B S C H P B V O S J [ B J O E I B O F E E N F E M O J B M B S  
N B U F S J B M T Q M B O U B O E F R V J Q B S O W H E F W B N B U E J O D H P T W P Q B M B O  
F T U J N B U F T B T U P P M T G P S C V E P H C F U S B S S U Z J P O B O M U Q S B M C M S F N T P J M O  
W B S J P V T m F M E T P G F O H J O F F S J O S H O H I S J F V I H O P W I F H B Q Q M J D B U J  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V O B S U F H D S P B V T O T T J m F E J O U P U I F

- 2141 Industrial and Production Engineers
- 2142 Civil Engineers
- 2143 Environmental Engineers
- 2144 Mechanical Engineers
- 2145 Chemical Engineers
- 2146 Mining Engineers, Metallurgists and Related Professionals
- 2149 Engineering Professionals Not Elsewhere Classified

Unit Group 2141

Industrial and Production Engineers

construction, operation and maintenance of industrial production processes and installations.

Industrial and production engineers conduct  
S F T F B S D I B O E E F T J H O P S J H A B F O O J F T F T B O O E P W G F S U Z F U I F

- 5 B T L T J O D M V E F o C B E W J T J O H P O B O E E F T J H O J O H T U
- (a) studying functional statements, organ-bridges, dams, docks, roads, airports, rail-izational charts and project information to ways, canals, pipelines, waste-disposal and determine functions and responsibilities of flood-control systems, and industrial and workers and work units and to identify areas P U I F S M B S H F C V J M E J O H T P G E V Q M J D B U J P O (c) determining and specifying construction
- (b) establishing work measurement programmes N F U I P E T N B U F S J B M T B O E R V B B O E B O B M Z T J O H X P S L T B N O E M E J T S F U R J J E H W F M O T O S V D U J P O X P S T U B O E B S E T G P S M B C P V S (d) Establishing control systems to ensure ef-
- (c) analysing workforce utilization, facility cient functioning of structures as well as layout, operational data and production T B G F U Z B O E F O W J S P O N F O U B M Q S P U schedules and costs to determine optim(en organizing and directing maintenance and X P S L F S B O E F R V J Q N F O U F S F D F O B O J F G F Y J T U J O H D J W J M F O H J O F E E F W F M P Q J O H T Q F D J n G D B B O B M I T G P S U N I B O O V G I B D U V S F P G B O E E F U F S N J O J O H N B U F S J B M n P X T S R B O U S A n d D e s i g n i n g S t r u c t u r e s U n d e r P r e s s u r e Q J Q J O H N B U F S J B M n P X T S R B O U S A n d D e s i g n i n g S t r u c t u r e s U n d e r P r e s s u r e P G Q M B O U B O E T Z T U F N T U J P O T
- (e) organizing and managing project labour and (g) analysing the stability of structures and U I F E F M J W F S Z P G N B U F S J B M T U F O T M B O H B U C E F R F V I B O W F O W S B O E E V S B
- (f) establishing standards and policies for instal-terials used in their construction. M B U J P O N P E J m D B U J P O R V B M J U Z D P O U S P M U F T U J O H inspection and maintenance according to Examples of the occupations classi ed here: H J O F F S J O H Q S J O D J Q M F T B O E S J V G M U Z O S H J O V M S U J P O T H J O T Q F D U J O H Q M B O U U P J ( N E S P M I O J E O B M N E D J O U O F F S Q F S G P S N B O D F Structural engineer
- (h) directing the maintenance of plant build- J O H T B O E F R V J Q N F O U Some related Occupations Classified Elsewhere: S F R V J S F N F O U T G P S O F X S B W J M O F O H J O V S F S J O H B S O P K F D U N B N B J O U F O B O D F T D I F E V M F T ( F P T D J F O U J T U o J B E W J T J O H N B O B H F N F O U P F O U B O M M V S S P E U D U J P O N F U I P E T U F D I O J R V F T B O E F R V O J O N H O D H J O F F S o
- (j) liaising with materials buying, storing and 5 P X O B O E U S B D Q M B O O F S T o controlling departments to ensure a steady n P X P G T V Q Q M J F T

Examples of the occupations classi ed here: Unit Group 2143

- Industrial e ciency engineer
- Industrial engineer
- Industrial plant engineer
- Production engineer

**Environmental Engineers**

& O W J S P O N F O U B M F O H J O F F S T D P O E V D U Q S F S T U F B O D H I P B O E W J I T F P O W J S P O N E F T J H O B O E E J S F D U D P O T U S W J D T W J J O H B M E O C S I F Q B T F F E P D P O T U S V F S B U J P O B O E N B J O U F O B O D F H P I G F I S W O I M B F O C H P O F F S S B O H J W J U J F T T U S V D U V S F T P S T U V E Z B (d) Inspecting industrial and municipal facilities DBM

apply engineering principles to pollution control, recycling and waste disposal.

Some related occupations classi ed elsewhere: J N Q B D U T P G I V N B O B D U J W J U Z P O . B O V G B D U V S J O H Q S P E V D U J P O M N B J O B H F S W B S J F U Z P G F O H J O F F

Unit Group 2142

**Civil Engineers**

- 5 B T L T J O D M V E F o (a) conducting research and assessing and re- \$ J W J M F O H J O F F S T D P O E V D U Q S F S T U F B O D H I P B O E W J I T F P O W J S P O N E F T J H O B O E E J S F D U D P O T U S W J D T W J J O H B M E O C S I F Q B T F F E P D P O T U S V F S B U J P O B O E N B J O U F O B O D F H P I G F I S W O I M B F O C H P O F F S S B O H J W J U J F T T U S V D U V S F T P S T U V E Z B (d) Inspecting industrial and municipal facilities DBM
- aspects of particular materials. B O E Q S P H S B N N F T U P F W B M V B U F 5 B T L T J O D M V E F o F F D U J W F O F T T B O E F O T V S F D P N Q M B D P O E V D U J O H S F T F B S D I B W B S P O W F M O B M O S I F O V M B P U S J P O T J N Q S P W F E U I F P S J F T B O E N F U E I P T E J T H O S J F O M H B B O E B W F S T F F J O H U I F D J W J M F O H J O F F S J O H T Z T U F N T Q S P D F T T F T B O E F R V J Q N F O U



management or remediation of water, air or  
 TPJM RVBMJUZ UVSFT BOE QSPQVMTJPO TZTUFNT  
 E QSPWJEJOH FOWJSPONFOUBM BOE JDOHJOCFMS DOJH BOTET JFTR VJQNFO  
 tance in network analysis, regulatory ana- DPOUSPM BOE VUJMJ[BUJPO PG F  
 MZTJT BOE QMBOOJOHWPSUSMFWJPOXJBOHE SEFGS BCFBS BUJPO  
 EFWFMPQNFOU HFBS QVNQT BOE PUIFS NFDIBOJDB  
 (e) obtaining, updating and maintaining plans, E BEWJTJOH PO BOE EFTJHOJOH BJ  
 QFSNJUT BOE TUBOEBSE POFSSUJJOH TO SPOEFV SFFST FRVJQNFOU G  
 G QSPWJEJOH FOHJOFFSJOHXBMEM UBFDITOVDBMOTJPOO PTSZUFU FNT C  
 GPS FOWJSPONFOUBM - SFNEPEIBUTJBOEBPOEFM DPNHOP OFOUT PG S  
 tion projects, including remediation systemF BEWJTJOH PO BOE EFTJHOJOH  
 design and determination of regulatory ap- parts of apparatus or products such as word  
 QMJDBCJMJUZ processors, computers, precision instru-  
 H NPOJUPSJOH QSPHSF TNTF CUGT F DVMJFSSPQNF OEU D MIPKINDUPS  
 QSPWFNFOU QSPHSBNNFT (f) establishing control standards and pro-  
 I BEWJTJOH DPSQPSBUJPO TceBues to ensure safety of machines, machinery, tools, motors,  
 cies of procedures to follow in cleaning up safety of machines, machinery, tools, motors,  
 contaminated sites to protect people and the FOHJOFT JOEVTUSJBM QMBOU  
 FOWJSPONFOU UFNT  
 J DPM MBCPSBUJOH XJUI HOWJSPONFOHBMIBWJFQVJQNTFOU P  
 planners, hazardous waste technicians, engi- maintenance comply with design speci can-  
 neers from other disciplines and specialists intions and safety standards.  
 MBX BOE CVTJOFTT UP BEESFTT FOWJSPONFOUBM  
 problems. Examples of the occupations classi ed here:  
 "F SPOBVUJDBM FOHJOFFS

Examples of the occupations classi ed here:

- "JS QPMMVUJPO DPOUSPM FBSJJOFFS SDIJUFDU
- &OWJSPONFOUBM BOBMZTU .BSJOF FOHJOFFS
- &OWJSPONFOUBM FOHJOFFS.FDIBOJDBM FOHJOFFS
- &OWJSPONFOUBM SFNFEJBUJPO TQFDJBMJTU

Wastewater process engineer

Some related occupations classi ed elsewhere:  
 4IJQT FOHJOFFS o

Some related occupations classi ed elsewhere:

- &OWJSPONFOUBM TDJFOUJTU o
- 3BEJBUJPO QSPUFDUJPO FYQFSU o

Unit Group 2145

**Chemical Engineers**

Unit Group 2144

**Mechanical Engineers**

. FDIBOJDBM FOHJOFFST D Substances and Items Such As Crude Oil, Petroleum  
 on, design and direct production of machines, ESJWBUIJWFT GPPE BOE ESJOL QSP  
 aircraft, ships, machinery and industrial plant, S TZOUIFUJD NBUFSJBM T 5IFZ EJS  
 FRVJQNFOU BOE TZTUFNTOE SEWBUTSF P ODI B OED BEM SCNDJOU B  
 UIFJS GVODUJPOJOH NBJTUVF O B ODFE BDEW \$ F O B P J S D P I S N J D B M B  
 TUVEZ BOE BEWJTF PO N-F D tial or Industrial Products or Processes. B S  
 ticular materials, products or processes. 5BTLT JODMVEF o  
 5BTLT JODMVEF o B DPOEVDUJOH SFTFBS DI BOE BEV  
 B BEWJTJOH PO BOE EFTJ H E W F M P N O B D I H O D S P Z N B F O S E D J B M T D B M F  
 tools for manufacturing, mining, construc- DFTTFT UP SFM OF DSVEF PJM BOE  
 tion, agricultural and other industrial pur- gases, and to produce substances and items  
 QPTFT TVDI BT QFUSPMFVN EFSJWBUIJWF  
 C BEWJTJOH PO BOE EFTJ food and drink products, medicines, sym  
 combustion and other non-electric motors UIFUJD NBUFSJBM T  
 and engines used for propulsion of railwa (y) specifying chemical production methods,  
 MPDPNPUJWFT SPBE WFIJD M F U F S \$ B M J T S B S E G R I V B M S J G Z S T U B O E B S I  
 ESJWJOH JOEVTUSJBM PS PUIBS NBDZJDP O Z P S N UP TQFDJmDBU

- (c) establishing control standards and procedures to ensure safety and efficiency of chemical production operations and safety
  - Examples of the occupations classified here:
    - Chemical engineer
    - Fuel technologist
    - Plastics technologist
    - Re nery process engineer
- (e) performing tests throughout stages of proposed processes in small-scale operations such as a pilot plant.
  - Some related occupations classified elsewhere:
    - ( F P M P H J T U o
    - ( F P Q I Z T J D J T U o

Examples of the occupations classified here:

- Chemical engineer
- Fuel technologist
- Plastics technologist
- Re nery process engineer

Some related occupations classified elsewhere:  
( F P M P H J T U o  
( F P Q I Z T J D J T U o

Unit Group 2149

**Engineering Professionals Not Elsewhere Classified**

Unit Group 2146

**Mining Engineers, Metallurgists and Related Professionals**

- (a) determining the location and planning the extraction of metallic minerals, and building materials such as tallic minerals, and building materials such as
  - (b) determining the most suitable methods of machinery to be used, planning layout and
    - (c) designing, testing and coordinating the
      - (d) planning and directing storage, initial treatment and first-aid facilities, especially under-
        - (e) establishing safety standards and procedures and first-aid facilities, especially under-

5 I J T V O J U H S P V Q D P W F S T F O H J O F F  
 O P U D M B T T J G J F E F M T F X I F S F J O . J O  
 & O H J O F F S J O H 1 S P G F T T J P O B M T F Y D  
 U F D I O P M P H Z P S J O - . J O P S ( S P  
 technology Engineers. For instance, the group  
 . J O J O H F O H J O F F S T N F U B M M O S H V T E U F T B L I E T S F M B P U F E P O I S P D U S F T F B  
 G F T T J P O B M T D P O E V D U S F P T O F P S D E F W O M P E O F T O H O O F E S W O F H M O S P D I  
 B O E N B J O U B J O D P N N F S D - J B I O N S T O R E M I N I N G W O R K P L A C E S A F E T Y B I O M E D I C A L  
 X B U F S P J M P S H B T G S P N U I H F O S S J U B O C E P O E E F W O M P O J W H T  
 new alloys, ceramic and other materials, or study o T V D I D B T F T U B T L T X P V M E J O D I  
 B O E B E W J T F P O N J O J O H P S ( a ) A p p l y i n g K n o w l e d g e B i n e n g i n e e r i n g t o t h e  
 particular materials, products or processes. E F T J H O E F W F M P Q N F O U B O E F W B M  
 5 B T L T J O D M V E F o logical and health systems and products such  
 (a) determining the location and planning the as arti cial organs, prostheses and instru-  
 F Y U S B D U J P O P G D P B M - N F U B O M M U D P O S F T O P O N F  
 tallic minerals, and building materials such C E F T J H O J O H E F W J D F T V T F E J O W  
 B T T U P O F B O E H S B W F M procedures and imaging systems such as  
 (b) determining the most suitable methods of N B H O F U J D S F T P O B O D F J N B H J O H B  
 F D J F O U N J O J O H B O E F Y U S A u d i t a n d i n s u r e i n j e c t i o n s o r c o n t r o l l i n g  
 machinery to be used, planning layout and C P E Z G V O D U J P O T  
 E J S F D U J O H D P O T U S V D U J P ( c ) R e s i g n i n g C o n t r o l o f o p t i c a l I n s t r u m e n t s  
 D E F U F S N J O J O H E S J M M J o c h a s t l e r s , T m i c r o s c o p e s , F t w e s t o p e s , H  
 N F U I P E T P G D P O U S P M M J O M B U F F S T n P X Q B C D X M U E J S T D P T J M U F N T B  
 P S H B T G S P N X F M M T N F O U U I B U V U J M J [ F U I F Q S P Q F S U  
 (d) planning and directing storage, initial treat ( d ) d e s i g n i n g , t e s t i n g a n d c o o r d i n a t i n g t h e d e -  
 N F O U B O E U S B O T Q P S U B U J P W F M G Q X B E O S P P G J M Y R O S M P I B J W F P S E O  
 (e) establishing safety standards and procedures N F F U N J M J U B S Z Q S P D V S F N F O U T Q F  
 and first-aid facilities, especially under- F E F T J H O J O H B O E P W F S T F F J O H U  
 H S P V O E and operation of nuclear reactors and power

plants and nuclear fuels reprocessing and . B U F S J B M T F O H J O F F S  
 S F D M B N B U J P O T Z T U F N T Nuclear power generation engineer  
 G E F T J H O J O H B O E E F W F M P O O p t i c a l e n g i n e e r F B S F R V J Q N F O U  
 such as reactor cores, radiation shielding 2 V B O U J U Z T V S W F Z P S  
 and associated instrumentation and control Safety engineer  
 N F D I B O J T N T  
 H B T T F T T J O H E B N B H F B O E S o m e r e l a t e d o c c u p a t i o n s B i o m e d i c a l e n g i n e e r P  
 G P S N B S J O F T B M W B H F P Q F S B \* U J E P O T U S J B M B O E Q S P E V D U J P O F O H  
 I T U V E Z J O H B O E B E W J T J O H P O F O H J O F F S J O H B T Q F D U T  
 of particular manufacturing processes, such & O W J S P O N F O U B M F O H J O F F S o  
 B T U I P T F S F M B U F E U P H M 4 B V T W F Z P S B N J D T U F Y U J M F T  
 M F B U I F S Q S P E V D U T X P P E B O E Q S J O U J O H  
 (i) identifying potential hazards and introducing Note  
 T B G F U Z Q S P D F E V S F T B O E E n g i n e e r i n g  
 Examples of the occupations classified here: It should be noted that, while they are appropriately  
 Biomedical engineer classified in this unit group with other engineering pro-  
 & Y Q M P T J W F P S E O B O D F F O H J O F F S fessionals, biomedical engineers are considered to be an  
 . B S J O F T B M W B H F F O H J O F F S integral part of the health workforce alongside those oc-  
 . B S J O F T B M W B H F F O H J O F F S sionals, and others classified in a number of other unit  
 . B S J O F T B M W B H F F O H J O F F S . B K P S ( S P V Q 1 S P G F T T J P O B M T

Minor Group 215  
**Electrotechnology Engineers**

& M F D U S P U F D I O P M P H Z F O H J O F F S T D P E E V O M J B S F B O E S E U S P F O D U B Q U E I F E  
 construction and operation of electronic, electrical and telecommunications systems, components,  
 N P U P S T B O E F R V J Q N F O U 5 I F Z P S H B D J U P N O O J I U P S B O M F J Q I F S O P O S  
 mance and safety of electrical and electronic assemblies and systems.  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M V H F P O D B O E E V D J S J F O H U S O H F U B I S F D N E  
 U F O B O D F B O E S F Q B J S P G F M F D U S J D B M Q S F M E V D U S T P B O D E B O E U F N F  
 B E W J T J O H P O B O E E F T J H O J O H Q P X B S F T U B S B P O T T N B W E B O Z E T U E J N T U S  
 F M F D U S J D B M Q P X F S F T U B C M J T I J O P S N B O D S P M O E U T B O C E F U S Z E T P G P F  
 U S J D B M F M F D U S P O J D B O E U F M F D P N N V O J D B U J P O T T Z T U F N T B O  
 O D D V O B U J P O T J O U I J T N J O P S H S P H V Q B S U F H S M P V T O T T J m F E J O U P U I F  
**2151 Electrical Engineers**  
**2152 Electronics Engineers**  
**2153 Telecommunications Engineers**

Unit Group 2151 D B E W J T J O H P O B O E E F T J H O J O H T  
**Electrical Engineers** t r i c a l m o t o r s , e l e c t r i c a l t r a c t i o n a n d o t h e r  
 F R V J Q N F O U P S F M F D U S J D B M E P N F  
 & M F D U S J D B M F O H J O F F S T D ( e ) S p e c i f y i n g e l e c t r i c a l i n s t a l l a t i o n a n d a p p l i  
 on, design and direct the construction and operation in industrial and other buildings and  
 ation of electrical systems, components, motors P C K F D U T  
 B O E F R V J Q N F O U B O E B E W J T J O H P O B O E E F T J H O J O H T  
 functioning, maintenance and repair, or study cedures to monitor performance and safety  
 B O E B E W J T J O H P O U F D I O P M P H Z F O H J O F F S T  
 engineering materials, products and processes. U F N T N P U P S T B O E F R V J Q N F O U  
 5 B T L T J O D M V E F o ( f ) d e t e r m i n i n g m a n u f a c t u r i n g m e t h o d s f o r  
 B B E W J T J O H P O B O E E l e c t r i c a l s y s t e m s , a s w e l l a s m a i n t e n a n c e P O T  
 and systems which generate, transmit and B O E S F Q B J S P G F Y J T U J O H F M F D U  
 E J T U S J C V U F F M F D U S J D B M Q P X P S T B O E F R V J Q N F O U  
 C T V Q F S W J T J O H D P O U S P M M J O H B O E N P O J U P S J O H U I F  
 operation of electrical generation, transmission and distribution  
 T J P O B O E E J T U S J C V U J P O T Z T U F N T  
 Examples of the occupations classified here:  
 Electrical engineer

Electric power generation engineer  
Electromechanical engineer

Electronics engineer  
Instrumentation engineer

Some related occupations classified elsewhere: Some related occupations classified elsewhere:

/ V D M F B S Q P X F S H F O F S B U J P O F M F D P N N V O J D B U J P O T F O H J O F F S  
& M F D U S P O J D T F O H J O F F S o  
# S P B E D B T U F O H J O F F S o  
5 F M F D P N N V O J D B U J P O T F O H J O F F S o

Unit Group 2153

**Telecommunications Engineers**

Unit Group 2152

**Electronics Engineers**

Electronics engineers conduct research on, design and direct the construction, functioning, maintenance and repair of electronic systems, and engineering materials, products or processes.

5 F M F D P N N V O J D B U J P O T F O H J O F F S T D P  
B O E B E W J T F P O E F T J H O B O E E J S  
tion, functioning, maintenance and repair of tel-  
F M F D P N N V O J D B U J P O T Z T U F N T B O E F  
U V E Z B O E B E W J T F P O U F D I O P M P H J  
telecommunication engineering materials, prod-  
B O E B E W J T F P O U F D I O P M P H J D P R O C E S S E S Q F D U T P G F M F D U S P O J D  
5 B T L T J O D M V E F o B E W J T J O H P O B O E E F T J H O J O H U

(a) specifying production or installation methods, and directing production or installation work

(b) specifying production or installation methods, and directing production or installation work

(c) establishing control standards and procedures to ensure efficient functioning and safety of

(c) establishing control standards and procedures to ensure efficient functioning and safety of

(d) organizing and directing maintenance and repair of

(d) organizing and directing maintenance and repair of

(e) designing electronic circuits and components for use in fields such as aerospace guidance and propulsion control, acoustics, or instru-

(e) designing electronic circuits and components for use in fields such as aerospace guidance and propulsion control, acoustics, or instru-

appropriate choice of hardware and software for electronic components, circuits and systems.

Examples of the occupations classified here:  
Broadcast engineer  
5 F M F D P N N V O J D B U J P O T F O H J O F F S  
I E F W F M P Q J O H B Q Q B S B U V T 5 F M F D P N N V O J D B U J P O T F O H J O F F S J  
technologist

Examples of the occupations classified here: Some related occupations classified elsewhere:

Computer hardware engineer & M F D U S P O J D T F O H J O F F S o

Minor Group 216

**Architects, Planners, Surveyors and Designers**

" S D I J U F D U T Q M B O O F S T T V S W F Z P B S O T E B O E Q E F T T J K O F S T E J O M B O Y B O  
B O E J O U F S J P S T Q S P E V D U T G P S N T B O B M G B D P U O U S F F O U B G P S W U J I T F V B R N B  
D B U J P O P G J O G P S N B U J P O 5 I F Z D P W J E P V O D U H F T P V H S S V B O Z J X B S I L G U B U O

EFTJHO QSFQBSF BOE SFWJTF NBCTB BOE EQ IE MW B MFPTQ GEPOSE DJANQUMS  
the use of land.

5BTLT QFSGPSNFE VTVBMMZ JODM VEPFO TEJUBESUNJTO P GHU UA FE P CKFO  
CZ DPOTVMUJOH XJUI DMJFOUT B O E D F Q B I F B O M E C N S B O T G P S B U M  
NPOJ[F BFTUIFUJD DPOTJEFSBUJP MTPXJUB NFBDOEJQSBMEVQVOPDJSP  
NFOUT QSFQBSJOH TLFUDIFT EJBOMSBOT NBMVTVTDISBSUJTPOTBN  
BOE NPEFMT UP DPNNVOJDBUF EFTJHOB O P M D F Q U H T C I O P E U P H U S B S I J  
TBUFM MJUF JNBHFSZ TVSWFZ O P S V N F O U E T T B U B E J E B U B T N B  
UBLJOH SFTFBSDI BOE BOBMZTJODV M V O V S B M P O B B I G F T U Z B U F J O W J S P  
BOE BFTUIFUJD SFRVJSFNFOUT

ODDVQBUJPOT JO UIJT NJOPS HSPHV QV B.SUF HD \$MPB/TOTTJ mFE JOUP UIF

- 2161 Building Architects**
- 2162 Landscape Architects**
- 2163 Product and Garment Designers**
- 2164 Town and Traffic Planners**
- 2165 Cartographers and Surveyors**
- 2166 Graphic and Multimedia Designers**

Unit Group 2161

Examples of the occupations classied here:

**Building Architects**

- Building architect
- Interior architect

Building architects design commercial, industrial, institutional, residential and recreational buildings and plan and monitor their construction, maintenance and rehabilitation.

Some related occupations classied elsewhere:

- BOETDBQF BSDIJUFDU o
- \* OUF SJPS EFDPSBUPS o
- \* OUF SJPS EFTJHOF S o

5BTLT JODMVEF o  
B EFWFMPQJOH OFX PS JNQSPWFE BSDIJUFDUVSBM  
UIFPSJFT BOE NFUIPET

(b) inspecting sites and consulting clients, management and other stakeholders to determine type, style and size of proposed buildings

Unit Group 2162

**Landscape Architects**

BOE BMUFSBUJPOT UP FYLandscape Architects plan and design landscapes and open spaces for projects such as parks, NBUFSJBMT BOE FTUJNBUFFI E P V M E J O H T W J U N V U J P O T S P B E T B O

(d) preparing project documentation, including sketches and scale drawings, and integrating structural, mechanical and aesthetic elements

JO m O B M E F T J H O T 5 B T L T J O D M V E F o

(e) writing specifications and contract documents for use by builders and calling tenders  
B EFWFMPQJOH OFX PS JNQSPWF I  
NFUIPET BOE QSPWJEJOH BEWJDF I  
P O C F I B M G P G D M J F O U T M B U F E U P M B O E T D B Q F B S D I J U F D U V

(f) making necessary contacts to ensure feasibility of projects regarding style, cost, timing and other stakeholders to determine type, style and size of proposed buildings,

BOE DPNQMJBODF XJUI SFH B S E J O (g) identifying and finding best solutions for QBSLT SPBET BOE PUIFS PQFO T  
Q S P C M F N T S F H B S E J O (h) compiling data and analysis of land use and  
P G J O U F S J P S F O W J S P O N I T Y D A T A A B O U T G E O G R A P H I C A L A N D E C O L O G I C A L B O E  
making necessary designs, drawings and G F B U V S F T M B O E G P S N T T P J M T  
Q M B O T I Z E S P M P H Z W J T V B M D I B S B D U F S J T U

(h) monitoring construction or rehabilitation made structures, to formulate land use and work to ensure compliance with specifications  
U J P O T B O E R V B M J U Z T U B O E B S V E J F T B O E F O W J S P O N F O U B M J N Q

(i) maintaining technical liaison and consulting (d) preparing reports, strategic plans, site plans, working drawings, specifications and cost

U B O D Z X J U I P U I F S S F M F W B O U K I N G O F D R W I N G S M P C I F I C A T I O N S A N D C O S T

- FTUJNBUFT GPS MBOE EFWFMP QTVOCUS WTJTPXO D HU MFP DS F O B S B U J P O  
tion and details of proposals, including ground grammes and tooling, and of the manufac-  
NPEFMMJOH TUSVDUVSFT tWingProcess. JPO BOE BDDFTT
- (e) writing specifications and contract docu-  
NFOUT GPS VTF CZ CVJ Examples of the occupations classied here:  
neering contractors and calling tenders on Costume designer  
CFIBMG PG DMJFOUT Fashion designer
  - (f) making necessary contacts to ensure feasi- Industrial designer  
bility of projects regarding style, cost, timing Jewellery designer  
BOE DPNQMJBODF XJUI SFHVMBUJJPOT
  - (g) identifying and finding best solutions for Some related occupations classied elsewhere:  
QSPCMFNT SFHBSEJOH GVODUJPO BOE RVBMJUJZ PG  
FYUFSJPS FOWJSPONFOUT BOE NBEJJOH BSDIJUFDU O  
EFTJHOT ESBXJOHT BOE QMBOUFSJPS EFTJHOFS o
  - (h) monitoring construction or rehabilitation  
work to ensure compliance with speci ca-  
UJJPOT BOE RVBMJUJZ TUBOEBSSET
  - (i) maintaining technical liaison and consu Unit Group 2164  
UBODZ XJUI PUIFS SFMFVBOU TOFDJBMJTUT

**Town and Traffic Planners**

Example of the occupations classied here: 5PXO BOE USB D QMBOOFST EFWFMPQ  
Landscape architect plans and policies for the controlled use of urban

Some related occupations classied elsewhere: EVDU SFTFBSDI BOE QSPWJEF BEW  
#VJMEJOH BSDIJUFDU o FOWJSPONFOUBM BOE TPDJBM GBDU  
6SCBO QMBOOFS o VTF BOE USB D nPXT  
5BTLT JODMVEF o

Unit Group 2163

**Product and Garment Designers**

- Product and garment designers design and de- B FDUJOH MBOE VTF  
WFMPQ QSPEVDUT GPS NBOV G BDUVGSF S BOE H Q S F O B S B U J P O  
designs and speci cations of products for mass communities and specialists in elds such as  
CBUDI BOE POF P QSPEVDUJBO architecture, planning, social science, the en-  
5BTLT JODMVEF o WJSPONFOU BOE UIF MBX  
B EFUFSNJOJOH UIF PCEK F P W W T J O H B O E D S P O T N S B O E J O H V  
of the design brief by consulting with clients P Q N F O U P G M B O E B O E Q S F T F O U J O H
- (b) formulating design concepts for clothing, HSPVQT BOE JOEJWJEVBMT  
UFYUJMFT JOEVTUSJBM F D P N N V S P J O M H P O V F B O A F O U T D P N  
TVNFS QSPEVDUT BOE KFXEMMESZ communities on urban and regional planning
  - (c) harmonizing aesthetic considerations with JTTVFT BOE QSPQPTBMT  
technical, functional, ecological and produc- G SFWJFXJOH BOE FWBMVBUIJOH  
UJPO SFRVJSFNFOUT JNQBDU SFQPSUT
  - (d) preparing sketches, diagrams, illustrations H QMBOOJOH BOE DPPSEJOBUIJOH UI  
plans, samples and models to communicate land areas for parks, schools, institutions, air-  
EFTJHO DPODFQUT ports, roadways and related projects, and for
  - (e) negotiating design solutions with clients, man- DPNNFSDJBM JOEVTUSJBM BOE SFT  
BHFNFOU BOE TBMFT BOE N O B V G B D U V S F B O E H B E W P T J O H P O S P V U
  - (f) selecting, specifying and recommending of road tra c and public transportation sys-  
functional and aesthetic materials, produc- tems for e ciency and safety.  
UJPO NFUIPET BOE mOJTIFT GPS NBOVGBDUVSF
  - (g) detailing and documenting the selectio Examples of the occupations classied here:  
EFTJHO GPS QSPEVDUJPO Land planner
  - (h) preparing and commissioning prototypes 5SB D QMBOOFS  
BOE TBNQMFT Urban planner

Some related occupations classied elsewhere Unit Group 2166

- # V J M E J O H B S D I J U F D U o **Graphic and Multimedia Designers**
- B O E T D B Q F B S D I J U F D U o

Unit Group 2165

**Cartographers and Surveyors**

\$ B S U P H S B Q I F S T B O E T V S W F Z P S Q S F Q B S F B O E Q J D U P S J B M N B Q T

Q P T J U J P O P G P S Q S F Q B S F B O E Q J D U P S J B M N B Q T

BOE QJDUPSJBM NBQT

resentation of, natural and constructed features of the design brief by consulting with clients and boundaries of land, seas, underground areas and celestial bodies, applying scientific and mathematical principles.

- (a) undertaking research and analysing functional surfaces, mines, underground surfaces and preparing sketches, diagrams, illustrations
- (b) preparing sketches, diagrams, illustrations
- (c) making charts and maps to be used in determining
- (d) illustrating a process, using computer animation

(c) making charts and maps to be used in determining

N J O J O H O B W J H B C M F X B U F Q M B O O J O H D P O T U S V D U J P O

(d) planning and conducting aerial photographic charts using aerial and other photographs, selecting, specifying and testing

T V S W F Z T F E F T J H O J O H D P N Q J M T B U F M M J U F J N B H F S E B U B F Y J T U J O H N B Q T B O E T U B U J T U J D T

G V O E F S U B L J O H S F T F T V S W F Z J O H B O E Q I P U P H S J O G P S N B U J P O T Z T U F N T

H T U V E Z J O H B O E B E W J T J O H P O U F D I O J D B M B F T U I F U J D B O E F D P O P N J D B T Q F D U T

(h) maintaining technical liaison and consulting

U B O D Z X J U I P U I F S S F M F W B O C M T E R I A D R I S M J T U T

Examples of the occupations classied here:

- " F S J B M T V S W F Z P S
- \$ B E B T U S B M T V S W F Z P S
- Cartographer
- ) Z E S P H S B Q I J D T V S W F Z P S
- B O E T V S W F Z P S
- . J O F T V S W F Z P S
- Photogrammetrist

- Computer games designer
- % J H J U B M B S U J T U
- ( S B Q I J D E F T J H O F S
- Illustrator
- . V M U J N F E J B E F T J H O F S
- Publication designer
- Website designer

Some related occupations classied elsewhere:

- 2 V B O U J U Z T V S W F Z P S o
- # V J M E J O H T V S W F Z P S o
- . B S J O F T V S W F Z P S o

- Some related occupations classied elsewhere:
- \* O U F S J P S B S D I J U F D U o
- . V M U J N F E J B E F W F M P Q F S o
- 8 F C E F W F M P Q F S o
- 7 J T V B M B S U J T U o
- \* O U F S J P S E F T J H O F S o

Sub-major Group 22

Health Professionals

) F B M U I Q S P G F T T J P O B M T D P O E V D U O S L F T F B J S D P S J J A N T Q S D W F P Q S S B F U W N F U I P E T B O E B Q Q M Z T D J F O U J m S T L O O P X M F F C E U H J T U S S F Z M B W F J W D F S J medicine, pharmacy, and promotion of health. Competent performance in most occupations J O U I J T T V C N B K P S H S P V Q S F R V J N S F M F T W B M M T B U U I F G P V S U I \* 5 B T L T Q F S G P S N F E C Z X P S L F S T J O M E J T T D V P C O E N V B D K U P J S O H I S P F V T O F B / S T D and obtaining scientific knowledge through the study of human and animal disorders and ill- O F T T F T B O E X B Z T P G U S F B U J O H O W I J F W F B E E W D T V S C H J W O F N S B B O P S Q S P N P U J O H I F B M U I Q S F Q B S Q D S I W T D J P O U P O D P W I B F C S F S P S may be included.

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T J T m F E J O U

- 221 Medical Doctors
- 222 Nursing and Midwifery Professionals
- 223 Traditional and Complementary Medicine Professionals
- 224 Paramedical Practitioners
- 225 Veterinarians
- 226 Other Health Professionals

Note

In using ISCO in applications that seek to identify, describe or measure the health workforce, it should be noted that a number of professions considered to be a part of the health workforce are classified in H S P V Q T P U I F S U I B O 4 V C N B K P S ( S P I V Q P D D V Q F B B U M P I O T S P C O D T M T V P E O B O M T U B S D S F T U S J D U F E U P B E E J D U J P O T D P V J O T J D N B M P S T Z D Q P R M N P F E J J T D B T M B I O E H N O E F S B M D C M Z

Minor Group 221

Medical Doctors

. F E J D B M E P D U P S T Q I Z T J D J B O T T U J M E X I O E J B H C E P J T F F B T U F S F B J W K B V O S other physical and mental impairments in humans through the application of the principles B O E Q S P D F E V S F T P G N P E F S O N F E J D M O V F B U B I B Z F Q J N I B O M F N V Q B S W J J P G D B S F B O E U S F B U N F O U Q M B O T C Z P P O U E I V D U I F N B M E W J I D B B M S F F E O V S D B B O E S F T F B S D I B D U J W J U J F T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V C E T P O P O E M D F U O D T H K O Z E T J D B W J F X J O H U I F N B O E U I F J S G B N J T M J P S E F U S P J C E F U E J S N O P F U U D F W B O E B O B M Z T J O H m O E J O H T Q S F T D S S J F C B J L O N H F O W T E B O E N J O S F W F S J U O J N F B T V S F T Q F S G P S N J O H T V S H F S Z I U B S E O R U Q B S J D O M U J T O J O S P M H S B O E S F T Q P O T F U P U S F B U N F O U G B E W Z I M J O E F P B W U P P V M S W I X I O D Q S F W F O U J P O P S U S F B U N F O U P G O J E T A N B T O F B B D O E H E D P A N S O E M F S D T B U J I P C F G P S F E V S J O H B O E B G U F S D I J M I E N C F J S W J I O H Q S M F E G O S S B M Q N M B C Q B U J F O U T J O O F F E P G T Q F D J B M J E M E U I N D B C H U F S M V J P D S F P U I F F Y S D U B N F E J D B M J O G P S N B U J P O X J U I P U I F S O U F J B O W U O H O S B P O G E F T D T P I R Q B M I F O U T P D B S F S F Q P S U J O H C J S U I T E F B N H O U B D V E U I Q P S U U A F B T C M D P C E E J V T D F U S F T F B S D I J O U P I V N B O E J T P S E F S V S B O E W F M N F W H F P E F T B O E Q S F

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S M P B / T O T T J m F E J O U P U I F

- 2211 Generalist Medical Practitioners
- 2212 Specialist Medical Practitioners



Unit Group 2211

Generalist Medical Practitioners

. F E J D B M P D F S H F O F S B M

Physician (general)

Primary health care physician

( F O F S B M J T U N F E J D B M Q S B Residant Medical Officer specializing in family and primary care doctors) diagnose, treat general practice

BOE Q S F W F O U J M M O F T T E J T F B T F J O K V S Z B O E P U I F S physical and mental impairments and maintain Some related occupations classied elsewhere:

general health in humans through application of 1 T Z D I J B U S J T U o the principles and procedures of modern medi- 4 Q F D J B M J T U Q I Z T J D J B O o

D J O F 5 I F Z E P O P U M J N J U U I F 4 Y S O F B O U 9 D F U P D F S U B J O disease categories or methods of treatment, and \$ M J O J D B M P D F S Q B S B N F E J D B M

N B Z B T T V N F S F T Q P O T J C J M J U F M E T P S F S U I F Q S P W J T J P O P G D P O U J O V J O H B O E D P N Q S F I F O T J W F N F E J D B M D B S F U P

J O E J W J E V B M T G B N J M J F T B O E D P N N V O J U J F T J O U I J T V O J U H S P 5 B T L T J O D M V E F o U J P O P G B V O J W F S T J U Z M F W F M E F H S F F J

B D P O E V D U J O H Q I Z T J D B M F Y B N J O B U J O H N C E Z T J D B M F Y B N J O B U J O H clinical training in general medicine without any area

BOE J O U F S W J F X J O H U I F N G B O E P U I F J U S O G B O F S M B S F N B O F F E J D B M J O E F U F S N J O F U I F J S I F B M U I T U B U V T D P N Q M F U F E U I F J S V O J W F S T J U Z F

(b) ordering laboratory tests, X-rays and other medical education and are undertaking postgraduate agnostic procedures and analysing findings clinical training in general medicine without any area

E F U F S N J O F U I F O B U V S F P G E T O E D B M I B U J P O B S F J O D M V E F E I F S F D Q S P W J E J O H D P O U J O V J O H N F E J D B M D B S F G P S O B

tients including prescribing, administering be considered as medical specializations, these occupa- tions should always be classied here.

D P V O T F M M J O H P O B O E N P O J U P S J O H D V S B U J W F U S F B U N F O U T B O E Q S F W F O U J W F N F B T V S F T

(d) performing surgery and other clinical pro-

Unit Group 2212

Specialist Medical Practitioners

F B E W J T J O H J O E J W J E V B T B O E D P N N V O J ties on health, nutrition and lifestyle which

B J E Q S F W F O U J P O P S U S S P E C I A L I S T M E D I C A L P R A C T I T I O N E R S ( M E D I C A L E J T P S E F S T U P S T E J B H O P T F U S F B U B O E Q S F W F O

G Q S P W J E J O H S F G F S S B M i n j u r y a n d o t h e r p h y s i c a l a n d o r i e n t a l i n j u r y J F T for specialized care in hospitals, rehabilitations in humans, using specialized testing and

itation centres or other types of health care diagnostic, medical, surgical, physical and psy- D F O U S F T D I J B U S J D U F D I O J R V F T U I S P V H I B Q Q

H J E F O U J G Z J O H N B O B H p r i n c i p l e s a n d p r o c e d u r e s o f m o d e r n m e d i c i n e. rals for complications before, during and I F Z T Q F D J B M J [ F J O D F S U B J O

B G U F S D I J M E C J S U I types of patient or methods of treatment and

(h) recording patients' medical information and may conduct medical education and research in I J T U P S Z B O E F Y D I B O H J O H N C E Z T J D B M F Y B N J O B U J

specialist practitioners and other health 5 B T L T J O D M V E F o X P S L F S T B T S F R V J S F E G P S B D P O E V D U J O H N C E Z T J D B M F Y B N J O B U J

D B S F B O E J O U F S W J F X J O H U I F N B O E U I F J (i) reporting births, deaths and notable dis- E F U F S N J O F U I F J S I F B M U I T U B U V T

F B T F T U P H P W F S O N F O U B V C I P S P U I F J E U S J O H F N F M J F D B M J O G P S N B U B O E Q S P G F T T J P O B M S F R V J S F E F R O D J O

(j) conducting research in human health and W J E F S N F E J D B M T F S W J D F T B O E (c) E x a m i n i n g s p e c i a l i z e d d i a g n o s t i c t e s t s t o d e t e r

J O H T T V D I B T U I S P V H I T D N F J O U F J U D F S O F O U P S U F T P G E J T P S E F S T (k) planning and participating in programmes (s) prescribing, administering and monitoring

E F T J H O F E U P Q S F W F O U U a t i e n t r e s p o n s e s t o t r e a t m e n t o f m e d i c a - spread of common diseases. tions, anaesthetics, psychotherapies, physical

rehabilitation programmes and other pre- W F O U J W F B O E D V S B U J W F N F B T V S F T Examples of the occupations classied here: % J T U S J D U N F E J D B M E P D (e) P e r f o r m i n g s u r g e r y o f a g e n e r a l o r s p e c i a -

Family medical practitioner J [ F E O B U V S F ( F O F S B M Q S B D U J U J P O F S (f) m a n a g i n g c o m p l i c a t i o n s b e f o r e , d u r i n g a n d . F E J D B M E P D U P S H F O F S B M G U F S D I J M E C J S U I

- (g) recording patients medical information and Radiologist  
FYDIBOHJOH JOGPSNBUJPO Resident medical officer specialist  
QSPGFTTJPOBMT UP FOTVSF training QSPWJTJPO PG DPN  
QSFIFOTJWF DBSF Specialist medical practitioner (public health)
- (h) reporting births, deaths and notable dis- Specialist Physician (Internal Medicine)  
FBTFT UP HPWFSONFOU BVUI Specialist Physician (nuclear medicine)  
BOE QSPGFTTJPOBM SFRVJS Specialist Physician (nuclear medicine)  
J QSPWJEJOH JOGPSNBUJPO Surgeon QBUJFOUT BOE GBN  
JMJFT BOE DPNNVOJUJFT BCPVU QSFWFOUJWF NFBT  
VSFT USFBUNFOU BOE D Some related to occupations classed here: T
- (j) performing autopsies to determine cause of # JPNFEJDBM SFTFBSDFS o  
EFBUI (FOFSBM QSDUJUJPOFS o
- (k) conducting research into speci c human dis- Resident medical officer specializing in  
PSEFST BOE JMMOFTTFT B OEO QSSBFW QCB DW FDP So DVS B  
UJWF NFUIPET BOE EJTTFN % DBWBHQ SB B U m W J P D C F S To  
TVDI BT UISPVHI TDJFOUJ m D % \$ FOQBSM TTVSHFPO o
- (l) planning and participating in programmes OSBM BOE NBYJMMMPGBDJBM TVSH  
EFTJHOFE UP QSFWFOU UISMBO DDVBSM FOOTZ DIBN OEHJTU o  
spread of speci c diseases.

Examples of the occupations classed here:

- " O B F T U I F U J T U
- Cardiologist
- Emergency medicine specialist  
( Z O B F D P M P H J T U
- Obstetrician
- Ophthalmologist
- Paediatrician
- Pathologist  
1 S F W F O U J W F N F E J D J O F
- Psychiatrist
- Radiation oncologist

Notes

ODDVQBUJPOT JODMVEFE JO UIJT VOJU HSP  
UJPO PG B VOJWFSTJUZ MFWFM EFHSFF J  
cation plus postgraduate clinical training in a medical  
TQFDJBMJ [BUJPO FYDFQU HFOFSBM C  
Resident medical officers and interns training as spe-  
DJBMJTU QSDUJUJPOFST FYDFQU HFOFSBM  
IFSF " MUIPVHI JO TPNF DPVOUSJFT ITUPN  
considered as a medical specialization, stomatologists  
TIPVME CF JODMVEFE JO 6OJU (SPVQ  
. FEJDBM SFTFBSDI QSPGFTTJPOBMT XIF  
C JPNFEJDBM SFTFBSDI VTJOH MJW  
not undertake clinical practice are classified in Unit  
(SPVQ #JPMPHJTUT #PUBOJTUT ;PPMF  
Professionals.

Minor Group 222

**Nursing and Midwifery Professionals**

/VSTJOH BOE NJEXJGFSZ QSPGFTTJPOBMT JDE \$ P Q P J E F Q B B D M U F N F X  
are physically or mentally ill, disabled or in rm, and others in need of care due to potential  
SJTTLT UP IFBMUI JODMVEJOH C F G I F S Z F B T E T V S N D H S F B T O E P B G J U C J S M D U J  
UIF QMBOOJOH NBOBHFNFOU BOE F W O B D M V B E U J J P H U P I G F U M F Q D S V S B T  
of other health care workers, working autonomously or in teams with medical doctors and  
PUIFST JO UIF QSDUJDBM BQQMNJFBT U J S P F O T P G Q S F W F O U J W F B O  
5BTTLT QFSGPSNFE VTVBMMZ JODMV B D E B F W F B T M V O H J O H M B O O V O S J  
and midwifery care for patients according to the practice and standards of modern nursing  
BOE NJEXJGFSZ DPPSEJOBUIJOH UO F X D B S F P U I G F S Q B B B M O U J T Q J S Q G D  
TJPOBMT BOE NFNCFST PG IFBMUI H F B B S F E Q F M V F O M T P Q U S F B B O E C  
BOE UIFSBJFT JODMVEJOH BENJ O B J O E U F B S M O H F W N J F B E U D O B H J O B D J O  
EJTDPNGPSU FYQFSJFODFE CZ Q B J U O J F M V E J O V H J U O H B T F W B S J O  
LJMMJOH ESVHT NPOJUPSJOH Q B Q U S J F D S I F T T I F B G M W I S D P O B J O U J  
SFTQOPOTFT UP DVSBUJWF USFBUN D O U T G B R W M B J F O H B D O E G D B N B V  
OJUJFT BCPVU B SBOHF PG I F B M M I O F J T T T V B \$ F B J U O D O W E B J O E H  
QSFHOBODZ BOE DIJMECJSUI BOEE P O B E U S O U H P O U J D T X P T S V Q P S W P J U T  
IFBMUI DBSF XPSLFST DPOEVDUJOSH Z S Q F S T B B S D D F P B O C E V Q S F O H B S B J  
scientific papers and reports.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

**2221 Nursing Professionals**

**2222 Midwifery Professionals**

Note

5 I F E J T U J O D U J P O T C F U X F F O O V S E T J B O T H P B O E U N J C E X P J G G F T T Z J P O S P M G F F T I P J V P O E  
made on the basis of the nature of the work performed in relation to the tasks speci ed in this de nition  
B O E J O U I F S F M F W B O U V O J U H S P M C E E Z m J O J E U J V P D E T V B M I T F R S V B J M B J U n O E S U F E P O N T O I  
the country are not the main factor in making this distinction, as training arrangements for nurses and  
N J E X J W F T W B S Z X J E F M Z C F U X F F O F D X P J W O J O S J D F T V B O S E J H B W F W B S J F E P W F S

Unit Group 2221

Examples of the occupations classi ed here:

**Nursing Professionals**

Clinical nurse consultant

% J T U S J D U O V S T F

/ V S T J O H Q S P G F T T J P O B M T Q S P W J E J O H J O E J W J E V B M T P S U I B U Q S F E P N J O B U F J C  
B O E D B S F T F S W J D F T G P S Q U I F S B O F T T J P O B M D B S F M F W B O U V O J U H S P M C E E Z m J O J E U J V P D E T V B M I T F R S V B J M B J U n O E S U F E P O N T O I  
O V S T J O H D B S F E V F U P U I F F N J E X J W F T W B S Z X J E F M Z C F U X F F O F D X P J W O J O S J D F T V B O S E J H B W F W B S J F E P W F S  
illness or other physical or mental impairment, Operating theatre nurse  
P S Q P U F O U J B M S J T L T U P - I F B M P R O F E S S I O N A L N U R S E T T V N F S F T Q P O  
sibility for the planning and management of the Public health nurse  
D B S F P G Q B U J F O U T J O D M V E F o S P E C I A L I S T N U R S E T V Q F S W J T J P O P G  
other health care workers, working autonomously  
or in teams with medical doctors and other same related occupations classi ed elsewhere:

U I F Q S B D U J D B M B Q Q M J D B U J P O 1 S P G C F T W F O B J M W N F J B X J E G I D V o S B  
U J W F N F B T V S F T 1 B S B N F E J D B M Q S B D U J U J P O F S o  
5 B T L T J O D M V E F o 6 O J W F S T J U Z M F D U V S F S o  
B Q M B O O J O H Q S P W J E J O H 7 B O E U J W B M M F U V O B U O V S T U I O B D I F

care for patients according to the practice " T T P D J B U F Q S P G F T T J P O B M O V S T F  
B O E T U B O E B S E T P G N P E F S O O V S P D O H B U F Q S P G F T T J P O B M N J E X J

(b) coordinating the care of patients in consult- / V S T J O H B J E F D M J O J D P S I P T Q  
ation with other health professionals and  
N F N C F S T P G I F B M U I U F B M U I

D E F W F M P Q J O H B O E J N O I M F E N F O U J O H P O D B S F X F M B O S T G P T J P O E  
the biological, social and psychological treat- professional nurses should be made on the basis of the  
ment of patients in collaboration with other nature of the work performed in relation to the tasks  
I F B M U I Q S P G F T T J P O B M T I Q F D J m F E J O U I J T E F m O J U J P O 5 I F R V B M  
E Q M B O O J O H B O E Q S P W J E J O H J O E J W J E V B M T P S U I B U Q S F E P N J O B U F J C  
ments and therapies including administering the main factor in making this distinction, as training  
medications, and monitoring responses to S S B O H F N F O U T G P S O V S T F T W B S Z X J E F M Z  
U S F B U N F O U P S D B S F Q M B O U N U R S E S W H O C O M B I N E N U R S I N G E D U C A T I O N O R R E S E A R C H

(e) cleaning wounds and applying surgical dress- with clinical nursing practice are classified in Unit  
J O H T B O E C B O E B H F T ( S P V Q / V S T J O H 1 S P G F T T J P O B M T / V S T  
G N P O J U P S J O H Q B J O - B O E E J T U J O D U J P O T C F U X F F O O V S E T J B O T H P B O E U N J C E X P J G G F T T Z J P O S P M G F F T I P J V P O E  
F O D F E C Z Q B U J F O U T B O E g a n i s m s a n d d o n o t u n d e r t a k e c l i n i c a l n u r s i n g p r a c t i c e  
B W B S J F U Z P G U I F S B O J F T D M P T T J P O B M D B S F M F W B O U V O J U H S P M C E E Z m J O J E U J V P D E T V B M I T F R S V B J M B J U n O E S U F E P O N T O I # J P M  
Q B J O L J M M J O H E S V H T Z o o l o g i s t s a n d R e l a t e d P r o f e s s i o n a l s . U I F V I F P G

(g) planning and participating in health edu-  
cation programmes, health promotion and  
O V S T F F E V D B U J P O B D U J U n I T G r o u p 2 2 2 2 O D M J O J D B M B O E  
D P N N V O J U Z T F U U J O H **Midwifery Professionals**

I B O T X F S J O H R V F T U J P O T G S P N Q B U J F O U T B O E G B N  
J M J F T B O E Q S P W J E J O H J E X J G G F S X B Q S J P P G F T B C P P O V B U M T O S Q M B O N  
W F O U J P O P G J M M I F B M U B O E S F B V U E N M Q U B U F O E N D B X F J G F S Z D B  
J T V Q F S W J T J O H B O E D P P S E V S B O H O B C U E I F B X R I S L S P G S P H O F S O D Z B O E  
O V S T J O H I F B M U I B O E Q F S T P O V B J F D B F S M J W F S L Z F D T B S F G P S S F E V D

(j) conducting research on nursing practices with women and newborn children, working auto-  
nously or in teams with other health care pro-  
cedures and disseminating findings scienti cally through scientific papers and reports. W J E F S T

- 5 B T L T J O D M V E F o (g) conducting research on midwifery practices and disseminating findings
- B Q M B O O J O H Q S P W J and procedures of midwifery education before, during and after pregnancy and child planning and conducting midwifery education according to the practice and standards of the profession in various settings.
- C Q S P W J E J O H B E W J D F U P X P N F O B O E G B N J M J F T and conducting community education of example of the occupations classified here: IF B M U I O V U S J U J P O I Z H J F O Professional Midwife C J S U I B O E emergency plans, breastfeeding, infant care, family planning and contraception, lifestyle and other topics related to pregnancy and delivery.
- (c) assessing progress during pregnancy and childbirth, managing complications and recognizing a medical doctor with specialized skills in obstetrics and associate professionals should be made on the basis of the nature of the work performed in the country are not the main factor in making this distinction within countries.
- (d) monitoring the health status of newborns and managing complications and recognizing a medical doctor with specialized skills in obstetrics and associate professionals should be made on the basis of the nature of the work performed in the country are not the main factor in making this distinction within countries.

Minor Group 223  
**Traditional and Complementary Medicine Professionals**

5 S B E J U J P O B M B O E D P N Q M F N F O U B S J J N F O E J T D J O S F O V S F O G U F B T O J E P O B M J N F O F T T E J T F B T F J O K V S Z B O E P U I F S R O Z E T N B B M U B O E N F O B S B M J N F O J O I V N B O T C Z B Q Q M Z J O H L O P X M F E U H I S P V H U M M U F O D E W O S B W W E J D F U I F U I F P S J F T C F M J F G T B O E F Y Q M S J F S F D F T P S J H J O B U J O H J O T O

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E T F P O P O E M D F U O D H R O Z E T J O B W J F X J O H U I F N B O E U I F J S G B N J M J F T E U P W E M U F S N O F B O I E F J S N Q M B A N U F treatment plans for physical, mental and psychosocial ailments using applications such as B D V Q V O D U V S F B Z V S W F E J D I P N F P Q U J O H D B O E I P S O V N M O N U F J E O I D J O U J F O U T Q S P H S F T T U I S P V H I U S F B S J N L F J O P L O C B N O E O M J G O F S T R U V M E F J O B E W J O E J W J E V B M T G B N J M J F T B O E D P H N U S O E U W J P O Q N F N I D E S J J O C J O H T B B T I F S C B M Q M B O U N J O F S B M B O C P E B O J T N E N B Q F B Y D J S U B Z D G P S U T F M G J F Y D I B O H J O H J O G P S N B U J P O B C P V S J L F O S F U B F O C U F T F E X F E U U P P U D F T S V S D P O U J O V J O H B O E D P N Q S F I F O T J W O R U P I F U B S N B E J U D B O S E F M B O E E D V P O complementary medicines and treatments and disseminating findings such as through scientific papers and reports.

O D D V Q B U J P O T J O U I J T N J O P S H S P W Q V O B S U F H S M P B / T O T J m F E J O U P U I F  
**2230 Traditional and Complementary Medicine Professionals**

Unit Group 2230

**Traditional and Complementary Medicine Professionals**

" Z V S W F E J D Q S B D U J U J P O F S  
Chinese herbal medicine practitioner  
Homeopath  
Naturopath  
Chiropractor

5 S B E J U J P O B M B O E D P N Q - M F N F U A H B S Z T I T T O F E J D J O F Q S P  
G F T T J P O B M T F Y B N J O F Q B U J F O U T Q S F W F O U B O E U S F B U  
illness, disease, injury and other physical ailments, and related occupations classified elsewhere:  
mental impairments and maintain general health \$ I J S P Q S B D U P S o  
in humans by applying knowledge, skills and OT U F P Q B U I o  
Q S B D U J D F T B D R V J S F E U I S P V H I D V Y Q U F O O T U W S F T W A V E I Z O P G J B O o  
U I F U I F P S J F T C F M J F G T B O E F Y Z V S W F E J D T U P S J I O J O B B O O H  
in specific cultures. ) F S C B M J T U o

5 B T L T J O D M V E F o ) P N F P Q B U I Z U F D I O J D J B O o  
B D P O E V D U J O H Q I Z T J D B M F Y B N J O F Q B U J F O U T Q S F W F O U B O E U S F B U  
BOE J O U F S W J F X J O H U I F N B O E Z J M I N I B S H G B I N B M J F F S T d J P  
E F U F S N J O F U I F J S I F B M U I T U B U W T D I E P D U P S o

C E F W F M P Q J O H B O E J N Q M F N F " O U J O S H T U S V S B U N J A O S I B O M T B O T o  
for physical, mental and psychosocial ailments ) Z E S P U I F S B O J T U o  
using applications such as acupuncture, ayur- 4 I J B U T V U I F S B O J T U o  
W F E J D I P N F P Q B U I J D B O E I F B C U B I M I N B F M I B J O F

D F W B M V B U J O H B O E - E P D V N F O U J O H Q B U J F O U T Q S P  
H S F T T U I S P V H I U S F B U N F O U Q M B O T  
E Q S P W J E J O H I F B M U I O V I O C C U P T I O N S O N T R A D I T I O N A L A N D C O M P L E M E N T A R Y M E D I C I N E J D F

UP J O E J W J E V B M T G B N J M J F T B O E D P N N V O J U J F P P S P S N B O D F S F R V J  
(e) prescribing and preparing traditional medicines, such as herbal, plant, mineral and J U J P O B M B O E D P N Q M F N F O U B S Z U I F S B O J F T  
BOJNB M FYUSBDUT UP- T U I N V M B U F U I F C P E Z T D B O  
BDJUZ GPS TFMG IFBMJOH J O F B S F D M B T T J M F E J O 6 O J U ( S P V Q  
G F Y D I B O H J O H J O G P S N B U S P N Q M F N F O U B O Z U I F J O U T F X I J U I G F T T J P O B M

other health care workers as needed to ensure U J J P O T X I P T F Q S B D U J D F S F R V J S F T B M F T  
D P O U J O V J O H B O E D P N Q S T F U P O E J J O W F C P T F M U P O S B M U J W F M Z T I P S

(g) conducting research into traditional and complementary medicines and treatments, and disseminating findings such as through J U J P O B M B O E \$ P N Q M F N F O U B S Z . F E J D J O F " T  
and disseminating findings such as through J U J P O B M B O E \$ P N Q M F N F O U B S Z . F E J D J O F " T  
scientific papers and reports. sionals. Practitioners working in the singular application

Examples of the occupations classified here: N B O V B M U I F S B Q F V U J D U F D I O J R V F T B S F F Y  
" D V Q V O D U V S J T U ( S P V Q

Minor Group 224

**Paramedical Practitioners**

1 B S B N F E J D B M Q S B D U J U J P O F S T Q S P W D E E F O B S E F W J F T O P S Z W F E J N B F E O D B W M  
W J D F T N P S F M J N J U F E J O T D P Q F B O U E O P N N O F M I B D B U M Z E J R B O P U S I T P T I S  
X P S L B V U P O P N P V T M Z P S X J U I M J N J T U F B O T E V O B F O S O M W I Z J B O W F B C O D N I F E J D  
J D B M Q S P D F E V S F T G P S U S F B U J O H B O E O P U Q I S F W Q F I Q U J D B I M E P T S F B N T F O  
impairments common to specific communities.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V C E T P O P O E M D F O O H B O Z E T J D B U  
W J F X J O H U I F N B O E U I F J S G B N J M J F O T E U S P F E F S J E F J S O N H J Q B U W I F F O J S T I I  
J D B M J O G P S N B U J P O Q F S G P S N J O H T C S H J J D B M S O N P S P D F F S P S B T O F J O N D F N  
Q S F T D S J C J O H B O E B E N J O J T U F S J O H Q S F W F O R U O W F - I N S E D V S B U P O F  
V S F T F T Q F D J B M M Z G P S D P N N P O O H J T P S B P S E F S O O H E I T B S I O P S T U J D B  
T V D I B T 9 S B Z F M F D U S P D B S E J P H S O B H U B I O S B M B O P S B U Z S P Z D U F E T S F T C  
B T J O K F D U J P O T J N N V O J [ B U J P O D U J P V O U M S O B H F B O O X P B / T O T E T D  
N F E J D B M E P D U P S T X J U I D P N Q M F Y U V S O W D T B M Q S O P S H S D F F T E T V S B F O T E S I P T O C

UP USFBUNFOU BOE J EFOUJGZJOHS S BHM TU FB ONEF ET ZNBNM PENPTD S P S V  
WJTJOH QBUJFOUT BOE GBNJM JFTX IPJO IE B B QSYFVSDO U F PBOE SP U SFSB  
PG EJTFBTF BOE EJTPSEFST J EFOUJGZJOH DBOTEF S FLGFF SNSJEOJH BNA NE  
IPTQJUBMT PS PUIFS QMBDFT GPS E EFOUJGZJOH EFOUJGZJOH EFOUJGZJOH EFOUJGZJOH  
HPWFSONFOU BVUIPSJUJFT UP NFSFUR WJSH B MO B DE QSPGFTTJP  
ODDVQBUJPOT JO UIJT NJOPS HSPVQ Q B S F H S P B V T O T J m F E J O U P U I F

2240 Paramedical Practitioners

Unit Group 2240

(f) monitoring patients progress and response to treatment, and identifying signs and symp-

Paramedical Practitioners

UPNT SFRVJSJOH SFGFSSBM UP NFE  
1 B S B N F E J D B M Q S B D U J U J P O H S T B E Q V S J T W O H F Q B E W F D U P T S B O E G B N J M  
E J B H O P T U J D D V S B U J W F B O E T Q S F O V F F O U I F S W A B Q F L E T X B J M I B J E O  
T F S W J D F T N P S F M J N J U F E U O F B D N P Q C U B P O G E E D P A N B O T M F Y O B Z E J T P  
U I B O U I P T F D B S S J F E P V U C Z N E E O D B M Z E P H L B O S E T S F G I F S Z S J O H D P M  
X P S L B V U P O P N P V T M Z P S X cases to medical factors, hospitals or other  
P G N F E J D B M E P D U P S T B O E B O M N D F B E G B O D F E F D M B M J J Q B M D B S F  
Q S P D F E V S F T G P S U S F B U J O H (i) Reporting Sifts Deaths and Notifiable Dis-  
injuries and other physical or mental impair- F B T F T U P H P W F S O N F O U B V U I P S J U J F  
ments common to speci c communities. B O E Q S P G F T T J P O B M S F Q P S U J O H S F

5 B T L T J O D M V E F o

B D P O E V D U J O H Q I Z T J D B M Examples of the occupations classified here:

BOE JOUFSWJFXJOH UIFN BOEE W BFOUSF E BDNBSMF J QTB SUBPN FEJD  
determine their health status, and recording Clinical o cer (paramedical)  
QBUJFOUT NFEJDBM JOGPS N E S T E P O

(b) performing basic or more routine medical and Primary care paramedic  
surgical procedures, including prescribing Surgical technician  
and administering treatments, medications

BOE PUIFS QSFWFOUJWF Some related Occupations Classified Elsewhere:  
especially for common diseases and disor- ( F O F S B M Q S B D U J U J P O F S o  
EFST 4 V S H F P O o

(c) administering or ordering diagnostic tests, . F E J D B M B T T J T U B O U o  
such as X-ray, electrocardiogram and labo- & N F S H F O D Z Q B S B N F E J D o  
SBUPSZ UFTUT

(d) performing therapeutic procedures such as The  
as injections, immunizations, suturing and @ D D V Q B U J P O T J O D M V E F E J O U I J T V O J U H S P V  
XPVOE DBSF BOE JOGFDUJPNOMBOBPHNFPOU UFSUJBSZ MFWFM USB  
F B T T J T U J O H N F E J D B M E P D U P S T X J U J D B M P N O M F Y T V S  
H J D B M Q S P D F E V S F T limited to emergency treatment and ambulance practice  
BSF DMBTTJmFE JO 6 O J U ( S P V Q " N C V M

Minor Group 225

Veterinarians

7 F U F S J O B S J B O T E J B H O P T F Q S F W E F O Z T B O O D W S J P B O U T E P J G T F B B O T J F N T B M J T O  
NBZ QSPWJEF DBSF UP B XJEF S B O S H B U N G F O B O J P N G B N T O B T S Q U F J D J B M M B J S  
HSPVQ PS JO B QBSUJDVMBS B S G F B T P J G P O B M D J B S W J B U F J P O P D S N O  
rms producing biological and pharmaceutical products.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V B E L F V S E F B G S B I O O P S N B M I F D O S E  
U J P O T C Z Q I Z T J D B M F Y B N J O B U J P O J B M O R P U S B O J P J S Z B H U J F O H J W H D I B O O J E R  
J O D M V E J O H S B E J P H S B O I Z B O E V M U Z S E B T O P E V O F S H U J S D F B M M O Z H B O B N I  
N J O J T U F S J O H B O E Q S F T D S J C J O H N S V H T M B O B M T H U A F J J D T B Q E S H G R  
T V S H F S Z E S F T T J O H X P V O E T B O E T U T F U S U D O H F S C V S P D L F T O U C P B O J M  
Q B S U J D J Q B U J O H J O Q S P H S B N N F T E B O E H O E S F B E Q S F B V O F O N U B M I F E J  
F B T F T J O P D V M B U J O H B O J N B M T B J H T F J E O T F U T B B O C E E O L P F U T J G J Z O J O H G B S U I F

P G P V U C S F B L T P G J O G F D U J P V T B O J N B M F E U J F T S F N B J T C F F D O V \$ S P P S G N J E C  
B E W J T J O H D M J F O U T P O I F B M U I F C E V O S H J U B C P E O D B B O S E F P R G F B J C O J H N B I M Z T H  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V O B S U F H D \$ M P B / T O T J m F E J O U P U I F

**2250 Veterinarians**

Unit Group 2250

E S F O E F S J O H P C T U F U S J D B O E E F C  
B O J N B M T

**Veterinarians**

(e) participating in programmes designed to

7 F U F S J O B S J B O T E J B H O P T F O S S F W F O U B O E P U S D F V S U S F E O D F B O E T O  
F B T F T J O K V S J F T B O E E Z T G V O D T U F J P T O F T T P G B O J N B M T 5 I F Z  
N B Z Q S P W J E F D B S F U P B X (f) Focusing on animals as hosts and testing for,  
specialize in the treatment of a particular animal infectious diseases and notifying authorities  
H S P V Q P S J O B Q B S U J D V M B S T R O F D P J V M C S I Z B L S F P G P S O C F P W J P F V T B C  
Q S P G F T T J P O B M T F S W J D F T (g) Performing studies to determine cause of  
ducing biological and pharmaceutical products. E F B U I

5 B T L T J O D M V E F o I B E W J T J O H D M J F O U T P O I F B M U

(a) determining the presence and nature of abfeeding, hygiene, breeding and care of ani-  
O P S N B M D P O E J U J P O T C Z Q I X B M D T B M F Y B N J O B U J P O  
laboratory testing and through diagnostic J Q S P W J E J O H F V U I B O B T J B T F S W J  
J N B H J O H U F D I O J R V F T J O D M V E J O H S B E J P H S B Q I Z

(b) treating animals medically and surgically, " O J N B M Q B U I P M P H J T U

and administering and prescribing drugs, an- Veterinarian  
B M H F T J D T B O E H F O F S B M B O E T M P Y D E B I M B O G S F T U I F U J D T

(c) performing surgery, dressing wounds and Veterinary intern  
T F U U J O H C S P L F O C P O F T Veterinary surgeon

Minor Group 226

**Other Health Professionals**

O U I F S I F B M U I Q S P G F T T J P O B M T F Q S P T W U S E Z F O A B S M U B I D Z F S F W W D I  
mental health and hygiene, occupational health and safety, physiotherapy, nutrition, hearing,  
T Q F F D I W J T J P O B O E S F I B C J M J U B O U D I M O E U F I T F S B M O M F I V N S I O T I F N B J O P I S  
G F T T J P O B M T F Y D F Q U E P D U P S T U S O F E O U S J B P D O U B J M J B O E S D P N O W S F T F C  
X J W F T B O E Q B S B N F E J D B M Q S P G F T T J P O B M T

5 B T L T Q F S G P S N F E N B Z J O D M V E F F B U T F S N T J D C F H U Q B U O F B C U J M T S P S P O M U  
P S E F S J M M O F T T P S Q S P C M F N U E F O W I B M P O B J C O E H F W O B M V B N U O J M H  
E P D V N F O U J O H Q B U J F O U T Q S P H S F T T J E O J K B V S O P T J B O E B I O E M U G S P F S B N U B J O  
P G U I F U F F U I N P V U I K B X T B O F E S V J O I P D J D P L N F O E P W O E J O V H T U F T U P J S O  
E J T Q F O T J O H N F E J D J O B M Q S P E V D U T F B O C E D P E W O F T S T M F J O B I U F O B T I F B S  
Q M B O O J O H B O E J N Q M F N F O U J O H Q S P H C S U S N P M F T F O W J S P O R F O U B M  
U P S T U I B U D B O Q P U F O U J B M M Z B E P S F I V I M E N O B O F B N P W I P S U B V J O N O U S J  
N B Y J N J [ F N P W F N F O U B C J M J U Z S F M F J E W F J O N B J O D U T Z P O E S G P N P F E T B O S O  
U S J U J P O P O I V N B O I F B M U I E J B H O J P D T B I M H E J N B S E B F S J T O B B O E J O S H B V  
I F B S J O H D P N N V O J D B U J P O P S T X B M E N O E X W O J H T V B M E T J Z P I S E N S T B E O V W T B O F H  
B C P V U D P O U J O V F E U S F B U N F O U B O E I B B S M J B O E J O P S O P W E J E W O B F F S S I S O  
D M J F O U T U P P S D P O G F S S J O H X J P I D P B U J F S Q I S F B G M U I T J O P S O P B G M T T J B O S B

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V O B S U F H D \$ M P B / T O T T J m F E J O U P U I F

**2261 Dentists**

**2262 Pharmacists**

**2263 Environmental and Occupational Health and Hygiene Professionals**

**2264 Physiotherapists**

**2265 Dieticians and Nutritionists**

2266 Audiologists and Speech Therapists
2267 Optometrists and Ophthalmic Opticians
2269 Health Professionals Not Elsewhere Classified

Unit Group 2261

% F O U J T U

Dentists

Endodontist

% F O U J T U T E J B H O P T F U S F
injuries and abnormalities of the teeth, mouth,
jaws and associated tissues by applying the prin-
D J Q M F T B O E Q S P D F E V S F T P G
use a broad range of specialized diagnostic, sur-
H J D B M B O E P U I F S U F D I Q J R V F
store oral health.

OSBM BOE NBYJMMMPGBDJBM TVS
Oral pathologist Q S F W F O U E J T F B T F T
Orthodontist
Paedodontist
Periodontist E F O U J T U S Z 5 I F Z
Prosthodontist
Stomatologist S P N P U F B O E S F

5 B T L T J O D M V E F o
(a) diagnosing diseases, injuries, irregularities
and malformations of teeth and associated
structures in the mouth and jaw using a
range of methods such as radiographs, saliv-
W B S Z U F T U T B O E N F E J D E M
C Q S P W J E J O H Q S F W F O U B U I F B M U I D B S F T V D I
B T Q F S J P E P O U B M U S F B U N F O U T n V P S J E F B Q Q M J D B
U J P O T B O E P S B M I F B M U I Q S P N P U J P O

Note

Q D D V Q B U J P O T J O D M V E F E J O U I J T D B U F H P S Z
P N Q M F U J P O P G V O J W F S T J U Z M F W F M U S B J C
S B D U J D B M E F O U J T U S Z P S B S F M B U F E
P P V O U S J F T I T U P N B U P M P H Z w B O E I E F O U B M
G B D J B M T V S H E S Z w N B Z C F D P O T J E F S F E
B M I T U P S J F T
Classifications, occupations in these fields should always be
Classified here.

(c) administering anaesthetics to limit the
B N P V O U P G Q B J O F U J P O T D F E C Z Q B U J F O U T
E V S J O H Q S P D F E V S F T

Unit Group 2262

Pharmacists

(d) prescribing medication for relief of ongoing
Q B J O B G U F S Q S P D F E V S F T I B S N B D J T U T T U P S F Q S F T F S W F D
F Q S P W J E J O H S F T U P S
Q M B O U T D P N Q M F Y D S P X O F B O S E P Q S S E V F F S F O U P B E W F S T F F
E B N B H F E B O E E F D B Z F E U J D B M E P D U P S T B O E P U I F S I F B M U I Q S
G Q S P W J E J O H T V S H J D B M
G P S N J O H P S U I P E P O U J D U S F B U N F O U T

Dispensing medicinal products and counselling
in medicines following prescriptions issued by med-
U J D B M E P D U P S T B O E P U I F S I F B M U I Q S
Distribution of medicines, testing, preparation
of medicines for human health.

(g) measuring and taking impressions of pa-
tients jaws and teeth in order to determine
U I F T I B Q F B O E T J [ F P G E F

S F D F J W J O H Q S F T D S J Q U J P O T
Occupational dental doctors and other health

(h) designing, making and fitting prosthodontic
appliances such as space maintainers, bridges
and dentures, or writing fabrication instruc-
tions or prescriptions for dental prosthetic
U F D I O J D J B O T
J S F T U P S J O H P S B M G V O D U B O E X U B J C F S F M J P O V H C M F M B O V E J E N F E J D
m Y F E P S B M Q S P T U I F T F T

professionals, checking patients medicine
histories, and ensuring proper dosage and
drug compatibility or prescriptions for dental prosthetic
J C J M J U Z C F G P S F E J T Q F O T J O H
C Q S F Q B S J O H P S T V Q F S W J T J
B O E X U B J C F S F M J P O V H C M F M B O V E J E N F E J D
powders, tablets and other medications to

(j) assisting in diagnosing general diseases
I B W J O H P S B M N B O J G F T U B U D J P O C S T P V D J E B O H E J B O C F R U S F N B U J P O B O E

Q S F T D S J Q U J P O T

(k) educating patients and families on dental hy-
giene, nutrition and other measures to take
D B S F P G P S B M I F B M U I
M T V Q F S W J T J O H E F O U B M
U B O U T B O E P U I F S T U B

scribes and clients regarding drug interac-
tions, incompatibility and contraindications,
T J E F F F D U T E P T B H F B O E Q S P Q F
T J P S B O J F T U T E F O U B M B T T J T
(d) collaborating with other health care profes-

Examples of the occupations classified here:
% F O U B M Q S B D U J U J P O F S
% F O U B M T V S H F P O

sionals
T J P O B M T U P Q M B O N P O J U P S S F W
U I F R V B M J U Z B O E F F D U J W F O F T T P
U I F S B Q Z P G J O E J W J E V B M Q B U J F O U T
J W F O F T T P G Q B S U J D V M B S E S V H T P





Unit Group 2264

**Physiotherapists**

. B T T B H F U I F S B Q J T U o  
1 I Z T J P U I F S B Q Z U F D I O J D J B O o  
4 I J B U T V U I F S B Q J T U o

Physiotherapists assess, plan and implement re-

IBCJM JUBUJWF QSPHSBNNFT UIBU JNQSPWF PS SFTUPSF  
IVNBO NPUPS GVODUJ POT NBYJN JEF NPWFNFOU  
BCJMJUZ SFMJFWF QBJO T QLESNNFT BOE USFBU PS QSF  
WFOU QIZTJDBM DIBMMFOHT BTTPDJBOFE XJUI JOKVSJFT  
EJTFBTFT BOE PUIFS JNQBJSNFOUT 5IFZ BOOMZ B  
CSPBE SBOHF PG QIZTJDBM U I F S B Q J J B O T B O E U F D I O J R V F T  
TVDI BT NPWFNFOU VMUSBTPVOE JO UIF USFBUNFOU PG QBUJFOUT  
PUIFS UFDIOJRVFT food and nutrition on human health.

**Dieticians and Nutritionists**

5BTLT JODMVEF o  
B BENJOJTUFSJOH NVTDMF B O F S W F K P J O U G V O D U J P O B M  
ability and other tests to identify and assess communities on nutrition, the planning of diets  
QIZTJDBM QSPCMFNT PG QBUEFOUUT BOE SFEVDF QPUFOUJBM

(b) establishing treatment goals with patients and designing treatment programmes to reduce physical pain, strengthen muscles, JNQSPWF DBSEJPUIPSBDJD respiratory functions, restore joint mobility BOE JNQSPWF CBMBODF BOE D P P S E J O B U J P O

D EFWFMPQJOH JNQMFNT QBUJFOUT BOE NPQJJOH JNQMFNT IFBMUI BOE OVUSJUJPOBM TUBU programmes and treatments using the therapeutic groups and communities based on nutrition, massage, manipulation, hydrotherapy, electrical UJPOBM WBMVFT PG GPPE TFSWF

USPUIFSBQZ VMUSBWJPM U I F S B Q J J B O T B O E U F D I O J R V F T  
VMUSBTPVOE JO UIF USFBUNFOU PG QBUJFOUT QSPHSBNN  
(d) instructing patients and their families in procedures to be continued outside clinical setting UJPOBM BOE USBJOJOH UP JNC MFWMFT BNPOH JOEJWJEVBMT BO

(e) recording information on patients health status and responses to treatment in medical record-keeping systems, and sharing information with other health professionals as SFRVJSFE UP FOTVSF DP conducting research on nutrition and disseminating the findings at scientific conferences and in other settings.  
IFOTJWF DBSF G EFWFMPQJOH BOE JNQMFNT QBUJFOUT QSPHSBNNFT

GPS TDSFFOJOH BOE Q S F W F O U J P O P G D P N N P O  
QIZTJDBM BJMNFOUT BOE E J H P S E E S I  
H TVQFSWJTJOH UIF XRSL PG P P E T F S W J D F E J F U J D J B O  
tants and others. Nutritionist  
Public health nutritionist  
Sports nutritionist

Examples of the occupations classified here:

- (FSJBUSJD QIZTJDBM U I F S B Q J J B O T B O E U F D I O J R V F T
- .BOJQVMBUJWF U I F S B Q J J B O T B O E U F D I O J R V F T
- Orthopaedic physical therapist
- Paediatric physical therapist
- Physical therapist
- Physiotherapist

**Unit Group 2266**  
**Audiologists and Speech Therapists**

Some related occupations classified elsewhere:

- \$IJSPOSBDUPS o manage and treat physical disorders affecting human hearing, speech, communication and
- ODDVQBUJPOBM U I F S B Q J J B O T B O E U F D I O J R V F T  
OTUFPQBUI o SFIBCJM JUBUJWF U I F S B Q J J B O T B O E U F D I O J R V F T
- 1PEJBUSJTU o disorders and related sensory and neural prob-
- "DVQSFTTVSF U I F S B Q J J B O T B O E U F D I O J R V F T  
)ZESPUISBQJTU o and communication performance.

- 5 B T L T J O D M V E F o F E F U F D U J O H B O E E J B H O P T J O H F
- B F W B M V B U J O H I F B S J O H T O r d e r s a n d d e f e c t s o f c h i c c h i r f f u n c t i o n ,
- performance in patients to determine the nature and planning and managing treatment pro-
- P G I F B S J O H B O E D P N N V O J o b a n d e s p i c u l i n g c o n s e l l i n g p a t i e n t s i n
- C B E N J O J T U F S J O H I F B S J O H Z P S F Y T Q S F J D T I F M B O P H D B P S E J O B U F M
- U F T U T P S P U I F S F Y B N J O B U J J O D V T J O H P T G O F D B B M J [ F E
- E J B H O P T U J D J O T U S V N F O U T G B O E S F R D S Q N B O H D B O S E S F D U J W F F Z
- interpreting test results alongside other med- M F O T F T B O E P U I F S W J T J P O B J
- J D B M T P D J B M B O E C F I B W J P P V S B M D B M B H E O A T J U D J F T E C P U S B C U F P S G P S N B O
- E F U F S N J O F B Q Q S P Q S J B U F D P Q V S T B T B R O G E U N S F B B M B O M F
- (c) planning, directing and participating in H B E W J T J O H P O W J T V B M I F B M U I
- counselling, screening, speech rehabilitation D P O U B D U M F O T D B S F W J T J P O D
- and other programmes related to hearing P Q U J D T W J T V B M F S H P O P N J D T
- B O E D P N N V O J D B U J P O and industrial eye safety.
- E Q S F T D S J C J O H I F B S J O H B J E T B O E P U I F S B T T J T U J W F
- E F W J D F T B D D P S E J O H - U E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e : J O
- T U S V D U J O H U I F N J O U I F J S V O p h t h a l m i c o p t i c i a n
- (e) planning and conducting treatment pro- O p t o m e t r i s t
- grammes to manage physical disorders af- O r t h o p t i s t
- G F D U J O H T Q F F D I B O E T X B M M P X J O H
- G D P V O T F M M J O H B O E S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e : M B O
- H V B H F J N Q B J S F E J O E J W J E V B O M T U I B M F N B M C P H N J M J O T
- U F B D I F S T B O E F N Q M P Z F S T % J T Q F O T J O H P Q U J D J B O o
- (g) referring patients and families to additional
- N F E J D B M P S F E V D B U J P O B M T F S W J D F T J G O F F E F E

Examples of the occupations classied here: Unit Group 2269

- " V E J P M P H J T U
- Language therapist
- Speech pathologist
- Speech therapist

**Health Professionals Not Elsewhere Classified**

5 I J T V O J U H S P V Q D P W F S T I F B M U I Q S  
D M B T T J G J F E F M T F X I F S F J O 4 V

Health Professionals. For instance, the group includes occupations such as podiatrist, occupational therapist, recreational therapist, chiropractor, osteopath and other professionals  
Q S P W J E J O H E J B H O P T U J D Q S F W F O U J  
S F I B C J M J U B U J W F I F B M U I T F S W J D F T

Unit Group 2267

**Optometrists and Ophthalmic Opticians**

O Q U P N F U S J T U T B O E P Q I U I B M N O J D T P D I U J D B J B F O T T O E S T P L W J X P V M E J O D I  
E J B H O P T J T N B O B H F N F O U B O E J O S U F B S J W F O X J O T H S O B J D F F O U T B O E I  
G P S E J T P S E F S T P G U I F F Z F T b o d e t e s t s t o d e t e r m i n e t h e i r h e a l t h s t a t u s ,

counsel on eye care and prescribe optical aids of functional limitations, and the nature of  
P U I F S U I F S B Q J F T G P S W J T V B M p h y s i c a l o r v i s u a l d i s o r d e r s , i l l n e s s e s o r  
5 B T L T J O D M V E F o P U I F S I F B M U I Q S P C M F N T

B F Y B N J O J O H Q B U J F O U T C F Z F E F B O E M D P P O I O D H U J B O E J N Q M F  
diagnostic tests to assess ocular health and plans for injuries, illnesses and other physical  
E F U F S N J O F U I F O B U V S F B O E F Y U F O U B M P G N O B T J S P O U T

Q S P C M F N T B O E B C O P S N B O J U J F W B M V B U J O H B O E - E P D V N F O U  
C U F T U J O H W J T V B M G V O D U g r e s s t h r o u g h t h e a t t e n t i o n p l a n s a n d r e f e r r e d  
T U S V N F O U T B O E F R V J Q N F o n l y p a t i e n t s a n d f a m i l i e s t o m e d i c a l d o c t o r s

W J T V B M B D V J U Z B O E S F G S B D S J W E I F S S P I S F B O M O I D U D J B O F P Q S P W J  
W J T V B M Q B U I X B Z T W J T V B M i n [ F M E T S F I B F C N M W F B U F O W T P S P U I F S D  
G S F F E P N P G W J T J P O B O E J O U F S B E P F D E V M B S Q S F T T V S F

(c) detecting, diagnosing and managing eye (d) - administering therapeutic care and treat-  
ease, including prescribing medications for ment to patients, including through applica-  
U S F B U N F O U tion of manual and physical chiropractic and

(d) consulting with and referring patients to oph- P T U F P Q B U I J D U F D I O J R V F T  
thalmologists or other health professionals if S F D P N N F O E J O H F O W J S P O N F O  
B E E J U J P O B M N F E J D B M U S f i n d i n g t h e h o m e , t e l e c o m m u n i c a t i o n s c h o o l

F O W J S P O N F O U T P O B O (h) Orthopedic and Prosthetic Technicians such as  
C B T J T U P F O B C M F J O E J W J E V B C H I R O P O R H S P V Q C B T J T  
M J N J U B U J P O T U P Q F S G P S N U I F J S E B J M Z B D U J W J U J F T  
B O E P D D V Q B U J P O T Examples of the occupations classified here:

- (f) planning and implementing therapeutic pro- " S U T U I F S B Q J T U  
H S B N N F T P O B O J O E J W J E V B C H I R O P O R H S P V Q C B T J T  
G P S J N Q S P W J O H B O E N B J O U B D J F B O E N I P W F N B O U U I F S B Q J T U  
D P H O J U J W F F N P U J P O B M Occupational therapist  
including through the use of arts and crafts, Osteopath  
E B O D F B O E N P W F N F O U - N V T P O D I A T I S T P U I F S S F D  
S F B U J P O B M B D U J W J U J F T Recreational therapist

- (g) identifying and prescribing treatments for  
D P O E J U J P O T B F D U J O H - U I F G P P U B O L M F B O E S F  
lated structures of the leg due to illness, <sup>Note</sup> M U I P V H I J O T P N F K V S J T E J D U J P O T D I J S P  
disease or other physical impairment, and P O B U I Z B S F D P O T J E F S F E U P I B W F U I F B U U  
Q S F T D S J C J O H D P S S F D U J W E G P P U X F B S B O E B E W J T L O H  
specializations. Practitioners in these disciplines should  
P O G P P U D B S F U P N B O B H A W A Y S B E C L A S S I E D H E R E F O U T

Sub-ma~or Group 23  
**Teaching Professionals**

5 F B D I J O H Q S P G F T T J P O B M T U F B N P S U F I E J U I D F J R O S M Z J O F O T E B O J S B D U F  
F E V D B U J P O B M M F W F M T D P O E V D U U S T F T F U B S O S J F T N O S O P E W P O F F S B E L F M  
N F U I P E T Q F S U B J O J O H U P U I F J S Q B S I L P J N D B S M B S O B T D F S O M B O E C P O  
\$ P N Q F U F O U Q F S G P S N B O D F J O N P T U V P O D S V F O B U S P O T T U O M M I T T B U V  
G P V S U I \* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E J T D V P C O E M B K U P J S O H H S D P M O T V F  
D P V S T F T P S U V U P S J B M T B U B Q B S U B P D V M B B O F E E W D P B D U B J P O P B O M N M F O M  
J O D M V E J O H Q S J W B U F M F T T P O T D P U O F E B / D I U D O H H B O E E V M E U V M B J W F O S H  
T P O T X J U I M F B S O J O H E J D V M U J F T P P S G Z O F O J B M S S J F D E M B E F J T O H O  
B O E B E W J T J O H P O U F B D I J O H N F U T P P O T B O P O B J F E S T O J O H S U I F D P S H  
J [ B U J P O P G U F B D I J O H B O E S F M B S I F E U B A T U J W P O E F V T D U B J O H D S P P M B T  
Q B S U J D V M B S T V C K F D U T U P J N Q S P W O F P S S L E F A V C F M A P O N D O P D E F T O U G T F  
Q M J D B U J P O J O J O E V T U S J B M B O E Q F U S I T S B O H E M C E P T L Q S F Q B S O S W J T T D  
other workers may be included.

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V O N J B O S P F S D H M S P T V O J T m F E J O U

- 231 University and Higher Education Teachers**
- 232 Vocational Education Teachers**
- 233 Secondary Education Teachers**
- 234 Primary School and Early Childhood Teachers**
- 235 Other Teaching Professionals**

Minor Group 231  
**University and Higher Education Teachers**

6 O J W F S T J U Z B O E I J H I F S F E V D B D U J P O S F U F B O E F O S T O O S D F O B U S V F U P B  
J O P O F P S N P S F T V C K F D U T X J U B J W O B W O S S T F J T U Z S P S F F E U I D F S V I S H  
F E V D B U J P O B M J O T U J U V U J P O 5 I F Z P M P O S E W Z O B S O F S B S E D O E B C O P P L O T S

5 B T L T Q F S G P S N F E V T V B M M Z J O D M W E V B B I O T E J H O S F O H S B J O E H N D P P E V J S G T F  
T U V E Z J O B D D P S E B O D F X J U I S F R V J S M I N D O V S F T O S O O B S P O E I V B O E O E  
U P S J B M T T F N J O B S T B O E M B C P S B T U P J P Z F B Y O E F S J O N E F O U F T O E F O U N V I N P B  
B N P O H T U V E F O U T T V Q F S W J T J O H E X I O S B D B J O Q S M Q X P S U F V O F E Y F O S H S B  
C Z T U V E F O U T B E N J O J T U F S J O H O E M O B F S V B B O J E O H U F B O E N E B S E D O  
S F T F B S D I P G Q P T U H S B E V B U F T U V E U F O S F T P S S P D U H F O S H N J F O N U C P F S T O E F  
W F M P Q J O H D P O D F Q U T U I F P S J F T B U O J P O P O J S B O E P O B S U J B N M U B P O E T P  
m F M E T Q S F Q B S J O H T D I P M B S M Z U C J P H L T O C E F O B S S T U P I S O B S W U D B M O E T O  
meetings and in conferences and seminars.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V O V O S U F H D S P B V T O T J m F E J O U P U I F

- 2310 University and Higher Education Teachers**

Unit Group 2310  
**University and Higher Education Teachers**

5 B T L T J O D M V E F o  
(a) designing and modifying curricula and pre-  
paring courses of study in accordance with

6 O J W F S T J U Z B O E I J H I F S F E V D B S I R O J U S F F B N D I O S I T Q S F Q B S F  
B O E E F M J W F S M F D U V S F T B O E C D P O S V O U B S J M O P S B E O M E T E J O M P J O W F F S J O H  
or more subjects within a prescribed course of conducting tutorials, seminars and laboratory  
T U V E Z B U B V O J W F S T J U Z P S F P Y O I F S S J N F O U F T S F E V D B U J P O B M  
J O T U J U V U J P O 5 I F Z D P O E V (c) simulating discussion and conducting  
scholarly papers and books. U I P V H I U B N P O H T U V E F O U T

E TVQFSWJTJOH XIFSF BOE QSBDOUJDBM XPSL VOEF BENJOJTUFSJOH FW-BMVB

(f) directing research of postgraduate students 6OJWFSTJUZ UVUPS PS PUIFS NFNCFST PG EFQBSUNFOU

H SFTFBSDIJOH JOUP BOE DBUJPO JO JOEVTUSJBM BOE I QSFQBSJOH TDIPMBSMZ CPP

(i) participating in departmental and faculty meetings and in conferences and seminars. 7PDBUJPOBM FEVDBUJPO UFB

Minor Group 232

Vocational Education Teachers

7PDBUJPOBM FEVDBUJPO UFB and further education institutions and to senior students in secondary schools and colleges.

5IFZ QSFQBSF TUVEFOUT GPS FNQ VOJWFSTJUZ PS IJHIFS FEVDBUJPO JT OPU OPSNBMMZ SFRV

5BTLT QFSGPSNFE VTVBMMZ JODM NFOU BENJOJTUFSJOH PSBM XSJ F FDUJWFOFTT BOE BTTFTT DPN

EFOUT LOPXMFEHF BOE DPNQFUE EFNPOUSBUF QSJODJQMFT UFDI

FRVJQNFOU BOE NBUFSJBMT BOE UIF ODDVQBUIPOT JO UIJT NJOPS HSPH

TUVEFOUT XPSL UP EFUFSNJOE QSPHSFTT QSPWJEF DVQBUIPOT PS PDDVQBUIPOT

NFOU BENJOJTUFSJOH PSBM XSJ F FDUJWFOFTT BOE BTTFTT DPN EFOUT HSBFTT BUUF

QSPKFDUT mFME QMBDFNFOUT UJPO BOE UVUPSJBM PS SFNFEJBM

EFNPOTUSBUF QSJODJQMFT UFDI ODDVQBUIPOT JO UIJT NJOPS HSPH

2320 Vocational Education Teachers

Unit Group 2320

Vocational Education Teachers

(c) presenting lectures and conducting discussions to increase students knowledge and DPNQFUFODF

Vocational education teachers teach or instruct further education institutions and to senior stu-

EFOUT JO TFDPOEBSZ TDFPP DVQBUIPOT PS PDDVQBUIPOT

prepare students for employment in speci c oc-TJUZ PS IJHIFS FEVDBUJPO

5BTLT JODMVEF B EFWFMPQJOH DVSSJDVMB DPOUFOU BOE NFUIPET P

(b) determining training needs of students or such as student grades, attendance rolls and XPSLFST BOE MJB

industry and other education sectors to ensure QSPWJTJPO PG SFMFWBOU

QSPHSBNNFT

J QSPWJEJOH JOEJWJEVBMJ [4 FEDPOEBSZ & EVDBUJPO 5FBDIFST XIFU  
UPSJBM PS SFNFEJBM JOTUSVDUJPO

(j) conducting on-the-job training sessions on the procedures or methods of designated subjects to prepare students for employment in a particular occupation.

Examples of the occupations classified here:  
"VUPNPUJWF UFDIOPMPH HFOFSBM TFDPPS  
Cosmetology instructor TDIPPM PS DPMMHFH 5IPTF XIP UFBDI  
Vocational education teacher DBUJPO MFWFM TVCKFDUT TVDI BT NE

Some related occupations classified elsewhere:  
4FDPOEBSZ & EVDBUJPO 5FBDIFST F  
4DIPPM QSJODJQBM o FNQMPZFE JO B WPDBUJPOBM PS UFDIOJDB

**Minor Group 233  
Secondary Education Teachers**

4FDPOEBSZ FEVDUJPO UFBDFIS DEBSZ DFIEVDFUJPSO MPPSWF M  
cluding subjects intended to prepare students for employment in specific occupational areas.

5BTLT QFSGPSNFE VTVBMMZ JO DMMBE BOE FOTSJHOCBSO H HB DEVDN  
UJPOBM DPVSTFT PG TUVEZ JO ED DFTSJBECMDJFIKOHIBDEVSFOGVS  
SVMFT GPS CFIBWJPVS BOE QSPDFETUSVETF GPS NOBSIOUBSIOOHB  
HJWJOH MFTTPTOT EJTDVTTJPOT BCKEENPOTFUTSUBUCJWDTIJOHPD  
PCKFDUJWFT GPS BMM MFTTPTOTH WOPJUTPBKEDQSWKF DUPT TBV  
QSFQBSJOH NBUFSJBMT BOE DMBOHSPBNDIJCPS DMUBPETBBOEWJ  
TUSVDUJPOBM NBUFSJBMT UP NFFUUTUVEEORJSTWVDBSBOEHFVBNM  
TUVEFOUT QFSGPSNBODF BOE CEWBSPVJSH QUSFFTQJBSJDTHTJH  
NFOUT BOE FYBNJOBUIJPOT UP FWSMFOPLSUQVOCJRWU QVCHSFTTXPS  
DPOGFSSJOH XJUI PUIFS UFBDFIS FUBJWH TO DPFODJFTS OQBSIUWDBOTDU  
FEVDUJPOBM PS PSHBOJBUJPOBEMQOBSMJJDJEBUJOMIBDOOJTOHP PMS  
JUJFT TVDI BT FYDVSTJPOT TQPSUJOH FWFOUT BOE DPODFSUT  
ODDVQBUJPOT JO UIJT NJOPS HSPHVOBSUFHSPB/TOTJmFE JOUP UIF

**2330 Secondary Education Teachers**

**Unit Group 2330  
Secondary Education Teachers**

(f) adapting teaching methods and instructional  
NBUFSJBMT UP NFFU TUVEFOU  
BOE JOUFSFTUT

Secondary education teachers teach one or more subjects intended to prepare students for employment in specific occupational areas.

5BTLT JODMVEF o PCTFSWJOH BOE FW-BMVBUJOH  
TVCKFDUT BU TFDPOEBSZ FEVDUJPOBMEWEMIBWYDPMSEJOH  
(a) designing and modifying curricula and preparing educational courses of study in accordance with the objectives, goals, and procedures for maintaining order in the school and participating in meetings concerning the organization of the school.  
DPOGFSSJOH XJUI PUIFS UFBDFIS  
C FTUBCMJTIOH BOE FOCES EDUCATIONAL ORGANIZATION PASPOG FIBW  
JDJFT

(k) planning, organizing and participating in units and projects and communicating the results of the work.  
D QSFQBSJOH BOE HJWJOH DIMPMTBOTJWEJUTJFVTTVDDBT FYDV  
BOE EFNPOTUSBUJPOT JO POFWPSUNTPSOETVCKEDBSUT  
E FTUBCMJTIOH DMFBS PCKFDUJWFT GPS BMM MFTTPTOT

Examples of the occupations classified here:  
PCKFDUJWFT UP TUVEFOUT High school teacher  
(e) preparing materials and classrooms for class Secondary school teacher  
BDUJWJUJFT

Some related occupations classified elsewhere: Note

- 4DIPPM QSJODJQBM o to prepare students for employment in a particular occu-
- 7PDBUJPOBM FEVDBUJPO o
- 4DIPPM JOTQFDUPS o
- JUFSBDZ UVUPS QSJWBUJPO o
- .BUIFNBUJDT DPBDI QSJWBUJPO o
- 4DIPPM DPVOTFMMP o

Minor Group 234

Primary School and Early Childhood Teachers

1S JNBSZ TDIPPM BOE FBSMZ DIJMESFO T EFTVPMMP ONFIOJUM RIG MBSOFHOVBSHUFO H  
 FEVDBUJPO BOE PSHBOJ[ F FEVDBUJPO BMBSD UTDWUBMF TBHGPS DIJ  
 5BTLT QFSGPSNFE VTVBMMZ JODMVEF BOEFBWBWJJOH QDFTWSEVNDNF  
 B SBOHF PG TVCKFDUT BU UIF QSEJPSIBCFJEWDBUJPOJWFJWFMT ECFN  
 UP GBDJMJUBUF DIJMESFO T EFTVPMMP ONFIOJUM RIG MBSOFHOVBSHUFO H  
 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JODMVEFE  
 ODDVQBUJPOT JO UIJT NJOPS HSPVQTSUFHSPVOTJ mFE JOUP UIF

- 2341 Primary School Teachers
- 2342 Early Childhood Educators

Unit Group 2341

Primary School Teachers

- (j) preparing for and attending parent meetings to discuss children s progress and problems.

Primary school teachers teach a range of subjects. Example of the occupations classified here:

BU UIF QSJNBSZ FEVDBUJPO o Primary school teacher  
 5BTLT JODMVEF o

(a) preparing daily and longer term lesson plans. Some related occupations classified elsewhere:

- JO BDDPSEBODF XJUI DVSS JDBEMWFBDMJESF MJOFT
- C JOTUSVDUJJOH DIJMESFO DJIPPMWQSVBDMJZMBDE JO
- HSPVQT VTJOH WBSJPVT UFBDIJPMMNFUJPEFDIBOS o
- materials (e.g. computers, books, games),
- BEBQUJOH UP DIJMESFO T WBSZJOH OFFET

(c) maintaining discipline and good working

IBCJUT JO UIF DMBTTSPUN Unit Group 2342  
 E QMBOOJOH BOE DPO Early Childhood Educators  
 DIJMESFO TVDI BT TQPSUJOH BDUJWJUJFT DPODFSUT  
 BOE FYDVSTJPOT Early childhood educators promote the social,

(e) assigning and grading class work and homework. ZTJDBM BOE JOUFMMFDUVBM EFWFMP

(f) preparing, administering and grading tests. PG FEVDBUJPOBM BOE QMBZ BDUJW

BOE BTTJHONFOUT UP -FWBWBWJJOH JODMVEF T QSP  
 HSFTT B QMBOOJOH BOE PSHBOJ[JOH JOEJ

H PCTFSWJOH BOE FWBMBVBDUJWJWFJETSFEFTJQDSEPSGP GBDJ  
 NBODF BOE CFIBWJPVS NFOU PG DIJMESFO T NPUPS DPP

I TVQFSWJTJOH DIJMESFO TEVDJDBM DIMBMTMFT BDCMEUODF BOE  
 other times in the school day, including the C QSPNPUJOH MBOHVBFH EFWFMP

QMBZHSPVOE EVSJOH CSFB storytelling, role play, songs, rhymes and in-  
 J QBSUJDDJQBUJOH JO -TUB GNFBNBUJPOHDPDQVEFSTUBUSIPTOFTT BOE EJT

sions, and conferring with other teachers. MFBEJOH DIJMESFO JO BDUJWJUJ  
 DPODFSUJOH FEVDBUJPOBM QF\$VWJWJUJFT GPS DSFBUJWF FYQS



the media of art, dramatic play, music and discussing progress or problems of children  
 Q I Z T J D B M m U O F T T X J U I Q B S F O U T B O E P U I F S T U B  
 E P C T F S W J O H D I J M E S F O J O i d e n t i f y i n g a p p r o p r i a t e a c t i o n s a n d r e f e r e n c e s  
 H S F T T B O E U P E F U F D U T J H O P P O I E S W T F M S P A Q J N D F F O T U B M  
 F N P U J P O B M P S I F B M U I S F M U B U F E T U B S C P M T F I N T O H B O E N B J O U B J O J  
 F P C T F S W J O H B O E B T T F T F J M B H U D P O S J U J Q P O B M U I I F B M U I F I S T  
 welfare and safety needs of students and working with young children.  
 identifying factors which may impede stu-  
 E F O U T Q S P H S F T T Examples of the occupations classi ed here:  
 G T V Q F S W J T J O H D I J M E S F O E a r l y c h i l d h o o d e d u c a t o r T U P F O T V S F  
 T B G F U Z B O E S F T P M W F D P O n P e s c h o o l t e a c h e r  
 H H V J E J O H B O E B T T J T U J O H D I J M E S F O J O U I F E F W F M  
 opment of proper eating, dressing and toilet-  
 I B C J U T \$ I J M E D B S F D F O U S F N B O B H F S o  
 \$ I J M E D B S F X P S L F S o

Minor Group 235  
**Other Teaching Professionals**

O U I F S U F B D I J O H Q S P G F T T J P O B M T D D J P O C H E W I F W I B E T F B U S F D B I D B O E F P B O E  
 X J U I M F B S O J O H E J D V M U J F T P S T H Q V F D H B M G P S E N J H U S B D U P O O P O B C  
 M B U F E Q V S Q P T F T H J W F Q S J W B U F D U O V P J M P P H Q B U O F E B D I U I B F S S U T V C J K O F  
 P V U T J E F U I F N B J O T U S F B N Q S J N B S Z T Z T B D R D E B B S O Z E B O S E P W J H E F S P B  
 U F B D I J O H T F S W J D F T O P U D M B T T J m F B F B N T F O X H F S B P J C F T 4 T V O N B M K P  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M Q E D H D P P S O B V M U J T O H S P T O F B S B D  
 N F U I P E T D P V S T F T B O E B J E T U F B D E I S D O Q I Z V O D H B M I M S Z T P B O E B S B O E O  
 P S U I P T F X J U I M F B S O J O H E J D J M C M H U O P T O P S B U P J W I F F S M B O H D B B R  
 N J H S B U J P O Q V S Q P T F T U F B D I J O H F S Q V E S O B O D J F O P G S B I U J J D F E I S B F  
 E B O D F W J T V B M B O E P U I F S B S U T U E O W F U M S P O J O J I O H T O S I P E V S N B N O N H T E  
 courses for information technology users.

- O D D V O B U J P O T J O U I J T N J O P S H S P H V O V O S U F H D S P B V T O T T J m F E J O U P U I F
- 2351 Education Methods Specialists**
  - 2352 Special Needs Teachers**
  - 2353 Other Language Teachers**
  - 2354 Other Music Teachers**
  - 2355 Other Arts Teachers**
  - 2356 Information Technology Trainers**
  - 2359 Teaching Professionals Not Elsewhere Classified**

Unit Group 2351  
**Education Methods Specialists**

C F W B M V B U J O H B O E B E W J J  
 D P V S T F T B O E N F U I P E T P G F Y B N J O  
 D S F T F B S D I J O H J O U P B V E  
 Education methods specialists conduct research U F B D I J O H B J E T B O E B E W J T J O H P C  
 B O E E F W F M P Q P S B E W J T F P o r g a n i z i n g t e a c h i n g a n d i n s t r u c t i o n u n i t e d u c a t i o n a l  
 D P V S T F T B O E B J E T 5 I F Z S F W W F X M B D I E N F F O Y L B T N J O F  
 teachers work, the functioning of educational E P D V N F O U J O H T V C K F D U T B  
 J O T U J U V U J P O T B O E U I F S F T V M O F E B D B O E W F W B N O E U S D H P O F X D P V S  
 N F O E D I B O H F T B O E J N Q S P W F F N Q S U P W J E J O H P O H P J O H Q S P G F T T  
 5 B T L T J O D M V E F o N F O U U S B J O J O H B O E D P O T V M U  
 B S F T F B S D I J O H J O U P D V S S F B D I F E S F T W F M P Q N F O U T J O  
 curricula, teaching methods and other ed( ) organizing and conducting workshops and  
 D B U J P O B M Q S B D U J D F T B O E c o o r d i n a t i n g t e a c h i n g a n d i n s t r u c t i o n u n i t e d u c a t i o n a l  
 D I B O H F T B O E Q P T T J C M F J N Q S B M N F I N T F O U T E N F U I P E T

H EFWFMPQJOH UIF TUVS) Teaching Academic Subjects and Practical Pk F D  
 UJWFT PG OFX FEVDBU Self-Concept Skills Development with Bearing, SgStP  
 HSBNNFT BOE PUIFS JNQBJSNFOUT  
 I WJTJUJOH TDIPPMT- Q FHS J PTEUJDNB/MNIZJ B D EB DEP C E W F M P Q J O H  
 SJOH XJUI BENJOJTUSB Underw/nteres, abilities, and skills and  
 PO RVFTUJJPOT SFMBUJOH UDPP PDSVESJQJEDUJMP D UFBDIJOH  
 NFUIPET FRVJQNFOU BOEI PUIFS G N B S U O S I T X J U I P U I F S T U B  
 J WJTJUJOH DMBTTSP-NT Underw/nteres, abilities, and skills and  
 OJRVFT BOE UP FWBMVBUF UFBDUJFT QFSGPSNBODF  
 BOE TDIPMBTUJD SFTVMU(T) preparing and maintaining student data and  
 (j) preparing reports and making recommenda- PUIFS SFDPSET BOE TVCNJUJJOH S I  
 tions to educational authorities concerning K BENJOJTUF SJOH WBSJPVT GPSNT  
 QPTTJCMF DIBOHFT BOE BONEQ S W W N M B W J O T H J O C S P H S S T T P G F B  
 ricula, teaching methods, and other matters. conferring with students, parents, head  
 UFBDIFST BOE PUIFS SFMFWBOU

Examples of the occupations classified here:

- Curriculum coordinator \$VSSJDVMVN EFWFMPQFS
- Education methods specialist
- Schools inspector

Examples of the occupations classified here:

- Learning disabilities special education teacher
- Learning support teacher
- Remedial teacher
- 5FBDIFS PG HJGUF E DIJMESFO
- 5FBDIFS PG UIF IFBSJOH JNQBJS
- 5FBDIFS PG UIF TJHIU JNQBJSFE

Some related occupations classified elsewhere:

- 4DIPPM DPVOTFMMPS o
- 4UVEFOU BEWJTFS o
- &EVDBUJPOBM QTZDIPMPHJ

Some related occupations classified elsewhere:

- 7PDBUJPOBM FEVDBUJPO UFBDIF
- 4FDPOEBSZ TDIPP M UFBDIFS o
- 1SJNBSZ TDIPP M UFBDIFS o

Unit Group 2352

Special Needs Teachers

Special needs teachers teach physically or mentally handicapped children, young persons or adults, or those with learning difficulties or other

TQFDJBM OFFET 5IFZ QS Unit Group 2353F TPDJBM FNP  
 UJPOBM JOUFMMFDUUBM Other Language Teachers EFWFMPQNFOU PG  
 their students.

5BTLT JODMVEF o OUIFS MBOHVBHF UFBDIFST UFBDI O  
 (a) assessing students' abilities and limitations, and giving to adults and children who are learning a  
 with regard to intellectual, physical, social language for reasons of migration, to full employ-  
 BOE FNP UJPOBM JNQBJSNFOU SFFYRVSJFJPD BMTJDS PQQP SUV C  
 UFM MFDUUBM HJGUT P S Q P S U I F S J O B U J P O B M T F E U V D B U J P O B M Q S P

(b) designing or modifying curricula and presenting a foreign language, or for personal enrichment.  
 QBSJOH BOE EFMJWFSJOH 5IFZ PXPSSBNRVFTTJ VFF UTP ONTB JOTUSFBN C  
 BOE BDUJWJUJFT BEBQU Endary and Higher Education systems, or job sup-  
 BOE OFFET port of students and teachers within those systems.

D HJWJOH JOTUSVDUJPO 5POTLBTJOJODMVEFEBM PS HSPVQ  
 CBTJT VTJOH TQFDJBM - UFBDI O J B R V T F T T P J S O B J U E I T F B N F O W S P M P G B C J M  
 QSJBUF UP TUVEFOUT OFF Language difficulties of students, and estab-

(d) employing special educational strategies and methods in the classroom. M J T I J O H T U V E F O U T O F F E T B O E M F  
 UFDIOJRVFT EVSJOH JOTUSVDMUBIPOJOP JONSOFOPVSBFOH BOE EF  
 UIF EFWFMPQNFOU PG T F O E S X P S B D I P O T F S D S Q H S P V Q T B O E J  
 tual-motor skills, language, cognition and with content and rate of progression adapted  
 NFNPSZ UP TUVEFOUT BCJMJUJFT BOE OF

F FTUBCMJTIJOH BOE FO(C) Producing and Producing Teaching Materials  
 iour and procedures to maintain BOE BEBQUJOH FYJTUJOH NBUFSJB  
 PSEFS BNPOH TUVEFOUT E BTTFTTJOH TUVEFOUT QSPHSFTT

- (e) assisting students in classroom settings where subjects are taught in a language other than English and assisting in auditions or performing special teaching programmes for students still learning the main language.
  - (g) assigning and correcting work, and preparing BOE HSBEJOH FYBNT
  - (h) assessing, recording and reporting on students progress.

Some related occupations classified elsewhere:

Examples of the occupations classified here:  
 \* O U F O T J W F M B O H V B H F U F B D I P P M F E V D B U J P O U F B D I F S  
 . J H S B O U F E V D B U J P O U F B D I F S F D P O E B S Z T D I P P M U F B D I F S o  
 Practical language teacher 1 S J N B S Z T D I P P M U F B D I F S o  
 Second language teacher

Note

Some related occupations classified elsewhere:  
 Regular secondary and primary school teachers who  
 6 O J W F S T J U Z M F D U V S F S U F B D I N V T J D B S F D M B T T J G J F E J O 6 O J U  
 7 P D B U J P O B M F E V D B U J P O U F B D I F S & E V D B U J P O 5 F B D I F S T B O E  
 4 F D P O E B S Z T D I P P M U F B D I F S o  
 1 S J N B S Z T D I P P M U F B D I F S o

Unit Group 2355

Unit Group 2354

Other Arts Teachers

Other Music Teachers

Other arts teachers teach students in the practice, theory and performance of dance, drama and music outside the mainstream primary, secondary and higher education. Other music teachers teach students in the practice, theory and performance of music outside the mainstream primary, secondary and higher education in association with mainstream educational institutions.

- (c) preparing and presenting material on the preparation and presenting material on the
- (d) instructing and demonstrating practical aspects of singing or of playing a particular instrument
- (e) teaching students to read and write musical notation

(g) Organizing and assisting in performances



Some related occupations classified elsewhere: % BODF UFBDIFS QSJWBUF UVJUJP  
 6OJWFSTJUZ MFDUVSFS o %SBNB UFBDIFS QSJWBUF UVJUJP  
 7PDBUJPOBM FEVDBUJPO U1FBBJDUFS o UFBDIFS QSJWBUF UV  
 4FDPOEBSZ TDIPPM UFBDIFS &EVDBUJPOBM QTZDIPMPHJTU o  
 1SJNBSZ TDIPPM UFBDIFS &EVDBUJPOBM QTZDIPMPHJTU o  
 \*OUFOTJWF MBOHVBHF UFBDIFS DPVOTFMMPS o  
 .JHSBOU FEVDBUJPO UFBDIFS XPSLFS o  
 .VTJD UFBDIFS QSJWBUF UVJUJPO o

Sub-ma-or Group 24

Business and Administration Professionals

Business and administration professionals perform analytical, conceptual and practical tasks

UP QSPWJEF TFSWJDFT JO m O B ONDF JOBUM QVBCUMJFDS TS F MVB N B PO S F LFUJOH BOE TBMFT JO UIF UFDION V B MD BNUJ P ODTB MIF DJ O B MSPNHEZU B S BOE DPOEVDU SFWJFXT PG PSHBO J [TBUJFNPTO B M XFUNS MD B V SRFV B ONUJW BOBMZTFT PG JOGPSNBUJPO B FDUJ W HU JODRASFGTRUSNF B O DCFS P HOS BNPI PDDVQBUJPOT JO UIJT TVC NBKPS J IHS P S Q S T E R W U N F M F W J F W M T B U

5BTLT QFSGPSNFE CZ XPSLFST JO M EJFT TDVPCM IMEFKDPUSJ GH S P VCOO V M V B N JOUFSQSFUJOH JOGPSNBUJPO POV S J H F B O B OUDSJBBEM OVM J B C E J D W J U V Z PG PSHBOJ [BUJPO T DPOEVDUJOH B V E J B O E O S P O U B S P M O M J O H B U O S D F T Z T U F N T G P S P S H B O J [ B U J P O T E F W B O M P E C O J E D H T U B S O B E U F S H M F J F X B O H D W C V Z B O E T F M M P S E F S T B O E O F H P N U N B B J J O H F T U I F E F O W I S M P B O T J F O B O E J N N F O U J O H B O E F W B M V B U J O H T U B S O F L D S O V S J U H N S F B O N U N F U S B S J F O T F O B S D B O E E F W F M P Q J O H B O E J N Q M F N F O U J O H N E B J S H O F T J J O T H U V E E Q B O C H V B M B D E I S W F M P Q J O H N F U I P E T B O E Q P M J D J F T B O E C M O S O M T F T E P O D E F S O B S U P J N B O E F F D U J W F O F T T B D R V J S J O H B O E B W E B O U J N O C H F W O L P X S M F E H P P E B O E T F S W J D F T B O E P G N B S L F U D P E O T E B L O J E P O F T Y Q M B T J O T J O H O H B O D E V T E U P O T U S B U J O H H P P E T B O E T F S W J D F T U P U I F N

ODDVQBUJPOT JO UIJT TVC NBKPS XHJSOPHV QV JBOSPFS DHMS P T V T J T m F E J O U

- 241 Finance Professionals
- 242 Administration Professionals
- 243 Sales, Marketing and Public Relations Professionals

Minor Group 241

Finance Professionals

'JOBODF QSPGFTTJPOBMT QMBO TELF W N M O B H F P S B O E O D P F O E V B E N J R O V U J U B U J W F B O B M Z T F T P G F J U I F S m T O C B S J B O M E J B A D J C E P V B O M U T O H T T U Z B T W M N B O E Q V C M J D P S Q S J W B U F J O T U J U V U J P O T

5BTLT QFSGPSNFE VTVBMMZ JODMVEBM Q S B O B S F O H T B O E S P S O B P O S J [ B U J P O S F W J F X J O H m O B O D J B M E N J B O U H S r d B M O D B B M B E P V S H D B F O J U [ P B W J E V B M T B O E P S H B O J [ B U J P O T Q S H F Q T B S I N C F H O U B T O B M Z W U J F D F S D F P O O P P S N and the economy as a whole.

ODDVQBUJPOT JO UIJT NJOPS HSPHV QV B S U F H D S M P B T O T T J m F E J O U P U I F

- 2411 Accountants
- 2412 Financial and Investment Advisers
- 2413 Financial Analysts

Unit Group 2411

Accountants

"DDPVOUBOUT QMBO PSHBOJ [BUJPO T DPOEVDUJOH T Z T U F N T G P S - J O E J O W J E V B M T B O E F T U B C M P R O B L E M S O u d c o n t r e s t i g v i s i t e d c l a i m s and analyse the accounting and nancial records D M P M T E B S T E B O F E S F T U B B I N J O P S Z P S P U I F P G J O E J W J E V B M T B O E F T U B C M P R O B L E M S O u d c o n t r e s t i g v i s i t e d c l a i m s racy and compliance with established accounting C F G P S F U B Y P D J B M T standards and procedures. (d) preparing or reporting on profit forecasts

5BTLT JODMVEF o BOE CVEHFUT

F D P O E V D U J O H m O B O D J B M B O E J O W F T U N F O U H B E W J T J O H N B O  
 N B U U F S T B T T V T Q F D U F E C S A B E P L A N N E R J O T P M W F O D Z B O E  
 C B O L S V Q U D Z F I N A N C I A L P L A N N E R  
 G B V E J U J O H B D D P V O U T B O E C O W I L I T R U F N O F J O U H B E F W J P T S E T  
 H D P O E V D U J O H J O W F T U J H B U J P O T B O E B E W J T J O H N B O  
 B H F N F O U P O m O B O D J B M B T Q F D U T P G Q S P E V D U J W J U Z  
 T U P D L I P M E J O H T T B M F T O F X O S P E V D U T F U D  
 I E F W J T J O H B O E D P O U S P M M J O H T Z T U F N T U P E F U F S  
 N J O F V O J U D P T U P G Q S P E V D U T B O E T F S W J D F T

Examples of the occupations classied here: ' J O B O D J B M B O B M Z T U T D P O E V D U R V B  
 " D D P V O U B O U P G J O G P S N B U J P O B F D U J O H J O W F T U N  
 " V E J U P S P G Q V C M J D P S Q S J W B U F J O T U J U V U .  
 C e r t i e d a c c o u n t a n t 5 B T L T J O D M V E F o  
 C h a r t e r e d a c c o u n t a n t (a) a n a l y s i n g n a n c i a l i n f o r m a t i o n t o p r o d u c e  
 F i n a n c i a l c o n t r o l l e r f o r e c a s t s o f b u s i n e s s , i n d u s t r y a n d e c o n o m i c  
 \* O T P M W F O D Z U S V T U F F D P O E J U J P O T G P S V T F - J O N B L J O H  
 . B O B H F N F O U B D D P V O U B O U D J T J P O T  
 5 B Y B D D P V O U B O U (b) m a i n t a i n i n g k n o w l e d g e a n d s t a y i n g a b r e a s t  
 P G E F W F M P Q N F O U T J O U I F G J

Some related occupations classied elsewhere: ' J O B O D F N B O B H F S o  
 " D D P V O U J O H B T T J T U B O U D J O U F S Q S F U J O H E B U B B F D U J O H  
 # P P L L F F Q F S o g r a m m e s s u c h a s p r i c e , y i e l d , s t a b i l i t y , f u t u r e  
 U S F O E T J O J O W F T U N F O U S J T L T E  
 n V F O D F T

Unit Group 2412

Financial and Investment Advisers

' J O B O D J B M B O E J O W F T U N F O U H B E W J T S F O S N F E F U W B M I F O D M J O B O U S B E F  
 D J B M Q M B O T G P S J O E J W J E V B N P N O B C O E Z P S W B D J T B O E O C T S B D O B M  
 J O W F T U B O E N B O B H F G V O E F P S F D P F N I S F O E J U M G J O W F T U N F O U T E  
 5 B T L T J O D M V E F o U J N J O H U P D P N Q B O J F T J O W F T U N F  
 B C V J M E J O H B O E N B J O U B J O P S O H I B D O W F O U J O B I T Q V C M J D  
 C J O U F S W J F X J O H D M J F O (f) D e t e r m i n i n g t h e p r i c e s a t w h i c h s e c u r i t i e s  
 T U B U V T B O E P C K F D U J W I P T M E S C J F T L Z O L E P D M B I S E B B O D E F P B S O F I E U  
 P U I F S J O G P S N B U J P O O F F E H E W P S F E C F B V S F J M P H Q O m B O O T P G B D U J P O  
 D J B M Q M B O T B O E J O W F T U N B O R J E T R O C B U C B I O D J B M B O B M Z T F T  
 D T F U U J O H m O B O D J B M P C K F D U B J M W B T U J O H O B O E F V P F N O B S J O H U I F  
 B O E J N Q M F N F O U J O H T U S B U P F G H W F B S G P S T B D R D F V S J O H F T J O B H J  
 U I F N (i) p r e s e n t i n g o r a l a n d w r i t t e n r e p o r t s o n g e n -

(d) a r r a n g i n g t o b u y a n d s e l l s t o c k s a n d b o n d s F S B M F D P O P N J D U S F O E T J O E J W  
 G P S D M J F O U T a t i o n s a n d e n t i r e i n d u s t r i e s .

F N P O J U P S J O H J O W F T U N F O U Q F S G P S N B O D F B O E S F  
 W J F X J O H B O E S F W J T J O H E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e  
 P O N P E J m F E O F F E T B O E D I B O O H a n a l y s t J O N B S L F U T  
 (f) r e c o m m e n d i n g a n d a r r a n g i n g i n s u r a n c e \* O W F T U N F O U B O B M Z T U  
 D P W F S G P S D M J F O U T S e c u r i t i e s c o n s u l t a n t

Minor Group 242

Administration Professionals

" E N J O J T U S B U J P O Q S P G F T T J P O B M T T S F O M B M I Z E W P S J I P Q S P W P O H D  
 F F D U J W F O F T T P G P S H B O J [ B U J P O T H B C O J E [ B U I J P O E J W J E V B M T X J U I  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M H V E O J [ B W B A M O V T B U B O C E H T W I F H F U S  
 B S F B T P G J N Q S P W F N F O U F O T V S J O E B O B P S U H I F O B Q F S B R U C P R O S E F M D P D U

X J U I U I F Q P M J D Z P C K F D U J W F T P J G J U H P S F H W O M [ B O J J O H B S O F E D S V P J W O  
personnel within an organization.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B / T O T T J m F E J O U P U I F

**2421 Management and Organization Analysts**

**2422 Policy Administration Professionals**

**2423 Personnel and Careers Professionals**

**2424 Training and Staff Development Professionals**

Unit Group 2421

**Management and Organization Analysts**

. B O B H F N F O U B O E P S H B O I P M B U J Z P O E N B J O B T M U S B U J T P O B Q T S P G B T T J P O  
P S H B O J [ B U J P O T U P B D I J F W A n a l y s e p o l i c i e s f u n d i n g t h e d e s i g n i m p r o v e m e n t a -  
T P M W F P S H B O J [ B U J P O B M Q U S J P P C O M I B N O T E S P I E Z I n T D B E J Z P P O S P G H P W F  
organizational structures, methods, systems and commercial operations and programmes.  
procedures.

5 B T L T J O D M V E F o (a) liaising and consulting with programme ad-  
B B T T J T U J O H B O E F O D P m i n i s t e r s a n d o t h e r i n t e r e d u c a t i o n a l p a r t n e r s O U

P G P C K F D U J W F T T U S B U F H J F E F B O J E G Z N O P O T J D E Z J N O F F E B T U  
B D I J F W J O H D V T U P N F S T B U C T G B D W J F X J E C H E F U Y J T B J O H Q P M J D J F  
D J F O U V T F P G P S H B O J [ B U J P O T J E S F O P V S Z F B O P N B M J F T B O E P V U

C B O B M Z T J O H B O E F W B M V T B O O H D V S S F O U T Z T U F N T  
B O E T U S V D U V S F T (c) researching social, economic and indus-  
D E J T D V T T J O H D V S S F O U T Z T U S F J N B T M X W I S I F O E B B O E D M J F O U F Y Q F

T F S W J O H T Z T U F N T B U B M M H S B M N I T B O E P S H S W J D F U J O S P W J E F E  
(d) directing clients towards more efficient (d) formulating and analysing policy options,  
H B O J [ B U J P O B O E E F W F m o r e p a r a g r a m m e s a n d o t h e r i n t e r e d u c a t i o n a l p a r t n e r s P S

H B O J [ B U J P O B M Q S P C M F N T E B U J P O T G P S Q P M J D Z D I B O H F T  
F V O E F S U B L J O H B O E S F W O S F X G F O S H S F X P S O U T P O V E J F T C Z  
B O B M Z T J O H F Y J T U J O H (e) assessing impacts, environmental implications, in-  
B O E Q S P D F E V S F T T V D I B T t e a c h n o l o g y w i t h u s e r u p o n e m p l o y m e n t a n d p o l -

D M F S J D B M Q S P D F E V S F T J U J D B M B O E B E N J O J T U S B U J W F G F B  
(f) recording and analysing organizations (f) conducting threat and risk assessments and  
X P S L n P X D I B S U T S F D P S E T E S W O M S P O T J O H B S O F E D M O T F T

B O E K P C E F T D S J Q U J P O T H S F W J F X J O H P Q F S B U J P O T B O E C  
(g) preparing and recommending proposals to ensure consistency with policies of the organ-  
S F W J T F N F U I P E T B O E Q S z a t i o n F E V S F T B M U F S X P S L

n P X T S F E F m O F K P C G V O D U J P O T B O E S F T P M W F P S  
H B O J [ B U J P O B M Q S P C M F N E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i f i e d h e r e:  
I B T T J T U J O H J O J N Q M F N F O I n t e l l i g e n c e B o c k S P W F E S F D P N

N F O E B U J P O T J T T V J O H S F W J P o l i c y a n a l y s t U S V D U J P O T B O E  
procedure manuals and drafting other docu- 1 P M J U J D B M B E W J T F S  
N F O U B U J P O

J S F W J F X J O H P Q F S B U J O H Q S P D F E V S F T B O E B E W J T J O H  
of departures from procedures and stand-  
ards.

Unit Group 2423

**Personnel and Careers Professionals**

Examples of the occupations classified here:

Business consultant

. B O B H F N F O U D P O T V M U B O U

Organization and methods analyst

1 F S T P O O F M B O E D B S F F S T Q S P G F T T J P O  
G F T T J P O B M C V T J O F T T T F S W J D F T S F M  
Q P M J D J F T T V D I B T F N Q M P Z F F S F D S V  
P Q N F O U P D D V Q B U J P O B M B O B M Z T J T  
guidance.

Some related occupations classified elsewhere:

# V T J O F T T B O B M Z T U \* 5

5 B T L T J O D M V E F o  
B B E W J T J O H P O B O E Q F S G P S N J O H  
tions relating to employee recruitment,



- placement, training, promotion, compensation, and writing detailed position, job or occupation descriptions from information or working on occupational classification system, preparing occupational information or working on occupational classification system, other aspects of job and occupational analysis in such fields as personnel administration, workforce research and planning, training or occupational information and employment opportunities, career choices and desirable.
- (b) studying and analysing jobs performed in management, and writing detailed position, job or occupation descriptions from information or working on occupational classification system, preparing occupational information or working on occupational classification system, other aspects of job and occupational analysis in such fields as personnel administration, workforce research and planning, training or occupational information and employment opportunities, career choices and desirable.
- (c) preparing occupational information or working on occupational classification system, other aspects of job and occupational analysis in such fields as personnel administration, workforce research and planning, training or occupational information and employment opportunities, career choices and desirable.

Examples of the occupations classified here:

- \$ B S F F S T B E W J T F S
- ) V N B O S F T P V S D F F Y Q F S U
- Job analyst
- Occupational analyst
- O V U Q M B D F N F O U F Y Q F S U
- Personnel specialist
- Recruitment officer
- Vocational guidance counsellor

G Q S P N P U J O H J O U F S O B M B O E F Y U F  
 E F W F M P Q N F O U B O E - F W B M V B U J  
 U J P O B M B D U J W J U J F T  
 H N P O J U P S J O H B O E Q F S G P S N J O H  
 B U J P O B O E B T T F T T N F O U P G J O U F S O  
 U S B J O J O H R V B M J U Z - B O E F G G F  
 W J F X J O H B O E N P E J G Z J O H U S B J O J O  
 N F U I P E T B O E D P V S T F E F M J W F S B C M  
 I H B U I F S J O H J O W F T U J H B U  
 background materials to gain an understanding of the  
 T U B O E J O H P G W B S J P V T - T V C K F D U N I  
 tems.

Unit Group 2424

**Training and Staff Development Professionals**

Examples of the occupations classified here:

4 U B E F W F M P Q N F O U P D F S  
 5 S B J O J O H B O E T U B G G E F W S B U J P O B M T  
 Q M B O E F W F M P Q J N Q M F N F O B U S B O E S D F V B M W B N J P Q N S B U O T J C O F H D J B

Minor Group 243

**Sales, Marketing and Public Relations Professionals**

4 B M F T N B S L F U J O H B O E Q V C M J D P S C F M B U P P S C E T J O E S U P G F B D J E P O B I N O T M  
 Q S P H S B N N F T P G J O G P S N B U J P O E J T T T F N J H O P E P L E J T P O L E P T O E S R V N J P D U F T P B  
 represent companies in selling a range of technical, industrial, medical, pharmaceutical and  
 \* \$ 5 H P P E T B O E T F S W J D F T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V M B S L D F R J N N F T T F B P S O J I O H B O B M Z V T O  
 U I F M O E J O H T B O E Q M B O O J O H B E W U \$ P O T J B D U J N A B J S L J F F U T J O H V D Q E P  
 C V T J O F T T H S P X U I B O E E F W F M P Q N F O U U W I P S O P V H G I N B I S L O S J E O B I S B O  
 K F D U J W F T Q P M J D J F T B O E Q S P H S B N D N J F U T Z O B M N C O B O J H O O H T B O E Q P S S H U B  
 and selecting material submitted by writers, photographers, illustrators and others to create  
 G B W P V S B C M F Q V C M J D J U Z B D R V J S J D I H S B O B O V E Q E D B P U N O H U J L O P S X T N  
 H P P E T B O E T F S W J D F T B O E P G N B S I F U O D I P E O T E J B U O I P C F T Y Q M B T J F O T J O J H O

EFNPOTUSBUJOH HPPET BOE TFSW QDSPT QJPD UJFNF DMJTBDOJOBVSB  
UP FTUBCMJTI BOE BDU PO NBSHLPUJBJHJQD QPSSJUDVOTJLBJOFET  
terms, and completing contracts.

ODDVQBUIJPOT JO UIJT NJOPS HSPHW QV BJSF HDS/PB/TQTJ mFE JOUP UIF

**2431 Advertising and Marketing Professionals**

**2432 Public Relations Professionals**

**2433 Technical and Medical Sales Professionals (excluding ICT)**

**2434 Information and Communications Technology Sales Professionals**

Unit Group 2431

**Advertising and Marketing Professionals**

Unit Group 2432

**Public Relations Professionals**

"EWFSUJTJOH BOE NBSLFUJ O1HV QNSPQF TSTJN B B MPTOEF WDSM B E T T T J P O B I  
BOE DPPSEJOBUF BEWFSUJ TOJN HNFQDSJB B DHEJFW B M Z B D F N J O G P S N B U  
paigms, determine the market for new goods and services and develop marketing  
TFSWJDFT BOE JEFUJGZ BBOEE BF W B W P V S B B S I E F W J F Q Q P G S C V T J O F T  
UVOJUUJFT GPS OFX BOE FY JHTBUOJ O [ H U H P P P C E T T B L O I E F J T S F S H A P J P D E F T T B O E T  
5BTLT JODMVEF o role in the community.

B QMBOOJOH EFWFMP QJ B M L B O D D M S V H E B O o J [ J O H B E  
WFSUJTJOH QPMJDJFT (a) Organizing and conducting public relations campaigns  
TBMFT PCKFDUJWFT BOE DPNNVOJDBUJPO TUSBUFHJFT  
C BEWJTJOH NBOBHST BOE DMEWOUTU OPH TFS B W F U H J W F T P O U  
and campaigns to reach target markets, create implications of their policies, programmes  
BUJOH DPOTVNFS BXB Safe Practices, and Preparation and Control of Wg M Z  
promoting the attributes of goods and services- UIF JTTVF PG OFXT BOE QSFTT SFM  
WJDFT (c) undertaking and commissioning public  
D XSJUJOH BEWFSUJTJOH Hspiral Research and Analysis of the Bindings and Q U T  
BOE BSSBOHJOH UFMFWJTJ Planning Public Relations and Publicity  
BOE NFEJB QMBDFNFUO D B N Q B J H O T

(d) collecting and analysing data regarding competition, competitors and social functions  
TVNFS QBUUFSOT BOE QSF G A R M E T C O M P E T I T I O N S A N D S O C I A L F U N C T I O N S  
(e) interpreting and predicting current and future trends UP QSPNPUF HPPEX-JMM BOE  
GVUUSF DPOTVNFS USFOET MJDJUZ

(f) researching potential demand and market (e) representing organizations and arranging in-  
DIBSBDUFSJTUJDT GPS OFX W H P S W J T F X O E X J T S W J D C M T J D J U Z N F E J B  
H TVQQPSUJOH CVTJ (f) Attending to business, social and other functions M P Q  
NFOU UISPVHI UIF QSFQBSUBJJPOT D B P O E Q S F Y N D M B J P O F P S H B O J [ B  
PG NBSLFUJOH PCKFDUJWFT (g) Commissioning and obtaining photographs  
HSBNNFT BOE PUIFS JMMVTUSBUJWF NBUFSJF

(h) commissioning and undertaking market re-l TFMFDUJOH BQQSBJTJOH BOE S  
search to identify market opportunities for submitted by publicity writers, photogra-  
OFX BOE FYJTUJOH HPPET phers, illustrators and others to create fa-  
J BEWJTJOH PO BMM FMFNFVOTVS B G M F B S L V F O M O D H J U Z D I B T  
QSPEVDU NJY QSJDJOH BEWFSUJTJOH BOE TBMFT

promotion, selling and distribution channels. Examples of the occupations classif ed here:  
Press liaison officer  
Publicity agent  
Public relations copy writer  
Public relations officer

Examples of the occupations classif ed here:

- "EWFSUJTJOH TQFDJBMJTU
- .BSLFUJOH TQFDJBMJTU
- .BSLFU SFTTFBSDI BOBMZTU

Unit Group 2433  
Technical and Medical Sales Professionals  
(excluding ICT)

Unit Group 2434  
Information and Communications Technology  
Sales Professionals

5FDIOJDBM BOE NFEJDBM Information and Communications Technology  
DMVEJOH \* \$ 5 SFQSFTFOUBUJWF 5DPTNBMBOJQSPGDTTJPNBIMDHFMBM  
range of industrial, medical and pharmaceutical MFWFM B SBOHF PG DPNQVUFS  
HPPET BOE TFSWJDFT UP Jan Other Information and Communications  
fessional and other establishments. UFDIOPMPHZ HPPET BOE -TFSWJDFT J

5BTLT JODMVEF o MBUJPOT BOE QSPWJEF TQFDJBM  
B DPNQJMJOH MJTUT- P S F Q S P S T F O U B U J W F D M J F O U C V T J  
OFTTFT CZ VTJOH EJSFDUPS 5BTLT BOE DPMVES Top VSDFT  
C BDRVJSJOH BOE VQEB (a) Soliciting orders and selling goods to retail,  
QMPZFAST BOE DPNQFUJUPS Industrial Wholesale and Foreign Establish-  
BOE PG NBSLFU DPOEJUJPNFOUT  
D WJTJUJOH SFHVMBS BOE T E S M T J O H D U J W I F O J D N B - M F O U R V O Q N J F O  
nesses to establish and act on selling oppor-MBUFE TFSWJDFT UP CVTJOFTT FT  
UVOJUJFT JOEJWJEVBMT

(d) assessing clients needs and resources and EJT D V T T J O H U I F O F F E T P G O F  
recommending appropriate goods or ser- D V T U P N F S T B O E Q S P W J E J O H T Q F D  
WJDFT NBUJPO BCPVU IPX OBSUJDVMBS

F QSPWJEJOH JOQVU U T P Q O S P F E T V B O E E F \$ W H D F T X N F \$ B U  
HPPET PS TFSWJDFT NVTU ECF R V B P W J P O S H E B O F E T O F J H P D M B U J O H Q S  
FOUT OFFET terms, and completing contracts and re-  
G EFWFMPQJOH SFQPSUT D P S E J O S P O S P E T S M T B T Q B S U P G  
sales presentations to demonstrate bene(e) updating customer records and preparing  
GSPN UIF VTF PG HPPET P S B M F S W S J D C F P S U T

(g) estimating costs of installing and main G B S S B O H J O H E F M J W F S Z P G H P P E  
UBJOJOH FRVJQNFOU PS TFSRWJDNFOU BOE UIF QSPWJTJPO PG

(h) monitoring customers changing needs and H S F Q P S U J O H D V T U P N F S T S F B D  
DPNQFUJUPS BDUJWJUZ re-Bo to Manufacturers SOH UIFTT EF  
WFMPQNFOUT UP TBMFT NBOBHFNFOU

J RVPUJOH BOE OFH Examples of the occupations classi ed here: D S F E J U  
terms, and preparing and administering 4 B M F T S F Q S F T F O U B U J W F D P N N V O  
TBMFT DPOUSBDUT technology)

K BSSBOHJOH EFMJWFSZ PG 4 B M F E T S F J O S T F U T F M M B U J W J P O D P N Q V U  
FRVJQNFOU BOE UIF QSPWJTJPO PG TFSWJDFT

(k) reporting to sales management on sales made Some related occupations classi ed elsewhere:  
BOE UIF NBSLFUBCJMJUZ PG 4 H P P E T B M F E T T F T S W J D B O U o

(l) consulting with clients after sale to ensure a  
satisfactory resolution of any problems, and  
QSPWJEF POHPJOH TVQQPSU

Examples of the occupations classi ed here:  
4BMFT SFQSFTFOUBUJWF JOEVTUSJBM QSPEVDUT  
4BMFT SFQSFTFOUBUJWF NFEJDBM BOE  
pharmaceutical products)  
5FDIOJDBM TBMFT SFQSFTFOUBUJWF

Some related occupations classi ed elsewhere:  
4BMFT SFQSFTFOUBUJWF DPNNVOJDBUJPOT  
UFDIOPMPHZ o  
4BMFT SFQSFTFOUBUJWF DPNQVUFST o  
\$PNNFSDJBM TBMFT SFQSFTFOUBUJWF o

Sub-major Group 25

Information and Communications Technology Professionals

\* O G P S N B U J P O B O E D P N N V O J D B U J P O T S J F T D F I B S P M P H C Z M B S O P G E F T J P O X S J U F U F T U Q S P W J E F B E W J D F B O Z T J U N F Q S P W I B S J E O X G B P S S F N B U B B O X U B B O E S F M B U F E D P O D F Q U T G P S T O F E J E n P D D B Q Q M J D B U J P O T O D D M F M V F M H P D J Q M F T Q P M J D J F T B O E Q S P D N B V S B B J O B B O E E F T Q Q O S U E E B U F B M and other information systems to ensure optimal performance and data integrity and security.

5 B T L T Q F S G P S N F E C Z X P S L F S T J O M E F T S V C F N B S K P S O H I S P O Q P S T V U J P O U F D I O P M P H Z V T F J O C V T J O S T J N C S Y R W M U N P O U B J C E F O S L F J G F Z B J S O D H U I F U I F P S F U J D B M B T Q F D U T B O E P D Q P F N S O B W U J P S T B M F W B M V B U J O H P S O n i n g and designing hardware or software configurations for specific applications including G P S \* O U F S O F U \* O U S B O F U B O E N O V H M U J N F F E J J B O H T Z B O E N N T B J O F U T B J J H D P N Q V U F S Q S P H S B N T E F T J H O J O H S F B B O E E F E W B B M C B D T O H N E O B I B N F O U T Z T U F N T E F W F M P Q J O H B O E J U N B Q N E N F O U T O S I B U B B O S O U P Z M O B O E B E N J O J T U F S J O H D P N Q V U F S O F U P X O P N S F L O U B O E B S B M B U J F O H D P E N F O W P Q J O H J O U F S Q S F U J O H B O E F W B M V B U J O H U W O B U D V P S N F Q M C F F Y D T J Z H T W B B U J P E O T J N P E F M T B O E E J B H S B N T J O U I F E F W B B M J P P O D N P C G U D P D N P C O V M H F S S B Z I T W J O O D D V Q B U J P O T J O U I J T T V C N B K P S P X H J S O P H V Q N J B O S P F S D H M S B T V T Q J T m F E J O U

- 251 Software and Applications Developers and Analysts
252 Database and Network Professionals

Minor Group 251

Software and Applications Developers and Analysts

4 P G U X B S F B O E B Q Q M J D B U J P O T E F W S I D M P E O C F I S T Q M O B E O B O E B F M Z I H U O T D X U F T U Q S P W J E F B E W J D F P O B O E J N Q S P T W F D I J B G P I S E N S E B U K J B P S C F U F B G C X B S F B O E P U I F S B Q Q M J D B U J P O T U P U N O F U U Q T O S F O B B N B S O F D R A V J S O N F P D D V Q B U J P O T J O U I J T T V C N B K P S J I H S P S Q S F E R W U J N F M F W J F W M M T B U 5 B T L T Q F S G P S N F E V T V B M M Z J O D M W I E P H Z S V T I F B J S O D I C V O T H J O F O T G P S M O D J B O E J E F O U J G Z J O H B S F B T J O X I J D I J N Q S P F W F N F O W J T W F O V M E B O E N F m D J F O D Z D P O E V D U J O H S F T F B S D E P C O L F P S E J U J P O I E F N S N F E U D P B E M B P S F U D P G D P N Q V U F S T F W B M V B U J O H Q M C B O X B J S O F H D B P O E m E H A V T S J B H U O J P O H T I C B P S S E D J m D B Q Q M J D B U J P O T E F T J H O D P H I Q X U S F J S J Q C S H P H S U B F N T T U J G O P S B O E S F R V J S F N F O U T F W B M V B U J O H B O M F B J O B O E H N V B M O U E J N E F F E T J B H O Z I T O U F O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B V T O T T J m F E J O U P U I F

- 2511 Systems Analysts
2512 Software Developers
2513 Web and Multimedia Developers
2514 Applications Programmers
2519 Software and Applications Developers and Analysts Not Elsewhere Classified

Unit Group 2511
Systems Analysts

Systems analysts conduct research, analyse and... FWBMVBUB DMJFOU JOGPSNB... implement proposals, recommendations and... QMBOT UP JNQSPWF DVSS... systems.

5 B T L T J O D M V E F o (a) consulting with users to formulate document SFRVJSFNFOU BOE XJUI NBOBHFNF... BOE TZTUFN GVODUJPOBMMJUZ BOE

(d) taking responsibility for deploying functional solutions, such as creating, adopting  
 Software designer  
 4 P G U X B S F E F W F M P Q F S  
 B O E J N Q M F N F O U J O H T Z T U F N S o f t w a r e e n g i n e e r  
 F E F W F M P Q J O H G V O D U J P O B M T Q F D J m D B U J P O T G P S V T F  
 C Z T Z T U F N T E F W F M P Q F S S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
 G F Y Q B O E J O H P S N P E J G Z J O C H Q M Z D B U J N P T O T U R S J P N H S S B N W F S o  
 X P S L n P X P S T F S W F O F X Q V S Q P T F T

(g) coordinating and linking the computer systems within an organization to increase compatibility.

Unit Group 2513

**Web and Multimedia Developers**

Examples of the occupations classified here:

# V T J O F T T B O B M Z T U \* 5 8 F C B O E N V M U J N F E J B E F W F M P Q N F O U  
 Computer scientist combine design and technical knowledge to re-  
 Information systems analyst T F B S D I B O B M Z T F F W B M V B U F E F T J  
 Systems consultant modify websites and applications that draw to-  
 4 Z T U F N T E F T J H O F S \* 5 H F U I F S U F Y U H S B Q I J D T B O J N B U J P O T  
 B O E W J E F P E J T Q M B Z T B O E P U I F S J O

Some related occupations classified elsewhere:

5 B T L T J O D M V E F o  
 4 Z T U F N T B E N J O J T U S B U P S B D P B N O C B W J Z S J O H o E F T J H O J O H B O E E F V  
 \$ P N N V O J D B U J P O T B O B M Z T U U F D T P O Z V B U C F S M Z J o H B N J Y U V S F P  
 D S F B U J W J U Z X J U I T P G U X B S F Q  
 / F U X P S L B O B M Z T U o  
 s c r i p t i n g l a n g u a g e s a n d i n t e r f a c i n g w i t h o p -  
 F S B U J O H F O W J S P O N F O U T  
 C E F T J H O J O H B O E E F - W F M P Q J O H

Unit Group 2512

**Software Developers**

4 P G U X B S F E F W F M P Q F S T S F T F B S D C H V B C H F M Z T F B O E F W B M  
 V B U F S F R V J S F N F O U T G P S (c) F o r m u l a t i n g a n d i m p l e m e n t i n g s o f t w a r e a p p l i c a t i o n s a n d o p e r a t i n g s y s t e m s , a n d d e s i g n i n g w e b - r e l a t e d i s s u e s s u c h a s s e c u r i t y  
 E F W F M P Q U F T U B O E N B J O U B a n d h o s t i n g w e b s i t e s , t o c o n t r o l a n d c o n f i g u r e  
 N F F U U I F T F S F R V J S F N F O U T \* O U F S O F U B O E X F C T F S W F S T F D V  
 5 B T L T J O D M V E F o  
 B S F T F B S D I J O H B O B M Z J T U J F O C H D B L O Q E F O W E B E M T V B T W J F S H S F D P W  
 R V J S F N F O U T G P S T P G U E X B E S F J H B O J O M J D E B W F R I O Q J O H B O E  
 P Q F S B U J O H T Z T U F N T  
 C S F T F B S D I J O H E F T J H O J O H a s i m a g e s a n d a d o w n l o a d s c r i p t i n g l a n - P N  
 Q V U F S T P G U X B S F T Z T U F N T  
 D D P O T V M U J O H X J U I F O H J O X F S T J O H F T T U B U P F W B M V B U F  
 J O U F S G B D F T C F U X F F O I B S E X B B F T B O U E J O P I G J X B S O F B M - Z T J O H T Q F D  
 E E F W F M P Q J O H B O E E b o n i n g I n t e r n e t S t r a t e g i e s , W e b - b a s e d M e t h o d s F T U J O H  
 B O E W B M J E B U J P O Q S P D F E V S P M P H J F T B O E E F W F M P Q N F O U Q M B O  
 F N P E J G Z J O H F Y J T U J O H T P G U X B S F U P D P S S F D U F S S P S T  
 t o a d a p t i t t o n e w h a r d w a r e o r t o u p g r a d e

Examples of the occupations classified here:

J O U F S G B D F T B O E J N Q S P W F " O F J S N C B U S J N P B O O S P H S B N N F S  
 G E J S F D U J O H T P G U X B S F C o m p u t e r g a m e s p r o g r a m m e r E E F W F M  
 P Q N F O U P G E P D V N F O U B U J P O \* O U F S O F U E F W F M P Q F S  
 H B T T F T T J O H E F W F M P - Q J O H . V W Q U H S I B E J B H Q S P O H S E N P D V S  
 m e n t i n g m a i n t e n a n c e p r o c e d u r e s f o r o p e r - W e b s i t e a r c h i t e c t  
 B U J O H T Z T U F N T D P N N V O J D B B F P O J U F O E W J S P N O R O E S J T  
 B O E B Q Q M J D B U J P O T T P G U X B S F

(h) consulting with customers concerning maintenance of software systems.  
 Some related occupations classified elsewhere:  
 8 F C T J U F E F T J H O F S o  
 8 F C N B T U F S o

Examples of the occupations classified here:

Programmer analyst  
 8 F C T J U F B E N J O J T U S B U P S o  
 8 F C T J U F U F D I O J D J B O o

Unit Group 2514

**Applications Programmers**

" Q Q M J D B U J P O T Q S P H S B N N F S T X S J U F B O E N B J O U B J O programmable code outlined in technical instructions and specifications for software applications and operating systems.

- (a) writing and maintaining program code outlined in instructions and specifications in applications programs to increase operating efficiency or
- (c) conducting trial runs of programs and software applications to confirm that they will
- (d) compiling and writing documentation of
- (e) identifying and communicating technical problems, processes and solutions.

Example of the occupations classified here:

" Q Q M J D B U J P O T Q S P H S B N N F S

Some related occupations classified elsewhere:

- 1 S P H S B N N F S B O B M Z T U
- 4 P G U X B S F E F W F M P Q F S
- . V M U J N F E J B Q S P H S B N N F S

Unit Group 2519

**Software and Applications Developers and Analysts Not Elsewhere Classified**

5 I J T V O J U H S P V Q D P W F S T T P G U X B S F E F W F M P Q F S T B O E B O B M Z T U T O P U D M J O . J O P S ( S P V Q 4 P G U X B S F B O E % F W F M P Q F S T B O E " O B M Z T U T

- Group includes those professionals specializing in installing software and hardware and configuring operating system software in preparation of software application tests and information
- of information system testing policies, procedures and scripts.

Example of the occupations classified here:

F E F W F M P Q J O H B O E J N Q M F N F O U J O

Examples of the occupations classified here:

- o Quality assurance analyst (computers)
- o Software tester
- o Systems tester

Minor Group 252

**Database and Network Professionals**

% B U B C B T F B O E O F U X P S L Q S P G F T J O U P B O M T B C E F T T J V H O O P S E U W F I M F timal performance and security of information technology systems and infrastructure, including databases, hardware and software, networks and operating systems.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F B E S F D T J J H J O J O W S E F O E E B E U W F T M U V S F T E J D U J P O B S J F T B O E O B N J C F H N T D Q S W F E O D U J P O E F G P S O J J O G H P S T U S V D U J O H N P E J G Z J O H J O U F H S B O B O H N B O B M F N F O W J T O Z H T U B F O N E E F W F M P Q J O H B O E J N Q M F N F O U J O H Q T P F M J D S Z J U Z P O D W B O O U E E U J P B O T U B O E B S E T N B J O U B J O J O H B O E B S E A M B O U F E U F D S P J N O O H U D J P N Q F V O W S P O N F O U T B O B M Z T J O H E F W F M P Q Q M H Y J T Q U B S Q S E F U T J J O H O B B O E F D I J U F D U V S F T Q F D J M D B U J P O T E B U B Q N F E J M T D B O H H E V J S B H U S J E P N O T B J O integration of computer systems.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S F H D S P B T O T T J m F E J O U P U I F

- 2521 Database Designers and Administrators**
- 2522 Systems Administrators**
- 2523 Computer Network Professionals**
- 2529 Database and Network Professionals Not Elsewhere Classified**

Unit Group 2521

Database Designers and Administrators

(a) preparing master tables for the optimal performance and security of databases.

D E J B H O P T J O H I B S E X B S F B O E T P G U (d) performing data backups and disaster recovery.

Examples of the occupations classified here: Network administrator (computers)

Examples of the occupations classified here: Network administrator (computers)

(b) designing, constructing, modifying, integrating, implementing and testing database on the selection, application and implementation policy, documentation, standards and

Some related occupations classified elsewhere:

database access and usage and for the back

Computer Network Professionals

(f) performing the operational establishment and integrity controls.

Computer network professionals research, analyze, design, test and document strategies for implement, manage, maintain and configure network hardware and software, and monitor, troubleshoot and optimize performance.

Examples of the occupations classified here:

Examples of the occupations classified here:

Some related occupations classified elsewhere:

Some related occupations classified elsewhere:

Unit Group 2522

Systems Administrators

(a) maintaining and administering computer systems software, applications software and recording diagnosis and resolution of network configurations, and determining and ensuring network integrity and optimal network performance.

(a) installing, configuring, testing, maintaining and administering new and upgraded networks, software database applications, preparing and maintaining procedures and recording diagnosis and resolution of network faults, enhancements and modifications

Examples of the occupations classified here: Systems administrator (computers)

Examples of the occupations classified here: Systems administrator (computers)

Examples of the occupations classified here: (c) conferring with users to discuss issues such as  
Communications analyst (computers) BT DPNQVUFS EBUB BDDFTT OFFET  
Network analyst MBUJPOT BOE QSPHSBNNJOH DIBOH

Some related occupations classified elsewhere: SVTFT UP EFUFSNJOF XIFO UP VQEBU  
4ZTUFNT BOBMZTU o UFDUJPO TZTUFNT  
/FUXPSL BENJOJTUSBUP (e)

(e) modifying computer security files to incorporate new software, correct errors or change  
JOEJWJEVBM BDDFTT TUBUV T

(f) monitoring use of data files and regulate access to safeguard information in computer  
m MFT

Unit Group 2529

**Database and Network Professionals  
Not Elsewhere Classified**

H QFSGPSNJOH SJTL BTTFTTNF  
tests of data processing system to ensure

5IJT VOJU HSPVQ JODMVEFT ~~CBUBCBTF BOE~~ QFEXPS LQSPDFTTJO  
QSPGFTTJPOBMT OPU DMBTT JFDEV SFJWZFNFBSTV SJOT . JOFS  
(SPVQ %BUBCBTF BOE / (f) User Spoting & Training in CS and

For instance, the group includes information and rewalls to conceal confidential information  
communications technology security specialists as it is being transmitted and to keep out

\* O TVDI DBTFT UBTLT XPV Limited Digital Transfer

B EFWFMPQJOH QMBOT UP TBGFHVBSE DPNQVUFS m MFT  
against accidental or unauthorized modification, destruction or disclosure and to meet

Examples of the occupations classified here:

FNFHFODZ EBUB QSPDFTTJOH JDFB M GPSFOTJD TQFDJBMJTU

(b) training users and promoting security aware- 4FDVSJUZ TQFDJBMJTU \* \$ 5  
OFTT UP FOTVSF TZTUFN TFDVSJUZ BOE UP JNQSPWF  
TFSWFS BOE OFUXPSL F DJFODZ



Sub-ma-or Group 26

**Legal, Social and Cultural Professionals**

- F H B M T P D J B M B O E D V M U V S B M 0 S W F G P T S T J E P F O M B I V M P Q P 0 P V O D D U F S B T  
S J F T B O E P Q F S B U J P O B M N F U I P E T M P S X B C O M S B H 0 P X M E F E S H F U S S J F  
information and artefacts, psychology, social welfare, politics, economics, history, religion, lan-  
guages, sociology, other social sciences, and arts and entertainment. Competent performance

J O N P T U P D D V Q B U J P O T J O U I J T T W I C E N G B K S S J I H S P S Q T S I E R M J S F M F W L  
5 B T L T Q F S G P S N F E C Z X P S L F S T J O M E J T D V P C O E N V B D K U P J S O H I S S P F V T Q F B / S T D  
P O M F H B M Q S P C M F N T E S B G U J O H O M T B X P T O B M E H S I M H V N B B E J T P C O T M F  
B O E D P O E V D U J O H D B T F T J O B D P V O S S U P P I G F E U J B X H T Q J S O F T B J E D J R V H S U P V P F G  
E F W F M P Q J O H B O E N B J O U B J O J O H S D M J J V C I S T B S D P B C E F D H B O M H M S S Z F E  
J N Q S P W J O H P S E F W F M P Q J O H D P P E T F O P U S T B Q U I M Z S O F T L B 0 X M F F 0  
S F M B U J O H U P U I F m F M E P G T O P E D Q E F S I G F S N J F O H F J D M D J R U F 0 B S S  
B S U J T U J D X P S L T J O U F S Q S F U J O H B 0 E T D P 0 N V B O O I D B G U B D H I T O F X T

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H U S P H V Q N J B O S P F S D H M S P T Q J T m F E J O U

- 261 Legal Professionals**
- 262 Librarians, Archivists and Curators**
- 263 Social and Religious Professionals**
- 264 Authors, Journalists and Linguists**
- 265 Creative and Performing Artists**

Minor Group 261

**Legal Professionals**

- F H B M Q S P G F T T J P O B M T D P O E V D U D S V F J T F O B U S T I P 0 O M M H B B M M B Q S P D M T F  
M F N T Q M F B E D B T F T P S D P O E V D U T J O E S F P P A W D F V S U J K P V C E T J D J J O B N D P O V S R U D F F  
in courts of law and draft laws and regulations.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F S U B I L W O C H M D F M H J B F N O U C V M F E  
D M J F O U T C F I B M G B O E D P O E V D U J O H M P W J F H S B U K J P E Q D X J I F K Q Q S D E T F T  
B O E Q S P O P V O D J O H K V E H F N F O U J O S D P X P S S U L F S P T G N N B X C F 4 V Q D P S I W B F F

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V 0 B S U F H S M P B / T O T T J m F E J O U P U I F

- 2611 Lawyers**
- 2612 Judges**
- 2619 Legal Professionals Not Elsewhere Classified**

Unit Group 2611

**Lawyers**

- B X Z F S T H J W F D M J F O U T U I M 6 B I D U M P B G E W D B T F F P O B X J E F  
W B S J F U Z P G T V C K F D U T E E S B V B M 0 B W J F H B M O E E J R D H V N B F O C U E F F W  
S F Q S F T F O U D M J F O U T C F G P S F a n B a r g u m e n t s i n p r e p a r a t i o n f o r p r e s e n t a - P S  
tribunals and plead cases or conduct prosecu- U J P O P G D B T F T  
tions in courts of justice, or instruct barristers pleading clients cases before courts of law,  
to plead in higher courts of justice. U S J C V O B M T B O E B E N J O J T U S B U J W F

5 B T L T J O D M V E F o s t r u c t i n g b a r r i s t e r s t o p l e a d i n h i g h e r c o u r t s  
B H J W J O H D M J F O U T M F H B M P 0 E K W J D B D F O B X J E F W B S J F U Z  
of subjects and undertaking legal business (o n a c c e p t i n g b r i e f s a n d p l e a d i n g i n t h e h i g h e r  
D M J F O U T C F I B M G D P V S U  
(b) researching legal principles, statutes and pre- B D U J O H B T Q S P T F D V U P S P O C F I B  
W J P V T D P V S U E F D J T J P O T S F M F B O U L F E U P T Q F D J m D D B T F T

- (h) negotiating settlements in matters which are criminal cases, determining damages or
- (j) drawing up legal documents such as contracts, real estate transactions and wills and preparing statements of legal opinions.

Examples of the occupations classified here:  
 " U U P S O F Z  
 Barrister  
 Lawyer  
 Prosecutor  
 Solicitor

Examples of the occupations classified here:  
 Chief justice  
 Judge  
 . B H J T U S B U F

Some related occupations classified elsewhere:  
 \$ P V S U D M F S L o  
 + V T U J D F P G U I F Q F B D F o

Some related occupations classified elsewhere:  
 / P U B S Z o  
 \$ P O W F Z B O D J O H D M F S L o  
 - B X D M F S L o

Unit Group 2619

**Legal Professionals Not Elsewhere Classified**

Unit Group 2612

**Judges**

+ V E H F T Q S F T J E F P W F S D - J W Q M F B D E O B S P N J O S B M F O S V J D I O H E D B T F T F  
 ings in courts of law.

5 I J T V O J U H S P V Q D P W F S T M F H B  
 D M B T T J m F E F M T F X I F S F J O . J O P S ( S P  
 Professionals. For instance, the group includes  
 those who perform legal functions other than  
 judicial proceedings.

5 B T L T J O D M V E F o  
 B Q S F T J E J O H P W F S U S J B M T H B J O V E J O H B S E O H D F P O - M F H B M B T O

(b) interpreting and enforcing rules of procedure and making rulings regarding the admissi-  
 C J M J U Z P G F W J E F O D F D B S S B O H J O H Q S P Q F S U Z U S B O T G F S

(c) determining the rights and obligations of the  
 Q B S U J F T J O W P M W F E B O E J O F D U B I T F O T W S P J C W J O Z T K W S Z E V F U P O B U

(d) instructing the jury on points of law that are  
 B Q Q M J D B C M F U P U I F D B T E

Examples of the occupations classified here:

F X F J H I J O H B O E D P O T J E F S J O n e r F W J E F O D F J O O P O  
 jury trials and deciding legal guilt or inno-  
 cence or degree of liability of the accused or  
 E F G F O E B O U

+ V S J T U F Y D F Q U M B X Z F S P S K V E  
 Notary

Minor Group 262

**Librarians, Archivists and Curators**

- J C S B S J B O T B S D I J W J T U T B O E D V M B M J P S U J P E D W F R M G P B S B C I B W N F B T J O M  
 museums, art galleries and similar establishments.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M S H B O B [ Q O S I B U T B O H P O S F O R U W F R M  
 D I J W F T B O E B S U F G B D U T P G I J T F U T R J S J B B M F O T W S W V O S H B M I B J O S E T E B S G L F  
 B O E Q S F T F S W B U J P O P S H B O J [ J O H B J U F N D V P T M M I N F D U J E P S O U T I P B M B M O I E S B  
 T J N J M B S F T U B C M J T I N F O U T E F W F M D P Q P O I H M B D U E J R O B J P O G U B S F O P S B F  
 Q V C M J T I F E N B U F S J B M B O E N B L J O T H B J O E B S W B J B M U F E M J F O T U P J V V T F S F O  
 Q B S J O H T D I P M B S M Z Q B Q F S T B O E S F Q P S U T D P O E V D U J O H S F T F  
 O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q B S U F H D S P B V T O T T J m F E J O U P U I F

**2621 Archivists and Curators**

**2622 Librarians and Related Information Professionals**

Unit Group 2621

Archivists and Curators

" S U H B M M F S Z D V S B U P S
.V T F V N D V S B U P S

Records manager

" S D I J W J T U T B O E D V S B U P S T D P M M F D U B Q Q S B J T F B O E
F O T V S F U I F T B G F L F F Q J O H B O E Q S F T F S W B U J P O P G U I F
D P O U F O U T P G B S D I J W F T B S U F G B D U T B O E S F D P S E T P G
I J T U P S J D B M D V M U V S B M U B I E G r o u p 2 6 2 2 U B U J W F B O E B S U J T U J D
J O U F S F T U B O E P G B S U B O U L i b r a r i a n s a n d r e l a t e d i n f o r m a t i o n p r o f e s s i o n a l s Q M B O
E F W J T F B O E J N Q M F N F O U T Z T U F N T G P S U I F T B G F L F F Q J O H
P G S F D P S E T B O E I J T U P S J L i b r a r i a n s a n d r e l a t e d i n f o r m a t i o n p r o f e s s i o n a l s O U T
5 B T L T J O D M V E F o D P M M F D U T F M F D U E F W F M P Q P S H B
B F W B M V B U J O H B O E Q S B r a r y c o l l e c t i o n s a n d o t h e r i n f o r m a t i o n s e p a r a t e
N J O J T U S B U J W F I J T U P S J D S M F T M P H S H M O J W F J E F O E J B M O B S E P M P U
P U I F S Q V S Q P T F T B O E Q S P W J E F J O G P S N B U J P O G P S V T F

- (b) directing or carrying out the preparation of...
(c) researching the origin, distribution and use...
(e) directing or undertaking classification and...
(f) researching into, appraising, organizing and...
(h) planning and implementing the computer-

Examples of the occupations classified here:
" S D I J W J T U

Examples of the occupations classified here:
Bibliographer
Cataloguer
Librarian

Minor Group 263

Social and Religious Professionals

4 P D J B M B O E S F M J H J P V T Q S P G F T T J E P W M M P D P O P O D U F O S L T T F B S D P S J J F
P Q F S B U J P O B M N F U I P E T B Q Q M Z L M D P U X J N D F E H F D B O M N B J D J O H T U P D J O
B O U I S P Q P M P H Z I J T U P S Z Q T Z D I P M P S H X V B E F E T P W D I F E S M T F D S B M D T F J J
U I F O F F E T P G J O E J W J E V B M T B O E G B N J M J F T J O B D P N N V O J U
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F O T G P S N V S M B F U O I O H P S O E S F B K O F C
F D P O P N J D Q P M J U J D B M P S T P D J B M Z O T S J R O C H M O B T U S F W F O S D I B O H B

BOE USBDJOH UIF PSJHJO BOE FWHMNVUOROB NP GQ S IPFD FVTNFC SBOD  
IBWJJPVS PG JOEJWJEVBMT BOES HCSB SJCOH TQDSIPWMBIS MOZH QTBQDFJS  
SFQPSUT 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JODMVEFE  
ODDVQBUJPOT JO UIJT NJOPS HSPVQV BJSF HSBPB/TQTT mFE JOUP UIF

- 2631 Economists
- 2632 Sociologists, Anthropologists and Related Professionals
- 2633 Philosophers, Historians and Political Scientists
- 2634 Psychologists
- 2635 Social Work and Counselling Professionals
- 2636 Religious Professionals

Unit Group 2631

**Economists**

Economists conduct research, monitor data, and analyse information and prepare reports and plans local, regional or national areas to set sales

UP SFTPMWF FDPOP NJD BOE BOTEJOCSTJDO SHC WIFWTF BICTE GPS HPP E  
EFWFMPQ NPEFMT UP BOB M S S S market potential and future growth  
FDPOP NJD CFIBWJPVS BOE OBBOEU RUSO E F W F M Z Q SCPW J D F T T T U S B  
BEWJDF UP CVTJOFTT JOUFSFTU HSPVQT BOE HPWFSO

Examples of the occupations classified here:  
Econometrician  
& DPOP NJD BEWJTFS

(a) conducting research on market conditions in  
Economic and business problems. Economist  
5BTLT JODMVEF o  
B GPSFDBTUJOH DIBOHFT Economid analyst DPOP NJD FOWJS  
onment for short-term budgeting, long-term Economist  
QMBOOJOH BOE JOWFTUNF Labour Economist BUJPO

(b) formulating recommendations, policies and plans for the economy, corporate strategies  
Some related occupations classified elsewhere:  
BOE JOWFTUNFOU BOE VOE F S U B B U J O H D G B B T d C J M J U Z  
TUVEJFT GPS QSPKFDUT

(c) monitoring economic data to assess the effectiveness of government policies  
GFDUJWFOFTT BOE BEWJTF PO UIF BQQSPQSJBUFOFTT PG NPOFUBSZ BOE Unit Group 2632 P M J D J F T

(d) forecasting production and consumption and general economic and industry-specific data  
Sociologists, Anthropologists and Related Professionals  
TQFDJmD QSPEVDUT BOE Unit Group 2632 BTTFE PO SF

(e) analysing factors that determine labour force participation, employment, wages, and the practical application of their findings in the employment and other labour market outcomes  
Sociologists, anthropologists and related professionals  
DPOEJUJPOT TJPOBMT JOWFTUJHBUF BOE EFTDSJ  
F QSFQBSJOH GPSFDBT P S J F G O J B D P N F W B M V E J P Y Q F P G E J P D J F U  
UVSF JOUFSFTU SBUFT B O E F F O Y E R B O H F C S B U X F F T F O F O W J S P O N

(f) applying mathematical formulae and statistical methods to economic data  
BOE IVNBO BDUJWJUJFT 5IFZ QSPW  
DPNFT 5BTLT JODMVEF o

(g) compiling, analysing and interpreting economic data using economic theory and methods  
J TUJDBM UFDIOJRVFT UP U o p e n t , F r a c t i o n s , D i a l l a b e r s , E r g a n -  
BOE EFWJTF TPMVUJPOT U z a t i o n s a n d I n t e r d a t a b i l i t y o f H u m a n

(h) Through the study of changing characteristics concerning public economy and finances, and through the material remains of its past, courses of action in the light of past, presents dwellings, temples, tools, pottery, coins,  
BOE QSPKFDUFE FDPOP NJD X G B O R O P S T P S B O D V M S C W E S T F

(d) studying physical and climatic aspects of X J U I H P W F S O N F O U B O E Q P M J U J D B M areas and regions, and correlating these nd- B O E P U I F S S F M F W B O U Q F S T P O T J O H T X J U I F D P O P N J D T P D G B M E B O F N P V M J U O V S B U M F B S J F J T W N P E F M T J U J F T interpret and describe the nature of human F E F W F M P Q J O H U I F P S J F T F Y M F S B M O T D B O E E N F J U T I U P P E S T J D U B P M B O E J O U F S Q S F U B O E E F T D S J C F T P D E J B C M I B W F J O P V N S F O B J O U F S Q S F U B O E E F T D S J C F T P D E J B C M I B W F J O P V N S F O B G F W B M V B U J O H U I F P V U (c) Preparing, editing, and publishing books, articles, and reports. J P O T D P O D F S O J O H T P D J B M Q P M J D B U J P O P S V T F C Z H P W F S O N F O U Q H B O B M Z T J O H B O E F W B M V B S O P H U I F B D P J S H M C E J I B B J P O T B O E J O U F S I B E W J T J O H P O U I F Q S B D (b) preparing scholarly papers and reports. m O E

ings in the formulation of economic and social policies for population groups and examples of the occupations classied here: H J P O T B O E G P S U I F E F W F M P Q N F M B H B T G U N B S L F U T

(i) preparing scholarly papers and reports. Historian  
Philosopher  
Political scientist

Examples of the occupations classied here:

- " O U I S P Q P M P H J T U
- " S D I B F P M P H J T U
- Criminologist
- Ethnologist
- ( F P H S B Q I F S
- Sociologist

Some related occupations classied elsewhere:  
1 P M J U J D B M B E W J T F S o

Unit Group 2634  
**Psychologists**

Unit Group 2633

**Philosophers, Historians and Political Scientists**

Psychologists research into and study the mental Q S P D F T T F T B O E C F I B W J P V S P G I V N E J W J E V B M T P S J O H S P V Q T B O E B Q Q M

Philosophers, historians and political scientists promote personal, social, educational or oc- D P O E V D U S F T F B S D I J O U P U D V C O B B U J P S F B M G B E K N B O N F O U B O E E F W F Q F S J F O D F B O E F Y J T U F O S B T L T Q J O B T M V E F P o S B T Q F D U T P G I V N B O I J T U P S Z B O E Q P M J (a) Planning and carrying out tests to measure N F O U T B O E C F I B W J P V S 5 I F Z mental, physical and other characteristics on ndings to inform and guide political and in- such as intelligence, abilities, aptitudes, po- E J W J E V B M B D U J P O T U F O U J B M J U J F T F U D J O U F S Q S F U J 5 B T L T J O D M V E F o S F T V M U T B O E Q S P W J E J O H B E W J D

(a) researching, including by reasoning, into the C B O B M Z T J O H U I F F D U P G I F S F E general causes, principles and meanings of D V O B U J P O B M B O E P U I F S G B D U P U I F X P S M E I V N B O B D U J P Q T P V H Y Q F S Q I E C C F I B W O E V S F Y J T U F O D F B O E J O U F (c) Consulting, editing or reviewing. C O H Q I J M P T P Q I J D B M D P O D F O U T W O E X U T I F X S U F T J O E J W J E V B M T B O E I

(b) consulting and comparing primary sources W J E J O H G P M M P X V Q T F S W J D F T such as original or contemporary records of E N B J O U B J O J O H S F R V J S F E D P O U B D Q B T U F W F O U T B O E T F D P O E F a n s y z m e n t s , e d u c a t i o n a l a u t h o r i t i e s B S D I B F P M P H J D B M P S B O U I S r P e o p l e s , a n d b e l o n g i n g o p e r a t i o n s D F Y U S B D U J O H S F M F W B O U T P M B W F S O B M U P D B F O E L U S H B U N F O U P G

authenticity, and researching into and (c) studying psychological factors in the diag- D P V O U S Z P S S F H J P O P S B n e s s a n d e m o t i o n a l s o r p e r s o n a l i t y d i s - G P S F Y B N Q M F F D P O P N J D T P D J B o r e r , s a n d c o n f e r e n c i n g d a t a r e l a t e d t o p r o f e s - T I J T U P S Z T J P O B M T

(d) conducting research in such elds as political Q S F Q B S J O H T D I P M B S M Z Q B Q F S T philosophy, or past and present theory and H G P S N V M B U J O H B D I J F W F N F O U practice of political systems, institutions or Q S F E J D U J W F U F T U T G P S V T F C Z C F I B W J P V S O J O H N F U I P E T B O E D P O U F O U P G F P C T F S W J O H D P O U F N Q P S B S Z D E P M V D W D B M J O S W F U Z V T U J B P O E T S F T F and opinions, and collecting data on them K P C E F T J H O X P S L H S P V Q T N P S B M G S P N W B S J P V T T P V S D F T J O O F S W E J T O J H P O J B O E S M B O X H F N F O U

J E F W F M P Q J O H U I F P S J F T J N B P E U J M O T H B O T E B N E W P P D E B T U I P G P S  
 J O U F S Q S F U B O E E F T D S J C F d o m m B r o t y a n d b o m b i n g f o r s o l u t i o n s t o  
 Q S P C M F N T B F D U J O H U I F N  
 Examples of the occupations classied here: K E F W F M P Q J O H Q S F W F O U J P O B O E J  
 Clinical psychologist H S B N N F T U P N F F U D P N N V O J U Z O F F E  
 Educational psychologist (k) maintaining contact with other social ser-  
 Organizational psychologist W J D F B H F O D J F T F E V D B U J P O B M J  
 Psychotherapist I F B M U I D B S F Q S P W J E F S T J O W P M W F  
 Sports psychologist Q S P W J E F J O G P S N B U J P O B O E P C U B J O  
 D M J F O U T P W F S B M M T J U V B U J P O

Some related occupations classied elsewhere:  
 1 T Z D I J B U S J T U o

Examples of the occupations classied here:  
 " E E J D U J P O T D P V O T F M M P S  
 # F S F B W F N F O U D P V O T F M M P S  
 Child and youth counsellor  
 % J T U S J D U T P D J B M X F M G B S F P D F  
 Family counsellor  
 . B S S J B H F D P V O T F M M P S

Unit Group 2635

**Social Work and Counselling Professionals**

Social work and counselling professionals pro-  
 W J E F B E W J D F B O E H V J E B O D F  
 ilies, groups, communities and organizations  
 in response to social and personal di culties.

Examples of the occupations classied here:  
 P a r o l e o c e r W J E V B M T G B N  
 4 F Y V B M B T T B V M U D P V O T F M M P S  
 Social worker

5 I F Z B T T J T U D M J F O U T U P E F W W o m e n s w e l f a r e o r g a n i z a t i o n B O E B D D F T T S F  
 T P V S D F T B O E T V Q Q P S U T F S W J D F T O F F E F E U P S F T Q P O E  
 U P J T T V F T B S J T J O H G S P S o m e r e d a t e d c o m p e t i t i o n s e l a s s i e d e l s e w h e r e : S U Z  
 E J T B C J M J U Z B E E J D U J P O D S J I N T I O B P M B H O J E U E O M J O R V F O U  
 C F I B W J P V S B O E N B S J U B M B O E M P G B S S Q S P C M S U N X P S L F S o  
 5 B T L T J O D M V E F o  
 B J O U F S W J F X J O H D M J F O U T J O E J W J E V B M M Z J O G B N J M J F T P S

in groups, to assess their situation and problems

Unit Group 2636

(b) analysing the client s situation and present **Religious Professionals**

B M U F S O B U J W F B Q Q S P B D I F T U P S F T P M W J O H Q S P C M F N T  
 (c) compiling case records or reports for co Religious professionals function as perpetrators  
 B O E P U I F S M F H B M Q S P D F P G J O B D S F E U S B E J U J P O T Q S B D U J D F T  
 E Q S P W J E J O H D P V O T F N M O D V H D U U S F S M B O Z I P V O E T N S F W J D F T  
 U J P O T F S W J D F T B O E G i s t e r t h e d i t e s o f a r e l i g i o u s f a t h e r o r d e n o m i n a l P O T  
 U P B T T J T U D M J F O U T U P E F W F O P O S T E Y M N F B O E S J O U T V B M T B O E M  
 O F F E F E U P E F B M X J U I B o p e r f o r m t h e r e l i g i o u s f u n c t i o n s a s s o c i a t e d w i t h  
 B O E Q F S T P O B M Q S P C M F N p r a c t i c e o f a r e l i g i o n .  
 5 B T L T J O D M V E F o

(e) planning and implementing programmes of assistance for clients, including crisis inter-  
 W F O U J P O B O E S F G F S S B M U P C B M F O O T J F T U I B U Q S P W J E F  
 nancial assistance, legal aid, housing, med- C D P O E V D U J O H S F M J - H J P V T T F S V  
 J D B M U S F B U N F O U B O E P U I F S P O B S W J D F T

G J O W F T U J H B U J O H D B T F T D P G V B C E V F S U B S L J O O F H M F B S J B O E B E N J  
 taking action to protect children and other social duties, including participating in com-  
 Q F S T P O T B U S J T L m i t t e e s a n d m e e t i n g s o f r e l i g i o u s o r g a n i z a -

(g) working with offenders during and after U J P O T  
 sentence to help them to integrate into the Q S P W J E J O H T Q J S J U V B M B O E  
 community and to change attitudes and be- B D D P S E B O D F X J U I U I F S F M J H J P O Q  
 I B W J P V S J O P S E F S U P S F (e) v o l u n t a r y r e l i g i o u s s e r v i c e s o n t h e i r o w n  
 U P Q S P W J E J O H B E W J D F U P V O U S S J Z T P O B C H S W F E S O P S T B O E  
 helps determine whether, and under what E F W F M P Q J O H B O E E J S F D U J O H  
 D P O E J U J P O T B O P F O E F S T S I P M H E J P C V T J F C E V B S D W B S O Q S P H S B N N F  
 ated, released from prison or undergo alter-I D P V O T F M M J O H J O E J W J E V B M T  
 O B U J W F D P S S F D U J P O B M N F B P O S I M I F B M U I m o B O D J B M B O E S F

J T D I F E V M J O H B O E Q B S U Some related occupations classified elsewhere: O U T  
such as camps, conferences, seminars and re- - B Z Q S F B D I F S o  
treats. . P O L o  
/ V O o

Examples of the occupations classified here:

- Bonze
- Imam
- . J O J T U F S P G S F M J H J P O
- Poojari
- Priest
- Rabbi

Note

. F N C F S T P G S F M J H J P V T P S E F S T X I P T F  
G P S N J O H U I F U B T L T P G P U I F S P D D V Q B U J P O  
teachers, nurses or welfare support workers, should be  
classified according to the main tasks and duties per-  
formed in the job.

Minor Group 264

**Authors, Journalists and Linguists**

" V U I P S T K P V S O B M J T U T B O E M J O X H V S I T U T J O P U F S B S W B B O E D B N B U  
D B U F O F X T B O E Q V C M J D B B J S T U I S O V H S Q S F U N G E S J P N B O E M S B B O C  
into another.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M T V J E O H X N S F S J J O H M G U M S J B U S F Z S B  
P U I F S X P S L T P G B S U D P M M F D U J O H B O J O G P S N U B J U O H O B E P V W U U D I V S N  
T F B S D I J O H J O W F T U J H B U J O H J O U O E Q O F V C J N O H D B B E B D S N N W I O S J P  
O F X T Q B Q F S T U F M F W J T J P O S B E J P F B O N E B B U S F S M F C E S I B N U S B O M I B  
U P B O P U I F S T J N V M U B O F P V T M Z U S B I O F S M B U J O H G S P N P O F M B O H  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B / T O T T J m F E J O U P U I F

- 2641 Authors and Related Writers**
- 2642 Journalists**
- 2643 Translators, Interpreters and Other Linguists**

Unit Group 2641

**Authors and Related Writers**

" V U I P S T B O E S F M B U F E X S J U F S T y l e , O r i g i n a l a n d F a c t u a l B a s i s o f C o n t e n t ,  
write books, scripts, storyboards, plays, essays, B S S B O H J O H G P S B O Z O F D F T T B S Z  
speeches, manuals, specifications and other checking proof copies before printing.

O P O K P V S O B M J T U J D B S U J D M E T F Y D M V E J O H N B U F S J B M G P S  
newspapers, magazines and other periodicals) Examples of the occupations classified here:  
for publication or presentation. " V U I P S

- 5 B T L T J O D M V E F o Book editor
- B D P O D F J W J O H X S J U J O H B O E F E J U J O H O P W F M T Q M B Z T Essayist
- scripts, poetry and other material for publi- \* O E F Y F S
- DBUJPO PS QSFTFOUBUJPO \* O U F S B D U J J W F N F E J B X S J U F S
- (b) conducting research to establish factual con- / P W F M J T U Playwright
- U J P O Poet
- (c) writing scripts and continuities and pre- Script writer
- paring programmes for stage, Im, radio and U F M F W J T J P O Q S P E V D U J P O T Speech writer
- 5 F D I O J D B M D P N N V O J D B U P S
- (d) analysing material, such as specifications, 5 F D I O J D B M X S J U F S
- notes and drawings, and creating manuals, Writer
- instructions for use, user guides and other

EPDVNFOUT UP FYQMBJO DEWVFBSSIMTZJ OBHOEPQZOXISJUFSD  
the installation, operation and maintenance 1 V C M J D S F M B U J P O T D P Q Z X S J U F  
of software, electronic, mechanical and other + P V S O B M J T U o  
FRVJQNFOU / F X T Q B Q F S F E J U P S o

Unit Group 2642

1 I P U P K P V S O B M J T U o

Journalists

\$ B N F S B P Q F S B U P S o

+ P V S O B M J T U T S F T F B S D I J O W F T U J H B U F J O U F S Q S F U B O E
D P N N V O J D B U F O F X T B O E Q V C M J D B B J S T U I S P V H I
O F X T Q B Q F S T U F M F W J T J P O U N I T G R O U P 2 6 4 3 B O E P U I F S N F E J B
5 B T L T J O D M V E F o

Translators, Interpreters and Other Linguists

(a) collecting local, national and international
O F X T U I S P V H I J O U F S W J F S X T O T M O W F S T U J H B U F S O S B O E S T B O E
P C T F S W B U J P O B U U F O E J O H T r a n s l a t e a n d i n t e r p r e t f r o m o n e l a n g u a g e i n t o
P V U S F D P S E T S F W J F X J O H B O X S U U F S F O B O X P S T U V B O Z E U B I F P S J H J O E F
U F O E J O H m M N B O E T U B H S t r u c t u r e o f l a n g u a g e s . F T

(b) collecting, reporting and commenting on
O F X T B O E D V S S F O U B B J ( S ) T s t u d y i n g r e l a t i o n s h i p s b e t w e e n a n c i e n t
newspapers and periodicals, or for broad- parent languages and modern language
D B T U J O H C Z S B E J P U F M F W J H S I P Q F S X I S C D B T U H N U F I E J P S J H J O B O
D S F D F J W J O H B O B M Z T J W o r d s o f g r a m m a r f o r a l l l a n g u a g e s f o r o s f a n d B O E
P U I F S D P Q Z G P S B D D V S B D Z S F T F O U J O H m o e j o h t
E J O U F S W J F X J O H Q P M C J U B E W B I O T O H O P E O P P U S I F O S S F O V B S M O J H
figures at press conferences and on othercation systems, grammars, dictionaries and
P D D B T J P O T J O D M V E J O H J O J E N J M W J E S / B N B U F S U B F S W J F X T
S F D P S E F E G P S S B E J R ( c ) t r a n s l a t i n g f r o m o n e l a n g u a g e i n t o a n o t h e r B T U
N F E J B

(c) translating from one language into another
F S F T F B S D I J O H B O E S F Q P S o r i g i n a l i s p e c i a l i z e d , w h a t m e a n s o f e n d i t a l o r
in specialized elds such as medicine, science scienti c works are correctly rendered, and
B O E U F D I O P M P H Z that the phraseology and terminology of the

(f) writing editorials and commentaries on
T O J S J U B O E T U Z M F P G M J U F S B S Z X I
topics of current interest to stimulate public
B T G B S B T Q P T T J C M F
J O U F S F T U B O E F Y Q S F T T E U I E F W B M X Q J O G B F Q I P C E M J C P S U I F V
U J P O P S C S P B E D B T U J O H T U B O E P O U I F S J O T U S V N F O U T U P J N Q S F
H X S J U J O H D S J U J D B M S F W J W X I U Z P B O M J R V F S N S U Z R G T U D B O M T M B U

(g) interpreting from a spoken or a signed lan-
K V E H F N F O U B O E F Y Q F S J F O u n d e r s t a n d i n g a n d t r a n s l a t i n g f o r s i g n e d l a n -
U F M F W J T J P O S B E J P B O E g u a g e , f i r s t a n d e a r b t c o n f e r e n c e s , m e e t i n g s

(h) selecting material for publication, checking and similar occasions, and ensuring that the
style, grammar, accuracy and legality of correct meaning and, as far as possible, the
content and arranging for any necessary re- T O J S J U P G U I F P S J H J O B M B S F U S B O
W J T J P O T G S F W J T J O H B O E D P S S F D U J O H U S B O
J M J B J T J O H X J U I Q S P E V D U J P O T U B J O D I F D L J O H m O B M
Q S P P G D P Q J F T J N N F E J B U E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e :

(j) selecting, assembling and preparing publicity Interpreter
material about business or other organiza- - F Y J D P H S B Q I F S
U J P O T G P S J T T V F U I S P V H I Q P h i l o l o g i s t s B E J P U F M F W J T J P O
and other media. Sign language interpreter
Subtitler

Examples of the occupations classi ed here:

Journalist 5 S B O T M B U P S
Newspaper editor 5 S B O T M B U P S S F W J T F S

Newspaper reporter Some related occupations classi ed elsewhere:
Sports writer " V U I P S o
Sub editor # P P L F E J U P S o
5 7 S B E J P O F X T Q S P E V D F S + P V S O B M J T U o
5 7 S B E J P O F X T S F Q P S U F S

Some related occupations classi ed elsewhere:

1 V C M J D S F M B U J P O T P D F S o
" V U I P S o
# P P L F E J U P S o



Minor Group 265

**Creative and Performing Artists**

\$ S F B U J W F B O E Q F S G P S N J O H B S U J T B O E D B N N V O J D O B U B F X J E E F B T S B O  
P G N F E J B U P B D I J F W F Q B S U J D V M B I S B F B D N V T T J D B M F T S D P S S F F U P  
T D S J Q U U P Q F S G P S N P S E J S F D U U O E B Q U F P Q P P B B D V D F I B F O S E G P S T U B  
B O E P U I F S N F E J B F W F O U T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E S U D C P R O S N F T W J D O P H O B O E W D J S O F I  
X S J U J O H P S J H J O B M N V T J D E F W J G P S M J O H J O H J S J O D U N J O T H D S F E I F B S F J O U  
S J D B M B O E m M N Q S P E V D U J P O T B O T V B N U O P H O B S A F B S U F J W P O T m C B I O M D J  
U I F Q S P E V D U J P O P G U F M F W J T J P O B S B P S B N N F U T V E z M O N H T B D S E J Q U  
P S C P P L B O E Q S F Q B S J O H B O E S F B F O E S T J O W I S P J E C U L F J S O C H S I N U B F U J D P O W J  
B O E P U I F S F O U F S U B J O N F O U N B U F S J B S M J G B M S E C O S E P B O E V D C B M U D B T O F E S W  
announcements.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

- 2651 Visual Artists**
- 2652 Musicians, Singers and Composers**
- 2653 Dancers and Choreographers**
- 2654 Film, Stage and Related Directors and Producers**
- 2655 Actors**
- 2656 Announcers on Radio, Television and Other Media**
- 2659 Creative and Performing Artists Not Elsewhere Classified**

Unit Group 2651

**Visual Artists**

Ceramic artist  
Illustrator  
Picture restorer

7 J T V B M B S U J T U T D S F B U F B O E F o r t F a d y a n t e r X P S L T P G B S U C Z  
sculpting, painting, drawing, creating cartoons, Sculptor

F O H S B W J O H P S V T J O H P U I F S U F D I O J R V F T

5 B T L T J O D M V E F o Some related occupations classied elsewhere:

B D P O D F J W J O H B O E E F W F M P Q O O M T U E S F J B T M E F T J H O F S B O E  
T U Z M F T G P S Q B J O U J O H T E S B ( X S J B O C H I T J D B O E T T J D V O M Q U o v S F T

(b) arranging objects, positioning models, and 1 B J O U J O H U F B D I F S Q S J W B U F U V  
T F M F D U J O H M B O E T D B O F T B O E P U I F S S o W J T V B M G P S N T  
B D D P S E J O H U P D I P T F O T V C K F o D R U D N S B U F S W F Q B J O U F S o

(c) selecting artistic media, method and ma-  
U F S J B M T

(d) creating representational or abstract three-di-  
N F O T J P O B M P S S F M J F G G o r t G r o u p 2 6 5 2 I B Q J O H D B S W J O H  
and working and combining materials such as

B T X P P E T U P O F D M B Z N F U B M J D F P S Q B Q F S  
Musicians, Singers and Composers

(e) creating representational or abstract draw-  
W - T J D J B O T T J O H F S T B O E D P N Q P T F S T  
ings and paintings using pencils, ink, chalk,  
conduct and perform musical compositions.

oil paints and water colours or through the  
5 B T L T J O D M V E F o  
B Q Q M J D B U J P O P G P U I F S ( a ) C r e a t i n g m e t r i c , h a r m o n i c a n d r h y t h m i c

G D S F B U J O H E S B X J O H T B O E T U S M S B W S I O H U P S F V O S F C H J E F B T B  
U I F N P O N F U B M X P P E P S N P V U T U F D S B M B G U P F S S U B M T

(g) creating cartoons to depict persons (a) and translating ideas and concepts into standard  
F W F O U T P G U F O J O D B S J D B r u t i s a f s i g n s a n d s y m b o l s f o r r e p r o d u c t i o n

(h) restoring damaged, soiled and faded paint-  
B O E Q F S G P S N B O D F  
ings and other art objects. (c) adapting or arranging music for particular  
J O T U S V N F O U B M P S W P D B M H S P V Q T

Examples of the occupations classied here:

Cartoonist

P D D B T J P O T  
E D P O E V D U J O H J O T U S V N F O U B M P S

(e) selecting music for performances and Unit Group 2654

T J H O J O H J O T U S V N F O U B M Film, Stage and Related Directors and Producers

(f) playing one or more musical instruments as

a soloist or as a member of an orchestra Film, stage and related directors and producers

N V T J D B M H S P V Q

P W F S T F F B O E D P O U S P M U I F U F D I O J D E

H T J O H J O H B T B T P M P J T U O P S U B T P E

W I P N U O P S P G D B J W S F D T B M U F M F W

H S P V Q P S P U I F S C B O E

ductions and stage shows.

(h) practising and rehearsing to maintain a high standard of performance.

5 B T L T J O D M V E F o

(a) choosing writers, studying scripts to determine artistic interpretation, and instructing

B D U P S T P O B D U J O H N F U I P E T

(b) directing all aspects of dramatic productions

P O T U B H F U F M F W J T J P O S B E J P P S

tures, including choice of actors, and decisions concerning costumes, set designs

B O E T P V O E P S M J H I U J O H F F D U T

(c) planning, organizing and controlling the

W B S J P V T T U B H F T B O E T D I F E V M J O H

production of presentations, motion pictures,

U F M F W J T J P O T I P X T B O E S B E J P Q S

E F O H B H J O H B O E T V Q F S W J T J O H

sonnel, and determining the treatment, scope

B O E T D I F E V M J O H P G Q S P E V D U J P O

F N B J O U B J O J O H Q S P E V D U J P O B S D I

B U J O H S P Z B M U J F T

(f) creating, planning or writing scripts for re-

D P S E J O H W J E F P U B Q J O H B O E F E J U J O H

S T D P O D F S J W J F J O H E U S F O F J U J P O J O H

B O E M J H I U J O H B O E T P V O E F R V J Q

Examples of the occupations classified here:

Band leader

Composer

Instrumentalist

. V T J D D P O E V D U P S

Night club musician

Night club singer

Orchestrator

Singer

Street musician

Street singer

Unit Group 2653

**Dancers and Choreographers**

% B O D F S T B O E D I P S F P H S B Q I F S T or perform dances.

5 B T L T J O D M V E F o

B D P O D F J W J O H B O E D S F E T P O D F S J W J F J O H E U S F O F J U J P O J O H

D P O W F Z B T U P S Z U I F N F J P Y N F O U B M Z P F E S F D U P S

Q B U U F S O P G T U F Q T N P W F N F o U I F N F F i l m e d i t o r

(b) performing dances as a soloist, with a partner or as a member of a dancing group before

M J W F B V E J F O D F T P S G P S m

. P U J P O Q J D U V S F E J S F D U P S

Photography director

Stage director

5 F D I O J D B M E J S F D U P S

W J T V B M N F E J B

D U S B J O J O H F Y F S D J T J O H

B O E U F M F W J T J P O P S P U I F S

5 U F B U S F R O S P S E V F S M F W F M T P G

D M B T T F T U P N B J O U B J O

B C J M J U Z B O E m U O F T T

(d) directing and participating in rehearsals to

Q S B D U J T F E B O D F T U F Q T B O E

Some related occupations classified elsewhere:

5 7 S B E J P O F X T O S P E V D F S o

4 U B H F N B O B H F S o

(e) auditioning for dance roles or for member-

T I J Q J O E B O D F D P N Q B O J F T

# S P B E D B T U J O H U F D I O J D J B O o

- J H I U J O H U F D I O J D J B O o

(f) coordinating the production music with the

music directors.

4 P V O E U F D I O J D J B O o

7 J E F P U F D I O J D J B O o

Examples of the occupations classified here:

Choreographer

Ballet dancer

Night-club dancer

Street dancer

Unit Group 2655

**Actors**

" D U P S T Q P S U S B Z S P M F T J O N P U J

sion or radio productions and stage shows.

Some related occupations classified elsewhere:

% B O D F U F B D I F S o

5 B T L T J O D M V E F o

(a) learning lines and cues and playing parts in dramatic productions on stage, commercials,

U F M F W J T J P O S B E J P P S J O N P U J P O

- (b) assuming characters created by a playwright (g) studying background information in order to or author and communicating this to an au- Q S F Q B S F G P S Q S P H S B N N F T P S J O E J F O D F (e) commenting on music and other matters,
- (c) telling stories or reading literary works aloud such as weather or tra c conditions. U P F E V D B U F P S F O U F S U B J O M J T U F O F S T
- (d) attending auditions and casting calls in or Exa mples of the occupations classi ed here: U P B V E J U J P O G P S S P M F T News anchor
- (e) preparing for performances through re- Radio announcer hearsals under the instruction and guidance Sports announcer P G Q S P E V D U J P O E J S F D U P S T 5 B M L T I P X I P T U I P T U F T T
- (f) reading scripts and undertaking research 5 F M F W J T J P O B O O P V O D F S to gain understanding of parts, themes and 5 S B D S F Q P S U F S D I B S B D U F S J T U J D T Weather reporter H B D U J O H Q B S U T B O E Q P S U S B Z J O H S P M F T B T E F W F M P Q F E J O S F I F B S T B M T Some related occupations classi ed elsewhere: B E J P + P V S O B M J T U o

Examples of the occupations classi ed here:

" D U P S  
. J N F B S U J T U  
Storyteller

Unit Group 2659

**Creative and Performing Artists  
Not Elsewhere Classified**

Some related occupations classi ed elsewhere:

4 U V O U B S U J T U o  
8 B M L F S P O o

5 I J T V O J U H S P V Q D P W F S T B M M D S  
G P S N J O H B S U J T U T O P U D M B T T J m F E F  
( S P V Q \$ S F B U J W F B O E 1 F S G P S N J O

instance, the group includes clowns, magicians, acrobats and other performing artists.

\* O T V D I D B T F T U B T L T X P V M E J O D I

Unit Group 2656

**Announcers on Radio, Television  
and Other Media**

(a) performing amusing antics and telling funny T U P S J F T

(b) performing tricks of illusion and sleight of

" O O P V O D F S T P O S B E J P U F M F W B T O P O B B O C E G P U B U S R I G E J B Q O P U J T N S F B E O F X T C V M M F U J O (c) performing wild and capricious acts BO E make other announcements or introductions on C B U J D T B O E H Z N O B T U J D P S K V H H M S B E J P B O E U F M F W J T J P O (d) Bringing and performing with animals B A E P U I F S establishments or media.

5 B T L T J O D M V E F o

Examples of the occupations classi ed here:

(a) reading news bulletins and making other an- " D S P C B U O P V O D F N F O U T P O S B E J P P S " F L S F J M W T J U J P O

(b) introducing performing artists or persons Clown C F J O H J O U F S W J F X F E - B O E H Y P O T I S T O H S F M B U F E B O O P V O D F N F O U T P O S B E J P B B H J D J F B M O F W J T J P O P S J O U I F B U S F T O J H I U D M V C T B O E P U P P E S F T U B C M J T I N F O U T D J O U F S W J F X J O H Q F S T P O T J S a n d U p C o m e d i a n F T Q F D J B M M Z P O S B E J P B O E U F M F W J T J P O 7 F O U S J M P R V J T U

Ma~or Group 3

**TECHNICIANS AND ASSOCIATE PROFESSIONALS**

5 F D I O J D J B O T B O E B T T P D J B U F Q S P G M T E U P O B M B T Q F S G P S N O R U F W F O  
research and the application of scientific or artistic concepts and operational methods, and  
H P W F S O N F O U P S C V T J O F T T S F H V M B U T J O P D S P O B E U P O U T Q F O S G U F  
N B K P S H S P V Q S F R V J S F T T L J M M T B U U I F U I J S E \* 4 \$ O T L J M M

5 B T L T Q F S G P S N F E C Z U F D I O J D J B O M M B Z O E O B T M P E F J B W F O E C F S S P U G B F L T J T O  
carrying out technical work connected with research and the application of concepts and  
operational methods in the fields of physical sciences including engineering and technology,  
M J G F T D J F O D F T J O D M V E J O H U I F O N F E J B O N Q V S N P S O T U J F O B O E  
B O E D B S S Z J O H P V U W B S J P V T U O F B O I W F J D B E O N E F E S J W O J J T E S B S J E M O B  
D M V E J O H B E N J O J T U S B U J P O P G H P W U F P S O R E O B J M M X P X S T L B O E S P S A F H E V J  
U F D I O J D B M T V Q Q P S U G P S U I F B S W T O B T O E P S F W J O F H S U B E J U Q M V F J U U F T Q B F S Y  
T P N F S F M J H J P V T U B T L T 4 V Q F S W B E J P O P G P U I F S X P S L F S T I

O D D V Q B U J P O T J O U I J T N B K P S H S P H O V B C S R N E K M P S T H S R W E T J O U P U I F

- 31 Science and Engineering Associate Professionals**
- 32 Health Associate Professionals**
- 33 Business and Administration Associate Professionals**
- 34 Legal, Social, Cultural and Related Associate Professionals**
- 35 Information and Communications Technicians**

Sub-ma-or Group 31

Science and Engineering Associate Professionals

Science and engineering associate professionals perform technical tasks connected with re-  
TFBSDI BOE PQFSBUJPOBM NFUIPET VJDF SWJF ODF O E P O W S P O M F  
nical and operational aspects of mining, manufacturing, construction and other engineering  
PQFSBUJPOT BOE PQFSBUF UFDIOBJOB MIFQVJ OSNFAOUF U O O W M O E F J S O G F  
NBODF JO NPTU PDDVQBUJPOT JO MITTB UVCI N BK P S E H S P S Q T E R M M

5BTLT QFSGPSNFE CZ XPSLFST JVEUJTTFTVCOMBKES MSOVWF  
BOE PQFSBUJOH JOTUSVNFOUT BOE FOMJENOFOSJ NDOOEVEDQJE OUF TE  
PG TZTUFNT DPMMFDUJOH BOE POUTFBDEOBIOE N X TJ N F T E B S J B D P  
QBSJOH SFWJTJOH BOE JOUFSQS NUTJODHP D F E J O B D B O H E S T B X O F O S H M T J  
DPOUSPMMJOH BOE TDIFEVMJOH S J B F U J B O D H J B V O E J J N - P C P J G U P S J J I O S H X T P  
CPBSET DPNQVUFSJ[FE DPOUSPM DTPZOTUSFPNM N B O I E J O N F S X U O F  
GPSNJOH UFDIOJDBM GVODUJPOT UPBIOETVPSOFF S B G B PBOOTE JFO DTJ F J  
BJSDSBGU BOE PUIFS FRVJQNFOU  
ODDVQBUJPOT JO UIJT TVC NBKPS XHUSPHV QV JBOSFFS D H M S P V T Q J T m F E J O U

- 311 Physical and Engineering Science Technicians
- 312 Mining, Manufacturing and Construction Supervisors
- 313 Process Control Technicians
- 314 Life Science Technicians and Related Associate Professionals
- 315 Ship and Aircraft Controllers and Technicians

Minor Group 311

Physical and Engineering Science Technicians

Physical and engineering science technicians perform technical tasks to aid in research on  
and the practical application of concepts, principles and operational methods particular to  
physical sciences including such areas as engineering, technical drawing or economic e ciency  
of production processes.

5BTLT QFSGPSNFE VTVBMMZ JODMVFEDI O JDOBEM SXIBSU OSHF NB O E F D B  
DIFNJTUSZ QIZTJDT HFPMPHZ NHUPSP SIP MIPCHJZ B B M T U E S B O P O Z F C  
VQ PQFSBUJOH BOE NBJOUBJOJOH M O B L C P S N P L O P J S J P S J O O T H J S F V N O F F O S U  
NFOUT NBLJOH PCTFSWBUJPOT BOE DOBSF O B N B O H O N H B B O S E J S M D  
FYQFSJNF OUBUJPO DPOEVDUJOHT U B O W H T T B N Q T M F U F N S T F D D S M U N O F I D  
WBUJPOT BOE BOBMZTJOH EBUB H Q S J F F O B S J J O B M S E F S A B J X T J J O O H H T B O B S  
diagrams, circuit board assembly diagrams or layout drawings.

- ODDVQBUJPOT JO UIJT NJOPS HSPHV QV O B S U F H D S M P B V T O T T J m F E J O U P U I F
- 3111 Chemical and Physical Science Technicians
- 3112 Civil Engineering Technicians
- 3113 Electrical Engineering Technicians
- 3114 Electronics Engineering Technicians
- 3115 Mechanical Engineering Technicians
- 3116 Chemical Engineering Technicians
- 3117 Mining and Metallurgical Technicians
- 3118 Draughtspersons
- 3119 Physical and Engineering Science Technicians Not Elsewhere Classified

Unit Group 3111

**Chemical and Physical Science Technicians**

Chemical and physical science technicians perform technical tasks to aid in research in chemistry, physics, geology, geophysics, meteorology, industrial, medical, military and other practical applications of research results.

5 B T L T J O D M V E F o

(a) collecting samples and preparing materials  
B O E F R V J Q N F O U G P S F Y Q F B O B M Z T F T

(b) carrying out routine laboratory tests and functions to assist chemical and physical scientists  
Q F S G P S N J O H B W B S J F U F O U J T T J O S F T F B S D I E F W U F T U J O H

(c) inspecting buildings and structures and monitoring supplies by testing samples and monitoring usage and preparing detailed estimates  
D P O U S P M M J O H U J N B U F T P G R V B O U J U J F T B O E M B C P V S S F R V J S F E U P U I F T Q F D J M D B U J P O T H

(d) setting up, operating and maintaining laboratories  
S B U P S Z J O T U S V N F O U T U P S J O H F Y Q F S J N F O U T B O E D B M D V M B U J O H B O E S F F Q S F Q B S J O H N B U F S J B M T G P S B T G S F F J O H B O E T M J D J O H D I F N J D B M T

(f) collecting and testing earth and water samples and data in support of geologists or geophysicists.  
Q M F T S F D P S E J O H P C T F S W

(a) performing or assisting with the construction of buildings and other structures  
U P S Z U F T U T P G T P J M T B O E D P O T U S C Q S P W J E J O H U F D I O J D B M B T T J T U

(b) assisting with the preparation of detailed estimates to detect and maintain desired standards of  
T U S V D U V S F T B O E X J U I T V S W F Z T B S B U J P O P G T V S W F Z S F Q P S U T

(c) inspecting buildings and structures and monitoring supplies by testing samples and monitoring usage and preparing detailed estimates  
E n s u r i n g M a t e r i a l s C o n f o r m a n c e W i t h D e s i g n S p e c i f i c a t i o n s U J J P O T S F M F W B O U M F H J T M B U J P O N B U F S J B M T B O E X P S L

(d) inspecting industrial plant, hotels, cinemas and other buildings and structures to detect and maintain desired standards of  
B O E F R V J Q N F O U G P S F Y Q F B O B M Z T F T P S E F S U P J E F O U J G Z B O E T P M W F Q S

(e) inspecting buildings and structures and monitoring supplies by testing samples and monitoring usage and preparing detailed estimates  
Z J J R B U F T F P G O R V B O M J U J F O T Q P S E U D P T U B O E M B C P V S S F R V J S F E G P S Q S P F O U J T T J O S F T F B S D I E F W U F T U J O H

(f) inspecting buildings and structures and monitoring supplies by testing samples and monitoring usage and preparing detailed estimates  
G P S H B O J J O H N B J O U F O B O D F B O E D P O U S P M M J O H U J N B U F T P G R V B O U J U J F T B O E M B C P V S S F R V J S F E U P U I F T Q F D J M D B U J P O T H

(g) inspecting buildings and structures and monitoring supplies by testing samples and monitoring usage and preparing detailed estimates  
J D W D O F S O J O H R V B M J U Z B O E T B G F U S B U P S Z J O T U S V N F O U T U P S J O H F Y Q F S J N F O U T N B M S C H I P C B T S E T W B O E J P B E T W J T F P O I P X B O E D B M D V M B U J O H B O E S F F Q S F Q B S J O H N B U F S J B M T G P S B T G S F F J O H B O E T M J D J O H D I F N J D B M T

(h) inspecting buildings and structures and monitoring supplies by testing samples and monitoring usage and preparing detailed estimates  
U S B O T Q P S U B U J P O U P S F E V D F S J T L P Q M F T S F D P S E J O H P C T F S W

Examples of the occupations classified here:

- Chemistry technician ( F P M P H Z U F D I O J D J B O . F U F P S P M P H Z U F D I O J D J B O )
- Physics technician

Examples of the occupations classified here:

- Building inspector ( # V J M E J O H T V S W F Z P S )
- Clerk of works ( \$ J W J M F O H J O F F S J O H U F D I O J D J B O )
- Fire inspector ( ' J S F Q S F W F O U J P O T Q F D J B M J T U )

Some related occupations classified elsewhere:

- ( F P U F D I O J D B M U F D I O J D J B O )
- ( \$ I F N J D B M F O H J O F F S J O H U F D I O J D J B O )
- ( \$ I F N J D B M Q S P D F T T U F D I O J D J B O )
- ( - J G F T D J F O D F U F D I O J D J B O )

- ( F P U F D I O J D B M U F D I O J D J B O )
- ( \$ I F N J D B M F O H J O F F S J O H U F D I O J D J B O )
- ( \$ I F N J D B M Q S P D F T T U F D I O J D J B O )
- ( - J G F T D J F O D F U F D I O J D J B O )

Unit Group 3112

**Civil Engineering Technicians**

design, construction, operation, maintenance and repair of buildings and other structures and water supply and wastewater treatment systems, bridges, roads, dams and airports.

5 B T L T J O D M V E F o

Unit Group 3113  
**Electrical Engineering Technicians**

Electrical engineering technicians perform technical tasks to aid in electrical engineering research and in the design, manufacture, assembly, construction, operation, maintenance and repair

PG FMFDUSJDBM FRVJQNFOU GFRDJMNUJFOU B O E D E B \$ E S O G H V W J P O U I F T systems.  
H J W F O

5BTLT JODMVEF o (d) monitoring technical aspects of the manufac-  
B QSPWJEJOH UFDIOJDBM B U F , U t i l i z a t i o n , m a i n t e n a n c e a n d r e p a i r o f P  
BOE EFWFMPQNFOU PG FMF F U S F J D B S P O R D J E R I V O O N F O U U P F O T V  
GBDJMJUJFT PS UFTUJOH p e r s o n n e l t o e n s u r e c o m p l i a n c e w i t h

(b) designing and preparing blueprints of elec- T Q F D J m D B U J P O T B O E S F H V M B U J P O T  
trical installations and circuitry according to F B T T J T U J O H J O U I F E F T J H O E F W  
UIF TQFDJmDBUJJPOT HJWF O l a t i o n , o p e r a t i o n a n d m a i n t e n a n c e o f e l e c -  
D Q S F Q B S J O H E F U B J M F E F U T S U P J O N U J D U F Z T P I G N R V B O U J U J F T

BOE DPTUT PG NBUFSJ (B) M a i n t e n a n c e a n d i n s t a l l a t i o n m e t h o d s , f o r e c k i n g f o r  
for manufacture and installation, according completed installations for safety and con-  
UP UIF TQFDJmDBUJJPOT H J W F O u n d e r t a k i n g t h e i n i t i a l r u n n i n g o f

(d) monitoring technical aspects of the manu- U I F O F X F M F D U S P O J D F R V J Q N F O U P  
facture, installation, utilization, maintenance (e) c o n d u c t i n g t e s t s o f e l e c t r o n i c s s y s t e m s , c o l -  
BOE SFQBSJ PG FMFDUSJD B o w i n g t a s k a n d a n a l y s i n g b a d a n d r e s e a r c h i n g  
ment to ensure satisfactory performance and circuitry in support of electronics engineers.  
compliance with speci cations and regula- U J P O T

(e) planning installation methods, checking Electronics engineering technician  
completed installations for safety and con-  
trols or undertaking the initial running of  
UIF OFX FMFDUSJDBM FRVJQ & M F D U S J D B T U J F N O T H J O F F S J O H U F D I

(f) assembling, installing, testing, calibrating, 5 F M F D P N N V O J D B U J P O T F O H J O F F S J  
NPEJGZJOH BOE SFQBSJOH F M F D U S J D B M F R V J Q N F O U  
and installations to conform with regulations & M F D U S P O J D T N F D I B O J D o  
BOE TBGFUZ SFRVJSFNFOU & M F D U S P O J D F R V J Q N F O U B T T F N C

Examples of the occupations classi ed here:

- Electrical engineering technician
- Electric power transmission engineering technician

**Mechanical Engineering Technicians**

Some related occupations classi ed elsewhere: F D I B O J D B M F O H J O F F S J O H U F D  
& M F D U S P O J D T F O H J O F F S J O H U F D I B O J D B M F R V J Q N F O U  
1 P X F S Q S P E V D U J P O Q M B r e s e a r c h a n d d e s i g n , m a n u f a c t u r e , a s -  
& M F D U S J D B M N F D I B O J D s e m b l y , c o n s t r u c t i o n , o p e r a t i o n , m a i n t e n a n c e  
and repair of machines, components and me-  
D I B O J D B M F R V J Q N F O U

**Unit Group 3114  
Electronics Engineering Technicians**

Electronics engineering technicians perform PS UFTUJOH QSPUPUZQFT  
technical tasks to aid in electronic research (b) d e s i g n i n g a n d p r e p a r i n g l a y o u t s o f m a c h i n e s  
in the design, manufacture, assembly, construc- and mechanical installations, facilities and  
tion, operation, maintenance and repair of elec- components, according to the speci cations  
USPOJD FRVJQNFOU H J W F O

5BTLT JODMVEF o D Q S F Q B S J O H E F U B J M F E F T U J N B U  
B QSPWJEJOH UFDIOJDBM B T T J T U B  
BOE EFWFMPQNFOU PG- N B D I J O F T B  
ical installations, facilities and components,

(b) designing and preparing blueprints of elec- (d) monitoring technical aspects of manufac-  
tronic circuitry according to the speci ca- ture, utilization, maintenance and repair of  
U J P O T H J W F O m a c h i n e s a n d m e c h a n i c a l i n s t a l l a t i o n s , f a c i l i -  
D Q S F Q B S J O H E F U B J M F E F T U J N B U c i t i e s a n d c o m p o n e n t r e p a i r o f e l e c t r o n i c  
DPTUT PG NBUFSJ BMT BOE m a i n t e n a n c e a n d r e p a i r o f e l e c t r o n i c s s y s t e m s , c o m -  
manufacture and installation of electronic U J P O T B O E S F H V M B U J P O T

F E F W F M P Q J O H B O E N - P Some related occupations classified elsewhere:
tation of safety standards and procedures \$ I F N J D B M U F D I O J D J B O o
G P S N B S J O F T V S W F Z X P S L J O S I F N M B B M P O S J P P D F T T J Q T U F D I O J D J B O
I V M M T F R V J Q N F O U B O E D B S H P F T

(f) assembling and installing new and modified mechanical assemblies, components, machine tools and controls, and hydraulic power Unit Group 3117
T Z T U F N T Mining and Metallurgical Technicians

(g) conducting tests of mechanical systems, collecting and analysing data, and assembling and installing mechanical assemblies in support J O J O H B O E N F U B M M V S H J D B M U F
Q P S U P G N F D I B O J D B M F O H J O F F S J O H U F D I O J D J B M U B T L T U P - B T T J T U J O

(h) ensuring that mechanical engineering designs and finished work are within specifications and repair of these and maintenance of systems for transporting and storing oil and natural
U J P O T S F H V M B U J P O T B O E N F U B M M V S H J D B M U F D I O J D J B O

Examples of the occupations classified here: H B T B O E G P S F Y U S B D U J P O P G N F U E
" F S P O B V U J D T F O H J O F F S J O H U F D I O J D J B O
. B S J O F F O H J O F F S J O H U F D I O J D J B M B T T J
. B S J O F T V S W F Z P S T F B S D I P O B O E E F W F M P Q N F O U P G
. F D I B O J D B M F O H J O F F S J O H U F D I O J D J B M
. F D I B O J D B M F O H J O F F S J O H U F D I O J D J B O

Some related occupations classified elsewhere:
\* O E V T U S J B M N B D I J O F S Z N F D I B O J D B M T V S W F Z T B O E
. F D I B O J D B M N B D I J O F S Z B F Y U S B D U J P O B O E U S B O T Q P S U B U
processing and refining plants for minerals
B O E N F U B M T

Unit Group 3116
Chemical Engineering Technicians
D Q S F Q B S J O H E F U B J M F E F T U J N B U
B O E D P T U T P G N B U F S J B M T B O E M I
G P S N J O F S B M P J M B O E O B U V S B
F Y U S B D U J P O Q S P D F T T J O H B O E U S B O

Chemical engineering technicians perform technical tasks to aid in chemical engineering research and in the design, manufacture, construction, operation, maintenance and repair of chemical plant.
5 B T L T J O D M V E F o
B B T T J T U J O H J O S F T F B S D

(a) monitoring technical, regulatory and safety aspects of the construction, installation, operation, maintenance and repair of mineral processing and storage installations and of industrial chemical processes, plant and FRVJQNFOU PS UFTUJOH (e) helping plan and design mines, mine shafts,
Q M B O U T B D D P S E J O H U P U F U V O O F M T B O E V O E F S H S P V O E m S T U

(b) designing and preparing layouts of chemical plants, collecting and preparing rock, mineral and metal samples for performing laboratory tests to determine properties, analysing and reporting test results and maintaining testing
D Q S F Q B S J O H E F U B J M F E T
B O E D P T U T P G N B U F S J B M T

(d) monitoring technical aspects of the construction, installation, operation, maintenance and repair of chemical plants to ensure satisfactory performance and compliance with
U P U I F T Q F D J m D B U J P O T H F W F J Q N F O U
EFOTJUPNFUFST BOE UFOTJPO UFTU

(e) conducting chemical and physical laboratory tests to assist scientists and engineers obtain data indicating potential sources of metallic ore, gas or petroleum
J O N B L J O H R V B M J U B U J W F B O B M
Z T F T P G T P M J E T M J R V J E T B O E H B T F P V T N B U F S J B M T

Examples of the occupations classified here:
Chemical engineering estimator . F U B M M V S H J D B M U F D I O J D J B O
Chemical engineering technician . J O F J O T Q F D U P S
. J O J O H F O H J O F F S J O H U F D I O J D J B O



Some related occupations classified elsewhere: Unit Group 3119

( F P M P H Z U F D I O J D J B O . J O F S o . J O J O H Q M B O U P Q F S B U P S o 2 V B S S J F S o

**Physical and Engineering Science Technicians Not Elsewhere Classified**

5 I J T V O J U H S P V Q D P W F S T Q I Z T J D B M science technicians not classified elsewhere in . J O P S ( S P V Q 1 I Z T J D B M B O E & O H J F O D F 5 F D I O J D J B O T ' P S J O T U B O D F includes those who assist scientists and engineers F O H B H F E J O E F W F M P Q J O H Q S P D F E V S S F T F B S D I P O T B G F U Z J O C J P N F E J D F

Unit Group 3118

**Draughtspersons**

% S B V H I U T Q F S T P O T Q S F Q B S J O H B O E S F W J T N O U X P S U J P E H P S B X P S Q H B O E T F R V F C maps and illustrations from sketches, measurements and other data, and copy drawings and paintings onto printing plates.

5 B T L T J O D M V E F o B Q S F Q B S J O H B O E S F W J T N O U X P S U J P E H P S B X P S Q H B O E T F R V F C from sketches and specifications prepared by engineers and designers for the manufacture, installation and erection of machinery and

(b) operating computer-aided design and generate hard-copy and digital representation to transfer hard-copy representation of

(c) assisting engineers in testing and designing

(e) copying drawings and paintings onto stone

(f) preparing wiring diagrams, circuit board assembly diagrams and layout drawings used for manufacture, installation and repair

(g) creating detailed working diagrams of dimensions, fastening methods and other

(h) arranging for completed drawings to be reproduced for use as working drawings.

Examples of the occupations classified here:

% S B V H I U T Q F S T P O 5 F D I O J D B M J M M V T U S B U P S

Some related occupations classified elsewhere:

\$ B S U P H S B Q I F S o 4 V S W F Z P S o

of industrial and production engineering. T O T V D I D B T F T U B T L T X P V M E J O D I B D P M M F D U J O H E B U B - B O E Q S P W J U B O D F S F H B S E J O H F D J F O U T B G F V U J M J [ B U J P O P G Q F S - T P O O F M N O U X P S U J P E H P S B X P S Q H B O E T F R V F C B U J P O T B O E T V Q F S W J T J P O P G U I F J S J N Q B O E F D J F O U M B Z P V U P G Q M B O U P S P a r t s a n d v e h i c l e s i n c l u d i n g s a f e t y p r o c e d u r e s a n d m a i n t e n a n c e a n d r e p a i r o f b u i l d i n g s , d a m s , b r i d g e s , r o a d s a n d o t h e r a r c h i t e c t u r a l s t r u c t u r e s . N P E J G Z J O H B O E U F T U J O H F R V J Q N B O E D J W J M F O H J O F F S J O H Q S T P K E F D I O T U I F Q S F W F O U J - P O D P O U S P U J P O P G F O W J S P O N F O U - B M Q P M M V U E S B V H I U J O H F R V J Q N F O U U E J B S J P O F B O N P M B O Z E S O D M B N B U J P O E B T T J T U J O H J O U I F E F W F M U J P O T P G X P S L J O H E S B X J O H F D U B M Q P M M V U J P O S F N F E J B U J P O D P Q F S B U J O H E J H J U J [ J O H U B F C M J F S P S U J P E H P S B X P S Q H B O E T F R V F C U B F C M J F S P S U J P E H P S B X P S Q H B O E T F R V F C o f a s s i s t i n g e n g i n e e r s i n t e s t i n g a n d d e s i g n i n g B P O E P U D F S F R V S O N F F T O W P

Examples of the occupations classified here: Engineering technician (production) Forensic science technician Robotics technician

Some related occupations classified elsewhere: 1 S P E V D U J P O F O H J O F F S o U 2 V B O G B U Z J P S J S W F Z P S X F S " F S P O B V U J D T F O H J O F F S J O H U F D I O J D J B M J M M V T U S B U P S

Examples of the occupations classified here: Engineering technician (production) Forensic science technician Robotics technician

Some related occupations classified elsewhere: 1 S P E V D U J P O F O H J O F F S o U 2 V B O G B U Z J P S J S W F Z P S X F S " F S P O B V U J D T F O H J O F F S J O H U F D I O J D J B M J M M V T U S B U P S

Examples of the occupations classified here: Engineering technician (production) Forensic science technician Robotics technician

Some related occupations classified elsewhere: 1 S P E V D U J P O F O H J O F F S o U 2 V B O G B U Z J P S J S W F Z P S X F S " F S P O B V U J D T F O H J O F F S J O H U F D I O J D J B M J M M V T U S B U P S

Minor Group 312

Mining, Manufacturing and Construction Supervisors

. J O J O H N B O V G B D U V S J O H B O E D P O T T U V S Q E S W P J O T F T V O D F S Q U U S P S M T  
T D I F E V M F U I F B D U J W J U J F T P G X P D S L F T S U S V D U N B O V Q E F S B V S E O T H  
5 B T L T Q F S G P S N F E V T V B M M Z J O P N S V E O B U P J W H S T U F F J O D H U J W W J O  
tradespersons, process control technicians, machine operators, assemblers, labourers and  
P U I F S X P S L F S T P S H B O J [ J O H B O T E U C F M U B J O N O B J O F H E S B F J D M P S E X P E S  
S F Q P S U T J E F O U J G Z J O H T I P S U B G H F F U T Z P P G G T X J P B S L P S S T T W O C M S F D U  
U S B J O J O H O F X T U B

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B / T Q T J m F E J O U P U I F

- 3121 Mining Supervisors
- 3122 Manufacturing Supervisors
- 3123 Construction Supervisors

Notes

+ P C T D M B T T J m F E J O . J O P S ( S P V Q O T U S V D U O J P O H 4 V C B F O S W G J E T P S V S N E O J H O N B Z O E  
W P M W F Q M B O O J O H P S H B O J [ J O H J O B I P W I S E X O S W J E O P H F O P O P U S I P S I T M J O H U B F  
U I F U J N F X P S L F S T F N Q M P Z F E J O T U Q I F S T G P X R I C E T C E Z P U O P T F Q H S Z G P T S V O F S W F J T  
B M U I P V H I U I F Z G S F R V F O U M Z I B W F D F Y R U G Q U T F W F U F Y Q L F T S J I S O P T F F J X I P O D S C S S N A  
U I F U B T L T B O E E V U J F T P G U I F K P O T Q U I S Z P M W O J F O S H W J U I F F U O D B I D E J D U B I M O R U V B N  
X P S L E P O F C Z P U I F S T T I P V M E C F T V M B S W J m F E X J U T F U T F V Q P S W F S T P S U Z I F K Z P C T  
B S F D B M M F E I G P S F N F O X P N F O w P S I U F B N M F B E F S T w

\* O E J T U J O H V J T I J O H C F U X F F O N B O E B H O B S H T F S D T M B B T O E m F V E O F J S O W J E T R B S S ( S R M V O T J  
J O P U I F S N B K P S H S P V Q T J U T I P V M E E T O F Q I O S P W H E P U S I T B U N E C Z P W I M N B O O B H S S B O B J Q F D  
J O B U F D P O U S P M B O E E J S F D U U I F N X P O S E L H E S O F V C V B F M M F Z S T B W O S E E Q P O P T O J C J I  
B O E N B L F E F D J T J P O T B C P V U U I F P W J S S F E D M M P O U S C U B F K C J I T J B O C F E T P O S S B S H B O B M U  
V O J U G P S F Y B N Q M F B C P V U U I F L J T O E U T P Q F B O S I B E V D B F C E E R V C V N H U F Z J T P G I R X P E N  
N P O F Z J T U P C F T Q F O U B O E G P S B Q Q E P U O C U W S F O O P U T B T O E B O T E N U T I F B T M F M P I G I  
4 V Q F S W J T P S T N B Z Q S P W J E F B E W J D F T F O N B B U T U T F J S T U B O D Q F D P J E N N B M B H F S T S P M I B U  
T U B T F M F D U J P O B O E E J T N J T T B M E F O W U J E P T O P U I B W F B V U I P S J U Z U P N

\* U T I P V M E C F O P U F E U I B U J U J T O O P H U F S T O I F B D W F T S B S T Z Q P D O T E C U M P J O U Z I C B S N B M  
T U S B U F H J D B O E P Q F S B U J P O B M E J S E F O E J J P O T N Q V E B M U T 5 B I O E E T W H S F F F M G F D B W J P P  
U I F Z F Y F S D J T F N B Z B M T P W B S Z F S M F J D S S U J D S B M S E J T C F S O O D C F M J F P U C I B U Z G P S U  
W J T J P O P G U I F B D U J W J U J F T P G P R U I F W F X S P S M I M S T S F T Q O P S O F T B U T C J N B D U B Z H I G S P T S I B W F P  
of an organizational unit.

Unit Group 3121

Mining Supervisors

E Q S P W J E J O H S F Q P S U T B O E P U I F S  
mining managers about all aspects of mining  
P S R V B S S Z J O H P Q F S B U J P O T

. J O J O H T V Q F S W J T P S T P W F ( S T e r m i n i n g s t a n d a r d s a n d c o n t r a c t o r a v a i l a b l e s f o r  
S Z J O H P Q F S B U J P O T B O E U I E J N S J O B U P N Z R V B S S Z F S W J T F B O E  
D P P S E J O B U F U I F B D U J W J U J F T P G N J O F S T X P S L J O H J O  
V O E F S H S P V O E B O E T V S G B D E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i f i e d h e r e :

5 B T L T J O D M V E F o . J O F E F Q V U Z  
B T V Q F S W J T J O H B O E D P P S E J O B U J T O I O F L S I W J B D S J W J U J F T

P G X P S L F S T X I P F Y U S B D U . J N J O F V O B M S T N B O E H P S U I F S  
natural deposits from the earth, and who 2 V B S S Z T V Q F S W J T P S

P Q F S B U F V O E F S H S P V O E D P O W F Z B O D F T P S I F B W Z  
F R V J Q N F O U J O T V S G B D F S o m e o t h e r o c c u p a t i o n s c l a s s i f i e d e l s e w h e r e :

- (b) establishing methods to meet work sched- . J O F N B O B H F S o  
ules and recommending measures to mining . J O F J O T Q F D U P S o  
N B O B H F S T U P J N Q S P W F Q S P E O D S J O W J U Z

- (c) working with managerial and technical per- 2 V B S S J F S o  
sonnel, other departments and contractors to  
S F T P M W F P Q F S B U J P O B M Q S P C M F N T B O E D P P S E J O B U F  
B D U J W J U J F T

Unit Group 3122

**Manufacturing Supervisors**

. B O V G B D U V S J O H T V Q F S W - J T F S P T O T D U P S P V S D E U J O P E O U F T V B O O F E S W V T P S T D P P S E J Q F S W J T F U I F B D U J W J U J F - T B G E Q S T P D D I F F T E T V M F O U S P M B D E D M O J U J F T I  
cians, machine operators, assemblers and other manufacturing labourers.

5 B T L T J O D M V E F o B D P P S E J O B U J O H B O E T V (a) Reading specifications to determine construction of process control technicians, machine operators, assemblers and other manufacturing labourers.

(b) organizing and planning the daily work with D F Y B N J O J O H B O E J O T Q F D U J O H X P S S F H B S E U P Q M B O T - F D E P O P N B Z N J O T J O H F B V O J E Q N F F O W J B S O E D P O T P O N F O U

(c) preparing cost estimates, records and reports Q P S U T F T V Q F S W J T J O H D P O T U S V D U J P O T E J E F O U J G Z J O H T I P S U B H F P G B T U J H X P S S L P X Q U I O P O U F S D P O T U S V D F F O T V S J O H T B G F U Z P G X B S L F S T V Q F S W J T J O H U I F B D U J W J U J F T I G J O T U S V D U J O H B O E U S B J O W K E R S , O A B O U R E R S A N D O T H E R C O N S T R U C T I O N W O R K E R S .

Examples of the occupations classified here:

- " S F B D P P S E J O B U P S N B E A M P L E S O F T H E S C C O P T I O N S C L A S S I E D H E R E :
- " T T F N C M Z T V Q F S W J T P S # V J M E J O H D P O T U S V D U J P O T V Q F S W
- ' J O J T I J O H T V Q F S W J T P S Site manager (construction)
- 1 S P E V D U J P O T V Q F S W J T P S N B O V G B D U V S J O H

Some related occupations classified elsewhere:

. B O V G B D U V S J O H N B O B H F S 1 S P K F D U C V J M E F S o

Unit Group 3123

**Construction Supervisors**

the construction and repair of buildings and structures.

5 B T L T J O D M V E F o U J P O S F R V J S F N F O U T B O E Q M B O O J (b) organizing and coordinating the material and

D F Y B N J O J O H B O E J O T Q F D U J O H X P S S F H B S E U P Q M B O T - F D E P O P N B Z N J O T J O H F B V O J E Q N F F O W J B S O E D P O T P O N F O U U P F O T V S F U I B U I F B M U I B O E T B G F U

B S F N F U F T V Q F S W J T J O H D P O T U S V D U J P O T E J E F O U J G Z J O H T I P S U B H F P G B T U J H X P S S L P X Q U I O P O U F S D P O T U S V D F F O T V S J O H T B G F U Z P G X B S L F S T V Q F S W J T J O H U I F B D U J W J U J F T I G J O T U S V D U J O H B O E U S B J O W K E R S , O A B O U R E R S A N D O T H E R C O N S T R U C T I O N W O R K E R S .

Examples of the occupations classified here:

- " S F B D P P S E J O B U P S N B E A M P L E S O F T H E S C C O P T I O N S C L A S S I E D H E R E :
- " T T F N C M Z T V Q F S W J T P S # V J M E J O H D P O T U S V D U J P O T V Q F S W
- ' J O J T I J O H T V Q F S W J T P S Site manager (construction)
- 1 S P E V D U J P O T V Q F S W J T P S N B O V G B D U V S J O H

Some related occupations classified elsewhere:

\$ P O T U S V D U J P O Q S P K F D U N B O B H F S 1 S P K F D U C V J M E F S o

\$ M F S L P G X P S L T o

Minor Group 313

**Process Control Technicians**

Process control technicians operate and monitor switchboards, computerized control systems generation and distribution, wastewater, sewage treatment and waste disposal plants, chemical, petroleum and natural gas refineries, in metal processing and other multiple process operations.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V S B [ F F E Q B S B W S P H M F Q M B F O D F U S P O C B D F O U S B M D P O U S P M S P P N U P N P O M U P J S O B O C E S P D E U T N J T U B S S P V O T I V U E P X O P Q F S B U J O H B O E N P O V J Q P N S F J O U H N X O U D P S P O S E B T O E J O T Q F D U J O H F R V J Q N F O U B O E T Z T U F S I F B B P O E H F T U G S B N N B M B S W O D U N J P U B O E H B V H F T B U F T U B C M J T I F E J O U D S V S B M D T U J W S P B V C U M I P T O I P E P T U D O F H P N B J O U B J O J O H S F D P S E T M P H T B O E S F S P S O O F N D P W A N V B O T J D F B T U T J C F H N F O U P Q F S B U J O H T U B U V T D M F B O S O W H J T B O E H N O B M B O B J B O C O D H N F R M J operators, assemblers and other workers.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T Q T T J m F E J O U P U I F

- 3131 Power Production Plant Operators**
- 3132 Incinerator and Water Treatment Plant Operators**
- 3133 Chemical Processing Plant Controllers**
- 3134 Petroleum and Natural Gas Refining Plant Operators**
- 3135 Metal Production Process Controllers**
- 3139 Process Control Technicians Not Elsewhere Classified**

Notes

\* O T P N F K P C T U I F X P S L P G Q S P D A N T C T J O P E O X S B M T W R O D F I S O W D T J B R O C A N G Z T C E D J  
P U I F S P D D V Q B U J P O T T V D I B T Q M B N C U M B S O T E N B D T F O K P P C Q F T S I P V W S E T C B F O D N B B T T F  
J O . J O P S ( S P V Q 1 S P D F T T \$ P T O B O P M G P U D H S J X P J S L O S T V T O M I F F T D M F V E  
Q S F E P N J O B O U F M F N F O U P G U I F X P S E T B O S F U S F F M S B D W T F T M Z P O J N S O M F B D U P J S V J  
B D I F N J D B M Q S P D F T T J O H Q M B O U D T P O U F S N J M D M S O X S I P D F O F S O H F V O B O E B O O J R U F  
N F O U G S P N B D F O U S B M D P O U S P M S U P N T P O E D B I N B D T B V M F S W P E E D W T I F Q B V D E  
N B D I J O F P Q F S B U P S T T I P V M E C F J O D M V E F T S P H F E T T J O O H 6 O M U B Q U S P S V P O U S P M N  
" T V Q F S W J T P S P G B T T F N C M F S T S I F X J B V S E S V O X I B O E T T B W J T E P S X F O T C P G O B J Q M S  
B V U P N B U F E B T T F N C M Z M J O F J T D M U B V T S T J J O H F E V J O O F S W O J J T U P S T S P V Q . B O V  
O Q F S B U P S T P G T J O H M F Q S P D F T T Q M B O B U B D E F N B O I P J O F J O W P S M P V G F N B D U J P O N  
D P O U S P M P G N V M U J Q M F Q S P D F T T F T B I S S P O P U T J O B O W S P E M J S O F D J O P S J B S O P T V O  
P D D V Q B U J P O T B S F N B J O M Z D M B T T J M F J E O B O O Q B F S P S U R S P V B O E " T T M B N O C U M B O E . B  
" M M N J O J O H Q M B O U P Q F S B U P S T O B F S S T D B M E T Z V B S S J F S T 6 O J U ( S P V Q

Unit Group 3131

Power Production Plant Operators

Hydroelectric power plant operator  
Nuclear power plant operator  
Power system operator  
Solar power plant operator

Power production plant operators operate, monitor and maintain switchboards and related control the production and distribution of electrical or other power in transmission networks.

FRVJQNFOU JO FMFDUSJD BOE PUIFS BVYJMBSZ FRVJQNFOU  
5IF FRVJQNFOU PQFSBUFE JODMVEFT SFBDUPST UVS  
CJOFT HFOFSBUPST BOE PUIFS BVYJMBSZ FRVJQNFOU

in electrical power-generating stations. Unit Group 3132  
5BTLT JODMVEF o  
B PQFSBUJOH NPOJUPSJOH BOE JOTQFDUJOH WBSJPVT  
UZQFT PG FOFSHZ HFOF

(b) operating and controlling power-generating turbines, generators, condensers and reactors in hydro, thermal, coal, oil, natural gas and nuclear power plants to generate and distribute waste treatment plants to regulate the treatment of sewage and wastes, and in water and nuclear power plants to generate and distribute and treatment plants to regulate the distribution and distribution of water.

(c) controlling start-up and shut-down of power plants with systems operators to regulate and taking readings from charts, meters and wastes, and in water  
Q M B O U F R V J Q N F O U D P O U S P M B U J P O T S F H V M B U J O H X B U F O  
D P P S E J O B U F U S B O T N J T T J P U C S F N B E O U B O E R M F R O W D J E X B T U F Q M  
B O E M J O F W P M U B H F T n P X U S F B U N F O U B O E E J T Q P T B M

(d) taking readings from charts, meters and wastes, and in water ltration and treatment plants to regulate and distribution of water for human consumption and for as generators, boilers, turbines, pumps and erating conditions, meters, lters, chlorina-

(e) completing and maintaining station records, logs and reports, and communicating with PUIFS Q M B O U Q F S T P O O F M P Q F S B U J O H T U B U V T  
G D M F B O J O H B O E N B J O U B J O J Q H D E R V O H Q N F R O U Q N V F D I U B O  
D P N Q S F T T P S T J O P S E F S U P T O R Q S A N D W A G E S I N F O R M A L C O N T R O O M S T O  
failure or deterioration. E F U F S N J O F M P B E S F R V J S F N F O U T U  
n P X T Q S F T T V S F T B O E U F N Q F S B U V S

Examples of the occupations classi ed here:

%JTUSJCVUJPO DPOUSPM PQFSBUJPSJOH BOE BEKVTUJOH  
Electric power plant operator JBSZ FRVJQNFOU TVDI BT FYIE  
(FOFSBUJOH TUBUJPO PQFSBUJPSJCFST BOE JODJOFSBUPS IFBU

- (e) collecting and testing water and sewage sam- Chemical products plant and machine  
ples for chemical and bacterial content, using P Q F S B U P S o  
U F T U F R V J Q N F O U B O E D P M P V S B O B M Z T J T T U B O E B S E T
- (f) analysing test results to make adjustments to  
Q M B O U F R V J Q N F O U B O E T Z T U F N T U P E J T J O G F D U B O E  
E F P E P S J [ F X B U F S B O E P U U F I T G r o u p 3 1 3 3 J E T
- (g) performing security and safety checks **Petroleum and Natural Gas Refining Plant**  
Q M B O U B O E P O H S P V O E T **Operators**
- (h) completing and maintaining plant logs and  
reports.

Examples of the occupations classified here:

- Incinerator operator
- J R V J E X B T U F Q S P D F T T a s e Q f r o m S o b i s P a s s
- Pumping-station operator
- Sewage plant operator
- Wastewater operator
- Water treatment plant operator

Petroleum and natural gas re ning plant opera-  
tors operate and monitor plants and adjust and

refine, distil and treat petroleum, petroleum-  
base products, by-products, or natural gas.  
5 B T L T J O D M V E F o

(a) operating electronic or computerized con-  
trol panels from a central control room to  
monitor and optimize physical and chemical

Q S P D F T T F T G P S T F W F S B M Q S P D F T  
C B E K V T U J O H F R V J Q N F O U W B M W F T  
B O E Q S P D F T T F R V J Q N F O U

(c) controlling process start-up and shut-down,  
troubleshooting and monitoring outside  
Q S P D F T T F R V J Q N F O U

Unit Group 3133

**Chemical Processing Plant Controllers**

Chemical processing plant controllers operate and  
monitor chemical plants and related multi-func- well pipes for leaks and fractures and ar-  
tion process control machinery, and adjust and S B O H J O H G P S N B J O U F O B O D F  
N B J O U B J O Q S P D F T T J O H V O J (e) T a n a l y s i n g s a m p l e p r o d u c t s p e r f o r m i n g  
distil, lter, separate, heat or re ne chemicals. recording data and writing production logs.  
5 B T L T J O D M V E F o

W F S J G Z J O H F R V J Q N F O U G P S N B M G  
S B O H J O H G P S N B J O U F O B O D F

(e) Tanalyzing sample products, performing tests,  
recording data and writing production logs.

(a) operating electronic or computerized con-  
trol panels from a central control room to  
monitor and optimize physical and chemical  
Q S P D F T T F T G P S T F W F S B M Q S P D F T T J O H P O S B U P S  
C B E K V T U J O H F R V J Q N F O U W B M W F T P a n t o p e r a t o r D P O U S P M T  
B O E Q S P D F T T F R V J Q N F O U P e t r o l e u m p r o c e s s o p e r a t o r

Examples of the occupations classified here:  
Blender operator (petroleum and natural  
gas re ning)

(c) controlling the preparation, measuring and  
feeding of raw materials and processing agents  
T V D I B T D B U B M Z T U T B O E m M U F S i n g H N F E J B J O U P Q M B O U

Petroleum process operator  
Re nery process technician

(d) controlling process start-up and shut-down,  
troubleshooting and monitoring outside  
Q S P D F T T F R V J Q N F O U

Some related occupations classified elsewhere:  
\$ I F N J D B M Q S P D F T T J O H Q M B O U D P  
F W F S J G Z J O H F R V J Q N F O U G P S N B M G V O D U J P O T D B S

rying out routine operating tests and ar-  
S B O H J O H G P S N B J O U F O B O D F P Q F S B U P S o

Chemical products plant and machine

(f) analysing sample products, performing tests,  
recording data and writing production logs.

Examples of the occupations classified here:

- Chemical ltering and separating  
F R V J Q N F O U P Q F S B U P S
- Chemical heat treating plant operator
- Chemical process technician
- Chemical still and reactor operator

Unit Group 3135

**Metal Production Process Controllers**

. F U B M Q S P E V D U J P O Q S P D F T T D P O U S  
and monitor multi-function process control ma-  
D I J O F S Z B O E F R V J Q N F O U U P D P O U S P  
P G N F U B M D P O W F S U J O H B O E S F m o J O H

Some related occupations classified elsewhere:

- Petroleum and natural gas re ning plant F Y U S V T J P O Q M B O U T
- P Q F S B U P S o
- 5 B T L T J O D M V E F o

- (a) coordinating and monitoring the operation of a particular aspect of metal processing production through control panels, computer terminals or other control systems, usually G S P N B D F O U S B M D P O U S P M S P P N

- (b) operating multi-function central process control machinery to grind, separate, melt, roast, treat, refine or otherwise process NFUBMT

Unit Group 3139  
**Process Control Technicians Not Elsewhere Classified**

- D P C T F S W J O H D P N Q V U F S BOE H B V H F T U P W F S J G Z T Q F D J m F E Q S P D F T T J O H D P O E J U J P O T B O E U P N B L F O F D J T T B S Z B E K V T L N F O U T F W F S T Q S P D F E D P P S E J O B U J O H B O E F S P D F T T S W P O U S P M O S F D I O J D J B O T

- (e) starting up and shutting down the production system in cases of emergency or as re-

- G Q S P W J E J O H B O E P S H B O J J O H U S B J O J O H C P S M F N C F S T P G Q S P E V D U J P O D S F X T

Examples of the occupations classified here:  
 Industrial robot controller  
 Panel board operator (pulp and paper)  
 Paper pulp refinery operator  
 Pulping control operator  
 Pulping technician

Examples of the occupations classified here:

- Blast furnace operator
- Central control caster
- Rolling mill control operator

Note  
 " M M N J O J O H Q M B O U P Q F S B U P S T ( S P V Q . J O F S T B O E 2 V B S S J F S T

**Minor Group 314**  
**Life Science Technicians and Related Associate Professionals**

- J G F T D J F O D F U F D I O J D J B O T B S G P S N M B B W F B E S J F T U Z P P D G J B U U F D I O U B T L T U P T V Q Q P S U M J G F T D J F O D F E Q W F G M F T C N P O B M T N B O B H F U N F D P O T F S W B U J P O B O E Q S P U F D U J P B O Z X P S R P M J P C H Z B S E B P T U F D I O D I P N

5 B T L T Q F S G P S N F E V T V B M M Z J O D M W E B C P D S B O J E P V S I Z U B O H M U Z T T F U T T n f F Y T F B S D I B O E T V S W F Z T U P D P M M F O W J m D G N P F S U N B E J T P Q F E Q J O H J D P S E T B T T J T U J O H J O B O B M Z T J O H U J E C H U B B E D E N B J S C F O B J S O J O C H S F F R O M P J S O U N O D D V O B U J P O T J O U I J T N J O P S H S P H Q V B S U F H S P B V T O T T J m F E J O U P U I F

- 3141 Life Science Technicians (excluding Medical)**
- 3142 Agricultural Technicians**
- 3143 Forestry Technicians**

Unit Group 3141  
**Life Science Technicians (excluding Medical)**

N B O B H F N F O U F O W J S P O N F O U B M Q S and animal biology, microbiology, and cell and molecular biology.

- J G F T D J F O D F U F D I O J D J B O T B T L F T D O M M E V E D F H o N F E J D B M Q S P W J E F U F D I O J D B M T V Q (a) assisting in designing, setting up and operating machinery and equipment used in the application of products and processes resulting from research in areas such as natural resource

(c) collecting and preparing specimens and identifying pathogenic micro-organisms and samples, chemical solutions and slides and insects, parasites, fungi and weeds harmful to crops, animals and humans. Examples of the occupations classified here: Horticultural technician, Poultry technician, Bacteriology technician, Biochemistry technician, Herbarium technician, Pharmacology technician, Serology technician, Zoology technician.

(d) analyzing food products to establish standards of quality and safety. Examples of the occupations classified here: Food inspector, Food safety technician, Food quality control technician.

(e) organizing maintenance and repairs of equipment and machinery. Examples of the occupations classified here: Equipment repair technician, Machinery repair technician.

(f) examining the soil and water for contamination and determining the extent of contamination. Examples of the occupations classified here: Environmental technician, Water quality technician.

(g) examining the soil and water for nutrients and determining the extent of nutrient deficiency. Examples of the occupations classified here: Soil testing technician, Water testing technician.

(h) examining the soil and water for pH and determining the extent of acidity or alkalinity. Examples of the occupations classified here: Soil testing technician, Water testing technician.

(i) examining the soil and water for salinity and determining the extent of salinity. Examples of the occupations classified here: Soil testing technician, Water testing technician.

Examples of the occupations classified here:

- Bacteriology technician
- Biochemistry technician
- Herbarium technician
- Pharmacology technician
- Serology technician
- Zoology technician

Some related occupations classified elsewhere:  
 " SUJmDJBM JOTFNJOBUPS o  
 7FUFJSJOBSZ UFDIOJJDJBO o

Unit Group 3143

Some related occupations classified elsewhere:

**Forestry Technicians**  
 'PSFOTJD TDJFODF UFDIOJJDJBO o  
 .FEJDBM MBCPSBUPSZ UFDIOJJDJBO o  
 1BUIMPMPHZ MBCPSBUPSZ UFDIOJJDJBO o  
 1IBSNBDFVUJDBM UFDIOJJDJBO o

Unit Group 3142

**Agricultural Technicians**

(b) assisting in and performing technical functions in the field of agriculture. Examples of the occupations classified here: Agricultural technician, Farm management technician, Horticultural technician, Poultry technician, Bacteriology technician, Biochemistry technician, Herbarium technician, Pharmacology technician, Serology technician, Zoology technician.

(c) collecting and preparing specimens such as soils, plant or animal cells, tissues or parts for analysis. Examples of the occupations classified here: Agricultural technician, Farm management technician, Horticultural technician, Poultry technician, Bacteriology technician, Biochemistry technician, Herbarium technician, Pharmacology technician, Serology technician, Zoology technician.

(d) analyzing food products to establish standards of quality and safety. Examples of the occupations classified here: Food inspector, Food safety technician, Food quality control technician.

(e) organizing maintenance and repairs of equipment and machinery. Examples of the occupations classified here: Equipment repair technician, Machinery repair technician.

(f) examining the soil and water for contamination and determining the extent of contamination. Examples of the occupations classified here: Environmental technician, Water quality technician.

(g) examining the soil and water for nutrients and determining the extent of nutrient deficiency. Examples of the occupations classified here: Soil testing technician, Water testing technician.

(h) examining the soil and water for pH and determining the extent of acidity or alkalinity. Examples of the occupations classified here: Soil testing technician, Water testing technician.

(i) examining the soil and water for salinity and determining the extent of salinity. Examples of the occupations classified here: Soil testing technician, Water testing technician.

- (g) ensuring adherence to regulations and pol- BOE EJTFBTF TVSWFZT PS FYQFSJN I  
 J DJFT DPODFS OJOH FOWJS B O IN FGOPLS E MU OF SOPH W F O F S B O H SFTFBSD  
 resource utilization, re safety and accident K Q S F O B S J O H G P S F T U D V M U J W B  
 Q S F W F O U J P O plans.  
 I TVQFSWJTJOH GPSFTU USFF OVSTFSZ PQFSBUJPOT  
 J QSPWJEJOH UFDIOJ Examples of the occupations class ed here U S Z S F  
 search programmes in areas such as tree im- Forestry technician  
 QSPWFNFOU TFFE PSDIBSE 4 J Q V S B D V M Q T V S F J O U T F F D D I O J D J B O

**Minor Group 315**  
**Ship and Aircraft Controllers and Technicians**

4 I J Q B O E B J S D S B G U D P O U S P M M F S T B B O E T I W F O D T I O B J O D E J B B O J T S D D S P B N G N J B O  
 G P S N U F D I O J D B M G V O D U J P O T U P F O T T W Q F S T B J G I P O B T O E B O E D E F F O W U F M  
 electrical, electromechanical and computerized air control systems.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F O J D P B O M U S F M I M D O S I J D B A M P R O  
 U S P O J D F R V J Q N F O U P O C P B S E T I J O W P J S H P L O J O H S T D I S O G U P S D E P J N S N D S  
 E J S F D U J O H U I F N P W F N F O U T P G T I J J D Q B T M P S F M J F S D D U S S P G N U F D E E O W F D M B P I  
 computerized air control systems.

O D D V O B U J P O T J O U I J T N J O P S H S P H V O V O B S U F H D S P B / T O T T J m F E J O U P U I F

- 3151 Ships' Engineers**
- 3152 Ships' Deck Officers and Pilots**
- 3153 Aircraft Pilots and Related Associate Professionals**
- 3154 Air Traffic Controllers**
- 3155 Air Traffic Safety Electronics Technicians**

**Unit Group 3151**  
**Ships' Engineers**

Example of the occupations class ed here:  
 Ships' engineer

Ships' engineers control and participate in some related occupations class ed elsewhere:  
 operation, maintenance and repair of mechan- . B S J O F F O H J O F F S o  
 J D B M F M F D U S J D B M B O E F M F D U S P O J D F R V J Q N F O U B O E  
 machinery on board ship, or perform related  
 supporting functions on shore.

5 B T L T J O D M V E F o

- (a) controlling and participating in the operation, maintenance and repair of mechan- Unit Group 3152  
 ation, maintenance and repair of mechan- **Ships' Deck Officers and Pilots**  
 J D B M F M F D U S J D B M B O E F M F D U S P O J D F R V J Q N F O U B O E  
 N B D I J O F S Z P O C P B S E T I S H o  
 Ships' deck officers and pilots command and
- (b) ordering fuel and other engine-room depart- O B W J H B U F T I J Q T B O E T J N J M B S W F T  
 ment stores and maintaining records of oper- related functions on shore.  
 B U J P O T 5 B T L T J O D M V E F o
- (c) inspecting and conducting maintenance and D O B W J H B U J O H W F T T F M T J O U P  
 stallation, maintenance and repair of ships W F T T F M B U T F B P S P O J O M B O E X B  
 N B D I J O F S Z B O E F R V J Q N F O U (c) controlling and participating in the operation, maintenance and  
 B O D F X J U I T Q F D J m D B U J P O T C B O E H S F X B U M D I U B O J W J U J F T
- (d) inspecting and conducting maintenance and D O B W J H B U J O H W F T T F M T J O U P  
 emergency repairs to engines, machinery and through channels, straits and other waters  
 B V Y J M J B S Z F R V J Q N F O U X I F S F T Q F D J B M L O P X M F E H F J T S F R
- (e) standing engine room watch, monitoring and ensuring safe loading and unloading of cargo  
 noting performance of engines, machinery BOE P C T F S W B O D F P G T B G F U Z S F  
 BOE B V Y J M J B S Z F R V J Q N F O U Q S P D F E V S F T C Z D S F X B O E Q B T T F O



F Q F S G P S N J O H U F D I O J D **Examples of the occupations classified here:**  
 tenance and repair of ships to ensure com- " F S J B M D S P Q T Q S B Z F S  
 Q M J B O D F X J U I T Q F D J m D B U J P O **Flight Engineer** S F H V M B U J P O T  
 (f) applying knowledge of principles and prac- Flying instructor  
 U J D F T S F M B U J O H U P - T I J Q T / B W O H S B R S J P O J H B I Q E O B W J H B  
 U J P O J O P S E F S U P J E F O U P O Z (a) **Pilot (aircraft)** T P M W F Q S P C M F N T  
 B S J T J O H J O U I F D P V S T F P G U I F J S X P S L  
 (g) ordering ships stores, recruiting crew as  
 S F R V J S F E B O E N B J O - U B J O J O H S F D P S E T P G P Q F S  
 B U J P O T **Unit Group 3154**  
 I U S B O T N J U U J O H B O E S F **Air Traffic Controllers** P V U J O F B O E F N F S  
 gency information with shore stations and  
 other ships. " J S U S B D D P O U S P M M F S T E J S F D U B J S

Examples of the occupations classified here: B O E M J H I U J O H T Z T U F N T B O E Q S  
 Pilot (ship) S F M F W B O U U P U I F P Q F S B U J P O P G B J S  
 Ships captain 5 B T L T J O D M V E F o  
 Skipper (yacht) (a) directing and controlling aircraft ap-  
 Q S P B D I J O H B O E M F B W J O H B J S Q P

Some related occupations classified elsewhere: N P W F N F O U P O U I F H S P V O E  
 \$ P B T U B M m T I F S Z T L J Q (b) directing and controlling aircraft operating  
 5 S B X M F S T L J Q Q F S o J O E F T J H O B U F E B J S T Q B D F T F D U P S T  
 4 B J M P S o D F Y B N J O J O H B O E B Q Q S P W J O H n J H  
 E J O G P S N J O H n J H I U D S F X B O E P O

**Unit Group 3153**  
**Aircraft Pilots and Related Associate Professionals**

" J S D S B G U Q J M P U T B O E S F M (b) **Initiating and Directing Emergency Search**  
 control the operation of mechanical, electrical and B O E S F T D V F T F S W J D F T B O E Q S P D F E  
 F M F D U S P O J D F R V J Q N F O U J O P S E E S S F F O B W H H B U J F W J S D S B G R G B M M  
 for transporting passengers, mail and freight, and W F I J D M F T P O P S O F B S B J S Q P S U S V  
 Q F S G P S N S F M B U F E Q S F n J H (h) **Maintaining radio and telephone contact**  
 5 B T L T J O D M V E F o with adjacent control towers, terminal con-  
 B n Z J O H B O E O B W J H B U J **Control Units and Control Centers, and** B O D F  
 with established control and operating pro- d P P S E J O B U J O H U I F N P W F N F O U P  
 D F E V S F T adjoining areas.

C Q S F O B S J O H B O E T V C N J U U J O H n J H I U Q M B O T P S F Y  
 B N J O J O H T U B O E B S E n J H I **Examples of the occupations classified here:**  
 (c) controlling the operation of mechanical, " J S U S B D D P O U S P M M F S  
 F M F D U S J D B M B O E F M F D U S P O J D F R V J Q N F O U B O E F O  
 suring that all instruments and controls work  
 Q S P O F S M Z

(d) applying knowledge of principles and prac- **Unit Group 3155**  
 U J D F T P G n Z J O H J O P S E **Air Traffic Safety Electronics Technicians** T P M W F  
 Q S P C M F N T B S J T J O H J O U I F D P V S T F P G U I F J S X P S L  
 F F Y B N J O J O H N B J O - U F " **OS O S F D S F B G P S J Z T F M F O D U S D O J O D T U F D**  
 ducting inspections to ensure that aircraft technical tasks concerning the design, installa-  
 are mechanically sound, maintenance has- ison, management, operation, maintenance and  
 C F F O Q F S G P S N F E B O E S F O B U S P M M B J S R V S E N D F D P O U S P M B O  
 P Q F S B U J P O B M systems.

(f) signing necessary certificates and main 5 B T L T J O D M V E F o  
 U B J O J O H P D J B M S F D P S E (a) **Carrying out technical duties related to the**  
 (g) obtaining briefings and clearances before E F W F M P Q N F O U P G F M F D U S P O J D B O I  
 flights and maintaining contact with air B J S O B W J H B U J P O T Z T U F N T B O E F R  
 U S B D P S n J H I U D P O U S P M U E V S J O H Q S P U P U Z Q F T

- C Q S P W J E J O H U F D I O J D B M J I N O S P J O F U D I E Q B F C T J M H O U Z B O S F M J B C J M  
 layout of speci c interface circuitry of air or to facilitate air tra c control procedures  
 O B W J H B U J P O B O E B J S D S B G U B J E S T Q B D E J E F T J H C S B U J P O H  
 T Z T U F N T (h) controlling, monitoring and certifying commu-
- (c) preparing and contributing to the prep- O J D B U J P O O B W J H B U J P O B O E T V S W F .  
 aration of cost estimates and technical and N B O B H F N F O U F R V J Q N F O U B O E D  
 training speci cations for air tra c control H S P V O E C B T F E B J S O B W J H B U J P O T J  
 B O E T B G F U Z F R V J Q N F O U N B Y J N V N B D D V S B D Z B O E T B G F U Z P G  
 E Q S P W J E J O H P S B T T J T U J O H P X B O I E U M F B Q E D O G J D P M S B V J P O T  
 Q F S W J T J P O P G D P O T U S V D U J P O S P W O T E U J O M M U F U J I P O D B O E U S B J O J O  
 P Q F S B U J P O P G H S P V O E C B T H E R E W O R K E R S O B W J H B U J P O  
 F R V J Q N F O U B O E J U T N B J O U F O B O D F B O E S F Q B J S  
 to ensure that standards and speci cations examples of the occupations classi ed here:  
 B S F N F U " J S U S B D T B G F U Z F O H J O F F S
- (e) applying the knowledge and skills of air " J S U S B D T B G F U Z U F D I O J D J B O  
 tra c safety engineering principles and prac-  
 U J D F T J O P S E F S U P J E F S o m e r e l a t e d o c c u p a t i o n s m a i n f e d e l s e w h e r e  
 B S J T J O H J O U I F D P V S T F P G " F U S I F O S V M P S B M F O H J O F F S o  
 G E F W F M P Q J O H N P E J G Z J O H S O M E D E U F S C V O H J D T H F O T H J O F N S o  
 T P G U X B S F " F S P N F D I B O J D o  
 H N P E J G Z J O H F Y J T U J O H H S P V O S D C S B T F E N B S I C O U B F W J H O B D F F O H J O F  
 U J P O T Z T U F N T B O E F R V J Q N F O U U P B E B Q U U I F N U P  
 new air tra c control procedures, in order to " W J P O J D T U F D I O J D J B O o

Sub-ma-or Group 32

Health Associate Professionals

Health associate professionals perform technical and practical tasks to support diagnosis and treatment of illness, disease, injuries and impairments in humans and animals, and to support implementation of health care, treatment and referral plans usually established by medical, WFUFSJOBSZ OVSTJOH BOE PUIFS FISFBMSUN BODSPFG FJTOT JNP DBM TP D\$P UJPOT JO UIJT TVC NBKPS HSPVQ TSLFJRW MS FM F VLFJMI MT BU UIF UI 5BTLT QFSGPSNFE CZ XPSLFST JO UEFF TVFCT UNJ BKHPS B CHES PPVOCF SVBTUJ NFEJDBM JNBHJOH FRVJQNFOU BOEQBSNPS INTJLQHS JDOMIJ B B B BMU JUPFO TQFDJNFOT PG CPEJMZ nVJET BOE UPJITFVSFOIBCSNIBQFVJQB BNMF EDJF QPVOET VOEFS UIF HVJEBODF PG QWBJSDN B DJ BOTE SEFCB HSDJQOH NFE BOE EFOUBM EFWJDFT BOE BQQ NMB D B SFT B QES-ANW B X J QHS ZO V S QPSU TFSWJDFT VTJOH IFSCBM BFC E P M F S F G T F B B Q J F T Q E B T F C

originating in specific cultures.

- ODDVQBUIJPOT JO UIJT TVC NBKPS XHUSPHV QN JBOSPFS DHMSBVTQJmFE JOU
- 321 Medical and Pharmaceutical Technicians**
- 322 Nursing and Midwifery Associate Professionals**
- 323 Traditional and Complementary Medicine Associate Professionals**
- 324 Veterinary Technicians and Assistants**
- 325 Other Health Associate Professionals**

Minor Group 321

Medical and Pharmaceutical Technicians

. FEJDBM BOE QIBSNBDFVUJDBM UFDPOBDTBTOUT JOOF SEGB\$INO PUTEJDI C treatment of illness, disease, injuries and impairments. 5BTLT QFSGPSNFE VTVBMMZ JODMVEFD UFMWJSCBHPB/DE BQESBWJ NFEJDBM JNBHJOH FRVJQNFOU BENSJCBTEUBSJOE SBEQBOUFSNB EFUFDU PS USFBU EJTFBTFT QFSTG P\$N CPHJ DMJ JOV DEBTM BDIETUJT preparing medications and other pharmaceutical compounds under the guidance of pharma- DJTUT EFTJHOJOH mUUJOH TFSWUBMOHEFBWJED PSTF CBEJES JCOHQ MFB C

- ODDVQBUIJPOT JO UIJT NJOPS HSPHV QN BLSF H\$P/B/TQTT mFE JOUP UIF
- 3211 Medical Imaging and Therapeutic Equipment Technicians**
- 3212 Medical and Pathology Laboratory Technicians**
- 3213 Pharmaceutical Technicians and Assistants**
- 3214 Medical and Dental Prosthetic Technicians**

Unit Group 3211  
**Medical Imaging and Therapeutic  
 Equipment Technicians**

5BTLT JODMVEF o B PQFSBUJOH PS PWFSTFFJ C diologic, ultrasound and magnetic imaging FRVJQNFOU UP QSPEVDF JNBHFT PG . FEJDBM JNBHJOH BOE UIF SEBJCBHVOUPJTDJ JDR QV\$NPOET technicians test and operate radiographic, ultraC FYQM BJOJOH QSPDFEVSFT PC TPVOE BOE PUIFS NFEJDBM JNBPHQDQHFBUBUQNFOTU BDE VTJOH QS produce images of body structures for the diag-UP FOTVSF TBGFUZ BOE DPNGPSU E nosis and treatment of injury, disease and otherBUJPO TDBO PS USFBUNFOU JNQBJSNFOUT 5IFZ NBZ BDNJQPTUUSPSBQBHJUNPHJOH PS USFBU USFBUNFOUT UP QBUJFOUT VONEF DJU IP STVQHS VWJT EFCP PEGJB QMBZ radiologist or other health professional. settings and controls according to technical TQFDJmDBUIJPOT

- (e) monitoring patients' conditions and reactions, and reporting abnormal signs to (g) establishing and monitoring programmes to ensure the accuracy of laboratory results,
  - (f) measuring and recording radiation dosage or patients, following prescriptions issued by a
  - (g) administering, detecting and mapping radio-pharmaceuticals or radiation in patients' bodies,
- following radiation safety procedures. Examples of the occupations classified here:

Examples of the occupations classified here:

% J B H O P T U J D N F E J D B M S B E J P Q I B S N B D F V U J D B M T B O E F W F M P Q J O H T U B O E B S E J [ J O  
 . B H O F U J D S F T P O B O D F J N B H J O H B T T J U J O H D F M M T T U B J O F E  
 . B N N P H S B Q I F S  
 . F E J D B M S B E J B U J P O U I F S S B C D S P N U B M S J U F R V T J Q N F O U

Some related occupations classified elsewhere:

Nuclear medicine technologist 1 B U I P M P H J T U o  
 Radiographer ' P S F O T J D T D J F O D F U F D I O J D J B O o  
 Sonographer 7 F U F S J O B S Z U F D I O J D J B O o  
 1 I M F C P U P N J T U o

Some related occupations classified elsewhere:

. F E J D B M Q I Z T J D J T U o  
 3 B E J P M P H J T U o  
 3 B E J B U J P O Q S P U F D U J P O U I F S S B C D S P N U B M S J U F R V T J Q N F O U  
 . F E J D B M J N B H J O H B T T J U J O H D F M M T T U B J O F E

**Pharmaceutical Technicians and Assistants**

Pharmaceutical technicians and assistants performing medicinal products under the guidance of a pharmacist or other health professional.

Unit Group 3212

**Medical and Pathology Laboratory Technicians**

- (a) performing clinical tests on specimens of bodily fluids, tissues and cells, and preparing and dispensing medicinal products under the guidance of a pharmacist or other health professional.
- (b) operating, calibrating and maintaining analytical instruments used in the laboratory.
- (c) entering data from analysis of laboratory tests and clinical results into record-keeping systems, and reporting results to medical practitioners or referring them to a pharmacist or other health professional.

H Q S J D J O H B O E G J M J O H C a r i e s , s a n d t h e m a t e r i a l s a n d t o o l s u s e d i n t h e  
 been led and establishing and maintaining X J M M C F S F R V J S F E  
 patient records, including lists of medica- E N B L J O H P S S F D F J W J O H D B T U T  
 U J P O T U B L F O C Z J O E J W J E V P a t i e n t s , t o r s e , c o n t h s , m o u t h s o r t e e t h f o r  
 (h) ordering, labelling and counting stocks of V T F B T G B C S J D B U J P O Q B U U F S O T  
 medications, chemicals and supplies, and (e) designing and making orthotic and prosthetic  
 F O U F S J O H J O W F O U P S Z E B U F W J D R U T P V S J F O H P S N E B U L F S F J O M O T H T V D I B T  
 T Z T U F N T and thermosetting materials, metal alloys  
 J D M F B O J O H B O E Q S F Q B S J C H O E F R W F J O U I F S U B O E D B P O E B O E Q P X F  
 tainers used to prepare and dispense medic m U U J O H B Q Q M J B O D F T B O E E F V  
 cines and pharmaceutical compounds. U F T U J O H B O E F W B M V B U J O H U I F N

Examples of the occupations classied here:

- % J T Q F O T J O H U F D I O J D J B (g) repairing, modifying and maintaining med-
- Pharmaceutical assistant J D B M B O E E F O U B M Q S P T U I F U J D B O
- Pharmaceutical technician W J D F T B D D P S E J O H U P T Q F D J m D B

Some related occupations classied elsewhere:

- 1 I B S N B D J T U o
- 1 I B S N B D P M P H Z U F D I O J D J B Q P O F O U T
- 1 I B S N B D Z B J E F o

- (g) repairing, modifying and maintaining med-
- J D B M B O E E F O U B M Q S P T U I F U J D B O
- W J D F T B D D P S E J O H U P T Q F D J m D B
- (h) bending, forming and shaping fabric or
- material so that it conforms to prescribed
- contours needed to fabricate structural com-
- Q P O F O U T
- (i) fabricating full and partial dentures and
- constructing mouth guards, crowns, metal
- D M B T Q T J O M B Z T C S J E H F X P S L B
- (j) instructing patients in the use and care of
- Q S P T U I F U J D P S P S U I P U J D E F W J D F T

Unit Group 3214

Medical and Dental Prosthetic Technicians

. F E J D B M B O E E F O U B M Q S P T U I F U J D B M O N I D D B O C J D F T J H O  
 m U T F S W J D F B O E S F Q B J S N F E J D B M B O E U E I D O O B M U E F W J D F T  
 and appliances following prescriptions or instruc- % F O U V S J T U  
 U J P O T F T U B C M J T I F E C Z B I F B M t h o p a e d a p p l i a n c e m a k e r M 5 I F Z  
 N B Z T F S W J D F B X J E F S B O H F P O r t h o t i c t e c h n i c i a n J O T U S V N F O U T  
 to correct physical medical or dental problems, Orthotist  
 such as neck braces, orthopaedic splints, arti cial Prosthetic technician  
 limbs, hearing aids, arch supports, dentures, and Prosthetist  
 dental crowns and bridges.

Examples of the occupations classied here:

- 5 B T L T J O D M V E F o
- B F Y B N J O J O H J O U F S W J F X J O % F O U B M F B J T E V S B O H Q B
- tients in order to determine their appliance 4 V S H J D B M J O T U S V N F O U N B L F S o
- needs, and to identify factors that could
- B F D U B Q Q M J B O D F m U
- (b) conferring with medical and dental practi- Note
- tioners in order to formulate speci cations O D D V Q B U J P O T J O D M V E F E J O U I J T V O J U O P S
- BOE QSFTDSJQUJPOT GPS M F W J D F T B O E F B Q Q M J B O D F P S N B M U S B J O
- (c) interpreting prescriptions or speci cations to construct and repair precision medical and surgical
- EFUFSNJOF UIF UZQF PG O S P T E M D a n d S n e e d e d M e t a l D F U P C F

Minor Group 322

Nursing and Midwifery Associate Professionals

/ V S T J O H B O E N J E X J G F S Z B T T P D J B U T F J O O H S P B G F E T T Q P S B A M O T B M S I P B S I E  
 people who are physically or mentally ill, disabled or in rm, and for others in need of care  
 E V F U P Q P U F O U J B M S J T L T U P I G F U B F S U D I J J M D O M V E J J O H I E F G H P F S O F F  
 X P S L V O E F S U I F T V Q F S W J T J P O P O G P G B O F E B M O I T D V B O S O P S U L S F B G J N  
 and referral plans established by medical, nursing, midwifery and other health professionals.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M D V E S F F Q U S P W B J U E N F O C H U O B V O S E T J E O E  
UP Q B U J F O U T B D D P S E J O H U P D B S T F T J P M O B B O M T T F T B U F E O M U J T O F H E C C S Z P G F  
O V S T F T N J E X J W F T B O E N F E J D B M O E B P O D E U P S F B J U O F B E J N J O D J M T E B S  
X P V O E T B O E B Q Q M Z J O H T V S H J D B W J E V S F M T J O G H B T N J M S P T W B E J E O  
N V O J U J F T P O U P Q J D T S F M B U F E E U O P E I D B J M U E C J S D U P I O U B S T E T D F T Q J U O J H P  
H S F T T E V S J O H Q S F H O B O D Z B O E D Q J E F M C J V S Z O D S B P S V J B O E H S P D P B H T  
T J H O T B O E T Z N Q U P N T S F R V J S J O H Q S O E V S J S E B M H U I D B S F I F B B O M E U T V O O S O P F O  
women and newborns following childbirth.

O D D V O B U J P O T J O U I J T N J O P S H S P H V O V O S U F H D S P B V T O T T J m F E J O U P U I F

**3221 Nursing Associate Professionals**

**3222 Midwifery Associate Professionals**

Note

5 I F E J T U J O D U J P O T C F U X F F O O V S E T J B O T H P D O E U N J C E X P J G F F T S T Z J P O S B M G F F T I T P J V P O E  
made on the basis of the nature of the work performed in relation to the tasks specified in this definition  
B O E J O U I F S F M F W B O U V O J U H S P M O E E Z m J O O J E W J P D E T V B M I T F R S V B J M B J U H O E S F E P O T J O I  
the country are not the main factor in making this distinction, as training arrangements for nurses and  
N J E X J W F T W B S Z X J E F M Z C F U X F F O F D X P J W O J O S J D F T V O D E J A B W F W B S J F E P W F S

Unit Group 3221

**Nursing Associate Professionals**

Some related occupations classified elsewhere:

\$ M J O J D B M O V S T F D P O T V M U B O U o  
1 S P G F T T J P O B M O V S T F o

/ V S T J O H B T T P D J B U F Q S P G F T T 4 Q O B M B T M Q S O W O J E S T E B o T J D  
nursing and personal care for people in need of 1 S P G F T T J P O B M N J E X J G F o  
T V D I D B S F E V F U P F F D U T P G B T H T F P D J H B U F M O S O P F G F T T J O K O V S M N J E X J  
P S P U I F S Q I Z T J D B M P S N F O V S T M O H N B B E J F S N D F M W O J B I P S I P T O  
H F O F S B M M Z X P S L V O E F S U I F T A V O S F T S W H T B P O F P G I P N B O E O J O  
support of, implementation of health care, treat-  
ment and referral plans established by medical  
nursing and other health professionals.

Note

5 I F E J T U J O D U J P O C F U X F F O Q S P G F T T J P O E  
professional nurses should be made on the basis of the  
nature of the work performed in relation to the tasks  
O H D B r O F E J O F U S J T P E F B M U J D P S B I F B O V B M  
U S F B U N F O U B O E I F B M U I B O E W J D F V B M T O B O J U F O U T Q S D E P N J O B U F J O  
ording to care plans established by health  
B S S B O H F N F O U T G P S O V S T F T W B S Z X J E F M Z  
B O E I B W F W B S J F E P W F S U J N F X J U I J O D P V O

- (b) administering medications and other treat-  
ments to patients, monitoring patients  
condition and responses to treatment, and  
referring patients and their families to  
health professional for specialized care

Unit Group 3222

**Midwifery Associate Professionals**

- (c) cleaning wounds and applying surgical dress-  
J O H T I F B M U I D B S F B O E B E W J D F C F G P S F E
- (d) updating information on patients condition  
B O E U S F B U N F O U T S F D F J W a r m e d a n d r e f e r a l p l a n s u s u a l l y e s t a b l i s h e d b y  
T Z T U F N T medical, midwifery and other health professionals.
- (e) assisting in planning and managing the care  
P G J O E J W J E V B M Q B U J F O U T B Q S P W J E J O H B E W J D F U P X P  
G B T T J T U J O H J O H J W J O H m o n i t o r i n g t h e h e a l t h a n d n u t r i t i o n o f c o n f e d e n f s  
gencies. F Y F S D J T F C J S U I B O E F N F S H F O D Z C

Examples of the occupations classified here:

- " T T J T U B O U O V S T F
- " T T P D J B U F Q S P G F T T J P O B M
- Enrolled nurse
- Practical nurse

B M a s s e s s i n g p r o g r e s s d u r i n g p r e g n a n c y a n d c h i l d -  
b i r t h , a n d r e c o g n i z i n g s i g n s a n d s y m p t o m s r e -  
R V J S J O H S F G F S S B M U P B I F B M U I Q S

D Q S P W J E J O H E F M J W F S Z D B S F G F T T J P O B M M Z J E X O M F Z O J O U I F  
 absence of identified potential complications, # J S U I B T T J T U B O U o  
 or assisting medical doctors or midwifery  
 Q S P G F T T J P O B M T X J U I E F M J W F S Z D B S F  
 E Q S P W J E J O H D B S F B O E T V O O P S U H S P Y O J O D M V E E T P D D V O B U J P O T G  
 newborns following childbirth, monitoring Q F S G P S N B O D F S F R V J S F T L O P X M F E H F B O E T L J  
 their health status, and identifying signs and symptoms of physical or mental disorders or illnesses  
 T Z N Q U P N T S F R V J S J O H S F G F S S B M H P B J E F B M U I O S P  
 professional.  
 Notes  
 This unit group should be based on the nature of the work performed in relation to the tasks specified in this description.

Examples of the occupations classified here:  
 " T T J T U B O U N J E X J G F  
 5 S B E J U J P O B M N J E X J G F

Some related occupations classified elsewhere:  
 # J S U I B T T J T U B O U T X I P Q S P W J E F F N P U J P O  
 \$ M J O J D B M O V S T F D P O T V M O B S B M Q D B S F B O E B E W J D F U P X P N F O  
 1 S P G F T T J P O B M O V S T F O Q S F H O B O D Z B O E M B C P V S B S F D M B T T J m F E J  
 4 Q F D J B M J T U O V S T F o 1 F S T P O B M \$ B S F 8 P S L F S T J O ) F B M U I 4 F S W J

**Minor Group 323**  
**Traditional and Complementary Medicine Associate Professionals**

5 S B E J U J P O B M B O E D P N Q M F N F O U B S Q S N W F J O W O D B S T F R P \$ B B D E Q S  
 human physical and mental illnesses, disorders and injuries using herbal and other therapies  
 C B T F E P O U I F P S J F T C F M J F G T B O E D F Y W M F S V S O D F 5 I P 8 J B H E J O B O J J T O U H F S J  
 N F O U T V T J O H U S B E J U J P O B M U F D I O J R W F O T E B O F E O N F O J D M B Z N P S U B D F B E  
 to therapeutic care plans established by a traditional medicine or other health professional.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M F X E J F O H F M B F N N O B J O C E H U O B J U S J F G O U N T J M B  
 to determine their health status and the nature of physical or mental disorders or illnesses  
 P S P U I F S B J M N F O U T S F D P N N F O E J O H G P O S E J O M S N W B E J T O H B O B S F P U  
 B J M N F O U T V T J O H U S B E J U J P O B M Q U Z T J I D O B J N R V N F T O B O V E M N U E P I O B B  
 F Y F S D J T F T C M P P E M F U U J O H V T J O W T O B H V I S B M I T W O T M F O M U T B J O E F O  
 B O J N B M F Y U S B D U T B E N J O J T U F S J O C H E L B S Z V B S U A N F F E O W T T P V N F P R O T B L B I D  
 B O E I F S C B M N F E J D J O F B D D P S E J O H D E J P V S F F T S B Q V B M J M Z D E B F S W F M A B O  
 B U S B E J U J P O B M N F E J D J O F P S P U D I B S A F B O M E U I U Q S I B O G N F T O J L P O G P N S Q Q  
 injuries such as setting and healing fractured and dislocated bones using traditional methods  
 P G Q I Z T J D B M N B O J Q V M B U J P O B O V B I M \$ C B G N B N U I M \$ B T O J F O T E B I E F W D P J  
 O J U Z P O I F B M U I O V U S J U J P O U Z P H N F B O J O U B J J O G F P T S J Z I M Q S P O V E F P I U B F M  
 X F M M C F J O H S F G F S S J O H Q B U J F O U T U P U I B S O B F B Y M D U B O H B S O H Q S O W F  
 U P F O T V S F D P N Q S F I F O T J W F B O E D P O U J O V J O H D B S F

O D D V O B U J P O T J O U I J T N J O P S H S P H Q V B S F H D \$ P B / T O T J m F E J O U P U I F  
**3230 Traditional and Complementary Medicine Associate Professionals**

**Unit Group 3230**  
**Traditional and Complementary Medicine**  
**Associate Professionals**

medicaments, either acting independently or according to therapeutic care plans established by a traditional medicine or other health professional.

5 S B E J U J P O B M B O E D P N Q M F N F O U B S Q S N W F J O W O D B S T F R P \$ B B D E Q S  
 T P D J B U F Q S P G F T T J P O B M T Q S F W F O B J N J O B S H G P S U B F O C E U U S F B B J O U F  
 human physical and mental illnesses, disorders and their families to determine their health  
 and injuries using herbal and other therapies status and the nature of physical or mental  
 C B T F E P O U I F P S J F T C F M J F G T E J B T O P E S E F F Y S O T F S S F O M M T O P S T J H T P S P U I F S  
 O B U J O H J O T Q F D J G J D O V N S J U D V P S N A N T F O E S O H Z B O E E O S J P O W J J E U O F S  
 U S F B U N F O U T V T J O H U S B n E n t f o r J i l l n e s s e s a n d o t h e r D a i l y n e e t s R u s i n g T B O E

USBEJUJPOBM UFDIOJRVFTVSBQOBUNFEJDBNFOUT  
 TVDI BT QIZTJDBM NBOJQVMSBSUPJOSBDBUOPES FYFS  
 DJTFT CMPPE MFUJJOH VTJOTHUDBOBSBMB WFTTFMT BOE  
 preparations using herbs, plants, insects and 5SBEJUJPOBM NJEXJGF o  
 BOJNBMT FYUSBDUT "DVQSFTTVSF UIFSBOJTU o  
 (c) administering treatments such as acupunc- )ZESPUIFSBOJTU o  
 UVSF BOE BZVSWFEJD IPNFBOJBUIJDBMCFES IFS CBM  
 medicine according to therapeutic care plans  
 BOE QSPDFEVSFT VTVBMM Notes EFWFMPOFE CZBUSBF  
 JUJPOBM NFEJJDJOF PS PUIFS Occupations in traditional and complementary medicine  
 E QSPWJEJOH DBSF BOE USEFBNFQUGPS QIZTJDBM JOKV understanding of the benefits and applications of trad-  
 raries such as setting and healing fractured and JPOBM BOE DPNQMFNFUOBSZ UIFSBOJFT  
 dislocated bones using traditional methods SF TVMU PG FYUFOEFE GPSNBMTUVEZ PG U  
 QIZTJDBM NBOJQVMBUJPOvelBao human anatomy and elements of modern medi-  
 F BEWJTJOH JOEJWJEVBMFTBSBNYMTJTFBOE 6OJU (SPVQ  
 munity on health, nutrition, hygiene, life- QBUJJPOT XJBTFSBDUJDESERVJSFT B MFT  
 TUZMF BOE PUIFS JTTVFT TUBOEBJOH CBTFE PS POFMBUJWFMZ TIPS  
 IFBMUI BOE XFMM CFJOH informal education and training, or informally through  
 G SFGFSSJOH QBUJFOU the traditions and practices of the communities where  
 NBUJPO XJUI PUIFS IFBMUI BOE USEFBNFQUGPS BOE DMBTTJmFE JO 6OJU  
 FOTVSF DPNQSFIFOTJWF BOE DMBTTJmFE JO 6OJU BOE DMBTTJmFE JO 6OJU

Examples of the occupations classied here:

- "DVQVODUVSF UFDIOJDBO
- "ZVSWFEJD UFDIOJDBO

- Bonesetter
- Herbalist
- Homeopathy technician
- Scraping and cupping therapist
- Village healer
- Witch doctor

of approaches to herbal medicines, spiritual therapies or  
 BOVBM UIFSBOQFVUJD UFDIOJRVFT BSF FY  
 (SPVQ  
 Faith healers who treat human ailments through spir-  
 itual therapies, without using herbal therapies or other  
 medicaments or physical treatments, are included in  
 6OJU (SPVQ 3FMJHJPVT "TTPDJBUF 1S  
 ODDVQBUJJPOT UIBU QSPWJEF UIFSBOZ VT  
 forms of massage and the application of pressure, such as  
 acupressure and shiatsu therapists, are classied in Unit  
 (SPVQ 1IZTJPUFSBOZ 5FDIOJDBO  
 5SBEJUJPOBM BOE MBZ NJEXJWFT XIP QS  
 OBODZ BOE CJSUIJOH DBSF BOE BEWJDF CE  
 EYQFSJFODF BOE LOPXMFEHF BDRVJSFE  
 the traditions and practices of the communities where  
 UFDIOJDBO UFDIOJDBO UFDIOJDBO UFDIOJDBO  
 )PNFPQBUI o XJGFSZ "TTPDJBUF 1SPGFTTJPOBMT

Some related occupations classied elsewhere:

- "DVQVODUVSJTU o
- "ZVSWFEJD QSDUJJPOT
- \$IJOFTF IFSCBM NFEJJDJOF
- )PNFPQBUI o

Minor Group 324  
**Veterinary Technicians and Assistants**

7FUFSSJOBSZ UFDIOJDBOT BOE BTPTUUB OQTS FMBSSQJWVU BDEWDT  
 WFUFSSJOBSZ UBTLT NPSF MJNJUFEFJDBTSDPE BOE DPNVQMFYSSJQZBU  
 5IFZ DBSF GPS BOJNBMT VOEFS USFFBUNWOFW FBSO DBSOZ UGFNDQFVJBUSJ  
 BTTJTU WFUFSSJOBSJBOT UP QFSGPSN QSPDFEVSFT BOE PQF  
 5BTLT QFSGPSNFE VTVBMMZ JODM VJEFV BMEWBJOJQHFDUPSINBWNQJFUIB  
 BOJNBMT BOE UIFJS EJTFBTFT BOE JPOGKBSOJFNTBMDTPQEPVNBLOHEJF  
 OPTFT PS SFGFS NPSF EJ DVMU DBUFSTFBJPJQHFUJNSMOBSJBORVXSIFED  
 FTQFDJBMMZ GPS DPNNPO EJTFBTJmJEQOHEJFYBSNEJFOSBTUJDIQFUBOCQJF  
 JOTUSVNFOUT BOE QSFQBSJOH NBUFSSBBIUNVTOFLE -BG B OFJNBMBNTJ  
 SZJOH PVU UFDIOJDBM UBTLT DPOQFGD WFOEJXBWMTBSHJHBJDJBMB  
 SFBEZ GPS FYBNJOBUJPO PS USIFFNU NVSOJLO HBQBSFBENBOSBJOBT  
 TJTUJOH WFUFSSJOBSJBOT UP BENJOHTUS\$BBJONFOTWI FQUMBDJBOCHEBP  
 JO DBHFT GPS SFDPWFSZ GSPN PQJFBSOBUJJPOT BOE NPOJUPSJ  
 ODDVQBUJJPOT JO UIJT NJOPS HSPHVQBSUFHDSMPB/TQJmFE JOUPUIF

3240 Veterinary Technicians and Assistants



Unit Group 3240

G H F U U J O H B O J N B M T S F B E Z G P S

**Veterinary Technicians and Assistants**

treatment and restraining or holding them  
E V S J O H U S F B U N F O U

Veterinary technicians and assistants carry out all the B T T J T U J O H W F U F S J O B S J B O T U P  
W J T P S Z E J B H O P T U J D Q S F W F O U J F W J F D B O B O E V S B O H W O W F S J F S H U S F B  
O B S Z U B T L T N P S F M J N J U F E I J O Q M D P Q O H B O B E O D N P N M F J Y O U D B H F T  
than those carried out by, and with the guidance of P Q F S B U J P O T B O E N P O J U P S J O H U I F J  
W F U F S J O B S J B O T 5 I F Z D B (S F r o d u c i n g B a c t e r i a M C o l l e c t i n g S a m p l e s F B U  
N F O U B O E J O U F N Q P S B S Z a n d P e r f o r m i n g O t h e r L a b o r a t o r y T e s t s J O B S Z  
G B D J M J U J F T Q F S G P S N S P V U J O B T O T S I D F E O S E T B B O P B T T T J P Q W F J N B M I  
erinararians to perform procedures and operations). performing routine animal dental procedures

5 B T L T J O D M V E F o B O E B T T J T U J O H W F U F S J O B S J B O T X J  
B B E W J T J O H D P N N V O J U J F T B o y J O E J W J E V B M T P O U I F  
treatment of animals and their diseases and  
J O K V S J F T Examples of the occupations classed here:

- C D P O E V D U J O H F Y B N J O B U J P O T S U P J m B O B I M B M O T T E N P J O B U P S  
E J B H O P T F T P S S F G F S N P S F V e t e r i n a r i a n V e t e r i n a r y A s s i s t a n t T F T U P W F U  
F S J O B S J B O T X I F O O F F E F E V e t e r i n a r y n u r s e

- (c) treating ill or injured animals, especially for 7 F U F S J O B S Z W B D D J O B U P S  
D P N N P O E J T F B T F T B O E E J T P S E F S T

- E D M F B O J O H B O E T U F S J M o n e r e l a t e d f o r C o m p u t e r C l a s s P o e l s e v e r e F T  
and instruments and preparing materials used 7 F U F S J O B S J B O o  
J O U I F F Y B N J O B U J P O B O E U S O B W N B M O L B U P G F O O B O B M o T

- (e) carrying out technical tasks connected with 7 F U F S J O B S Z B J E F o  
B S U J m D J B M J O T F N J O B U J P O P G B O J N B M T

Minor Group 325

**Other Health Associate Professionals**

O U I F S I F B M U I B T T P D J B U F Q S P G F E T Q S P O W B I F T T Q F O S O P P S J N T B S V U O D  
E F O U J T U S Z N F E J D B M S F D P S E T B E N F J O P T S S F B W J P O D F G P N S V O D F E M F  
B D V J U Z Q I Z T J P U I F S B Q Z F O W J S P O U N S F O B U B N M O I B B M O L E I P B N F S S H B F O U D J Z V  
to support and promote human health.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V S F U I Q S C P S W J E F O H J R O T B O E D B S F E  
P G E J T F B T F T B O E E J T P S E F S T P G V O J I J J B F F B U C E B J O O E J W P J E V B M B  
I Z H J F O F E J F U B O E P U I F S Q S F W F O S J W L F T N U F B T I V S I M T U U P D S P F N E Q D M J O  
N B J O U B J O J O H Q B U J F O U T N F E J D B M S F S F F S U E N F O R J E B P O E V N L F R O U Q S P  
E B U B G P S S F T F B S D I C J M M J O H B D P J T U D P I O U G S B P N M M B J O F E I D B S E F W N F  
O F D F T T B S Z T L J M M T B O E S F T P V S I F S T W P E J I O H S B W W J U D I F J S O I E B I V E W I  
P O T B O J U B U J P O B O E I Z H J F O F U P B M E J T N J U m W U B O T H Q S F O B E E E P J G Q J F O O G T F  
U J D B M M F O T F T J O W F T U J H B U J O N M U B E J P N O C M S F A N M B W B O J H P U O P P F G O W V S M  
B O E P D D V Q B U J P O B M G B D U P S T U I B I U N N B Z T O B P H U J F O O H J J U B I M M T P C B U F W J T  
P G U I F C P E Z T I P X J O H Q B U J F O U T H U P I F F Y N B N G P S B E Y B O J O B R N P O B O  
U F O E J O H B O E S F T Q P O E J O H U P B D F T J E T F G P S B O E J D B M S H B F T O D J E  
O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V B S U F H D S P B T O T T J m F E J O U P U I F

- 3251 Dental Assistants and Therapists**
- 3252 Medical Records and Health Information Technicians**
- 3253 Community Health Workers**
- 3254 Dispensing Opticians**
- 3255 Physiotherapy Technicians and Assistants**
- 3256 Medical Assistants**
- 3257 Environmental and Occupational Health Inspectors and Associates**
- 3258 Ambulance Workers**
- 3259 Health Associate Professionals Not Elsewhere Classified**

Unit Group 3251

Dental Assistants and Therapists

% F O U B M B T T J T U B O U T B O E U I F S B Q J T U T Q S P W J E F C B T J D E F O U B M D B S F T F S W J D F T- G P F S E J U D B M Q S F W F S E U T J P B O E B O F E B M S H B J O G P S ment of diseases and disorders of the teeth and mouth, according to care plans and procedures established by a dentist or other oral health professional.  
5 B T L T J O D M V E F o B E W J T J O H D P N N V O J U J P E F O U B M I Z H J F O F I F B M U I C D P O E V D U J O H W J T V B M U V S F T U P B T T F T T P S B M I F B M U I P S P S B M E J T F B T E F O U J T U P S P U I F S I F B M U I J O B T T J T U J O H E F O U J T U T- D F E V S F T F Q S P W J E J O H S F N P W J O H E F Q P T J U T G S P N C B T J D P S S P V U J O F D M J O T U S V N F O U T F R V J Q N F O U U I F F Y B N J O B U J P O B O E U S F H H F U U J O H Q B U J F O U U S F B U N F O U J O D M V E J O H B O E D P S S F D U Q P T J U J P O J O  
(c) identifying cases of patients with poor oral health  
(f) preparing, cleaning and sterilizing dental instruments  
(g) preparing, cleaning and sterilizing dental instruments  
(h) taking impressions of the mouth and dental radiographs to support diagnosis and of dental prosthetics.

Examples of the occupations classified here:

- % F O U B M B T T J T U B O U
- % F O U B M I Z H J F O J T U
- % F O U B M U I F S B Q J T U

Some related occupations classified elsewhere:

- % F O U J T U o
- % F O U B M N F D I B O J D o
- % F O U B M Q S P T U I F U J T U o
- % F O U B M U F D I O J D J B O o
- % F O U B M B J E F o

Unit Group 3252

Medical Records and Health Information Technicians

BOE U I F S B Q J T U T Q S P W J E F C B T J D E F O U B M D B S F T F S W J D F T- G P F S E J U D B M Q S F W F S E U T J P B O E B O F E B M S H B J O G P S ment of diseases and disorders of the teeth and mouth, according to care plans and procedures established by a dentist or other oral health professional.  
BOE BENJOJTUSBUJWF SFDPSE LFFOJJC BFCBEM UDETFSWEJDFMTEPMJWFSZ E J F S U B T L O E J O P M M E S o Q S F W F O U J W F B Q M B O O J O H E F W F M P Q J O H N B J O B U J O H B W B S J F U Z P G I F B M U I S F D P U P S Z B H F B M O E Y S A N U S J E F U W P M T T Z T U F N T T J G Z T U P S F B O E B O B M Z T F J O G P S N (c) identifying cases of patients with poor oral health  
(f) preparing, cleaning and sterilizing dental instruments  
(g) preparing, cleaning and sterilizing dental instruments  
(h) taking impressions of the mouth and dental radiographs to support diagnosis and of dental prosthetics.

Examples of the occupations classified here:

- Clinical coder
- % J T F B T F S F H J T U S Z U F D I O J D J B O
- Health information clerk
- . F E J D B M S F D P S E T B O B M Z T U
- . F E J D B M S F D P S E T D M F S L
- . F E J D B M S F D P S E T U F D I O J D J B O
- . F E J D B M S F D P S E T V O J U T V Q F S W J

Some related occupations classified elsewhere:

- . F E J D B M T F D S F U B S Z o
- % B U B F O U S Z D M F S L o
- ' J M J O H D M F S L o

Note

Occupations included in this unit group normally re- RVJSF LOPXMFEHF PG NFEJDBM UFSNJOPMPH health information, health data standards and computer- or paper-based data management as obtained through GPSNB M FEVDBUJPO BOE PS PO UIF KPC

Unit Group 3253

**Community Health Workers**

\$ P N N V O J U Z I F B M U I X P S L F S T U I F I F B M U I B O E T P D J B M T F S W J D F T B V U  
C B T J D Q S F W F O U J W F I F B M U I D B S F B O E I P N F W J T J U J O H  
T F S W J D F T U P T Q F D J m D D P N N V O J U J F T 5 I F Z Q S P W J E F  
T V Q Q P S U B O E B T T J T U B O D F U P J O E J W J E V B M T B O E G B N  
J M J F T J O O B W J H B U J O H U I F I F B M U I B O E T P D J B M T F S W J D F T

Note

ODDVQBUJPOT JODMVEFE JO UIJT VOJU HSPV  
GPSNBM PS JOGPSNBM USBJOJOH BOE TVQF  
CZ UIF I F B M U I B O E T P D J B M T F S W J D F T B V U  
of routine personal care and traditional medicine prac-  
titioners are not included here.

system.

5 B T L T J O D M V E F o

**Dispensing Opticians**

B Q S P W J E J O H J O G P S N B U J P O U P G B N J M J F T B O E D P N  
munities on a range of health issues including  
nutrition, hygiene, infant and child care,  
immunizations, family planning, risk fac-  
UP S T B O E Q S F W F O U J P O P G P S N B U J P O U P G B N J M J F T B O E D P N  
E J T F B T F T Q P J T P O J O H Q S F W F O U J P O P G P S N B U J P O U P G B N J M J F T B O E D P N  
treatment of simple and common ailments,  
T V C T U B O D F B C V T F E P N F T U J D W J T J U J O H G B N J M J F T B O E D P N

optical lenses based on a prescription from an  
ophthalmologist or optometrist for the correc-  
urements of clients for fitting of eyeglasses  
BOE PUIFS POUJDBM EFWJDFT

C W J T J U J O H G B N J M J F T - J O  
formation on the health, social and other ser-  
W J D F T B W B J M B C M F B O E T V Q Q P S U J E F J O H J B E W J D F T U P D M J F O U T  
B D D F T T U P U I F T F T F S W J D F T

for performance, safety, comfort and life-  
T U Z M F

D W J T J U J O H G B N J M J F T  
medical establishments to monitor on a reg-  
ular basis certain conditions such as progress  
X J U I Q S F H O B O D Z D I J M E

interpreting optical prescriptions and pre-  
paring work orders for optical laborato-  
ries for grinding and mounting of lenses in  
frames, preparation of contact lenses and

(d) distributing to households medical supplies  
G P S U I F Q S F W F O U J P O B O E  
diseases such as malaria, pneumonia and  
diarrhoeal diseases, and instructing family  
and community members in the use of these  
Q S P E V D U T

and t of clients.  
E W F S J G Z J O H F Y B D U O F T T P G m O J T I  
B O D F T B O E E F W J D F T U P U I F P S J H J O

F D P O E V D U J O H P V U S F B D I F P S U T U P H S P V O T X I P  
do not usually access medical establishments  
with information and basic medical supplies  
G P S Q S F W F O U J P O B O E N B O B H F N F O U H P G D F S U B J O

Examples of the occupations classi ed here:  
Contact lens optician  
% J T Q F O T J O H P O U J D J B O

health conditions for which they are most at  
S J T L T V D I B T ) \* 7 " ± % 4

Some related occupations classi ed elsewhere:  
O Q I U I B M N P M P H J T U o

(f) collecting data from households and com-  
munities who do not usually access medical  
establishments for purposes of patient moni-  
toring and referral and reporting to meet  
health regulations.

O Q I U I B M N J D P O U J D J B O o  
O Q U P N F U S J T U o  
O S U I P Q U J T U o

Examples of the occupations classi ed here:

Unit Group 3255

- Community health aide
- Community health promoter
- Community health worker
- Village health worker

**Physiotherapy Technicians and Assistants**

Physiotherapy technicians and assistants pro-  
W J E F Q I Z T J D B M U I F S B Q F V U J D U S F B U  
J O D J S D V N T U B O D F T X I F S F G V O D U J P

Some related occupations classi ed elsewhere:

is threatened by injury, disease or impairment.

- 5 S B E J U J P O B M N J E X J G F o
- 7 J M M B H F I F B M F S o
- ) P N F D B S F B J E F o

5 I F S B Q J F T B S F V T V B M M Z - Q S P W J E F E  
I B C J M J U B U J W F Q M B O T - F T U B C M J T I  
pist or other health professional.

- 5 B T L T J O D M V E F o (d) preparing and handling medical instruments
- (a) administering manual treatments such as and supplies, including sterilizing instru- N B T T B H F U I F S B Q Z P S Q S F m e n v s a n d d i s p o s i n g o f u n i t a n d i z e d s u p -
- (b) administering electrical modality treatments, Q M J F T J O B D D P S E B O D F X J U I T B G F U U  
ultrasound and other physical therapies used (c) collecting blood, tissue or other specimens, T Q F D J B M J [ F E U F D I O J R V F T B O O E F O R S V F J O B S F J O U H U I F N G P S M B C P S B U  
D J O T U S V D U J O H N P U J - W B G J O H S F V G E J H V B S J E O G H S B O U E J B O U P Q E  
T J T U J O H Q B U J F O U T B T - U I F z i e s o n h e a l t h c a r e t o p i c s t h a t i n c l u d e m e d i c a -  
F S D J T F T S F M B Y B U J P O U F D t i o n s p r e s c r i b e d b y a m e d i c a l d o c t o r o r o t h e r  
B D U J W J U J F T I F B M U I Q S P G F T T J P O B M
- (d) conferring with physiotherapists or other H Q S P W J E J O H Q S F T D S J - Q U J P O B O E  
I F B M U I D B S F Q S P W J E F S T U N F W J P M V U B U F Q O B S U N F D J F T O  
formation for planning, modifying and coord(h) maintaining cleanliness of patient waiting  
E J O B U J O H U S F B U N F O U B O E F Y B N J O B U J P O S P P N T
- (e) monitoring and recording patients progress (e) recording information on patients medical  
during treatment, including measuring their history, diagnostic testing and treatment pro-  
S B O H F P G K P J O U N P U J P O B C e l e r e s a n d r e s u l t s , a n d o t h e r i n f o r m a t i o n i n  
f) tting patients for orthopaedic braces, pros- N F E J D B M S F D P S E L F F Q J O H T Z T U F N  
U I F T F T B O E P U I F S Q I Z T (j) S c h e d u l i n g a p p o i n t m e n t s w i t h p a t i e n t s ,  
such as crutches, and instructing patients in B O E Q S F Q B S J O H E P D V N F O U B U J F  
U I F V T F P G T V D I E F W J D F T b i l l i n g , r e p o r t i n g a n d i n s u r a n c e p u r p o s e s .

Examples of the occupations classied here: Examples of the occupations classied here:

- " D V Q S F T T V S F U I F S B Q J T U Clinical assistant
- Electrotherapist . F E J D B M B T T J T U B O U
- Hydrotherapist Ophthalmic assistant
- . B T T B H F U I F S B Q J T U
- Physical rehabilitation technician Some related occupations classied elsewhere:
- Physiotherapy technician \$ M J O J D B M P D F S Q B S B N F E J D B M
- Shiatsu therapist . F E J D B M Q S P T U I F U J D U F D I O J D J B O

Some related occupations classied elsewhere:

- 1 I Z T J P U I F S B Q J T U o 1 I Z T J P U I F S B Q Z B T T J T U B O U o
- \$ I J S P Q S B D U P S o . F E J D B M T F D S F U B S Z o
- O D D V Q B U J P O B M U I F S B Q J T U o . F E J D B M J N B H J O H B T T J T U B O U o
- 1 P E J B U S J T U o

Note

Occupations included in this unit group normally re-  
R V J S F G P S N B M U S B J O J O H J O - I F B M U I T F S W J  
J D B M D B S F Q S P W J E F S T X J U I B E W B O D F E  
Q S P W J E F J O E F Q F O E F O U N F E J D B M E J B H O P T  
T F S W J D F T B S F D M B T T J m F E J O 6 O J U ( S P V Q  
Practitioners.

Unit Group 3256

Medical Assistants

. F E J D B M B T T J T U B O U T Q F S G P S N C B T J D D M J O J D B M B O E B E  
N J O J T U S B U J W F U B T L T U P T V Q Q P S U Q B U J F O U D B S F V O E F S  
U I F E J S F D U T V Q F S W J T J P O P G B N F E J D B M Q S B D U J U J P O F S  
or other health professional. Unit Group 3257

- 5 B T L T J O D M V E F o **Environmental and Occupational Health**
- B J O U F S W J F X J O H Q B U I n s p e c t o r s a n d A s s o c i a t e s U I F J S G B N J M J F T U P  
obtain information on their health status and  
N F E J D B M I J T U P S Z & O W J S P O N F O U B M B O E P D D V Q B U J P  
N F E J D B M I J T U P S Z
- (b) assisting medical doctors and other health Q F D U P S T B O E B T T P D J B - U F T J O W F T U  
Q S P G F T T J P O B M T U P F Y h e a l t h o n o r i e s a n d r e g u l a t i o n s r e l a t i n g t o  
J O D M V E J O H N F B T V S J O H F B W E S B O N P S E J B O M H G W D W B S I T U I B U N E  
signs, administering medications and patient health, safety in the workplace, and safety  
forming routine clinical procedures such as processes for the production of goods and  
H J W J O H J O K F D U J P O T B O E T S I F N P W J J D H T T V U S V S I Z N B Z J N Q M F N  
D H F U U J O H Q B U J F O U T S F B H E S Z B N P F S T F U Y P B S I T O B R U S J F P S B O N E Q S P  
U S F B U N F O U J O D M V E J O H T B Y O Q M B S Q Z J O H P Q E S P L D J F P E V S F V O E F S U I I  
B O E T I P X J O H U I F N U P F Y h e a l t h o f f i c e s . S P P N T

5 B T L T J O D M V E F o Unit Group 3258  
 B B E W J T J O H F N Q M P Z F S Ambulance Workers P S L F S T S F Q S F  
 T F O U B U J W F T P O U I F J N Q M F N F O U B U J P O P G H P W  
 ernmental and other rules and regulations N C V M B O D F X P S L F S T Q S P W J E F F N F S  
 concerning occupational safety and care to patients who are injured, sick, in rm or  
 X P S L J O H F O W J S P O N F O U otherwise physically or mentally impaired prior  
 (b) inspecting places of work to ensure that they are safe and during transport to medical facilities.  
 X P S L J O H F O W J S P O N F O U N E S I T I L O T F S Z D B N O V E F R O J Q  
 N F O U D P O G P S N U P H R a W a s s e s s i n g t h e h e a l t h s t a t u s o f p e r s o n s i n -  
 rules, regulations and standards related to W P M W F E J O B D D J E F O U T O B U  
 T B O J U B U J P O B O E P S P D D V O o t h e r e m e r g e n c y s i t u a t i o n s a n d s e r v i c e s i n c l u d i n g  
 N F O U B M I F B M U I B O E T B G F u n d e r s f o r i m m e d i a t e a n d s p e c i a l i z e d m e d i c a l  
 D H J W J O H B E W J D F P O F O M T J T S J T O B O O B B M T B O J U B S Z  
 Q S P C M F N T B O E U F D I O J R (b) P e r f o r m i n g m e d i c a l p r o c e d u r e s a n d a d m i n -  
 E J O T Q F D U J O H Q M B D F T P G i s t e r i n g d r u g s a n d o t h e r j u r e d i c a m e n t s a d d r e s s i n g  
 P C T F S W B U J P O T B O E P u l p o s o c o n f o r e m e r g e n c y m e d i c a l b r e a t h e r i n g H  
 information about work practices and ac- including resuscitating and de brillating pa-  
 c i d e n t s t o d e t e r m i n e c o m p l i a n c e w i t h s a f e t y U J F O U T B O E P Q F S B U J O H M J G F T V  
 S V M F T B O E S F H V M B U J P O T (c) m o n i t o r i n g c h a n g e s i n t h e h e a l t h s t a t u s o f p a -  
 (e) inspecting areas of production, processing, t i e n t s d u r i n g t r a n s p o r t t o a n d f r o m m e d i c a l ,  
 transport, handling, storage and sale of prod- S F I B C J M J U B U J P O B O E P U I F S I F B M U  
 V D U T U P F O T V S F D P O G P S N E U Z O X S J R W J E R W H S D O N G F S U N B M J P O B O E U  
 B O E P U I F S S V M F T S F H V M B U O P I O Z H S O P V Q T U B O E B S E F O U J B M T F S  
 G B E W J T J O H F O U F S Q S J T F T r e s t e u u b b e h e o s s b o m u o j b o m d b s p f o p g i  
 U I F J N Q M F N F O U B U J P O P G H P W F S O U N F F O U E B M H B O E P U P S S Q B U S P M M J O H  
 rules and regulations concerning hygiene, san- H B U I F S J O H T B O E P U I F S F W F O  
 itation, purity and grading of primary prod- F N F S H F O D J F T B S F N P S F M J L F M Z U F  
 V D U T G P P E E S V H T D P T N F (f) J u r e c o r d i n g i n f o r m a t i o n o n p a t i e n t s c o n d i -  
 (g) inspecting establishments to ensure that they J P O T B O E U S F B U N F O U T Q S P W J E F  
 D P O G P S N U P H P W F S O N F O U r e c o r d - k e e p i n g s y s t e m s S V M F T  
 and regulations concerning emission of pol-  
 M V U B O U T B O E E J T Q P T B M E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i f i e d h e r e :  
 I J O J U J B U J O H B D U J P O " N C V M B O J D F U P B D S P S J N Q S P W F  
 I Z H J F O F B O E Q S F W F O U Q P M M V C V M O P D G F X O B B U S F B S N F B J B  
 G P P E P S T P J M E m e r g e n c y m e d i c a l t e c h n i c i a n  
 J Q S P N P U J O H Q S F W F O U J W F e m e r g e n c y d e p a r t m e n t U J W F N F B T  
 ures such as control of disease-carrying or-  
 ganisms and of harmful substances in s o m e r e l a t e d o c c u p a t i o n s c l a s s i f i e d e l s e w h e r e :  
 air, hygienic food handling, proper disposal 1 B S B N F E J D B M Q S B D U J U J P O F S o  
 P G X B T U F B O E D M F B O J O H P " O C C W C B M J D D F O E M J B W F S T o  
 K F T U J N B U J O H R V B O U J U J F T B O E D P T U T P G N B U F S J B M T  
 B O E M B C P V S S F R V J S F E n o t s i f B M U I T B G F U Z B O E  
 sanitation remediation projects. O c c u p a t i o n s i n c l u d e d i n t h i s u n i t g r o u p n o r m a l l y r e -  
 R V J S F G P S N B M U S B J O J O H J O F N F S H F O D Z N  
 patient transport, ambulance principles and practice, or  
 B S F M B U F E m F M E " N C V M B O D F E S J W F S T X  
 I F B M U I D B S F B S F D M B T T J m F E J O 6 O J U ( S P  
 B O E 7 B O % S J W F S T

- Examples of the occupations classied here:
- Food sanitation and safety inspector
- Health inspector
- Occupational health and safety inspector
- Pollution inspector
- Product safety inspector
- Sanitarian
- Sanitary inspector

Unit Group 3259  
**Health Associate Professionals**  
**Not Elsewhere Classified**

Some related occupations classied elsewhere:  
 & O W J S P O N F O U B M I F B M U I J F D S U o H S P V Q D P W F S T I F B M U I B T  
 O D D V Q B U J P O B M I F B M U I B o n a t s b r o f d i s s e r v e d e l s e w h e r e i n s u b - m a j o r  
 O D D V Q B U J P O B M I Z H J F O ( S P V O ) F B M U I " T T P D J B U F 1 S P G F  
 3 B E J B U J P O Q S P U F D U J P O i n s t a d e , t h e g r o u p i n c l u d e s o c c u p a t i o n s s u c h a s

HIV counsellor, family planning counsellor and (f) monitoring patients progress through treatment plans, and identifying signs and symptoms.

\* O T V D I D B T F T U B T L T X P V M I P N J T O S M R V E J F S J o H S F G F S S B M U P B  
B J O U F S W J F X J O H B O E F Y P S N P O U F O S H I F O B M U J I F Q U S P G U P T J P O B M  
obtain information on their health status (s) recording information on patients health  
B O E U I F O B U V S F B O E F Y s t a t u s a n d r e s p o n s e t o v e a z m e n t i m m u n o a f T T  
P S P U I F S Q I Z T J D B M P S N F O S U F D N P S I E B L M E O J D H O E Z U J F O T  
C Q S P W J E J O H J O G P S N B U J J ( P ) o s h a n g i n f o r m a t i o n f w i t h m o t h e r h e a l t h c a r e  
patients and families about certain health con- Q S P W J E F S T X I F O S F R V J S F E U P F O T V  
E J U J P O T Q S F W F O U J P O B O B O U E S D P W N O S O U F O P T O W J F P O T B S F  
U S F B U N F O U B E I F S F O D F B O E Q F S T P O B M C F I B W  
J P V S T U I B U D B O B F D U E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e :

- (c) administering therapeutic care and treatment - " O B F T U I F T J B U F D I O J D J B O  
N F O U U P Q B U J F O U T Family planning counsellor
- (d) performing certain basic clinical procedures HIV counsellor  
such as administration of HIV antibody tests Respiratory therapy technician

P S J O T F S U J P O P G J O U S B V U F S J O F E F W J D F T  
F E J T Q F O T J O H B O E B E W J T J O H P O E J F U B S Z T V Q Q M F  
N F O U T B O U J S F U S P W J S - B M B O E Q S R Q I Z M B Y J T N F E J J  
D B U J P O T B O E P U I F S I F B M J S F O B S S B M Q S P E V D O H T J O I F B M U I T F S W J

Note  
Occupations included in this unit group normally re-

Sub-ma-or Group 33

**Business and Administration Associate Professionals**

Business and administration associate professionals perform mostly technical tasks connected with the practical application of knowledge relating to nancial accounting and transaction

N B U U F S T N B U I F N B U J D B M D B M D V M B T F J P N O J O H I V B N O E O C S V Z J O M S r d O B E O  
 J O T U S V N F O U T T Q F D J B M J [ F E T O M S Z B O B S H B W F S J O B N F L O U S V O N F F C  
 J O D M V E F E B S F X P S L F S T X I P Q S P W P N F T O M T B B S B O D T F F S W P D I G F S T F W  
 Q M B O O J O H K P C Q M B D F N F O U T C L V Z D J O N H N P O E H U T J F M M B O H E S T F F S M W J F O  
 agents for performers such as athletes and artists. Competent performance in most occupa-  
 U J P O T J O U I J T T V C N B K P S H S P V Q T S L F J R W M S F M F T M L F J M M T B U U I F U I  
 5 B T L T Q F S G P S N F E C Z X P S L F S T J O V U E F J T S T F V D P S N E B J O F H S B H O S E P V U S B V O T T V  
 ting buy and sell orders for securities, stocks, bonds or other nancial instruments and for  
 G P S F J H O F Y D I B O H F G P S G V U V S F S P F S E J U N N B O E E J B M P F B O F B M Q O M F S D Z B U T  
 N B O B H F N F O U X J U I S F D P N N F O E B U J P O T W G O P S B S O S F K W B M J O P S B O Q R V  
 U J P O T X J U I J O B V U I P S J [ F E M J N J U G E U O F V J S O J O U H U M B U P O S E F S B U S F T O  
 maintaining complete records of all nancial transactions of an undertaking according to  
 H F O F S B M C P P L L F F Q J O H Q S J O D J Q M F T B T X J U U J H O H J E B O D O E M G E S O P N J O  
 Q F S G P S N J O H N B U I F N B U J D B M T U B U S J F T M B U F E N D E B D M U V B S I J B B M J P O B D  
 and buying nancial instruments.

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V O N J B O S P F S D H M S P T V T Q J T m F E J O U

- 331 Financial and Mathematical Associate Professionals**
- 332 Sales and Purchasing Agents and Brokers**
- 333 Business Services Agents**
- 334 Administrative and Specialized Secretaries**
- 335 Government Regulatory Associate Professionals**

Minor Group 331

**Financial and Mathematical Associate Professionals**

' J O B O D J B M B O E N B U I F N B U J D B M B T P T O D W B S J F P V O T S - P I G F N T J B O B M O T S  
 F S U Z N B J O U B J O S F D P S E T P G r Q O B O D B B M P O U S O O P T S N D B U J J P O T  
 S F O E F S B E F D J T J P O C V Z B O E T S F N M M B U n i O B B D J D B M M J B O C E U S S V I M F E  
 calculations.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V B F O E S T F D M M E P O S H F S O E G O S B T O T D M J S  
 T U P D L T C P O E T P S P U I F S m O B O D J I B N H J F O G O S V O N V O V S T F B P O S E J O N P N S F E G J  
 E F M J W F S Z T V C N J U U J O H D S F E J U B O X E U M P S B F O D F B N Q N F M O E D B B U J P P R O T T G U P  
 B Q Q S P W B M P S S F K F D U J P O B Q Q S P W J U Q P S J P [ S F E S F K J F N D J W J T O F I O B V  
 U I B U D S F E J U T U B O E B S E T P G U O F O H O D T R I N Q M U P O S F B D S P F S E S T F P O  
 nancial transactions of an undertaking according to general bookkeeping principles, with  
 H V J E B O D F G S P N B D D P V O U B O U T B N T B T U I T F U N J B O J H D B O M Q M U B B O J O J O J  
 actuarial, accounting and related calculations.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V O V O B S U F H D S P B V T O T T J m F E J O U P U I F

- 3311 Securities and Finance Dealers and Brokers**
- 3312 Credit and Loans Officers**
- 3313 Accounting Associate Professionals**
- 3314 Statistical, Mathematical and Related Associate Professionals**
- 3315 Valuers and Loss Assessors**

Unit Group 3311

Securities and Finance Dealers and Brokers

Securities and finance dealers and brokers buy and sell securities, stocks, bonds and other accounts and forward these for change, on spot or on futures markets, on behalf of their own company or for customers on a clients or senior management.

E B Q Q S P W J O H P S S F K F D U J O H M P within authorized limits ensuring that credit T U B O E B S E T P G U I F J O T U J U V U J P O

(a) keeping records of payments, preparing and loan documentation. Examples of the occupations classified here:

(a) obtaining information about the financial circumstances of customers and companies

Loans officer  
Examples of the occupations classified here:  
PSUHBHF P DFS

(b) analysing market trends for securities, stocks and other financial instruments, in-

Some related occupations classified elsewhere:  
JOBODJBM JOTUJUVUJPO CSBODI N DMVEJOH GPSFJHO FYDIBOHF

(c) preparing financial statements and reports of the client for the credit or loan, or recommend

Examples of the occupations classified here:  
D JOGPSNJOH QSPTQFDUJWF DVTUPNFST BCPVU NBSLFU DPOEJUJ POT BOE

(e) recording and transmitting buy and sell orders for securities, stocks, bonds or other

Accounting Associate Professionals  
Examples of the occupations classified here:  
D D P V O U J O H B T T P D J B U F Q S P G

(a) maintaining complete records of all financial transactions of an undertaking according to general bookkeeping principles, with guidelines and practices in order to identify and

Examples of the occupations classified here:  
WIOEFSUBLJOH BOE WFSJGZ BDDVSBDZ PG EPDVNF

(c) preparing financial statements and reports of the client for the credit or loan, or recommend

Examples of the occupations classified here:  
OBODJBM JOTUSVNFOUT BOE GPS GVUVSF PS JNNFEJBU

(d) applying knowledge of bookkeeping principles and practices in order to identify and

Examples of the occupations classified here:  
PSFJHO FYDIBOHF CSPLFS BODF GSPN BDDPVOUBOUT WFSJGZJOH BDDVSBDZ PG EPDVNF

(e) using standard computer software packages to perform accounting and related calculations

Examples of the occupations classified here:  
OBODJBM USBOTBDUJ POT GPS TQFDJmFE QFSJPET

(c) submitting credit and loan applications to management with recommendations for approval

Examples of the occupations classified here:  
\$ P N N P E J U J F T C S P L F S \$ P N N P E J U Z G V U V S F T E F B M F S

Unit Group 3312

Credit and Loans Officers

Examples of the occupations classified here:  
UP NBOBHFNFOU BQQSPWBM PS EJT BQQSPWBM

G T V Q F S W J T J O H U I F X P S L P G B D D P keeping clerks.

(c) submitting credit and loan applications to management with recommendations for approval

Examples of the occupations classified here:  
B JOUFSWJFXJOH BQQMJDBO'WTD FGPSU B O S I T B O B M N P S U H B H F T U V E F O U B O E C V T J O F T ' D U W B S O B M B T T J T U B O U o C S F T F B S D I J O H B O E F W B M V B P O H F M P B O H B O M M S J L D B O U T

(c) submitting credit and loan applications to management with recommendations for approval

Examples of the occupations classified here:  
UP SFQBZ UIF MPBO

(c) submitting credit and loan applications to management with recommendations for approval

Examples of the occupations classified here:  
QSPWBM PS SFKFDUJPO



Unit Group 3314

**Statistical, Mathematical and Related Associate Professionals**

Statistical, mathematical and related associate professionals assist in planning the collection, processing and presentation of statistical, mathematical or actuarial data and in carrying out these operations, usually working under the guidance of statisticians, mathematicians and actuaries.

Some related occupations classified elsewhere:

- " D U V B S Z o
- . B U I F N B U J D J B O o
- 4 U B U J T U J D J B O o
- " D D P V O U J O H B T T J T U B O U o
- 4 U B U J T U J D B M D M F S L o

5 B T L T J O D M V E F o

**Unit Group 3315**  
**Valuers and Loss Assessors**

(a) assisting in planning and performing statistical, mathematical, actuarial and related

- D B M D V M B U J P O T
- C Q S F Q B S J O H E F U B J M F
- B O E D P T U T P G N B U F S J B
- G P S T U B U J T U J D B M D F O T V T B B O E F T U V S S M F Z O P Q H S B U J P O V B M J U Z P S

(c) performing technical tasks connected with establishing, maintaining and using registers

- B O E T B N Q M J O H G S B N F T G P S I F D N F T O B O U E I F T S V P W K Z D U T
- P Q F S B U J P O T
- C B T T F T T J O H U I F F Y U F O U P G E B N E

(d) performing technical tasks connected with liabilities of insurance companies and under-

- E B U B D P M M F D U J P O B O E R X S J M J F I S Z G P S U M S P T M F P Q F S W F S F E C Z
- B U J P O T J O D F O T V T F T B O E J D V S W F Z T

(e) using standard computer software packages to perform mathematical, actuarial, statis-

- U J D B M B D D P V O U J O H B O E S F M B U O E D U B J O B V M U F W J P O S Q S P Q F S U Z

(f) preparing statistical, mathematical, actuarial, accounting and other results for pres-

- F O U B U J P O J O H S B Q I J D B M

(g) applying knowledge of statistical, mathematical, actuarial, accounting and related

- T P M W F Q S P C M F N T B S J T J O H
- X P S L
- I T V Q F S W J T J O H U I F X P S L P G

Examples of the occupations classified here:

- " D U V B S J B M B T T J T U B O U
- . B U I F N B U J D B M B T T J T U B O U
- Statistical assistant

Examples of the occupations classified here:

- " Q Q S B J T F S
- C l a i m s a s s e s s o r
- C l a i m s i n s p e c t o r
- I n s t a b l e a s s e s s o r
- R e a l e s t a t e a p p r a i s e r
- V a l u e r

Some related occupations classified elsewhere:

- " V D U J P O F F S o

**Minor Group 332**

**Sales and Purchasing Agents and Brokers**

4 B M F T B O E Q V S D I B T J O H B H F O U T B O V E F S C O S N P L O S T - B O E S P U F I O S U P D S P  
H B O J [ B U J P O T U P C V Z B O E T F M M Q J D P H N B O E J U P J F I F S H F S E V T J D I  
industrial, professional, commercial or other establishments, or act as independent agents to  
C S J O H U P H F U I F S C V Z F S T B O E T F M M F S T P G D P N N P E J U J F T B O E T  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E M P Z F C S U T B J O O E H D P O Q F S J N B B S  
H P P E T B O E T F S W J D F T N P O J U P S J O H D B O E J U B O P B O M Z T P C H B N I O S I O F H U  
G P S N B U J P O B C P V U D M J F O U T O F T F B T O E B O E S J A E J F O F U T J G Z Y O M B T O J J O  
E F N P O T U S B U J O H Q S P E V D U T B O E D F S T W J D P F O T U S B D D J M J F L O R U S T N T O F D H P P O U  
B O E T I J Q Q J O H B S S B O H F N F O U T G P S F T Q V P S S D I B P T N F N P S E J U B I M F P G H P P

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

**3321 Insurance Representatives**

**3322 Commercial Sales Representatives**

**3323 Buyers**

**3324 Trade Brokers**

Note

4 B M F T N B O B H F S T B S F D M B T T J m F E Q I D B J O E P % F ( W F W C P Q N F O U B N B O T B H F B S S L F B J D I  
O J D B M N F E J D B M B O E \* \$ 5 T B M F S Q S S P V G C T T J P O 4 B M T F B S F B D S M B U J J O H F  
1 V C M J D 3 F M B U J P O T 1 S P G F T T J P O B M T D M B F T V S F U E J J O B J O E P S m Q S P O V D C F E F B M J O S B  
D J B M B O E . B U I F N B U J D B M " T T P D J B U F 1 S P G F T T J P O B M T

Unit Group 3321

**Insurance Representatives**

5 B T L T J O D M V E F o

\* O T V S B O D F S F Q S F T F O U B U J W C T T B E M V T J F O I P O F B O E Q I N F F M M M T U V C Q M  
accident, automobile, liability, endowment, re, W J D F T U P C V T J O F T T F T U B C M J T I N F  
marine and other types of insurance to new and V B M T  
established clients.

(a) obtaining information about customers cir- UP S T H P P E T B O E T F S W J D F T  
cumstances necessary to determine appr- Q S P W J E J O H Q S P T Q F D - U J W F D V T U P  
Q S J B U F U Z Q F P G J O T V S B O n a f i o n B a s e d o n t h e C h a r a c t e r i s t i c s a n d f u n c -

(b) negotiating with customers to determine type J J P O T P G U I F Q S P E V D U T B O E F R V J  
and degree of risk for which insurance is re- B O E E F N P O T U S B U J O H J U T V T F P S R  
R V J S F E F R V P U J O H Q S J D F T B O E D S F E J U U  
D F Y Q M B J O J O H E F U B J M T P S E I O S V S B O D F B S S O E O B P O H J E F M J W F S  
U J P O T S J T L D P W F S B H F Q S I G N J V S I F O P S E U C F O F D V T U P P N F S T S F B D  
D V T U P N F S T N F O U T U P T V Q Q M J F S T B O E N B O V G B

(d) assisting clients to determine the type (a) and following up clients to ensure satisfaction  
M F W F M P G D P W F S B H F - S F R W i t h P r o d u c t s P u r c h a s e M B U J O H Q S F  
N J V N T B O E F T U B C M J T I J O H N F U I P E P G Q B Z N F O U  
F O F H P U J B U J O H B O E Q M B D E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i f i e d h e r e : U T  
G B E W J T J O H P O O F H P U J B U J O H " G E S S T T B P S F B O E F O S M B D J J O H B E W J T F S  
insurance contracts for large or special types \$ B O W B T T F S  
of projects, installations or risks. \$ P N N F S D J B M U S B W F M M F S

Examples of the occupations classi ed here: Some related occupations classi ed elsewhere:

- Insurance agent 4 B M F T N B O B H F S o
- Insurance broker . F E J D B M T B M F T S F Q S F T F O U B U J W F
- Insurance underwriter 5 F D I O J D B M T B M F T S F Q S F T F O U B U J V

Information and communications

- Some related occupations classi ed elsewhere: U F D I O P M P H Z T B M F T Q S P G F T T J P O B
- \* O T V S B O D F B H F O D Z N B O B H 4 S P Q T B M F T B T T J T U B O U o
  - 4 F D V S J U J F T C S P L F S o % P P S U P E P P S T B M F T S F Q S F T F O U B
  - \* O T V S B O D F B T T F T T P S o
  - \* O T V S B O D F D M F S L o

Unit Group 3323

**Buyers**

Unit Group 3322

**Commercial Sales Representatives**

# V Z F S T C V Z H P P E T B O E T F S W J D F T G P

P O C F I B M G P G J O E V T U S J B M D P N N F S  
\$ P N N F S D J B M T B M F T S F O s o f t h e E s t a b l i s h m e n t s a n d o r g a n i z a t i o n s . F O U  
D P N Q B O J F T U P T F M M W B S J P V B T H P P E C D M O E F T S W J D F T U P  
C V T J O F T T F T B O E P U I F S P ( s ) H e t e r m i n i n g U r R e g o t i a t i n g C o n t r a c t W m S E F  
Q S P E V D U T Q F D J m D J O G P S N B a n d P o n d i t i o n s S a v i n g S u p p l i e r c o n t r a c t s

or recommending contract awards for that Group 3324  
 QVSDIBTF PG FRVJQNFOU Trade Brokers BUFSJBMT QSPE  
 VDUT TFSWJDFT BOE NFSDIBOEJTF GPS SFTBMF  
 C PCUBJOJOH JOGPSNBUSP DEB COPS/PUL FSSFR VCJVSZF NBOCEU TFM M D P M  
 BOE TUPDL BOE EFWFMP OTJIO Q OTJOCFD JmFDSBW J D T G N S V B M M Z J C  
 RVBOUJUZ BOE RVBMJU The Own Company Sr Director of Customers Dr P at com-  
 EFMJWFSZ EBUFT BOE P Unisson Dasio. USB DU DPOEJUJ POT  
 D QVSDIBTJOH HFOFSBM B O E L T Q F O D D J B W E J F F o E F R V J Q  
 NFOU NBUFSJBMT PS CV (a) Establishing Schedule Between Buyers and  
 GPS GVSUIFS QSPDFTTJOH CZFMMJFSS TF TRUCB CMP NTN REOWJFT  
 E JOWJUJOH UFOEFST CDPEOTVMTUJOH CXVZUOHT P S Q T M M S O  
 BOE SFWJFXJOH RVPUBUJPO DMJFOUT BOE HJWJOH BEWJDF BDD  
 (e) purchasing merchandise for resale by retail CVZJOH BOE TFM MJOH DBSHP  
 PS XIPMFTBMF FTUBCMJT (d) negotiating purchase or sale of commodities  
 (f) studying market reports, trade periodicals BOE DPNNPEJUJZ GVUVSFT  
 BOE TBMFT QSPNPUJPO NBUFSJBMT TO B O E B W H P J B J O E H P S T U P S B  
 trade shows, showrooms, factories and modities and negotiating freight, shipping  
 QSPEVDU EFTJHO FWFOUT BOE TUPSBHF DIBSHFT  
 (g) selecting the merchandise or products that monitoring and analysing market trends and  
 CFTU mU UIF FTUBCMJTINF CPUWTF SS FGBVJUSFNTF BUFDUJOH UIF TVQQ  
 I JOUFSWJFXJOH TVQQMJFST GPOSE DFFNH P E B U J O H Q S E D F I T J Q Q J O H T  
 discounts, credit terms and transportation  
 BSSBOHFNFOUT Examples of the occupations classi ed here:  
 J PWFSTFFJOH EJTUSJGVUJJP Commodities Broker BOEJTF UP PVU  
 MFUT BOE NBJOUBJOJOH B C R M O B I T Y F U T U R E S D E A L E R M F W F M T  
 K FTUBCMJTIOH EFMJWFSZ Shipping Broker FT NPOJUPSJOH  
 progress and contacting clients and suppliers  
 UP SFTPMWF QSPCMFNT Some related occupations classi ed elsewhere:

Examples of the occupations classi ed here:

- Buyer 'JOBODF CSPLFS o
- Procurement officer 'JOBODF EFBMFS o
- Purchasing agent 4FDVSJUJFT CSPLFS o
- Purchasing merchandiser 4FDVSJUJFT EFBMFS o
- Supply officer \*OTVSBODF EFBMFS o

Some related occupations classi ed elsewhere:

\$PNNPEJUJFT CSPLFS o

Minor Group 333  
Business Services Agents

#VTJOFTT TFSWJDFT BHFOUT FTUBCMJTTFISFVOJDFDTUTVDR BFBMMEVW  
 TQBDFO UIF NFEJB DBSSZ PVUSDOTHUONBTU DQVDFEFSTFBOSZ BDDVWE  
 BSFJO PSEFS NBUDI KPCTFFLFSTF X QUM PV BSB O DBJSSTB OnHFE DXPPSU  
 for the performance of athletes, entertainers and artists, as well as for the publication of  
 CPPLT UIF QSPEVDUJPO PG QMBZTTBMS RGFNSFTDDPSBBOHQM  
 BOE PSHBOJ[F DPOGFSFODFT BOE TJNJMBS FWFOUT  
 5BTLT QFSGPSNFE VTVBMMZ JODMVCEFP DFEYSZJOGHPBVRUY QNSUPNPTS  
 QPSUT BSSBOHJOH BOE DPPSEJOBUTVDHI DBPTO QPDRGOSIF ODOFE GFBWJG  
 DBUFSJOH TJHOBHF EJTQMBZT BVDEJPMVNFATVBUJPEOEUDBOQV  
 BOE TPDJBM FWFOUT GPS QBSUJDDI QBDJFT NBOBJDOHXRBOSFL  
 WBDBOU QPTUT GPS FNQMPZFSFT TRMXJDSH NFBTFEFUWPBOSPOQ  
 CVZFST PS UFOBOU BOE FYQMBJOSOTHUU PSSH TMBTFBMTFFMSMDO  
 UJPO WBSJPVT LJOET PG QSPQISSJUZKF X B N M F SDZP B N P E B U U F F S T P C  
 arranging contracts for performers and performances.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

- 3331 Clearing and Forwarding Agents**
- 3332 Conference and Event Planners**
- 3333 Employment Agents and Contractors**
- 3334 Real Estate Agents and Property Managers**
- 3339 Business Services Agents Not Elsewhere Classified**

Unit Group 3331

**Clearing and Forwarding Agents**

Clearing and forwarding agents carry out customs clearance procedures and ensure that malities are in order.

- (a) carrying out customs clearance procedures

Examples of the occupations classified here:

determine cargo contents, and classifying

Examples of the occupations classified here:

- Clearing agent
- Forwarding agent
- Shipping agent

G O F H P U J B U J O H U I F U Z Q F B O E D P T

C F Q S P W J E F E X J U I J O C V E H F U

H P W F S T F F J O H X P S L C Z D P O U S B D U P S

P O W B S J B U J P O T U P X P S L P S E F S T

J O T V S B O D F F Y Q P S U J N Q P S U

\$ P O G F S F O D F B O E F W F O U P S H B O J

5 B T L T J O D M V E F o Conference planner

W e d d i n g p l a n n e r

G P S F Y Q P S U T P S J N Q P S U T

C F O T V S J O H U I B U J O T V S B O D F J T J O P S E F S

D F O T V S J O H U I B U F Y Q P S U J N Q P S U M J D F O D F T B O E

P U I F S G P S N B M J U J F T B S F

E T J H O J O H B O E J T T V J O H

F D I F D L J O H J N Q P S U F Y Q P S U E P D V N F O U B U J P O U P

H P P E T J O U P E J F S F O U G F F T F S F L U S S J X J H S P W O D B O D J O H m O E X P S L F

B U B S J D P E J O H T Z T U F N

S F R V F T U P G F O U F S Q S J T F T B O E P

J O D M V E J O H H P W F S O N F O U B O E P U I

5 B T L T J O D M V E F o

B N B U D I J O H K P C T F F L F S T X J U I W B D

C m O E J O H X P S L F S T G P S W B D B O U

D P N N J T T J P O G S P N U I F F N Q M P Z F S P

(c) discussing with employers the skills and

P U I F S D I B S B D U F S J T U J D T S F R V J S F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

(d) ending workers with appropriate skills, and

U P C F F N Q M P Z F E P S D P O U S B D U F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

(e) ensuring that the employment contracts meet

B Q S P N P U J O H D P O G F S F O D F H H B M P S F R V O U S F N Q D U B O E T J H O J

U S B E F T I P X T U P Q P U F O U J B M D B V E T W J T N F C S H P O U S B J O J O H T D I F N F T

C S F T Q P O E J O H U P J O R V J S J F T D P O D F S O J O H T F S W J D F T

Q S P W J E F E B O E D P T U T

I J S F D B U F S J O H B O E S F M B

(c) meeting with clients to discuss their needs and outlining package options to meet these

O F F E T

E B S S B O H J O H B O E D P P S E S

Q M B Z T B V E J P W J T V B M B O E O D P N Q V B U J S P O F B R W J O N E M Z T U o

B D D P N N P E B U J P O U S B O T Q P S U W U B F C S B S T Z D B J B F M U F V O F O U T

G P S Q S F T F O U F S T

4 Q T J D B M Q F S G P S N B O D F B H F O U o

F P S H B O J J O H S F H J T U S B U J P O I P B U S B D B M J B O B F O U U o

Unit Group 3332

**Conference and Event Planners**

Examples of the occupations classified here:

Examples of the occupations classified here:

- (c) meeting with clients to discuss their needs and outlining package options to meet these

Examples of the occupations classified here:

G O F H P U J B U J O H U I F U Z Q F B O E D P T

C F Q S P W J E F E X J U I J O C V E H F U

H P W F S T F F J O H X P S L C Z D P O U S B D U P S

P O W B S J B U J P O T U P X P S L P S E F S T

J O T V S B O D F F Y Q P S U J N Q P S U

\$ P O G F S F O D F B O E F W F O U P S H B O J

5 B T L T J O D M V E F o Conference planner

W e d d i n g p l a n n e r

G P S F Y Q P S U T P S J N Q P S U T

C F O T V S J O H U I B U J O T V S B O D F J T J O P S E F S

D F O T V S J O H U I B U F Y Q P S U J N Q P S U M J D F O D F T B O E

P U I F S G P S N B M J U J F T B S F

E T J H O J O H B O E J T T V J O H

F D I F D L J O H J N Q P S U F Y Q P S U E P D V N F O U B U J P O U P

H P P E T J O U P E J F S F O U G F F T F S F L U S S J X J H S P W O D B O D J O H m O E X P S L F

B U B S J D P E J O H T Z T U F N

S F R V F T U P G F O U F S Q S J T F T B O E P

J O D M V E J O H H P W F S O N F O U B O E P U I

5 B T L T J O D M V E F o

B N B U D I J O H K P C T F F L F S T X J U I W B D

C m O E J O H X P S L F S T G P S W B D B O U

D P N N J T T J P O G S P N U I F F N Q M P Z F S P

(c) discussing with employers the skills and

P U I F S D I B S B D U F S J T U J D T S F R V J S F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

(d) ending workers with appropriate skills, and

U P C F F N Q M P Z F E P S D P O U S B D U F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

U P C F F N Q M P Z F E P S D P O U S B D U F E

(e) ensuring that the employment contracts meet

B Q S P N P U J O H D P O G F S F O D F H H B M P S F R V O U S F N Q D U B O E T J H O J

U S B E F T I P X T U P Q P U F O U J B M D B V E T W J T N F C S H P O U S B J O J O H T D I F N F T

C S F T Q P O E J O H U P J O R V J S J F T D P O D F S O J O H T F S W J D F T

Q S P W J E F E B O E D P T U T

I J S F D B U F S J O H B O E S F M B

(c) meeting with clients to discuss their needs and outlining package options to meet these

O F F E T

E B S S B O H J O H B O E D P P S E S

Q M B Z T B V E J P W J T V B M B O E O D P N Q V B U J S P O F B R W J O N E M Z T U o

B D D P N N P E B U J P O U S B O T Q P S U W U B F C S B S T Z D B J B F M U F V O F O U T

G P S Q S F T F O U F S T

4 Q T J D B M Q F S G P S N B O D F B H F O U o

F P S H B O J J O H S F H J T U S B U J P O I P B U S B D B M J B O B F O U U o

Unit Group 3334

**Real Estate Agents and Property Managers**

Real estate agents and property managers arrange the sale, purchase, rental and lease of real estate and property, usually on behalf of clients and on a commission basis.

- 5 B T L T J O D M V E F o
- (a) obtaining information about properties to be sold or leased, the circumstances of sale or lease, the names of interested parties, and the names of prospective buyers or tenants, and the names of persons who are likely to be interested in the property.
- (b) showing properties to be sold or leased to prospective buyers or tenants.
- (c) facilitating negotiations with tenants and landlords.
- (d) drawing up leasing and sale agreements and contracts.
- (e) arranging signing of lease agreements and contracts.
- (f) collecting rent and bond monies on behalf of owners and inspecting properties before sale or lease and ensuring that the contract is honored.

Examples of the occupations classified here:  
Estate agent  
Property manager  
Realtor  
Salesperson (real estate)

Some related occupations classified elsewhere:  
. P S U H B H F D M F S L o

Unit Group 3339

**Business Services Agents  
Not Elsewhere Classified**

Business services agents establish business contacts, arrange contracts for performances of plays, operas, musicals, and other dramatic works, and arrange for the publication of books, the production of plays, or the recording, performance and sale of music, sell property and goods by auction and design and organize packages and group tours.

- # V T J O F T T 4 F S W J D F T " H F O U T ' P S J O T
- T F M M C V T J O F T T T F S W J D F T T V D I B T
- Q S P T Q F D U J W F C V Z F S T P S P T O F T B O J E F I C T I O N M A N J O H D E S I G N
- U F S N T P G T B M F P S D P O E A R T I S T S P A C K A G E A N D G R O U P T O U R S B T F
- O T V D I D B T F T U B T L T X P V M E J O D I
- P X O F S T P O S F O U T B O E G F F T P C U B J O J O H J O G P S N B U J P O B C P V U
- F T U J N B U J O H D P T U T
- (b) negotiating contracts on behalf of seller or buyer and ensuring that the contract is honored.
- C V Z F S B O E F Y Q M B J O J O H U F S N T
- U S B O T G F S P G Q S P Q F S U Z S J N F O T U U P D M J F O U
- (f) signing agreements on behalf of seller or buyer and ensuring that the contract is honored.

H F O T V S J O H U I F B W B J M B C E J M N B Z J D G X T S I F F S T B W P U Q F S C V T J O F T  
D I B T F E J T N B E F B W B J M B C M F U P U I  
B H S F F E G P S N B U B U U I F B H S F F E U  
F T F M M J O H C Z B V D U J P O W B S J P V T  
D B S T D P N N P E J U J F T M J W F T U P D L  
B O E P U I F S P C K F D U T  
G P S H B O J [ J O H H S P V Q U P V S T G P S C  
U J P O U S B W F M B O E N B L J O H C V M L  
commodation bookings.

Examples of the occupations classified here:  
" E W F S U J T J O H T B M F T Q F S T P O  
" V D U J P O F F S  
Literary agent  
. V T J D B M Q F S G P S N B O D F B H F O U  
Sports agent  
5 I F B U S J D B M B H F O U  
5 P V S P Q F S B U P S

Minor Group 334

**Administrative and Specialized Secretaries**

" E N J O J T U S B U J W F B O E T Q F D J B M J [ B E M T I D P S N F N U B O S J J D F B T U Q P S Q W B J O E E F E P P S  
N F O U B U J P O T V Q Q P S U T F S W J D F T V U F M C J M [ T J D C H F T T Q F B D D J L B J M V J J [ L F Z E R C  
P S H B O J [ B U J P O J O X I J D I U I F Z B S F I S N Q Q I P Q F B C J 5 M B X Z U B I P S T P V Q F S D  
in the organization.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M W E F X J D O P H S U E J F O B P S D H P G B T M J F S C  
T V Q Q P S U X P S L F S T E F T L U P Q Q V E M B I M I J E O P H D V Q I S Q Q B S B J O E H C B O  
T V D I B T E F F E T X J M M T B E B W J U Q P B S C U E J O C H S J U F I G T D P I N I Q W O F J N D F B O U J P  
E P D V N F O U B U J P O B O E J O U F S O B M N B O B O H F P S S I B B O J D [ P B F U S J E P J O E B N I J P O J I E  
T P N F P D D B T J P O T V U J M J [ J O H T Q F D B J D B U M J [ F U Z L O B X M I F F E I P S H P B C O J J [ I B

scheduling and confirming meetings and appointments and communicating messages for cli-  
F O U T D P N Q J M J O H S F D P S E J O H B O S E E T S F W B Q X S Q J H M F H B W M F B O U E T N  
correspondence.

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V B S U F H S P B / T Q T J m F E J O U P U I F

- 3341 Office Supervisors**
- 3342 Legal Secretaries**
- 3343 Administrative and Executive Secretaries**
- 3344 Medical Secretaries**

Unit Group 3341

**Office Supervisors**

O D F T V Q F S W J T P S T T V Q F S W J T P S T P O B M U I O S E P G F T T J P O B M T U F B Q E F B M T P T  
 B D U J W J U J F T P G X P S L F S T J O . B E N J O J T U S B U J W F B O E & Y F D V U J W F 4  
 Support Workers.

5 B T L T J O D M V E F o  
 B D P P S E J O B U J O H B T T J H O J O H B O E S F W J F X J O H U I F  
 work of clerks engaged in the following:  
 E V U J F T X P S E Q S P D F E F T T J O H S F D P S E L F F Q J O H

Unit Group 3342  
**Legal Secretaries**

- and ling, operating telephones and switch-  
 boards, data entry, desktop publishing and  
 P U I F S B D U J W J U J F T J O W P M W J O H S H J O P M P H Z P B O E Q S P D F E V  
 BENJOJTUSBUJWF TLJMMT M F H B M U F S N J O P M P H Z P B O E Q S P D F E V  
 (b) establishing work schedules and procedures, documentation and internal managerial  
 BOE DPPSEJOBUIJOH BDUJWJUFJFOBJUJPOBUJUSWJUSFT JO  
 VOJUT PS EFQBSUNFOUT OBSUNFOUT PG MBSHE mSNT BOE HPV  
 D SFTPMWJOH XPSL SFMBUJFTLTOJODMVEFT oBOE QSF  
 paring and submitting progress and other (a) preparing and processing legal documents  
 SFQPSUT BOE QBQFST TVDI BT EFFET XJM  
 (d) training and instructing employees in job BOE CSJFGT  
 duties, safety procedures and company pol- C SFWJFXJOH BOE QSPPGSFBEJOH  
 icies, or arranging for training to be pro- correspondence to ensure compliance with  
 WJEFE M F H B M Q S P D F E V S F T  
 F F W B M V B U J O H F N Q M P Z F F T N B J M J O H F S G B Y J O H O P S F B S S E O H J O  
 conformity with regulations, and recom- legal correspondence to clients, witnesses  
 NFOEJOH BQQSQSJBUF QFS BOE D P W S U J D J B M T  
 G BTTJTUJOH JO SFDSVJUNFOU LOUJFSWJFXJOH BOE TF  
 lection of employees. (d) organizing and maintaining documents, case  
 m M F T B O E M B X M J C S B S J F T  
 F T D S F F O J O H S F R V F T U T G P S N F F U J  
 V M J O H B O E P S H B O J [ J O H N F F U J O H T  
 (f) assisting in the preparation of budgets, moni-  
 S U P S J O H P G F Y Q F O E J U V S F T E S B G U J  
 B O E Q V S D I B T J O H P S B D R V J T J U J P O  
 H W T V Q F S W J T J O H U I F X P S L P G P

Examples of the occupations classified here:

\$ M F S J D B M T V Q F S W J T P S  
 % B U B F O U S Z T V Q F S W J T P  
 ' J M J O H D M F S L T T V Q F S W J T P  
 1 F S T P O O F M D M F S L T T V Q F S W J T P S

Some related occupations classified elsewhere:

. F E J D B M S F D P S E T V O J U T V O E S W J T P S o

Note

8 P S L F S T X I P T V Q F S W J T F U I F B D U J W J U J F T P G D M F S J D B M T V Q  
 port workers in law o ces and legal departments are  
 D M B T T J m F E J O 6 O J U ( S P V Q S o m e r e l a t e d o c c u p a t i o n s c l a s s i f i e d e l s e w h e r e :  
 X I P T V Q F S W J T F U I F B D U J W J U J F T P G - D M B M D B M T J T U B O S U X P S L F S T  
 J O I F B M U I G B D J M J U J F T X I F S F U I F X P S L S F R V J S F T T Q F D J B M J T U  
 knowledge related to health and medicine, such as pro-  
 cessing medical records and hospital admission details,

Unit Group 3343

**Administrative and Executive Secretaries**

" E N J O J T U S B U J W F B O E F . F E J D B M J W F F D S T F U B S J F F U T B S V J T F J O H Q T F O S F D J  
form liaison, coordination and organizational P G N F E J D B M U F S N J O P M P H Z B O E I F I  
tasks in support of managers and professionals procedures, assist health professionals and other  
B O E P S Q S F Q B S F D P S S F T X P O E F S T D C Z S O F F S E P N J B O E B S W B S J F U  
records of proceedings and other specialized documents. D U B U J P O E P D V N F O U B U J P O B E N J O J T U  
mentation.

5 B T L T J O D M V E F o  
B E S B G U J O H B E N J O J T U S B O E F O D F B O E  
N J O V U F T

(b) obtaining, proposing and monitoring dead- (a) scheduling and con rming medical appoint-  
M J O F T B O E G P M M P X V Q E B h e n t s and communicating messages for  
D T D S F F O J O H S F R V F T U T N P S J D E F M U T U O H T B O E O O B T U D F D E U T  
V M J O H B O E P S H B O J [ J O H N E F U D D M O J B O I D H S B W F M S B J S O H B O E S F V  
S B O H F N F O U T charts, reports, documents and correspond-

(d) assisting in the preparation of budgets, moni- F O D F  
U P S J O H P G F Y Q F O E J U V S F T D E S I O U F S O W H F X G O D H P Q B S B F O U T T U P D P N C  
B O E Q V S D I B T J O H P S B D R V J T W N J D O T P S E O F S T D B T F I J T U P S J F T  
F M J B J T J O H X J U I P U I F S T U E B D P N P O M J F B J O B O J O F V P S B O N D F U B O E P U I F S  
U F S T S F M B U J O H U P U I F R e s H a i l a i n i n g m e d i c a l l e b a n d S e c r e t a r y a n d

(f) writing and answering business or technical U F D I O J D B M M J C S B S Z  
M F U U F S T B O E P U I F S T J N J ( M P r e p a r i n g S e n t i n a l P o l i c e E m e r g e n c y a n d b i l l i n g  
H Q S F Q B S J O H W F S C B U J N S F O S S D F E R S F O S P D F F E J O H T J O  
M F H J T M B U J W F B T T F N C M J F g ) a s s i s t i n g i n t h e p r e p a r a t i o n o f b u d g e t s  
places, using shorthand or specialized o c e drafting of contracts and purchasing or ac-  
F R V J Q N F O U R V J T J U J P O P S E F S T  
I T V Q F S W J T J O H U I F X P S U P T G V O M S F V S J D B O M H T W I C F Q X P S L P G P O  
workers. X P S L F S T B O E P U I F S P D F T U B

Unit Group 3344

**Medical Secretaries**

internal coordination functions, to support health  
workers in medical facilities and other health  
B o a r d R e l a t e d O r g a n i z a t i o n s . O E F O D F B O E  
5 B T L T J O D M V E F o

(a) scheduling and con rming medical appoint-  
ments and communicating messages for  
N P S J D E F M U T U O H T B O E O O B T U D F D E U T  
B O I D H S B W F M S B J S O H B O E S F V  
charts, reports, documents and correspond-

(e) Maintaining medical le b and records and  
U F D I O J D B M M J C S B S Z  
( M P r e p a r i n g S e n t i n a l P o l i c e E m e r g e n c y a n d b i l l i n g  
S F O S S D F E R S F O S P D F F E J O H T J O  
a s s i s t i n g i n t h e p r e p a r a t i o n o f b u d g e t s

(f) drafting of contracts and purchasing or ac-  
R V J T J U J P O P S E F S T  
P T G V O M S F V S J D B O M H T W I C F Q X P S L P G P O  
X P S L F S T B O E P U I F S P D F T U B

Examples of the occupations classif ed here: Examples of the occupations classif ed here:

" E N J O J T U S B U J W F T F D S F U B S Z % F O U B M T F D S F U B S Z  
Correspondence assistant Hospital ward secretary  
Court reporter . F E J D B M J O T V S B O D F C J M M J O H T F  
& Y F D V U J W F B T T J T U B O U . F E J D B M M B C P S B U P S Z T F D S F U B S Z  
Personal assistant . F E J D B M P D F B E N J O J T U S B U J W F E  
. F E J D B M Q S B D U J D F N B O B H F S

Some related occupations classif ed elsewhere:

. F E J D B M U S B O T D S J Q U J P O J T U F E J D B M T U F O P H S B Q I F S  
4 F D S F U B S Z H F O F S B M o . F E J D B M U S B O T D S J Q U J P O J T U  
Pathology secretary  
Patient care secretary

Some related occupations classif ed elsewhere:

. F E J D B M S F D P S E T U F D I O J D J B O o  
. F E J D B M B T T J T U B O U o  
4 F D S F U B S Z H F O F S B M o  
. F E J D B M P D F S F D F Q U J P O J T U o

Minor Group 335

**Government Regulatory Associate Professionals**

( P W F S O N F O U S F H V M B U P S Z B T T P D J B U F F P Q S B C O M T Z J P S F B M W B O W J O P  
N F O U S V M F T B O E S F H V M B U J P O B O E F I M P B U J J B O M H C U F R O F O M B U T J P O B W M F  
G B D U T B O E D J S D V N T U B O D F T S F M B R U J B O C H O M B D B S J J N P R O T T B R O S E M T D V F R  
B V U I P S J [ B U J P O T J O D P O O F D U J P O G X J U I P E S B W F M B G R A V J O T R S I U O U B O E  
O F T T F T F S F D U J P O P G C V J M E J O R W F B S C O E N P O U F S F B H V M B U J J P O T T V C

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F I F O B U S H M M B O H P O B U B P O E B  
I J D M F T U S B W F M B O E U S B O T Q P S S U P T E P D V N F O P U S T E F B S O E U P H F F O E T  
F O G P S D F N F O U P G H P W F S O N F O U S V S F U V S O E T S J P H V M U B U S J R D C F E Y B E  
Q B Z B C M F C Z Q F S T P O T B O E C V T J O F O T M F J T D B E Y B O J O G J O S H T E P O E B E M D C J E  
F Y B N J O J O H B O E E F D J E J O H P O B Q Q M J D B U J P O E M P S D H O P D W F T S O N D O T  
U P U S B W F M F Y Q P S U P S J N Q P S U V H P D E T T F F T S P D S U V O E J F N S E J B Q H T P U  
B D U J W J U J F T T V C K F D U U P H P W F O S M J N D B O U P O F P H G V M B W D I P O X B H  
X F J H I U T B O E N F B T V S F T S F H V M B U J P O T B O U B S O W J F H J O O E X W F O F C  
B O E T V T O F D U T B O E B O B M Z T J O H E P B V N S F O D W T J V O E H D V P N E O W D F F S G S  
T F O J P S H P W F S O N F O U P D J B M T P S N L B O B H N F B Z C 4 F V Q O S D W M J V E I P O P O

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

- 3351 Customs and Border Inspectors**
- 3352 Government Tax and Excise Officials**
- 3353 Government Social Benefits Officials**
- 3354 Government Licensing Officials**
- 3355 Police Inspectors and Detectives**
- 3359 Government Regulatory Associate Professionals Not Elsewhere Classified**

Unit Group 3351

**Customs and Border Inspectors**

(h) when necessary, testifying in a court of law

B C P V U U I F D J S D V N T U B O D F T B O E S F  
t i g a t i o n s c a r r i e d o u t .

Customs and border inspectors check persons

B O E W F I J D M F T D S P T T J O H O E B a t t l e s o n t h e c o a s t a l b o r d e r s c l a s s i f i e d a s J O  
J T U F S B O E F O G P S D F S F M F W B O B o r d e r i n s p e c t o r N F O U S V M F T B O E  
r e g u l a t i o n s . C u s t o m s i n s p e c t o r

5 B T L T J O D M V E F o

C u s t o m s o c e r

(a) patrolling national borders and coastal waters to stop persons from illegally entering

I m m i g r a t i o n o c e r

P a s s p o r t c h e c k i n g o c e r

P S M F B W J O H U I F D P V O U S Z B O E G S P N J M M F H B M M Z J N  
Q P S U J O H P S F Y Q P S U J O H D V S S F O D Z P S H P P E T

C D I F D L J O H U S B W F M E P D V N F O U T P G Q F S T P O T  
c r o s s i n g n a t i o n a l b o r d e r s t o e n s u r e t h a t t h e y

U n i t G r o u p 3352

I B W F U I F O F D F T T B S Z B V U I F G o v e r n m e n t t a x a n d e x c i s e o f f i c i a l s S U J m  
D B U F T

(c) inspecting the luggage of persons crossing national borders to ensure that it conforms

(h) W F S O N F O U U B Y B O E F Y D J T F  
U S Y S F U V S O T C J M M T P G T B M F B O E

U P H P W F S O N F O U S V M F T E F O E S S E J O V M U B U J P O T F D P O E B N P V O U P O  
D F S O J O H J N Q P S U P S F Y Q B S I E P G I H S P R E Z T Q B T O P G D G S F F T U P C F Q B  
S F O D J F T P S C V T J O F T T F T S F G F S S J O H F Y D F Q U J F

E F Y B N J O J O H U S B O T Q P S U D B T D V N U F O L B T D B P O E O G B O J H I U T F O J P S H P V  
P G W F I J D M F T D S P T T J O H m a n a g e r s . P O B M C P S E F S T U P

F O T V S F D P O G P S N J U Z X J U I 5 B H T L W F S C O D M F V O E U F S V M F T  
a n d r e g u l a t i o n s c o n c e r n i n g g o o d s i n t r a n s i t B B E W J T J O H P S H B O J [ B U J P O T

B O E U I F J N Q P S U B O E F Y Q P S O U P M J H P P O T H B W E S O P N F O U M B X T  
W F S J G Z U I B U O F D F T T B S Z t o r s z o n e o n l y t h e d e t e r m i n a t i o n a n d p a y -

N B E F

N F O U P G U B Y F T E V U J F T B O E P U I F S

(e) detaining persons and seizing prohibited and

G F F T B O E P O U I F Q V C M J D T S J H I U T  
V O E F D M B S F E H P P E T G P V O E U P Y B N J O O M J B M Y B U S F R O V S P O G T C J M M T

J N N J H S B U J P O B O E D V T U P N T S M N X W B O U E P D V N F O U T U P E F U F S N  
(f) coordinating and cooperating with other

B N P V O U T P G U B Y F T E V U J F T B O E P  
B H F O D J F T J O W P M W F E J O F M B X P F O O F G O B D E F N F O U E F

Q P S U B U J P O B O E Q S P T F D V U D P O J O W F T U J H B U J O H m M F E U B Y S F U V S  
H Q F S G P S N J O H S F M B U F E B e n d s , s y s t e m s a n d i n t e r n a l c o n t r o l s o f o r P

S F D P S E m O E J O H T U S B O T B H U B O P O [ B U J P O T M B U J P O T V S O E D P N Q M J B  
E F U F S N J O B U J P O T B U J P O M B X T B O E S F H V M B U J P O T



E Q F S G P S N J O H S F M B U F E U n i t G r o u p 3 3 5 5 U S B U J W F U B T L T U P  
document findings, maintain records and report on actions taken for cases.

**Government Licensing Officials**

Examples of the occupations classied here:  
& Y D J T F P D F S  
5 B Y B U J P O J O T Q F D U P S  
5 B Y P D F S

( P W F S O N F O U M J D F O T J O H - P D J B M T F Y  
U J P O T G P S M J D F O D F T U P F Y Q P S U P S J  
businesses, build houses or other structures or to  
obtain passports, determine eligibility of applica-  
tions for issuing licences or passports, and identify  
speci c conditions or restrictions to be attached to

Some related occupations classied elsewhere:  
" D D P V O U B O U o  
" V E J U P S o

M J D F O D F T J T T V F E S F G F S S J O H F Y D F O U  
D B T F T U P T F O J P S H P W F S O N F O U P D J B  
5 B T L T J O D M V E F o  
B B E W J T J O H J O E J W J E V B M T P O H P W  
regulations concerning the type of licence re-  
R V J S F E B O E U I F D P O E J U J P O T B  
licences, and on the public s rights and obli-  
H B U J P O T

Unit Group 3353

**Government Social Benefits Officials**

( P W F S O N F O U T P D J B M C F O F m U n i t G r o u p 3 3 5 3 U n t e n s a d d e t e r m i n i n g w i t h t h e F a l l e n  
Q M J D B U J P O T G P S H P W F S O n g r a n t e d a n d t o b e c o n d i t i o n s w h i c h s h o u l d  
programmes to determine eligibility and amount  
P G C F O F m U P S B Q Q S P Q S - J B U D T F S W N D O J O H S B C F S N J O B U J P O T B O E  
D F Q U J P O B M P S J N Q P S U B - O U D B T T F P B Q B O J P S S H P T W F S O  
ment o cials or managers.

C F Y B N J O J O H B Q Q M J D B U J P O T B O  
U n t e n s a d d e t e r m i n i n g w i t h t h e F a l l e n  
O n g r a n t e d a n d t o b e c o n d i t i o n s w h i c h s h o u l d  
C F B U U B D I F E  
P G C F O F m U P S B Q Q S P Q S - J B U D T F S W N D O J O H S B C F S N J O B U J P O T B O E  
D F Q U J P O B M P S J N Q P S U B - O U D B T T F P B Q B O J P S S H P T W F S O

5 B T L T J O D M V E F o  
B B E W J T J O H J O E J W J E V B M T F  
H P W F S O N F O U M B X T S V M  
D F S O J O H H P W F S O N F O U C F O F m U P S B Q Q S P Q S - J B U D T F S W N D O J O H S B C F S N J O B U J P O T B O E  
the determination and disbursement of pay-  
N F O U T P S S F G F S S B M U P T F S i v e r s e a p p l i c a t i o n s . X F M M B T P O U I F  
Q V C M J D T S J H I U T B O E P C M J H B U J P O T

E Q F S G P S N J O H S F M B U F E B E N J O J T  
Q S P D F T T B Q Q M J D B U J P O T E P D V N F  
B B E W J T J O H J O E J W J E V B M T F V B M V B S H J P O T [ B O E P O T U P S O N J O B U J P O  
H P W F S O N F O U M B X T S V M  
D F S O J O H H P W F S O N F O U C F O F m U P S B Q Q S P Q S - J B U D T F S W N D O J O H S B C F S N J O B U J P O T B O E  
the determination and disbursement of pay-  
N F O U T P S S F G F S S B M U P T F S i v e r s e a p p l i c a t i o n s . X F M M B T P O U I F  
Q V C M J D T S J H I U T B O E P C M J H B U J P O T

C F Y B N J O J O H B Q Q M J D B U J P O T B O  
documents to determine types and amounts  
P G C F O F m U X I J D I J O E J W J E V B M T F  
S F D F J W F  
D B T T F T T J O H E P D V N F O U

E x a m p l e s o f t h e o c c u p a t i o n s c l a s s e d h e r e  
B u i l d i n g p e r m i t ( l i c e n s i n g ) o c e r  
B a s e m e n t b e n e f i t ( f i c h s i n g ) o c e r  
L i c e n s i n g o c e r  
B a s e m e n t b e n e f i t ( o u s i n g ) o c e r  
O U F S W J F X J O H

U J O V J O H C F O F m U T P S T F  
E Q F S G P S N J O H S F M B U F E  
maintain client records and prepare reports  
on determinations regarding eligibility, re-  
ferral decisions, termination of bene ts and  
abuse or fraud.

S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
B # N J J O U E T J U C S H W J O W T O F U D B U T P L S T d J P  
' J S F J O T Q F D U P S o

Unit Group 3355

**Police Inspectors and Detectives**

Examples of the occupations classied here:  
Pensions o cer  
Social bene ts o cer  
Social security claims o cer

1 P M J D F J O T Q F D U P S T B O E E F U F D U  
facts and circumstances relating to crimes com-  
N J U U F E J O P S E F S U P J E F O U J G Z T V T C  
B O E P C U B J O J O G P S N B U J P O O P U S F  
D V N T U B O D F T B O E C F I B W J P V S P G Q F  
P S E F S U P Q S F W F O U D S J N F T  
5 B T L T J O D M V E F o

Some related occupations classied elsewhere:  
\$ P V O T F M M J O H Q S P G F T T  
4 P D J B M X P S L F S o

( a ) e s t a b l i s h i n g c o n t a c t s a n d s o u r c e s o f i n f o r m a t i o n  
a b o u t c r i m e s p l a n n e d o r c o m m i t t e d , i n  
P S E F S U P Q S F W F O U D S J N F T P S J E F  
P F O E F S T

C PCUBJOJOH BOE WFSJ **Ontario 359** JEFODF CZ FYBN  
 ining crime and accident scenes for clues **Government Regulatory Associate Professionals**  
 QIZTJDBM FWJEFODF J **Not Elsewhere Classified** H XJUOFTTFT  
 and suspects and analysing documents and  
 DPNQVUFS mMFT 5IJT VOJU HSPVQ DPWFST HPWFSON  
 D BOBMZTJOH FWJEFODF as Social Professionals Not Classified  
 JEFOUJGZ DSJNJOBM- For instance the group includes agricultural, GPS  
 NBUJPO GPS DPVSU DBT Fisheries, forestry, prices, wages and weights and  
 (d) establishing contacts and sources of information inspectors.  
 UJPO OPU SFBEJMZ -BW B JOM BCDM FD B TSF TB Q B B SF OXU VMPEO JOD M  
 concerning establishments or the circumstances B FYBNJOJOH QMBDFT PG CVTJOFT  
 BOE CFIBWJPVS PG QFSTPOVTT F VPTG DM MSZF XUUXFWHIFUT BOE NFBT  
 BJN PG QSFWFOUJOH B D (d) Monitoring price regulations to assess appro-  
 F NBLJOH BSSFTUT QSJBUFOFTT PG DPTUT GPS HPPET  
 (f) testifying in courts of law or reporting to QSPUFDU DPOTVNFS JOUFSFTUT  
 superiors about circumstances and results of monitoring wage regulations to ensure ap-  
 JOWFTUJHBUJPOT QSPQSBUF MFWFMT PG QBZ GPS

Examples of the occupations classied here:  
 1PMJDF EFUFDUJWF  
 1PMJDF JORVJSZ BHFOU  
 Police inspector

TUBOEBSET MFHJTMBUJPO  
 E QFSGPSNJOH SFMBUFE JOWFTU  
 JTUSBUJWF UBTLT UP SFDPSE mOE  
 compliance problems or inappropriate busi-  
 ness practices and to prepare reports and  
 correspondence.

Some related occupations classied elsewhere:  
 1PMJDF DPNNJTJTJPOFS o  
 1PMJDF JOTQFDUPS HF  
 1PMJDF TVQFSJOUFOEFOU o  
 1SJWBUF EFUFDUJWF o  
 1PMJDF P DFS o

Examples of the occupations classied here:  
 "HSJDVMUVSBM JOTQFDUPS  
 Fisheries inspector  
 Forestry inspector  
 Prices inspector  
 Wage inspector  
 Weights and measures inspector

Some related occupations classied elsewhere:  
 'JSF JOTQFDUPS o  
 )FBMUI JOTQFDUPS o  
 Occupational health and safety  
 JOTQFDUPS o  
 1PMMVUJPO JOTQFDUPS o  
 4BOJUBSZ JOTQFDUPS o

Sub-major Group 34

**Legal, Social, Cultural and Related Associate Professionals**

Legal, social, cultural and related associate professionals perform technical tasks connected with food preparation, sport and religion. Competent performance in most occupations in this group is required.

5 B T L T Q F S G P S N F E C Z X P S L F S T J V C E F U I J O T S P T W C E N O K P I S F B S O P J  
 B O E Q S B D U J D B M T F S W J D F T B O E T B W Q E Q P J S O U W G T V W D H U B J P O P T O J O T P F D  
 D P N N V O J U Z B T T J T U B O D F Q S P H S B N V M F U T J F T B O Q B S F U M D J H Q J P U J T O H B  
 B E K V E J D B U J O H J O T Q P S U J O H F W F O U T T D E B W F J M O P H Q J O H U B O E T E F B M O J  
 S F B U J P O B M Q S P H S B N N F T D P N C J C O J C B H V D E S S F J B F W J Z W P G B O S U U F D U O J D D  
 B O E D V M J O B S Z B D U J W J U J F T D S O F B U U J O F H Q I S F T Q I B S B B O E O N P O V N F  
 O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T Q J T m F E J O U

- 341 Legal, Social and Religious Associate Professionals**
- 342 Sports and Fitness Workers**
- 343 Artistic, Cultural and Culinary Associate Professionals**

Minor Group 341

**Legal, Social and Religious Associate Professionals**

- F H B M T P D J B M B O E S F M J H J P V T I B T J T D P E D M I B B F O E Q S C P S S F D T U J J P D O B B N M T T  
 B O E T V Q Q P S U G V O D U J P O T J O M D H B M B O E D E D F P N N T V C B J O J E Z J B O T W F T  
 Q S P H S B N N F T B O E S F M J H J P V T B D U J W J U J F T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E P D B B T M J X P S O H B O E S F M Q E J  
 Q S P G F T T J P O B M T P C U B J O J O H B O E M B D B D M Z N F J O H T F B W O J E F T C F S F W J O S I F D  
 P S E F S T B E N J O J T U F S J O H B O E J N Q M N N F O B J O C H D P N D N V B O M J L B Z T T U F S  
 W J D F T B T T J T U J O H D M J F O U T F N T E F B S I P W J U E U O C H F S O T S P B O D B U M D B B  
 U B O D F H V J E B O D F B O E N P S B M T V Q Q P S U U P J O E J W J E V B M T B O E  
 O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q C B S U F H S M P B T Q T T J m F E J O U P U I F

- 3411 Legal and Related Associate Professionals**
- 3412 Social Work Associate Professionals**
- 3413 Religious Associate Professionals**

Unit Group 3411

**Legal and Related Associate Professionals**

and preparing papers summarizing legal positions or setting out conditions of loans or insurance contracts, the transferring of property and the granting of loans and other financial services, including the preparation of legal documents.

T V S B O D F

Legal and related associate professionals perform support functions in courts of law or in law offices as insurance contracts, the transferring of property and the granting of loans and other financial services, including the preparation of legal documents.

5 B T L T J O D M V E F O J O W F T U J H B U J O H G B D U T B T T F N C  
 S F T F B S D I J O H S F M F W B O U T U B U V I  
 B U F I E S U M F T H B M M E P H B M F N O B U T U I S P T Q S F O  
 B E W J T J O H D M J F O U T P O M F H B M M  
 F Y B N J O J O H E P D V N F O U B U J P O T  
 g a g e W F i e n s J u d g e m e n t s T e a c h e r s M o n  
 U S B D U T B O E N B Q T J O P S E F S U P W F  
 M F H B M E F T D S J Q U J P O T B O E P X O F S  
 (a) documenting court proceedings and judgments (h) preparing documents relating to transfer of  
 N F O U T P S F B M B F J T N U T B U F V N T N U P O T L F T P S P U I F S I  
 C T F S W J O H T U B U F N F O U T P S F B M B F J T N U T B U F V N T N U P O T L F T P S P U I F S I  
 X B S S B O U T T V C Q P F O B T B O E G P S I N F S M D B V S U T B S B U S P O  
 (c) maintaining order in court and hearing judgments or information from business establishments and of other possible cases of un-  
 S P P N T J O W F T U J H B U J O H Q P T T J C M F D B T F  
 (d) preparing legal documents including trial briefs, pleadings, appeals, wills and contracts, M B X G V M C F I B W J P V S C Z D V T U P N F S T

K JOWFTUJHBUJOH FTUBC  
TUBODFT BOE CFIBWJPVS  
of clients.

Examples of the occupations classied here:

- #BJMJ
- \$POWFZBODJOH DMFSL
- Court clerk
- Judge's clerk
- Justice of the peace
- Law clerk
- Legal assistant
- Paralegal
- 1SJWBUF EFUFDUJWF
- 5JUMF TFBSDIFS

Some related occupations classied elsewhere:

- BXZFS o
- +VEHF o
- /PUBSZ o
- FHBM TFDSFUBSZ o

Unit Group 3412

**Social Work Associate Professionals**

Social work associate professionals administer and implement social assistance programmes with personal and social problems.

5BTLT JODMVEF o

B DPMMFDUJOH JOGPSN  
OFFET BOE BTTFTTJOH UIFJS SFMFWBOU TLJMMT  
TUSFOHUIT BOE EFMDJUT 3FMJHJPVT BTTPDJBUF QSPGFTTJPOBM

- (b) helping persons with disabilities or the elderly, and undertake religious works, preach and propagate the teachings of a particular religion
- (c) assisting clients to identify options and benefits of a particular religion
- (d) assisting clients to identify and access community resources including legal, medical and financial assistance, housing, employment and social assistance, housing, employment and social assistance, housing, employment and social assistance, housing, employment and social assistance
- (e) administering and participating in programmes and other community and social programmes and other community and social programmes and other community and social programmes
- (f) participating in the selection and admission of persons to religious communities
- (g) implementing life skills workshops, substance abuse counselling and other community and social programmes and other community and social programmes

MJHS MFDUFTQBS PHUSIFN N FSDWONEFS UIF T  
GPOBSTMPTXTPSLOPCSFHFNMIUI DBSF QS  
J BTTJTUJOH JO FWBMVBUJOH UIF  
UFSWFOUJ POT BOE QSPHSBNNFT CZ  
BOE SFQPSUJOH PO DMJFOUT QSPH  
K NBJOUBJOJOH DPOUBDU XJUI PU  
BHFODJFT TDIPPMT BOE IFBMUI D  
JOWPMWFE XJUI DMJFOUT UP QS  
BOE PCUBJO GFFECBDL- PO DMJFOU  
ation and progress.

Examples of the occupations classied here:

- \$PNNVOJUZ EFWFMPQNFOU XPSLFS
- \$PNNVOJUZ TFSWJDFT XPSLFS
- \$SJTTJ JOUFSWFOUJPO XPSLFS
- %JTBCJMJUZ TFSWJDFT XPSLFS
- 'BNJMZ TFSWJDFT XPSLFS
- Life skills instructor
- .FOUBM IFBMUI TVQQPSU XPSLFS
- Welfare support worker
- 8PNFO T TIFMUFS TVQFSWJTPS
- :PVUI TFSWJDFT XPSLFS

Some related occupations classied elsewhere:

- .BSSJBHF DPVOTFMMPS o
- 1BSPMF P DFS o
- 1SPCBUJPO P DFS o
- 4PDJBM XPSLFS o

Unit Group 3413

**Religious Associate Professionals**

Religious associate professionals administer and implement religious programmes and other community and social programmes

BOE BTTJTU DMJFOUT UP EFBM

EMJWSOWJEOCHS PSFOM JPNIPV TBDEVD BUJ P

IBMG XBZ IPVTT TVQFSWJBT OOH BIE S NBPDSUBJW JUVROTQ PSU UP

OJOH

(e) administering and participating in programmes and other community and social programmes

H S B N N F T U P Q S P W J E F G P P I

PG DMJFOUT UP BQQSPQS JTBIM WQFSS HUSPBN NPTTF JO OFFE

H QSPWJEJOH DSJTJT JOUFGS WFOE WJOT BOE HFNPSHNFVDOZUJFT B

TIFMUFS TFSWJDFT QSPQFS CFIBWJPVS BOE GBJU

Examples of the occupations classied here:

- Faith healer

Lay preacher	. J O J T U F S P G S F M J H J P O o
. P O L	1 P P K B S J o
Nun	1 S J F T U o
	3 B C C J o
Some related occupations classied elsewhere:	) F S C B M J T U o
# P O [ F o	7 J M M B H F I F B M F S o
* N B N o	8 J U D I E P D U P S o

Minor Group 342  
**Sports and Fitness Workers**

4 Q P S U T B O E m U O F T T X P S L F S T Q S F W B S B T G B B S B B B B D O B D P D N J O B F W J F H B O O T  
 B N B U F V S B O E Q S P G F T T J P O B M T Q P S U T B N O F D O F B Q I S P X N P P N U F F O Q L B P S U F J C D I B  
 Q B U J P O B O E T U B O E B S E T J O T Q P S B O U P T S H B O E J [ O S P O W E J E F F D O B T W I S V T D  
 U S B J O J O H B O E T V Q F S W J T J P O G P S S W W B S S F J P U J T P O E P N N E T D P G W B M F S  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M Q V E F U J O B I S B W D F J O C U B T U J O R O E O V D U  
 T Q P S U T U S B J O J O H U P E F W F M P Q J B O P M Q U M J J O H B S O V E M I E O P X M O F  
 U I F D P O E V D U P G T Q P S U J O H D P N Q F U T J U P G O T I F B T O E F W P F O W S T P M O M B  
 P S H B O J [ J O H B O E D P O E V D U J O H Q S B H O J D H T F U T O F F O T Q S E P F H S B M I A N C E J O  
 M J W F S J O H H S P V Q F Y F S D J T F D M U B Z T P F G T r B O E F O F S B T P O B M J W J V F T U J P  
 T Q P S U T B O E T Q P S U T T L J M M T E F W F P M P O N G F O P V O P W F S F P Q J M O H J O F  
 O D D V O B U J P O T J O U I J T N J O P S H S P H V Q O B S U F H S P B V T O T T J m F E J O U P U I F

- 3421 Athletes and Sports Players**
- 3422 Sports Coaches, Instructors and Officials**
- 3423 Fitness and Recreation Instructors and Programme Leaders**

Unit Group 3421  
**Athletes and Sports Players**

	Bicycle racer
	# P Y F S
	Chess player
" U I M F U F T B O E T Q P S U - Q M B	Z o t S a l l e r Q B S U J D J Q B U F J O D P N
Q F U J U J W F T Q P S U J O H F W F O U T	5 P I M Z G B S B J O B O E D P N Q F U F
F J U I F S J O E J W J E V B M M Z P S B T	H o c k e y p l a y e r B U F B N J O U I F J S
chosen sport.	Jockey
5 B T L T J O D M V E F o	Poker player
B Q B S U J D J Q B U J O H J O D P N Q	F 3 U B J U J O W F E T S Q M S F U S J O H F W F O U T
(b) participating in regular practice and training	Skier
T F T T J P O T B O E V O E F S U B L J O H	5 C O O W T B O M B I Z F S J O J O H U P
N B J O U B J O U I F S F R V J S F E T U	M o n t e r s P G m U O F T T B O E
T L J M M	
D V O E F S U B L J O H T Q P S U T Q S P N P U J P O B M	B D U J W J U J F T
B O E N F E J B J O U F S W J F X T	Unit Group 3422
E N B J O U B J O J O H B I J H I E	S p o r t s C o a c h e s , I n s t r u c t o r s a n d O f f i c i a l s J O B
Q B S U J D V M B S T Q P S U	
(e) deciding on strategies in consultation with	Sports coaches, instructors and officials work
D P B D I F T	with amateur and professional sportspersons
(f) assessing other competitors and conditions to	enhance performance and encourage greater
W F O V F T	participation in sport, and organize and o ciate
H D P N Q F U J O H J O T Q P S U J O H T Q P S U J O H	F W F O U T B D D P S E J O H U P
(h) adhering to the rules and regulations associ-	ated with a speci c sport.
	(a) identifying strengths and weaknesses of ath-
	M F U F T P S U F B N T
Examples of the occupations classied here:	C Q M B O O J O H E F W F M P Q J O H B O E
" U I M F U F	U S B J O J O H B O E Q S B D U J D F T F T T J P

D EFWFMPOJ OH QMBOOJ On Group 342  
 QFUJUUJWF TDIFEVMFT B Fitness and Recreation Instructors  
 E NPUJWBUJOH BOE QSF and Programme Leaders  
 G P S D P N Q F U J U J W F F W F O U T P S H B N F T  
 F G P S N V M B U J O H D P N Q F U B i t h e s a y a n d t e s t a t i e r H i z t r u c t o m s f a m o p o r o H  
 game plans and directing athletes and programme leaders lead, guide and instruct groups  
 E V S J O H H B N F T P S B U I M F B U J E D J F O M E J O M U T E V B M T J O S F D S F B U J P O  
 G B O B M Z T J O H B O E F W B M E V P P U S J O H W F L O I U M F S U F F B D U P J S W W F B N F T  
 performances and modifying training pro- 5 B T L T J O D M V E F o  
 H S B N N F T (a) planning and carrying out recreational and  
 H N P O J U P S J O H B O E B O B M Z T J O H O U F T D I B D I R V W J B O E T O F S  
 formance, and determining how future ir (b) monitoring recreational, sports or fitness  
 Q S P W F N F O U T D B O C F N B E B D U J W J U J F T U P F O T V S F T B G F U Z B O  
 I P D J B U J O H B U T Q P S U J O H F W O D U T P S S m S U U M B W E J D B T P J N T U B O D F X  
 competitions to maintain standards of play and D F W B M V B U J O H B O E N P O J U P S J  
 to ensure that game rules and safety regula- B O E m U O F T T B O E S F D P N N F O E J O H B  
 U J P O T B S F P C T F S W F E E E F N P O T U S B U J O H B O E U F B D I J O H  
 (i) recording lapsed time and keeping score ments, concepts and skills used in fitness  
 E V S J O H F W F O U T P S D P N Q F U S J P U J O T F T B O E S F D S F B U J P O B M B D  
 (j) judging the performance of competitors F J O T U S V D U J O H J O U I F V T F P G F R V  
 awarding points, imposing penalties for in- G F Y Q M B J O J O H B O E F O G P S D J O H T  
 G S B D U J P O T B O E E F U F S N J O J r o l e s a n d r e g u l a t i o n s .  
 (k) compiling scores and other athletic records.

Examples of the occupations classi ed here:

- Referee
- Ski instructor
- Sports coach
- Sports o cial
- Swimming instructor

Examples of the occupations classi ed here:

- " F S P C J D T J O T U S V D U P S
- Fitness instructor
- Horse riding instructor
- O V U E P P S B E W F O U V S F H V J E F
- Personal trainer
- Sailing instructor
- 6 O E F S X B U F S E J W J O H J O T U S V D U P S

Some related occupations classi ed elsewhere:

- ' J U O F T T J O T U S V D U P S o
- ) P S T F S J E J O H J O T U S V D U P S 4
- 4 X J N N J O H J O T U S V D U P S o

- Some related occupations classi ed elsewhere:
- o J O T U S V D U P S o
- o
- o

Minor Group 343  
**Artistic, Cultural and Culinary Associate Professionals**

" S U J T U J D D V M U V S B M B O E D V M J O B S Z B B U J T W P F D J T L U I M N S P B G E T U I P O  
 B O E D V M U V S B M L O P X M F E H F J O U B L E G H J B O E B Q S P E D F D T P T S J B O U H I P T O  
 U I F B U S F T F U T T I P Q E J T Q M B Z T B U O E P Q I P G J O K S D R S T G P C S I E P J N T Q T M B O  
 U F O B O D F P G M J C S B S Z B O E H B M W F S Z H D T Z M U M F N D U J B O S F B U S J P D O P S I G T N  
 B O E Q S F Q B S B U J P O B O E Q S F T F O U G B P U S J P T Q B P H G F G P M P E N B S R E W U F M F  
 Q S P E V D U J P O B O E J O P U I F S B S F B T P G B S U J T U J D B O E D V M U  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F S P Q I F S O F L P J O M I F T U F J W I M V O D B N F S  
 N B U F S J B M T Q S P E V D U T B O E P U I F S R V I V C K U P F D O S P I B V O D U M Z F O J H O S W J O  
 E F D P S B U J P O B O E T B M F T Q S P N P U J P G P S N E V D O Q M C H Z B O E T O S O Q O S J  
 B S S B O H J O H F Y I J C J U G V S O J T I J O H T E F E T J H O M B Z H D N B F T C V T B B O E E E P W O S I B F Z  
 U I F Q S F Q B S B U J P O P G G P P E B T T U I T F U J O B I H E O S F P Q U R S F B B S J E  
 N P U J P O Q J D U V S F U F M F W J T J P O P S D P N N F S D J B M Q S P E V D U J F  
 O D D V O B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

- 3431 Photographers**
- 3432 Interior Designers and Decorators**
- 3433 Gallery, Museum and Library Technicians**
- 3434 Chefs**
- 3435 Other Artistic and Cultural Associate Professionals**

Unit Group 3431

**Photographers**

Photographers operate still cameras to photograph and other subjects.

- (a) researching and analyzing spatial, functional and aesthetic requirements and decide on type of camera, film, lighting and background accessories to use
- (b) taking portrait photographs of persons and objects
- (c) formulating design concepts for the interiors
- (d) determining picture composition, and coordinating the construction and the decoration
- (e) operating scanners to transfer photographic images to computers
- (f) operating computers to manipulate photographic images

5 B T L T J O D M V E F o  
 B E F U F S N J O J O H U I F P C K F D U J W  
 of the design brief by consulting with clients  
 B O E T U B L F I P M E F S T  
 H S B Q I Q F P Q M F F W F O U T T (b) Researching and analyzing spatial, functional and  
 F D J F O D Z T B G F U Z B O E B F T U I F U J D  
 (c) formulating design concepts for the interiors  
 B U B L J O H Q I P U P H S B Q I T G P B G B C W J M S E J J O H O H P S P U I F S  
 commercial, industrial or scientific purposes  
 B O E Q M B O T U P D P N N V O J D B U F E F T J  
 and to illustrate stories and articles in newspapers  
 Q B Q F S T N B H B [ J O F T B O E (e) Preparing design solutions with clients, man-  
 (b) taking portrait photographs of persons and B H F N F O U T V Q Q M J F S T B O E D P O T U  
 H S P V Q T P G Q F S T P O T (f) selecting, specifying and recommending  
 D T U V E Z J O H S F R V J S F N F O U T functional and aesthetic materials, furniture  
 ment and decide on type of camera, film, B O E Q S P E V D U T G P S J O U F S J P S T  
 lighting and background accessories to use G P S D P O T U S V D U J P O  
 V T F E  
 (d) determining picture composition, and (d) coordinating the construction and the deco-  
 N B L J O H U F D I O J D B M B E K V T U S N F L O J U P T O U P P G F J R O U J Q S N J F O S U T  
 B O E Q I P U P H S B Q I T V C K F D U J E F T J H O J O H B O E Q B J O U J O H T U B  
 (e) operating scanners to transfer photographic (e) designing and decorating show windows and  
 J N B H F T U P D P N Q V U F S T other display areas to promote products and  
 (f) operating computers to manipulate photo- T F S W J D F T  
 H S B Q I J D J N B H F T  
 H B E B Q U J O H F Y J T U J O H Examples of the occupations classi ed here:  
 create new digitized images to be included % J T Q M B Z E F D P S B U P S  
 J O N V M U J N F E J B Q S P E V D U T Interior decorator  
 I V T J O H B J S C S V T I D P N Q V U F Set Designer U F D I O J R V F T  
 U P D S F B U F U I F E F T J S F E W J T V S B M F C H A N D I S E R  
 Window dresser

Examples of the occupations classi ed here:  
Commercial photographer  
Industrial photographer  
Photographer  
Photo journalist  
Portrait photographer  
Scientific photographer

Some related occupations classi ed elsewhere:  
\* O U F S J P S B S D I J U F D U o

Unit Group 3432  
**Interior Designers and Decorators**

Interior designers and decorators plan and design commercial, industrial, public, retail and residential buildings tailored to a purpose, taking into consideration the needs of the client.

Unit Group 3433  
**Gallery, Museum and Library Technicians**

Interior designers and decorators plan and design commercial, industrial, public, retail and residential buildings tailored to a purpose, taking into consideration the needs of the client.

(c) assisting in setting up lighting and display  
 F R V J Q N F O U  
 E S F D F J W J O H T I J Q Q J O H Q B D L J  
 F Y I J C J U T  
 (e) ordering new library materials and main-  
 U J B M C V J M E J O H J O U F S J P S T taining library decor and circulation systems  
 tailored to a purpose, taking into consideration U F N T  
 G B D U P S T U I B U F O I B O D F M J W G O H D B O B M P S M J O H H F O S W O S I F O B O E S F D  
 N F O U T B O E T B M F T Q S P N P U J (g) Creating digital picture databases and editing  
 participate in their construction and decoration. D P N Q V U F S S F D P S E T

I P Q F S B U J O H B V E J P W J T E X A M P L E S O F T H E O C C U P A T I O N S C L A S S E D H E R E  
 F R V J Q N F O U C h e f  
 J T F B S D I J O H B O E W F S J G Z J O H & Y C F J D C M U J J W H F S B O F G D E B U B  
 H e a d c h e f  
 E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e : P a s t r y c h e f  
 ( B M M F S Z U F D I O J D J B O S a u c i e r  
 L i b r a r y t e c h n i c i a n S o u s - c h e f  
 . V T F V N U F D I O J D J B O  
 5 B Y J E F S N J T U

Some related occupations classified elsewhere:  
 \$ P P L o  
 ' B T U G P P E Q S F Q B S F S o

Unit Group 3434

**Chefs**

Unit Group 3435

\$ I F G T E F T J H O N F O V T D S F B U F E F T I F T D O F D W F E S T F F U I F  
 O t h e r A r t i s t i c a n d C u l t u r a l A s s o c i a t e  
 p l a n n i n g , o r g a n i z a t i o n , p r e p a r a t i o n a n d c o o k i n g P r o f e s s i o n a l s  
 o f m e a l s i n h o t e l s , r e s t a u r a n t s a n d o t h e r e a t i n g

places, on board ships, on passenger trains and J O Q S J W B U F I P V T F I P M E T s o c i e t y p r o f e s s i o n a l s n o t c l a s s i e d e l s e w h e r e i n  
 5 B T L T J O D M V E F o J O P S ( S P V Q " S U J T U J D \$ V M U V S  
 B Q M B O O J O H B O E E F W F M B S Z O " H T S P D D B O F T 1 \$ P O C E F I N F J O V D B M T ' P S  
 e s t i m a t i n g f o o d a n d l a b o u r c o s t s , a n d w h o a s s i s t d i r e c t o r s o r a c t o r s w i t h s t a g i n g o f t h e -  
 E F S J O H G P P E T V Q Q M J F T B U S J D B M N P U J P O Q J D U V S F U F M F W  
 C N P O J U P S J O H R V B M J U p r o d u c t i o n s a r e c l a s s i e d h e r e B M M T U B H F T P G  
 Q S F Q B S B U J P O B O E Q S F T F O U B U J P O

- (c) discussing food preparation issues with kitchen staff  
 B H F S T E J F U J D J B O T B O E L J U D B Y O a r B S O E X B J U J O H T U B  
 E T V Q F S W J T J O H B O E D P P S E F l o o r m a n a g e r ( b r o a d c a s t i n g ) J W J U J F T  
 o f c o o k s a n d o t h e r w o r k e r s e n g a g e d i n f o o d L i g h t i n g t e c h n i c i a n  
 Q S F Q B S B U J P O P r o g r a m m e c o o r d i n a t o r ( b r o a d c a s t i n g )  
 F J O T Q F D U J O H T V Q Q M J F T P r o p e r t y m a s t e r ( b r o a d c a s t i n g )  
 a r e a s t o e n s u r e c o n f o r m i t y w i t h e s t a b l i s h e d T U B O E B S E T 4 D S J Q U H J S M C P Z
- (f) determining how food should be presented, BOE D S F B U J O H E F D P S B U J W F S t a g e m a n a g e r T Q M B Z T 4 Q F D J B M F F D U T U F D I O J D J B O
- (g) instructing cooks and other workers in the preparation, cooking, garnishing and presentation of food  
 F O U B U J P O P G G P P E S t a g e t e c h n i c i a n  
 S t u n t a r t i s t  
 S t u n t c o o r d i n a t o r
- (h) participating in the recruitment of kitchen staff  
 T U B B O E N P O J U P S J O H U I F J S I F B U S J D B M E S F T T F S  
 5 B U U P P J T U
- (i) preparing, seasoning and cooking speciality dishes  
 G P P E T B O E D P N Q M F Y E J T I F T W a l k e r - o n  
 K F Y Q M B J O J O H B O E F O G P S D J O H I Z H J F O F B O E G P P E

safety regulations.



Sub-ma-or Group 35

Information and Communications Technicians

\* O G P S N B U J P O B O E D P N N V O J D B U J P O I C F T E B Z D U I P D J E B Z B S V T O Q S P H W  
of computer systems, communications systems and networks, and perform technical tasks  
related to telecommunications, broadcast image and sound as well as other types of telecom-  
munications signals on land, sea or in aircraft. Competent performance in most occupations  
J O U I J T T V C N B K P S H S P V Q S F R V M \$ W T F M L J M M T B U U I F U I J S E  
5 B T L T Q F S G P S N F E C Z X P S L F S T J V O E F U I J O T S P W O E N B K I P S T H S P V  
UP JOGPSNBUIJPO BOE DPNNVOJD BQUSJPHOSTB NTZ TBUOFEN FRVJQNHFOU  
FTUBCMJTIOH PQFSBUJOH BOE N B P O N U N B J O O J J D O B H U J O P F O U T X F S I I U F O I E  
J O T U B M M J O H N P O J U P S J O H B O E T T M U Q F C P B S J X H C \* T O F U S F V S O S F U I B B S C E I  
P S T P G U X B S F N P E J G Z J O H X F C Q B H F V T Q B B O E Q S F I S O P W N F S Q H P O F C S B T U F S P  
D P O U S P M M J O H F R V J Q N F O U U P S F D F E S E P T V P O V E O I S F D O P E S E F J E O H T B O D E P O W Y  
ling and maintaining transmitting and broadcast systems and satellite systems for radio and  
U F M F W J T J P O Q S P H S B N N F T D P O U S P D V B N J J O I T B T O Z E T U N F B N J T O U T B B I W F J O  
T F S W J D F T B O E N V M U J Q M F Y T Z T W B N J O P H O U M B I C O E J D B M B B P T S T J J T O J E B C  
O F D U F E X J U I S F T F B S D I B O E E F W F V M F D O E N F O J J P B G U J D P P O N T Q F R V F S Q  
N F O U P S U F T U J O H Q S P U P U Z Q F T P G F D J J S H D O V J J Q I S Z B B E D O S E F O C B H S J U  
T Q F D J m D B U J P O T H J W F O Q S P W J V E G B D H U W S F F D I O U D N M I B T U V E O S W M  
tenance and repair of telecommunications systems.

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H U S O P H V Q N J B O S P F S D H M S P T V T Q J T m F E J O U

- 351 Information and Communications Technology Operations and User Support Technicians**
- 352 Telecommunications and Broadcasting Technicians**

Minor Group 351

Information and Communications Technology Operations and User Support Technicians

\* O G P S N B U J P O U F D I O P M P H Z P Q F S B U J S P P O M J B I O E T W O T O B S T U V Q O S S W I F U F E  
UP EBZ SVOOJOH PG DPNNVOJDB UOJFPUOXTP STLZTT UBNIE QSPVM QEVFU  
technical assistance to users.

5 B T L T Q F S G P S N F E V T V B M M Z J O D O M I V S E B M P B C O F E S E S U F J M O B H U I B E O E D P D N P  
FRVJQNFOU NPOJUPSJOH TZTUFNTOG QSF SFRVSN B B O O D U F G B M I M B E S F O F  
S J Q I F S B M F R V J Q N F O U T V D I B T Q S J O Q F S B U J X O J H I S T V F O M F D R U S F E P W B S  
M P B E J O H P G Q F S J Q I F S B M F R V J Q N F S O T U B O T Q I F S J J O I H S V B T M S F R O R Q N  
S F H B S E J O H T P G U X B S F P S I B S E X B S O T P U Q B F N B M U J J O P O B O E S F O T I P S M G A P S  
N J O P S S F Q B J S T U P I B S E X B S F T P Q M X B S F O P I S E O F S H I O I P S S B M O F R B M  
T Q F D J m D B U J P O T P W F S T F F J O H U U F O E H B V M Z F R V F S O G N P F S O N U B O D S P Q T V  
use and performing or ensuring proper installation of cables, operating systems or appropriate  
T P G U X B S F F T U B C M J T I O H P Q F S B U J I O F S B O E B N B P O N U N B J O O J J D O B H U J O P F O U  
T Z T U F N T J O T U B M M J O H N P O J U P B S O J E O H V T E B C E I M T M U Q Z Q P S U \* J O U H F S J O F  
\* O U S B O F U X F C T J U F T P S X F C T F S W X F S C I B S B H X F B S F O I P S G T P P S G N W X O B H S F  
T F S W F S C B D L V Q B O E S F D P W F S Z P Q F S B U J P O T

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V O S U F H D S P B V T O T T J m F E J O U P U I F

- 3511 Information and Communications Technology Operations Technicians**
- 3512 Information and Communications Technology User Support Technicians**
- 3513 Computer Network and Systems Technicians**
- 3514 Web Technicians**

Unit Group 3511

Information and Communications Technology  
Operations Technicians

networks, databases and the Internet, and pro-  
W J E J O H H V J E B O D F B O E T V Q Q P S U J O  
installation and maintenance of systems.

Information and communications technology B  
operations technicians support the day-to-day PS  
processing, operation and monitoring of infor- C  
mation and communications technology systems, G V O D U J P O J O H U P W F S J G Z D P S S F D U  
peripherals, hardware, software and related com- E F U F D U F S S P S T  
Q V U F S F R V J Q N F O U U P F O T V ( S )

5 B T L T J O D M V E F o  
B O T X F S J O H V T F S J O R V J S J F T S F H  
P S I B S E X B S F P Q F S B U J P O U P S F T P  
F O U F S J O H D P N N B O E T B O E P C T F  
U P W F S J G Z D P S S F D U  
F S S P S T  
I B S E X B S F T P G U X B S F P S Q F S J Q I F S B

and identify any problems.

following design or installation specifica-

(a) operating and controlling peripheral and re-

U J P O T

(b) entering commands, using computer termi-

O J D B U J P O T B O E D P N Q V U F S T Z T U F N

performing or conducting proper installation  
of cables, operating systems or appropriate

O B M T B O E B D U J W B U J O H D P O T U F S U P U M J O H P O V O P N R O W J U O F S F O U G P S  
B O E Q F S J Q I F S B M F R V J Q N F  
P Q F S B U F F R V J Q N F O U  
D N P O J U P S J O H T Z T U F N T G P S P G R U X B S N F O U G B J M V S F P S

(c) maintaining records of daily data communi-

(f) maintaining records of daily data communi-

(d) responding to program error messages (by

emulating or reproducing technical problems

ending and correcting problems, escalating

consulting user guides, technical manuals

(e) reading job set-up instructions to determine

and other documents to research and imple-

such as disks and paper to be loaded, and to

Examples of the occupations classi ed here:

output as needed, and sending data to spe-

Computer operator

Examples of the occupations classi ed here:

Computer network and systems technicians es-

Examples of the occupations classi ed here:

Computer network and systems technicians es-

Examples of the occupations classi ed here:

Computer network and systems technicians es-

Examples of the occupations classi ed here:

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Examples of the occupations classi ed here:

Computer network and systems technicians es-

Examples of the occupations classi ed here:

Computer network and systems technicians es-

Examples of the occupations classi ed here:

Computer network and systems technicians es-

(f) performing start up and close down as well as for computer networks. E F W F M P Q J O H B O E N B J O U B J O J O B T C B D L V Q B O E E J T B T U F S

Examples of the occupations classified here: Computer network technician Network support technician

(d) analysing and making recommendations to enhance performance, including upgrading operations. N P O J U P S J O H T F D V S J U Z N F B T V S F T B O E B D R V J S J O H O F X T Z T U F N T F M J B J T J O H X J U I B O E - Q S P W J E J O H / F U X P S L B E N J O J T U S B U P S o F O U T B O E V T F S T G D S F B U J O H B O E N P E J G Z J O H X F C \$ P N Q V U F S P Q F S B U P S o H Q F S G P S N J O H X F C T F S W F S C B D I 8 F C U F D I O J D J B O o

Some related occupations classified elsewhere: /FUXPSL BENJOJTUSBUPS /FUXPSL BOBMZTU o \$PNQVUFS PQFSBUPS o 8FC UFDIOJDBO o

Examples of the occupations classified here: Webmaster Website administrator Website technician

Unit Group 3514 Web Technicians

Web technicians maintain, monitor and support the optimal functioning of Internet and Intranet (a) installing, monitoring and supporting the reliability and usability of Internet and Intranet

Some related occupations classified elsewhere: \$PNQVUFS HBNFT EFTJHOFSo B S F C X B S F B P O T E J H P G S U X B S F 4 Z T U F N T B O B M Z T U D P N Q V U F S T o \$PNQVUFS TPGUXBSF EFTJHOFSo 8FCTJUF EFWFMPQFS o \$PNQVUFS W F S S T Z B U S F E N J O S J T U S B U P /FUXPSL BENJOJTUSBUPS o

Minor Group 352 Telecommunications and Broadcasting Technicians

images and sounds, as well as other types of telecommunication signals on land, sea or in air and with the design, manufacture, assembly, construction, operation, maintenance and repair of telecommunications systems.

utilization, maintenance and repair of telecommunications systems.

- 3521 Broadcasting and Audiovisual Technicians
3522 Telecommunications Engineering Technicians

Unit Group 3521

Unit Group 3522

Broadcasting and Audiovisual Technicians

Telecommunications Engineering Technicians

# S P B E D B T U J O H B O E B V E J S P W J U F T D P B N M V L O F J D I B O U J J P D B T O F O B I P O F F S J O
USPM UFDIOJDBM GVODUJP Operator, technician, and craftsman for the construction, operation, maintenance and repair of telecommunication systems.
and edit images and sound and for transmitting communications engineering research, as well as with
SBEJP BOE UFMFWJTJPO Camera operator, technician, and craftsman for the construction, operation, maintenance and repair of telecommunication signals on land, sea or in aircraft.
communications systems.

5BTLT JODMVEF o 5BTLT JODMVEF o
B DPOUSPMMJOH FRVJQNBOUQSPWSJFEDJPOSHE UPDDEJDBM BTTJT
C DPOUSPMMJOH FRVJQNFOXJUP ISEJTUFBSGDIJBYOJENBUHIF EFWF
and sound recordings to ensure satisfac- FDPNNVOJDBUJJPOT FRVJQNFOU PS
UPSZ RVBMJUZ BOE UP D S U F B U Z F Q F T Q F D J B M J N B H F B O E
TPVOE F FDUT (b) studying technical material such as blue-

(c) applying knowledge of principles and prac- prints and sketches to determine the method
tices of image and sound recording and ed- PG XPSL UP CF BEPQUFE
JUJOH JO PSEFS UP JEFOUJGZ SFOCEBSPMHWFEFOUSPJCMMFFENFTTUJNB

(d) controlling transmitting and broadcast sys- BOE DPTUT PG NBUFSJBM T BOE
tems and satellite systems for radio and tel- FDPNNVOJDBUJJPOT FRVJQNFOU
FWJTJPO QSPHSBNNFT

(e) controlling radio communications systems, UIF TQFDJmDBUJJPOT HJWFO
TBUFM MJUF TFSWJDFT BOE NQSMWJQMFHY UFEZTILDFJNDTBMPTVQFSWJ
MBOE TFB PS JO BJSDSBG

(f) applying knowledge of principles and prac- of telecommunications systems to ensure sat-
tices of broadcasting, telecommunications isfactory performance and compliance with
terminals and transmissions systems in order TQFDJmDBUJJPOT BOE SFHVMBUJJPOT
UP JEFOUJGZ BOE TPMWF (e) Applying technical knowledge of telecom-
H NBLJOH FNFSHFODZ SFO Communications engineering principles and prac-
UJDFT JO PSEFS UP JEFOUJGZ B

Examples of the occupations classi ed here:

- "VEJPWJTVBM PQFSBUPS
#SPBEDBTUJOH FRVJQNFBroadcasting technician
Camera operator (motion picture)
\$BNFSB PQFSBUPS WJEFPProduction assistant (media)

Examples of the occupations classi ed here:

- Engineering technician
(telecommunications)

Some related occupations classi ed elsewhere:

&OHJOFFSJOH UFDIOJDBO FMFD

Some related occupations classi ed elsewhere:

1IPUPHSBQIFS o

\$PNQVUFS IBSEXBSF JOTUBMMFS o
5FMFDPNNOJDBUJJPOT FRVJQNFOU
o
5FMFQIPOF JOTUBMMFS o



Ma~or Group 4

**CLERICAL SUPPORT WORKERS**

\$ M F S J D B M T V Q Q P S U X P S L F S T S F D U P S S J E W P S J H O B G P S [ N F B U J T R J P S B O E D  
G P S N B O V N C F S P G D M F S J D B M E V U J J T P Q F S B O P O U J P L O S B X W F M  
S B O H F N F O U T S F R V F T U T G P S J O G P S N B J U J P F O S G B O N B B O O P J J O U N N F R  
P D D V Q B U J P O T J O U I J T N B K P S H S P H V O T V B C S F N B K M P S T F H S R F D T J O U P U I F  
5 B T L T Q F S G P S N F E C Z D M F S J D B M F V O P H P S B L O I X Z P S U F Z S O T J O H V B B M O V E Z F  
B U J O H X P S E Q S P D F T T P S T B O E P U I F S P P D D P F N Q B D F J S O T F T D B O S E S O H  
T F D S F U B S J B M E V U J J T S F D P S E J O H O B J O H D S F N O S E T O S H N B N F O H D B M T E  
Q S P E V D U J P O B O E U S B O T Q P S U L B F O C E J G H S F S J H D P S E S B S F T M B S W  
S Z J O H P V U D M F S J D B M E V U J J T J O H M P J V C S B E S V J F J F T m J N J D P I O E F D W J N P O  
N B J M T F S W J D F T Q S F Q B S J O H B O E T D T E D D H O E F N S E P P O S T J B X M P G O P S O O P J U  
P S X S J U F X J U I D P S S F T Q P O E F O D F Q O S G P E S F N B J M J H O H P X O J F U Z I I U B S C B E W F J  
S B O H F N F O U T T V Q Q M Z J O H J O G P S N B U H F B O O S F J R O U F N E U O E T C Z P Q M S J E F U J  
B U F M F Q I P O F T X J U D I C P B S E 4 V Q F S D W J V E P I O P G P U I F S X P S L F S T  
O D D V Q B U J P O T J O U I J T N B K P S H S P H V O T V B C S F N B K M P S T F H S R F D T J O U P U I F

- 41 General and Keyboard Clerks
- 42 Customer Services Clerks
- 43 Numerical and Material Recording Clerks
- 44 Other Clerical Support Workers

Sub-ma-or Group 41

General and Keyboard Clerks

( F O F S B M B O E L F Z C P B S E D M F S L T S F F D D S E P S N P S U H B P O J [ F O E T W F S F G P B S O
X J E F S B O H F P G D M F S J D B M B O E U B E C M J O T J I F E S O S I B W F F E V S B T T L T \$ P D N
U F O U Q F S G P S N B O D F J O N P T U P D R W J O S E F U J F O J M J M O T U B I U T U T W C T
\* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J O M E F T S V O P N S E K J O S H H O S V O B V S T J V
T P S U J O H D M B T T J G Z J O H B O E m E M T J F O C H E J J O C H G N S N N U J O P S O F Q E T P J S O U
Q P S U T B O E D P S S F T Q P O E F O D F P G B G B P V O H O I E P O B W V S F U T Q I P O P S E P L O
Q F S T P O B M D P N Q V U F S T X P S E Q S O D V U T B P O S E T Q P S S P U J F Z T O T F X U S F J Y W U
E B U B Q S P P G S F B E J O H B O E D P S S F D D U I F O H L J O P H Q Z H H O S I F Q B S J O H J O W

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V O N J B O S P F S D H M S P T V T J T m F E J O U

- 411 General Office Clerks
- 412 Secretaries (general)
- 413 Keyboard Operators

Minor Group 411

General Office Clerks

( F O F S B M P D F D M F S L T Q F S G P S N B J S B O U H E T I P T G E D D M D P P S S J E D J E D N I B O E F E
lished procedures.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E M F B T S F J D G P Z S J E O J H O H B O E S F r o m B \$ O C
N B U J P O T P S U J O H P Q F O J O H B O E O T H F O P D O N F O B T J M Q S E I O P B U S P J O
S F Q P S U T B O E D P S S F T Q P O E F O D F P G P B G S P R V J O I N F O C B W V L S F T S J F B D P
T Q P O E J O H U P U F M F Q I P O F P S F M B F O C U S S P P O C S J I B U J F O R V S S P O T T P S I F G D P L
m H V S F T Q S F Q B S J O H J O W P J D F T B O O B D S J F J P O S E N O B E F E F U J S B B J O M T D S P
information onto computers, and proofreading and correcting copy.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V O V O S U F H S M P B / T O T J m F E J O U P U I F

4110 General Office Clerks

Unit Group 4110

General Office Clerks

(h) transcribing information onto computers, and proofreading and correcting copy.

( F O F S B M P D F D M F S L T Q F S G P S N B J S B O U H E T I P T G E D D M D P P S S J E D J E D N I B O E F E
BOE BENJOJTUSBUJWF UBTLLT ( BO D F S B S M E J P O H F U D P M I F S U B C
lished procedures. Office clerk

- 5 B T L T J O D M V E F o
- (a) recording, preparing, sorting, classifying and Note  
m M J O H J O G P S N B U J P O U B U P G X P S L F S T D M B T T J m F E J O 6 O J U ( S P V
- C T P S U J O H P Q F O J O H B O E T F O E J O H N B J M (general), it should be noted that the work of secretaries
- D Q I P U P D P Q Z J O H B O E G B Y J O H E P D V I N E O U L is primarily concerned with the transcription, formatting
- (d) preparing reports and correspondence of a and processing of correspondence and other documen-  
S P V U J O F O B U V S F tation. Whilst general office clerks may perform some
- F S F D P S E J O H J T T V F P G F O R M T H E N A F U O U T A P T U B work of the nature of the transcription and processing of
- (f) responding to telephone or electronic documentation is not the main focus of the work.  
R V J S J F T P S G P S X B S E J O H U P B Q Q S P O S J B U F Q F S T P O
- H D I F D L J O H G J H V S F T Q S F Q B S J O H J O W P J D F T B O E
- recording details of financial transactions
- N B E F

Minor Group 412

**Secretaries (general)**

4 F D S F U B S J F T H F O F S B M V T F U Z Q F S X J P U S F E S Q S R D F I S T P J O O B H M F I R N Q N  
to transcribe correspondence and other documents, check and format documents prepared by  
P U I F S T U B E F B M X J U I J O D P N J O H U B F O G P P S V U N H F P F J O H O N B J M S B D S O  
N F O U T B O E Q F S G P S N B W B S J F U Z P G B E N J O J T U S B U J W F T V Q  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F U P F C O U S F P S D J O T H E J B O U G B P S N O E U D  
utes and reports from dictation, electronic documents or written drafts to conform to office  
T U B O E B S E T V T J O H U Z Q F X S J U F S T Q S P D F F O B O M F R N Q Q N F O U P S T J  
W B S J P V T D P N Q V U F S T P G U X B S F Q B D L S E P W F J E F J B D N M A O E J T O U S B T U O S V F B E T  
Q P S U E F B M J O H X J U I J O D P N J O H P O S H P B O W E H E J O T H S N C V M J O H D B B O M O H  
T Q P O E F O D F B O E P U I F S E P D V N F O U T P S T B S Q P O O D N F S O F R T V B T O U E T I G R I S Q N C  
P S H B O J [ F N F F U J O H T T D S F F O J O H B O E S P F D I P S E J O H J T U M B F N N O N G F S F  
J [ J O H B O E T V Q F S W J T J O H m M J O H T Q P T O L E F N D F E P F C B M U F O J S R X O I J S O P J U U E  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T J m F E J O U P U I F

**4120 Secretaries (general)**

Unit Group 4120

**Secretaries (general)**

Secretaries (general) use typewriters, personal computers, and other word processing equipment to transcribe correspondence and other documents, check and format documents prepared by dictation, electronic documents or written drafts to conform to office standards, using typewriter, personal computer or other word processing equipment. Some related occupations classified elsewhere: (d) scanning, recording and distributing mail, DPSSFTQPOEFODF BOE PUIFS EPD TDSFFOJOH SFRVFTUT GPS NFFUJ DPNQVUFST PS PUIFS XPSE QNFDTTBOH FRMOQNFOWP PSHBOJ[F TDSFFOJOH BOE SFDPSEJOH TUB CZ PUIFS TUB EFBM XJUJH JODMVEFUF CUBUJWF NBJM TDSFFO SFRVFTUT (e) dealing with routine correspondence by their support tasks.

- 5 B T L T J O D M V E F o Examples of the occupations classified here: (a) checking, formatting and transcribing correspondence, minutes and reports from dictation, electronic documents or written drafts to conform to office standards, using typewriter, personal computer or other word processing equipment. Secretary 5 Z Q J O H T F D S F U B S Z Word processing secretary D F T T J O H F R V J Q N F O U - F H B M T F D S F U B S Z o C V T J O H W B S J P V T D P N Q V U F S E T P G U X B S B U Q W F L F H S F U B S Z o J O D M V E J O H T Q S F B E T I F F U T U & P Y Q S P U W W E F B T E N J O B T O U o U S B U J W F T V Q Q P S U . F E J D B M T F D S F U B S Z o

Minor Group 413

**Keyboard Operators**

, F Z C P B S E P Q F S B U P S T J O Q V U B O E C F S E P I D F B D E U H Y F W F B S O B U F E B E U P  
ments for storage, processing, publication and transmission.  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F U P F C O U S F P S D J O T H E J B O U G B P S N O E U D  
S F U S J F W J O H D P O m S N J O H B O E V Q S B D P O E I T E B G B E B I O B T U P S B H F W B B  
S F D P S E T P G Q S P D F F E J O H T J O S B V Q Q N F O U P S O E B O I E P S W T I B O E I  
X S J U J O H N B D I J O F T U S B O T D S J C J O H E J E O G E P S N O B U P P W O E S I S D P S I S E E O J  
F R V J Q N F O U B O E Q S P P G S F B E J O H F B D O E P I D F P O S S X P S E J J O F H O W D J P S O P Z O  
N F O U B M T P V O E T B O E T P O H M Z S J D T T J B O T Q S B O W S B O N J O F H S D J O F N B  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T J m F E J O U P U I F

**4131 Typists and Word Processing Operators**

**4132 Data Entry Clerks**



Unit Group 4131

Unit Group 4132

**Typists and Word Processing Operators**

**Data Entry Clerks**

5ZQJTUT BOE XPSE QSPDFTT% BUHB FOFUSZ UPPMT 5IFZ FOF  
BOE QSJOU UFYU VTJOH -UZ BOKSBUFFST ONSSPDBM DPUNB JOUP F  
puters or other word processors, and record  
or written matter in shorthand.

ment, computerized databases, spreadsheets or  
other data repositories using a keyboard, mouse,  
optical scanner, speech recognition software or

5BTLT JODMVEF o  
(a) typing written material from rough drafts  
DPSSFDFUFE DPQJFT -W DJIBOJIBM PSCEJ OMTFDSPO-UDSEFWJDFT  
hand using a computer, word processor or

mathematical calculations.  
5BTLT JODMVEF o

(b) checking completed work for proper spelling  
HSBNNBS QVODUVBUJPO BOPSEFSBOEUPJDIHS EPDVNFOUT GPS E

B SFDFJWJOH BOE SFHJTUFSSJOH

(c) gathering and arranging the material to be  
UZQFE GPMMPXJOH JOTU

Source material into computer-compatible

(d) ling and storing completed documents on  
DPNQVUFS IBSE ESJWF PSD EJWESJESZJNBBDVSDZH BOE DPNQ  
B DPNQVUFS m MJOH TZTU BND EU D PTSUSPFSDFUJ OFHUSOFUW\$FPESEBUB  
VQEBUF EPDVNFOUT

(d) operating bookkeeping and calculating ma-

(e) taking dictation and recording other matter  
JO TIPSUIBOE

F JNQPSUJOH BOE FYQ-PSUJOH EBU

G SFQSPEVDJOH UIF TQPLF  
sounds and song lyrics as captions for cinema

Examples of the occupations classied here:

(g) transcribing information recorded in short-  
IBOE BOE PO TPVOE SFDPSEJ% BIUBRVJONFUDMFSL

Payment entry clerk

Examples of the occupations classied here:

- Shorthand typist
- Stenographer
- 5ZQJTU
- Word processor

Some related occupations classied elsewhere:

- \$PVSU SFQPSUFS o
- .FEJDBM USBOTDSJQUJPOJTU o

Sub-major Group 42  
**Customer Services Clerks**

\$ V T U P N F S T F S W J D F T D M F S L T E P B M Z X B O E M D J M H F D O F S B O J P D O  
U S B W F M B S S B O H F N F O U T S F R V F T U T O G P T S J P O G F P S S B U B J O P I O U F N B E O  
T X J U D I C P B S E T B O E J O U F S W J F X D B H J R G P T S G T P V S S W M Z H J E S M U P Z D  
W J D F T \$ P N Q F U F O U Q F S G P S N B O D F K B S H N S P T W Q P S D F R W Q S B U T J P Q J M M  
U I F T F D P O E \* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J O U E J F T T O V F S G N P B S K N P J S O H I S N P W Q F Z T  
handling operations in banks, post offices and betting and gambling establishments, or dealing  
X J U I U S B W F M B S S B O H F N F O U T T V Q J F M Z J O B I O E O N B S N B H J B O Q S P F J R O  
N F O U T P Q F S B U J O H U F M F Q I P O F T X W W D J I C P S B E T J O W H I S F W U J O H O B I O  
S F T Q P O E F O U T J O U F S W J F X J O H B Q Q M J D B O U T G P S T F S W J D F T

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T Q J T m F E J O U

**421 Tellers, Money Collectors and Related Clerks**

**422 Client Information Workers**

Minor Group 421

**Tellers, Money Collectors and Related Clerks**

5 F M M F S T N P O F Z D P M M F D U P S T B N O E O S I F M O B U S F E U D I M O F T S L J T O C F F T S U C B  
N F O U T S F M B U J O H U P C B O L J O H Q P Q U B X M J O D H S W O D F E F C C O F D B M O M H F I

5 B T L T Q F S G P S N F E V T V B M M Z J O D M P V S E F Q P E B B M J D C F H X O U D P O M O J F D U  
X J U I N P O F Z P Q F S B U J P O T P S Q P T U B M C T F F L S T W P D F S F T S V M E J T W B G H T O  
F W F O U T D P O E V D U J O H H B N C M J O H F T H E N Q P T J M F O E B S H P U I F S F Z F  
J U J F T D P M M F D U J O H E F C U T B O E P U I F S Q B Z N F O U T

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S P B V T O T T J m F E J O U P U I F

**4211 Bank Tellers and Related Clerks**

**4212 Bookmakers, Croupiers and Related Gaming Workers**

**4213 Pawnbrokers and Money-lenders**

**4214 Debt Collectors and Related Workers**

Unit Group 4211

**Bank Tellers and Related Clerks**

(f) making records of all transactions and reconciling them with cash balance.

Bank tellers and related clerks deal directly with clients of banks or post offices in connection with

Examples of the occupations classified here:  
Bank teller  
S F D F J W J O H D I B O H J O H B O E Q P Z O F Z H D R B O H N F S O F Z P S  
Q S P W J E J O H N B J M T F S W J D F T Post office counter clerk  
5 B T L T J O D M V E F o

(a) processing customer cash deposits and similar related occupations classified elsewhere:  
E S B X B M T D I F R V F T U S B O T G F S S B T T I J C S M O M T D S F E J U D B S E  
Q B Z N F O U T N P O F Z P S E F S T D F S U J m F E D I F R V F T  
B O E P U I F S S F M B U F E C B O L J O H U S B O T B D U J P O T  
C D S F E J U J O H B O E E F C J U J O H D M J F O U T B D D P V O U T

(c) paying bills and making money transfers Unit Group 4212

D M J F O U T C F I B M G **Bookmakers, Croupiers and Related Gaming Workers**  
E S F D F J W J O H N B J M T F M J O H Q P T U B H F T U B N Q T B O E  
conducting other post office counter business

such as bill payments, money transfers and bookmakers and croupiers and related gaming  
S F M B U F E C V T J O F T T X P S L F S T E F U F S N J O F P E E T B O E S F D

(e) changing money from one currency to another at a gambling office  
P U I F S B T S F R V F T U F E C Z D D V G A M E S  
conducting other post office counter business

5BTLT JODMVEF o E DPMMFDUJJOH MPBOT XIFO UIF QM  
 (a) determining risks to decide odds and to TVDDFTT PG GVUVSF IBSWFTU BOE  
 IFEHF PS SFGVTF CFUT VOEFSUBLJOHT  
 C QSFQBSJOH BOE JTTVJ OFH MFJFTQJTO HP B B D D P S S P E Y P G B J U F F N T S F D F  
 PEET EJTUSJCVUFE BOE SFDFJWFE

(c) distributing cards, rolling dice or spinning a  
 SPVMFUUF XIFFM Examples of the occupations classied here:  
 E FYQMBJOJOH BOE JOUFSO S F U J O H M F O E F S P O F S B U J O H S V M F T  
 PG B HBNMCMJOH FTUBCMJTIN P O U Pawnbroker

(e) announcing winning numbers, paying winners and collecting payments from losers.  
 Unit Group 4214

Examples of the occupations classied here: **Debt Collectors and Related Workers**

Bookmaker  
 Croupier  
 %FCU DPMMFDUPST BOE SFM BUFE XP  
 NFOUT PO PWFSEVF BDDPVOUT BOE C  
 collect charity payments.

Unit Group 4213

**Pawnbrokers and Money-lenders**

Pawnbrokers and money-lenders lend money DPMMFDU NPOFZ PS BSSBOHF GPS  
 against articles deposited as pledges, or against (c) preparing reports including amounts col-  
 property or other security. lected, and maintaining records and les re-

5BTLT JODMVEF o M BUFE UP DPMMFDUJJOH XPSL  
 B FWBMVBUJOH BSUJDMF (d) Recording by Legal Action for Disciplinary  
 M BUJOH JOUFSFTU BOE MFJPEO O P G N P S W Z D F X I F O Q B Z N F O U  
 JO UIF FWF O U P G O P O (e) Asking for and Collecting Charity Contributions F E

(b) returning articles when the loan is paid or, Examples of the occupations classied here:  
 BSUJDMFT Bill and account collector  
 Charity collector

(c) lending money as personal loans against suc-  
 DFTT PG GVUVSF IBSWFTU BOE P O F S P O F S B U J O H S V M F T  
 EFSUBLJOHT %FCU DPMMFDUPS

Minor Group 422

**Client Information Workers**

\$MJFOU JOGPSNBUJPO XPSLFST TOPSOP WCIZE FU FPM SF O I P L O F J O S J O M G  
 USPOJD NFBOT TVDI BT FNBJM BOO H D F P N O F O F U D T U J P E O T X \$ U C J N O B L  
 QSPEVDUT PS TFSWJDFT PG BOOPISHH B F O T J U J T B U B O P E O W J S T F H U J P T S U F S N I E  
 BQQPJOUNFOUT DPOOFDUJOH UFM B O P P O G S D P B M T W T S W O Z E \$ P T M O M O D E U  
 PS BQQMJDBOUT GPS TFSWJDFT

5BTLT QFSGPSNFE VTVBMMZ JODM O E F U S O B S V F Q N S B O E U R J U J O M S B S T J  
 UJPOT GPS DMJFOUT HSFFUJOHS BHOJET USIFSDJFOJMV BOHD FDMNJPFEOWUTJ PBOO E  
 QSPWJEJOH JOGPSNBUJPO DPODFSTO P O G H B O I F P S H P E O E J T B O B S W J D N F B T L  
 BQQPJOUNFOUT PQFSBUJOH B U F M F S O W P O F S F T K Q B O E G O B J S E B O I O U B F  
 plicants for eligibility.

ODDVQBUJPOT JO UIJT NJOPS HSPHV QV O B S U F H D \$ P B / T O T T J m F E J O U P U I F

- 4221 Travel Consultants and Clerks
- 4222 Contact Centre Information Clerks
- 4223 Telephone Switchboard Operators
- 4224 Hotel Receptionists
- 4225 Inquiry Clerks
- 4226 Receptionists (general)
- 4227 Survey and Market Research Interviewers
- 4229 Client Information Workers Not Elsewhere Classified

Unit Group 4221

Travel Consultants and Clerks

5SBWFM DPOTVMUBOUT BOE (a) dealing with consignment letters and messages  
BCPVU USBWFM EFTUJOBUIJPOTG BPSB D M F J U C S B W F M I J W J I O F S S B S P I F B O T  
PCUBJO USBWFM BOE BDDPN M P C E B M B P D O B S M T T F S M S B U B S V J D F P S T P S  
and register passengers at check-in and departure. J E F O U J G Z J O H S F R V J S F N F O U T B O E  
5BTLLT JODMVEF o JOUP B DPNQVUFS TZTU FN  
B PCUBJOJOH JOGPSNBUJPO E C T P O B U D I F O B W U B J T M B C W M P U Z F S V O J  
DPTU BOE DPOWFOJFOEF JCGW E J D J F O S H P S I L B Z C E M T O P H G Q B Z N F  
transport and accommodation, ascertaining D F T T B S Z  
DVTUPNFST SFRVJSFN F (c) sending letters, information sheets and other  
PO USBWFM BSSBOHFNFOUTEPDVNFOUT UP DMJFOUT  
C QSPWJEJOH JOGPSNBUJBO B C W V T U J O M P D B M F B O T E P S G F B E E J U J P O  
gional attractions, sightseeing tours, restau- W J D F T  
SBOUT BSUT BOE FOUFSUBJONFOU BOE QSPWJEJOH  
NBQT BOE CSPDIVSFT Example of the occupations classi ed here:  
D QSFQBSJOH JUJOFBSJSFT Customer contact centre information clerk  
E NBLJOH BOE DPOGJSNJOH SFTFSWBUJPO GPS  
USBWFM UPVST BOE BDDPN M P C E B M B P D O B S M T T F S M S B U B S V J D F P S T P S o  
F JTTVJOH UJDLFUT CPBSEJOH S D M T F C I P B O E P V F S D I B S T o  
(f) helping customers in obtaining necessary . B S L F U S F T F B S D I J O U F S W J F X F S  
USBWFM EPDVNFOUT TVDI B S T B M M T B T F O U S F T B M F T Q F S T P O o  
H WFSJGZJOH USBWFM S P D U P N F F S U D P L O J B O U B O F E O U S F H T J B M F  
tering passengers and luggage at check-in 5FMFNBSLFUJOH TBMFTQFSTPO o  
BOE EFQBSUVSF  
I QSFQBSJOH CJMMT BOE Note S F D F J W J O H O B Z N F O U T

other operations of the organizations or com-  
QBOJFT BCPVU XIPN JOGPSNBUJPO  
5BTLLT JODMVEF o  
J E F O U J G Z J O H S F R V J S F N F O U T B O E  
J O U P B D P N Q V U F S T Z T U F N  
E C T P O B U D I F O B W U B J T M B C W M P U Z F S V O J  
J C G W E J D J F O S H P S I L B Z C E M T O P H G Q B Z N F  
D F T T B S Z  
S F R V J S F N F (c) sending letters, information sheets and other  
B S L F U S F T F B S D I J O U F S W J F X F S  
B S T B M M T B T F O U S F T B M F T Q F S T P O o  
S P D U P N F F S U D P L O J B O U B O F E O U S F H T J B M F  
5 F M F N B S L F U J O H T B M F T Q F S T P O o

Examples of the occupations classi ed here:

- "JSMJOF UJDLFU BHFOU
- Check-in attendant
- 5JDLFU JTTVJOH DMFSL
- 5PVSJTN JOGPSNBUJPO
- 5SBWFM BHFOZ DMFSL
- 5SBWFM DPOTVMUBOU
- 5SBWFM EFTL DMFSL

OOMZ XPSLFST XIP SFTQPOE UP SFRVFT  
BOE PS IBOEMF TUSBHJHUGPSXBSE USBOT  
mFE JO 60JU (SPVQ \$POUBDU \$FOUS  
\$MFSLT 5IPTF XIP QSPWJEF TQFDJBMJ[FE  
USBWFM DPOTVMUBOUT BSF-DMBTTJmFE J  
ized group whether or not they are located in customer  
Domestic Centres.

Some related occupations classi ed elsewhere:

- 5SBWFM BHFOZ NBOBHFS o
- \$POGFSFODF BOE FWFO
- 5PVS PQFSBUPS o
- 5PVS FTDPSU o
- 5PVSJTN HVJEF o
- 5JDLFU JTTVJOH DMFSL
- TQPSUJOH FWFOU o

Unit Group 4223  
Telephone Switchboard Operators

5SBWFM BHFOZ NBOBHFS o  
\$POGFSFODF BOE FWFO  
5PVS PQFSBUPS o  
5PVS FTDPSU o  
5PVSJTN HVJEF o  
5JDLFU JTTVJOH DMFSL  
TQPSUJOH FWFOU o

(a) operating switchboards and consoles to connect, hold, transfer and disconnect telephone  
DBMMT

Unit Group 4222

Contact Centre Information Clerks

\$POUBDU DFOUSF JOGPSNBUJPO  
BOE JOGPSNBUJPO UP DMJFORUT J  
garding a company s or an organization s goods, JOGPSNJOH SFBQBS TFSWJDFT  
TFSWJDFT PS QPMJDJFT- BOE QSPDFTT mOBODJBM USBOT  
actions using the telephone or electronic com-  
OJDBUJPO NFEJB TVDI BT FN B  
in premises that may be remote from clients or

C NBLJOH DPOOFDUJJPOT GPS PVUHI  
D EFBMJOH XJUI UFMFQIPOF JOF  
DPSEJOH NFTTBHFT  
E P O G D S F S L E J O S P M V J T E T F B B E W J D P F T U B  
J O W T F O P I O E B U P J O R V J S J F T T F S W J D F  
S F B Q B S T F S W J D F T  
m O B O D J B M U S B O T  
Examples of the occupations classi ed here:  
J O M X S S I F O H B S F S W P J D B U P O F S B U P S  
5 F M F Q I P O F T X J U D I C P B S E P Q F S B U P

Unit Group 4224

**Hotel Receptionists**

Hotel receptionists welcome and register guests  
JO IPUFMT BOE PUIFS FTUBCM BDDPNPEBUJPO TFSWJDFT  
JTTVF LFZT QSPWJEF JOGPS TFSWJDFT QSPWJEFE NBLF  
B SFDPSE PG SPPNT BWBJMB sent statements of charges to departing guests  
BOE SFDFJWF QBZNFUO

UIFJS BWBJMBCJMJUZ MPDBUJPO  
JTTVFT  
C SFTQPOEJOH UP JORVJSJFT BCPV  
Q SPWJEJOH BEWJDF -JOGPSNBUJ  
M BODNFFOUT UIBU QSPWJEF  
H OJ S P S N B U J P O B C P V  
D P O D F S O J O H U I F  
S O W H B D P N O T M F Y F B Q R V J S J F T  
P S F F G O S S P D B E V O B D F S Z T Q S F  
J T T V J O H S F M F W B O U G P S N T J

5BTLT JODMVEF o  
B NBJOUBJOJOH BO JOW  
GPS PDDVQBODZ SFTFSWB  
TJHONFOUT  
C SFHJTUF SJOH BSSJWJOH HVFTUT  
WFSJGZJOH DVTUPNFST DSFEJU BOE JTTVJOH SPPN  
LFZT

Examples of the occupations classified here:  
B C M F  
U S J P V O T U F S O H O R V P S J J B T T D M F S L  
Information clerk  
C S F H J T U F S J O H B S S J W J O H H V F T U T B T T J H O J O H S P P N T  
W F S J G Z J O H D V T U P N F S T D S F E J U B O E J T T V J O H S P P N  
L F Z T

D QSPWJEJOH JOGPSNBUJ  
WJDFT BOE TFSWJDFT -B  
OJUJZ

Unit Group 4225  
Receptionists (General)  
J O U I F D P N N V

E QSPWJEJOH JOGPSNBUJ  
BDDPNPEBUJPO BOE NBLW  
UJ POT  
F SFTQPOEJOH UP HVFT  
LFFQJOH BOE NBJOUFOBOD  
UP DPNQMBJOUT

P D B C P V R O B T W E J M H B C O J M S B U M Z F S G D F J W F  
S P M J S O U T F S M S B H V F T U T B O E S F T  
B O E S F R V F T U T J O D M V - E J O H B S S B  
M e n t s . S F R V F T U T G P S I P V T F  
B T L S W J J O D F M V E F X F M M B T  
B S F D F J W J O H B O E X F M D P N J O H W J

(f) contacting housekeeping or maintenance ser-  
WJDFT XIFO HVFTUT SFQPSQ  
(g) compiling and checking guest accounts for  
charges using computerized or manual sys-  
UFNT

D M J F O U T  
C N S P L C M O H N B Q Q P J O U N F O U T G P S D M J  
D E F B M J O H X J U I U F M F Q I P O F S F R V F  
U J P O P S B Q Q P J O U N F O U T

I SFDFJWJOH BOE GPSXBSE  
or using telephones or telephone swit  
CPBSET  
J SFWJFXJOH TUBUFNFOUT PG  
HVFTUT BOE SFDFJWJOH

(d) directing clients to appropriate location or  
(e) supplying information pamphlets, brochures  
or forms.  
E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i f i e d h e r e :  
R e c e p t i o n i s t  
. F E J D B M P D F S F D F Q U J P O J T U

Examples of the occupations classified here:  
Hotel front desk clerk  
Hotel receptionist

Some related occupations classified elsewhere:  
. FEJDBM TFDSFUBSZ o  
) PUFM SFDFQUJPOJTU o

Unit Group 4225

**Inquiry Clerks**

\* ORVJSZ DMFSLT SFTQPOE  
FMFDUSPOJD NBJM BT XFMM BT UFMFQIPOF  
complaints about the organization's goods, ser-  
WJDFT BOE QPMJDJFT QSPWJEF  
QFPQMF UP PUIFS TPVSDFTNBSLFZ  
locations which put them in direct contact with  
clients or with the production of the goods and  
TFSWJDFT QSPWJEFE  
5BTLT JODMVEF o  
B BOTXFSJOH JORVJSJFT  
BOE QPMJDZ BOE QSPWJEJ

Unit Group 4227

Survey and Market Research Interviewers  
X S L U U F O B O E  
J O R V J S J F T B O E  
S W F Z B O E N B S L F U S F T F B S D I J O U F S W J F  
Q J F P Q M C F G B S O N E B U J F P D O P S I D E U S I F G S S S F T Q P O  
B S F F B S I D I M P V I F E U J J O T P O B S B  
B T L T J O D M V E F o  
D P O U B D U J O H J O E J W J E V B M T C Z  
Q F S T P O B O E F Y Q M B J O J O H U I F Q V S  
U F S W J F X  
B C P B U L H R P H E T R V T F T S U W J P D F T G P M M P X  
O R V F T O U G P S O N B U J S F O B O E V U V S W F Z T

(c) recording responses on paper or entering information from clients needed to de- responses directly into a computer database

U I S P V H I D P N Q V U F S B T T J T U \* F C E T J O D F S D M B J T F F X T J C U H B T L Z T T X P V M E J O D I  
U F N T B J O U F S W J F X J O H Q B U J F O U T U P  
E J E F O U J G Z J O H B O E S F T P M J O J G P S N B O U J P O T S F R V O S F E T U B O Q S P W J E  
S F T Q P O T F T W J D F T  
F Q S P W J E J O H G F F E C B D L C U P J O T U F S S W E Z X T Q H O B T O P S M J D B P O U T G P S  
D F S O J O H Q S P C M F N T J O P C U T O G A C H E R I N F O R M A T I O N P E R T I N E B U T B T H E I R a p -  
Q M J D B U J P O

Examples of the occupations classified here: D W F S J G Z J O H U I F B D D - V S B D Z P G J  
. B S L F U S F T F B S D I J O U F S W J W X I E S E

1 V C M J D P Q J O J P O J O U F S ( W J r i t i n g p r o c e d u r e s t o g r a n t , m o d i f y , d e n y  
4 V S W F Z J O U F S W J F X F S P S U F S N J O B U F B T T J T U B O D F  
F Q S P W J E J O H J O G P S N B U J P O B O E E  
t i o n s c o n c e r n i n g b e n e f i t s a n d c l a i m s p r o -  
D F E V S F T

Unit Group 4229

**Client Information Workers  
Not Elsewhere Classified**

(f) referring patients or applicants to other or-  
H B O J [ B U J P O T J G U I F Z B S F J O F M J H J

Examples of the occupations classified here:

5 I J T V O J U H S P V Q J O D M V E F & T M J D H M O F N O J U Z J O C U P S S N B J F X F S  
U J P O X P S L F S T O P U J O D M V E F E L I G I B I L I T Y S P E C I A L I S T F J O . J O P S  
( S P V Q \$ M J F O U \* O G P S N B H o s p i t a l a d m i n i s t r a t o r s S e r k ' P S

instance, it includes workers who obtain and

Sub-ma-or Group 43

**Numerical and Material Recording Clerks**

Numerical and material recording clerks obtain, compile and compute accounting, book-keeping, statistical, nancial and other numerical data, and take charge of cash transactions incidental to business matters. Some occupations classi ed here keep records of goods produced, purchased, stocked and dispatched, and of materials needed at speci ed production dates, or keep records of operational aspects and coordinate the timing of passenger and freight transport. Competent performance in most occupations in this sub-major group re-  
RVJSFT TLJMMT BU UIF TFDPOE \* 4\$O TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO VLEIFJT IF WCOJNCBHK PXSJ UHIS B D Q PWTOUJ  
BOE CPPLFFQJOH SFDPSET BOE DPWIDUWJUPBOJ JDPOTTU T D EDNB MVDM MBUBJ  
XBHFT BOE JO TPNF DBTFT QSFQBSJOH BX B E H Q B D S L H F U T P G O D E B Q  
USBOTBDUJPOT JODJEFOUBM UP WIEF DCPVNTQOBTJTH PTQUBBUJCTJQIBND  
UVBSJBM EBUB QFSGPSNJOH DMMS JDSBN T B B T U J T P O S T F M P B U B O H J O P  
FTUBCMJTINFOU CBOL PS TJNJMBES FTWBPDCLV ETI R-S O E S F S F B O S E E L  
QBUDIFE HPPET SFDPSEJOH QSPER DTUWPD L NPBSU H S T B V M E S D F P D N F Q W U F  
RVBOUJUFJFT PG UIF QSPEVDUJPO N B L B F O S E J B M M O S J F O R M V X S J R U E B S F T Q C B F S D B  
BOE DIFDLJOH PG QSPEVDUJPO P Q F S B U B P O S B W J F P E O V M M F T B T Q F F D Q J T C  
coordinating the timing of passenger and freight transport.

- ODDVQBUJPOT JO UIJT TVC NBKPSXHSOPHV QN JBOSPFS DHMS P V T Q J T m F E J O U
- 431 Numerical Clerks**
- 432 Material Recording and Transport Clerks**

Minor Group 431

**Numerical Clerks**

Numerical clerks obtain, compile and compute accounting, bookkeeping, statistical, nancial and other numerical data, and take charge of cash transactions incidental to business matters.  
5BTLT QFSGPSNFE VTVBMMZ JODM V P E L F H O M Q H O S F E X P S I E T B B D P E V D P M  
QVUBUJPOT DBMDVMBUJOH VOJBOE S J P C E V T D P U N J F P O D B D T P F T T U Q S F D C B  
XBHF QBDLFUT BOE QBZJOH XBHFTOTU B O D O E F D U B B S M H F U P G U D F B T C I V  
OFTT PCUBJOJOH DPNQJMJOHB M O E B W P N Q V S G O S H N J Q W H U D J M E  
tasks relating to the nancial transactions of an insurance establishment, bank or similar establishment.

- ODDVQBUJPOT JO UIJT NJOPS HSPHV QV B S U F H S M P B T O T T J m F E J O U P U I F
- 4311 Accounting and Bookkeeping Clerks**
- 4312 Statistical, Finance and Insurance Clerks**
- 4313 Payroll Clerks**

Unit Group 4311

**Accounting and Bookkeeping Clerks**

"DDPVOUJOH BOE CPPLFF (a) classifying, recording and summarizing nu-  
classify and record numerical data to keep -merical and nancial data to compile and  
OBODJBM SFDPSET DPNQM F keep nancial records using numerical and  
combination of routine calculating, posting and MFEHFST PS DPNQVUFST  
WFSJGZJOH EVUJFT UP PCU (b) calculating, preparing and issuing bills U B  
for use in maintaining accounting records. JOWPJDFBT BDDPVOU TUBUFNF  
5BTLT JODMVEF o nancial statements according to established  
(a) checking figures, postings and documents QSPDFEVSFT  
for correct entry, mathematical accuracy (a) compiling statistical, nancial, accounting  
QSPQFS DPEFT or auditing reports and tables pertaining to

(b) operating computers programmed with ac-  
counting software to record, store and ana-  
MZTF JOGPSNBUJPO

T V D I N B U U F S T B T D B T I S F S O C U R T O U C L E R K F Y Q F O E J U V S F T  
 B D D P V O U T Q B Z B C M F B O E S S F A D I S T I D A W O R K M F B O E Q S P M U T  
 and losses.

Examples of the occupations included here:

- " D D P V O U T D M F S L
- Bookkeeping clerk
- Cost computing clerk

Some related occupations classed elsewhere:

- 4 U P D L T B O E T I B S F T C S P L F S o
- " D D P V O U J O H B T T J T U B O U o
- 4 U B U J T U J D B M B T T J T U B O U o
- 5 S B E F C S P L F S o
- " D D P V O U T D M F S L o
- # P P L L F F Q J O H D M F S L o

Some related occupations classed elsewhere:

- " D D P V O U J O H B T T J T U B O U o
- # P P L L F F Q F S o

Unit Group 4313

**Payroll Clerks**

Unit Group 4312

**Statistical, Finance and Insurance Clerks**

Statistical, finance and insurance clerks obtain information and compute pay and benefit entitlements, compile and compute statistical or actuarial data for employees within a department, company or other establishment, or perform clerical tasks relating to the transactions of insurance establishments, banks and other financial establishments.

- (a) processing insurance enrolments, cancellations, claims transactions, policy changes
- (b) obtaining and compiling statistical or actuarial data based on routine or special sources
- (c) preparing employee payments and benefit details and presenting them in the required form
- (d) preparing financial documents, and calculating interest or brokerage charges and adjustments, and posting information into designated records.
- (e) maintaining records of bonds, shares and other securities bought or sold on behalf of clients or employers.

- 1 B Z S P M M D M F S L T D P M M F D U W F S J
- 5 B T L T J O D M V E F o
- B O D F M F B W F B O E P W F S U J N F U P D E
- Q V U F S J [ F E T Z T U F N T
- C Q S F Q B S J O H B O E W F S J G Z J O H T U B U F
- B O E E F E V D U J P O T T V D I B T U B Y F T V O
- O J T I N F O U T B O E J O T V S B O D F B O E Q F
- P G J O G P S N B U J P O
- (c) preparing employee payments and benefit details and presenting them in the required form
- S F W J F X J O H U J N F T I F F U T X P S L
- B O E S F D P O D J M F Q B Z S P M M E J T D S F O
- F W F S J G Z J O H B U U F O E B O D F I P V S

Example of the occupations included here:  
 Wages clerk

Examples of the occupations classed here:

- " D U V B S J B M D M F S L
- Brokerage clerk
- Finance clerk
- Insurance clerk
- . P S U H B H F D M F S L

Some related occupations classed elsewhere:

- " D D P V O U J O H B T T J T U B O U o
- # P P L L F F Q F S o
- " D D P V O U T D M F S L o
- # P P L L F F Q J O H D M F S L o

Minor Group 432

**Material Recording and Transport Clerks**

. B U F S J B M S F D P S E J O H B O E U S B O T S O P P E S V U D F E M F S V \$ D U B F O E S F T D U P S I E L  
 and dispatched, and of materials needed at specified production dates, or keep records of operational aspects and coordinate the timing of passenger and freight transport.

- 5 B T L T Q F S G P S N F E V T V B M M Z J O D M M E E
- S F D P S E J O H Q S P E V D U J P O N B U F S J B M T D S P F N D Q V W J F O E H Q V B O J U J W B F T U F



Q S P E V D U J P O N B U F S J B M T S F R V J S F E U B U Q T S O F F O D B S B F U E J E B U B T O B O I  
P G Q S P E V D U J P O P Q F S B U J P O T D I F E B W M F T B T Q F F D Q U D H B O I E D D S P E P T S P G O  
the timing of passenger and freight transport.

O D D V Q B U J P O T J O U I J T N J O P S H S P W Q V B S U F H S M P B / T Q T J m F E J O U P U I F

- 4321 Stock Clerks**
- 4322 Production Clerks**
- 4323 Transport Clerks**

Unit Group 4321  
**Stock Clerks**

(c) preparing or assisting in the preparation of production operation schedules on the basis of customers orders and production capacity

Stock clerks maintain records of goods produced B O E Q F S G P S N B O D F  
B O E Q S P E V D U J P O N B U F S J B M T S F S D J G J W O E T X P D H L T F E B S S B O H J O H  
issued, dispatched or put into stock. W F T U J H B U J O H E F M B Z T

5 B T L T J O D M V E F o F S F D P S E J O H B O E D P P S E J O B U J O H U

(a) arranging and controlling receipt and dis- and materials between departments.

Q B U D I P G H P P E T B O E L F F Q J O H S F M F W B O U S F D P S E T  
C N B J O U B J O J O H T U P D L S E X A M P L E S O F T H E O C C U P A T I O N S C L A S S I F I E D H E R E : F P G  
H P P E T F T U J N B U J O H O F F E T P O D U C T I O N C L E R K H S F R V J T J  
U J P O T P G O F X T U P D L T S c h e d u l e c l e r k ( m a t e r i a l s )

D S F D F J W J O H T U P S J O H B O E J T T V J O H U P P M T T Q B S F  
Q B S U T P S W B S J P V T F R V J Q N F O U B O E N B J O U B J O J O H  
S F M F W B O U S F D P S E T

E X F J H I J O H H P P E T S F D U J W G F o p 4 3 2 3 Q S P E V D F E P S G P S  
J T T V F P S E J T Q B U D I B U B S B J M X B Z U B J O J O H S F M F W B O U  
S F D P S E T

F D P N Q J M J O H J O W F O U P S J F S T B D G Q P V S J O D U M F S S L T B Q E F R U S F S D P S E T P O  
J U F N T S F D F J W F E G P S T U P S B H F  
Examples of the occupations classied here: prepare reports for management.

% J T Q B U D I D M F S L T U P D L 5 B T L T J O D M V E F o  
Freight clerk (a) keeping records of operational aspects and  
Stock clerk coordinating the timing of passenger and  
Storeroom clerk G S F J H I U U S B O T Q P S U  
Weighing clerk C E J S F D U J O H U S B J O S P V U J O H T X J U  
zone of a railway system and keeping related  
S F D P S E T

Unit Group 4322  
**Production Clerks**

(c) directing, controlling and keeping records of G S F J H I U I B O E M J O H B U B S B J M X B Z  
(d) coordinating and keeping records of oper- B U J P O B M B D U J W J U J F T D P O D F S O J O H

1 S P E V D U J P O D M F S L T - D P N T Q D V I U B T F B W B M O P U D B W J P O B P O C E N D B I F E V  
U F S J B M T S F R V J S F E B U - T Q F E D O E m F E S J E A B F U S F T T G M P P S B E N J B O C H V B B D E V O  
turing, construction and similar production DMFT BOE T U P S B H F P G H P P E T J O  
programmes, and prepare and check production (e) coordinating and keeping records of oper-  
operation schedules. B U J P O B M B D U J W J U J F T D P O D F S O J O C

5 B T L T J O D M V E F o of passengers and freight, such as passenger  
B D P N Q V U J O H R V B O U J U M F T T U T B O B M S E J J H F U N B C O E J G B T Z U O T F T  
P G N B U F S J B M T S F R V J S F (f) preparing reports for management. P  
H S B N N F T

C Q S F Q B S J O H Q S P E V D - U J E X A M P L E S F O R T H E O C C U P A T I O N S C L A S S I F I E D H E R E :  
V M F T F O T V S J O H U I B U N B U S M F S M D T B M S D P D W S B M M B E M F U S B O T O  
X I F O O F F E F E B O E L F F Q J O H S M F M F D B M O U E J S D B B D E F S U S B O T Q P

Sub-ma-or Group 44

**Other Clerical Support Workers**

OUIFS DMFSJDBM TVQQPSU XPSLF \$ D U T T P S Q S E F Q B S E F F M O W P S N B B J J M C  
processing, maintain personnel records, check material for consistency with original source  
NBUFSJBM BTTJTU QFSTPOT XIWBSBROVCPRUISFBS E Q P D J X N J J  
DMFSJDBM EVUJFT \$PNQFUFUO QIBSGPVSQNBKPSJ QSNPVTOU SFRDVS  
TLJMMT BU UIF TFDPOE \*4\$O TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO V E I F T \$ F D P S B K O S H S B P Q N V T U W P M C  
HBSEJOH BDRVJTJUJPO JTTVF BZOE IS FBQVES Om MG OMJ W/SBSSJ P VCTP E P D  
BOE PUIFS SFDPSET NBJOUBJOJ S E I J Q H S B T P E O E F M J S V F D S P S E I T N B J P N  
OPTU P DFT BT XFMM BT GSPN PS S B D W J O O B O Q I S P I G S T Q S Q F S G D S N J O H H  
PG NJTDFM MBOFPVT DMFSJDBM XVRUJEFST X O B I C M O H U P P O S C F B I B N P S R

ODDVQBUIJPOT JO UIJT TVC NBKPS XUSOPM QN JBOSFSS DMSBPTQJ mFE JOU

**441 Other Clerical Support Workers**

Minor Group 441

**Other Clerical Support Workers**

OUIFS DMFSJDBM TVQQPSU XPSLF \$ D U T T P S Q S E F Q B S E F F M O W P S N B B J J M C  
processing, maintain personnel records, check material for consistency with original source  
NBUFSJBM BTTJTU QFSTPOT XIWBSBROVCPRUISFBS E Q P D J X N J J  
clerical duties.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFBDSRFVJPTSJEU DPHOJOGP\$M BU  
SFUVSO PG MJCSBSZ CPPLT DMTBETB GPZWIQ B \$FODEP S n E M J Q N B J C  
UBJOJOH QFSTPOOFM SFDPSET T P M U G O S H N S E D P S E P O D I F B O E B E F X M  
GSPN PS XJUIJO BO FOUFSQSJT F N D O E I J O H S B D O P H S F S F P D G U J N O J H T D O F S M R I G E  
DMFSJDBM EVUJFT XSJUJOH PO CSFF B M G P \$ G X Q F S F P O T X I P B S F

ODDVQBUIJPOT JO UIJT NJOPS HSPHV QV BLSF HD \$M/PB/TQTTJ mFE JOUP UIF

**4411 Library Clerks**

**4412 Mail Carriers and Sorting Clerks**

**4413 Coding, Proofreading and Related Clerks**

**4414 Scribes and Related Workers**

**4415 Filing and Copying Clerks**

**4416 Personnel Clerks**

**4419 Clerical Support Workers Not Elsewhere Classified**

Unit Group 4411

**Library Clerks**

-JCSBSZ DMFSLT JTTVF BOE SE DFN W F O M B C O B D Z H N K P U F S S O B M T T V C T D S .  
TPSU BOE TIFMWF CPPLT (e) Tab A - On-line library users, journal access, databases,  
ings, periodicals, journals, magazines and news- CSBSZ NBUFSJBM T BOE NBLJOH JOU P  
QBQFST BOE QSPWJEF HF (f) Maintaining library records, creating and deli- BU J P O  
to library users. BDRVJTJUJPO JTTVF BOE SFUV

5BTLT JODMVEF o other materials.

B JTTVJOH BOE SFDJWJOH MJCSBSZ CPPLT BOE PUIFS

NBUFSJBM T Examples of the occupations classi ed here:

(b) placing books and other library materials on Library clerk

TIFMWF T Library ler

Unit Group 4412

**Mail Carriers and Sorting Clerks**

. B J M D B S S J F S T B O E T P S U J S  
S F D P S E J O H E F M J W F S Z B O  
U J P O X J U I N B J M T F S W J D F  
lated organizations, as well as from or within an establishment.

- (a) performing mail-handling duties in public establishments.
- (b) sorting and keeping simple records of incoming and outgoing correspondence and shipments.

Examples of the occupations classified here:

. B J M D M F S L  
Post carrier  
1 P T U N B O X P N B O

Unit Group 4413

**Coding, Proofreading and Related Clerks**

Coding, proofreading and related clerks con-  
W F S U J O G P S N B U J P O J O U  
proofs, and perform a number of miscellaneous clerical duties.

- (a) sorting or classifying materials according to guidelines such as content, purpose, user criteria, or chronological, alphabetical or numerical order or according to
- (b) filing materials in drawers, cabinets and folders
- (c) sorting forms and marking them with identifying information by codes for data-processing
- (d) keeping records of materials filed and re-

- (c) sorting forms and marking them with identifying information by codes for data-processing
- (d) sorting documents for filing or to collate sets

Examples of the occupations classified here:

Coding clerk  
Proofreading clerk

Unit Group 4414

**Scribes and Related Workers**

Scribes and related workers write letters and complete forms on behalf of persons who are unable to read or write and

- (a) reading letters and other written matter to persons who are unable to read or write and
- (b) writing letters and completing forms on behalf of persons who are unable to read or write

Examples of the occupations classified here:

Scribe  
J O W B S J P V T F T U B C

Unit Group 4415

**Filing and Copying Clerks**

Filing and copying clerks file correspondence, alphabetical or numerical order or according to

- (a) sorting or classifying materials according to guidelines such as content, purpose, user criteria, or chronological, alphabetical or numerical order or according to
- (b) filing materials in drawers, cabinets and folders
- (c) keeping records of materials filed and re-

Examples of the occupations classified here:

Copying clerk

Filing clerk

Unit Group 4416

**Personnel Clerks**

Personnel clerks maintain and update personnel records such as information on transfers and

5 B T L T J O D M V E F o

Unit Group 4419

- (a) updating information on employment history **Clerical Support Workers Not Elsewhere**  
 U P S Z T B M B S J F T **Classified** P S N B O D F F W B M V B U J P O T  
 R V B M J M D B U J P O T B O E U S B J O J O H B O E M F B W F U B L F O  
 B O E B D D V N V M B U F E 5 I J T V O J U H S P V Q D P W F S T D M F S J D B M
- (b) initiating records for newly appointed workers and checking records for completed **Clerical Support Workers**. For instance, the group includes correspondence clerks, press clippers and publication clerks.  
 O P U D M B T T J M F E F M T F X I F S F J O . B K P S  
 O F T T
- (c) processing applications for employment **Clerical Support Workers**.  
 Q S P N P U J P O T B O E B E W J T J O H B O D M D B F O U T U B G L S F X P V M E J O D I  
 T V M U T B S F D F J W J O H D V T U P N F S T P  
 E S F D F J W J O H B O E B O T X F S J O H E W O R V J S J F O T H B C X S V U B O H B O E F E J  
 Q M P Z N F O U F O U J U M F N F O U T B O E U D O G E B E W P O S T U J T J O H S B U F T B O E
- (e) sending out job applications and announcements **Clerical Support Workers**.  
 C X S J U J O H C V T J O F T T B O E H P W F S O N  
 N F O U T P G K P C P Q F O J O H T B O E D K P C T V D B N B O S B O M T J F T U P S F R V
- (f) maintaining and updating manual and computerized filing and registration systems, and compiling and preparing reports and documents **Clerical Support Workers**.  
 B O E C J M M J O H J O R V J S J F T B O E T F S  
 N F O U T S F M B U J O H U P Q F S T P O E W M S B D T U F J W F J O U F T D B U B M P H V F T E  
 H T U P S J O H B O E S F U S J F W J O H R U O F S T R O O F M J B M D R P E S T B O E M J D B U J  
 m M F T P O S F R V F T U

Examples of the occupations classified here:  
Human resource assistant  
Human resource clerk

Examples of the occupations classified here:  
" E W F S U J T J O H D M F S L  
Correspondence clerk  
% J S F D U P S Z D P N Q J M F S  
Press clipper  
Publication clerk



Ma~or Group 5

**SERVICES AND SALES WORKERS**

4 F S W J D F T B O E T B M F T X P S L F S T J O \$ P W S J F M F B W F E S T U P P O B S I B W D N  
L F F Q J O H D B U F S J O H Q F S T P O B N M B D X E G S V F M B S D U F D R U S J P E C F N B P H O B  
and sell goods in wholesale or retail shops and similar establishments, as well as at stalls and  
P O N B S L F U T \$ P N Q F U F O U Q F S G P S B B O S F H \$ O V M P \$ U R W D S F T Q B T U  
B U U I F T F D P O E \* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z T F S W J D F T B O \$ H B O M F J O X I P S I O F E S T O S / P T W B M J  
T F S W J D F T E V S J O H U S B W F M I P V T F G L F F P Q J B O E C C S F F V O B S B O I H T B O B E  
G P S D I J M E S F O Q S P W J E J O H Q F S T P O P B S M J B O E J C C T B U T J O V I U F B A M O U T I D E  
B T I B J S E S F T T J O H C F B V U Z U S F B S W N O O U B F O N E B O M P N J O B H O B O B T B  
S B O H J O H G V O F S B M T Q S P W J E J O H E J W D W S B W I Z T B F O S E W O S P T Q F B S O U E Z C B S H  
m S F B O E V O M B X G V M B D U T F O G P S D B M H B O S M E B E X W B S O E J P S O F S B O  
D S F B U J P O B O E E J T Q M B Z P G H P P E J B J N F M T N J B C C H M J H T P I N E F T O U O X B P M X F  
T U B M M T B O E P O N B S L F U T B O E E J P N F O T U S A B W J F S N V J H T P P O T P G P P U  
workers may be included.

O D D V Q B U J P O T J O U I J T N B K P S H S P H O V B C S A N E K M P S T H S P W D T J O U P U I F

**51 Personal Services Workers**

**52 Sales Workers**

**53 Personal Care Workers**

**54 Protective Services Workers**

Sub-ma-or Group 51

**Personal Services Workers**

1 F S T P O B M T F S W J D F T X P S L F S T Q S I P S B W F M Q F S F V D F L M F D E J S W J D F B U  
and hospitality, hairdressing and beauty treatment, animal care grooming and training, com-  
Q B O J P O T I J Q B O E P U I F S T F S W J D F T F P G P B N O B O S D T P Q B M N D B U W V P S D F D V S  
U J P O T J O U I J T T V C N B K P S H S P V Q O S T F R J M S F T M F W J A M M T B U U I F T F

5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E U F I J T P S H V B O N I B J K O P S B H O S E P V O C S P W T J  
T F S W J D F T J O D P O O F D U J P O X J U I U S B W S F Q B S E O T H J H B I Q E T F T F J S O M J O I H P V G T P F  
C F W F S B H F T I B J S E S F T T J O H B O E C F B N O B M U S F B W H N B O L E B J S S A B M O J H O H C  
O F S B M T H S P P N J O H D B S J O H G P S Q M O E U P S B S D W O H N B O B S I B M F T I J D U M  
W J E J O H D P N Q B O J P O T I J Q B O E P U I F S Q U F I S T S P Q B S L F S S M B Z F C F 4 0 0 M S

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V Q J T m F E J O U

**511 Travel Attendants, Conductors and Guides**

**512 Cooks**

**513 Waiters and Bartenders**

**514 Hairdressers, Beauticians and Related Workers**

**515 Building and Housekeeping Supervisors**

**516 Other Personal Services Workers**

Minor Group 511

**Travel Attendants, Conductors and Guides**

5 S B W F M B U U F O E B O U T D P O E V D U P S B N O T E F S H W J D F T T Q S P W B O R F W D B U S J P P  
U S B W F M M J O H C Z B J S D S B G U F U T S D E P J S Q J O T H I J C O E J C W J T E V P S M P U B I O S  
P O U S B W F M U P V S T T J H I U T F F J O H W J T J U T B O E F Y D V S T J P O T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E P F G Q B T V S D O H F S U T I F T D F P S N A G J P O S H U  
B O E S F G S F T I N F O U T Q S P W J E J O H J O G J P O S N D B P U Q D O D B U O J E P O B O X T J X U F I S J U O S H  
D P M M F D U J O H P S J T T V J O H U J D L F U B O P Z O O C H P B J S O E E Q W C M V I B M U T S E P O S T Q  
P O T J H I U T F F J O H U P V S T P S F Y D V S F T J O T B O E E F T D S J C J O H Q

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T J m F E J O U P U I F

**5111 Travel Attendants and Travel Stewards**

**5112 Transport Conductors**

**5113 Travel Guides**

Unit Group 5111

**Travel Attendants and Travel Stewards**

D B T T F N C M J O H B O E T F S W J O H Q S F

B O E C F W F S B H F T

E T F M M J O H E V U Z G S F F B O E P U I F S

5 S B W F M B U U F O E B O U T B O E (b) Staking care to Uge XeBas feeds FadT Coisfort lbf F

D P N G P S U B O E T B G F U Z P G Q B C T F T D H C F S F S T T F B S O M F X F N S B D M T J O R V J S J F

B O E C F W F S B H F T B O E S F O E F S O B S C T J P O O T B M M F F S O W J D O F E U V T E V

B M M Z P O B J S D S B G U B O E P (c) d C P B i S G e a n t l a s G i t t i n g p a s s e n g e r s a n d

plan and coordinate housekeeping and social G P M M P X J O H Q S F T D S J C F E Q S P D F E V

B D U J W J U J F T P O T I J Q T P G B O F N F S H F O D Z T V D I B T F W E

5 B T L T J O D M V E F o D S B G U G P M M P X J O H B O F N F S H F O D Z

(a) greeting passengers entering aircraft or ships, W F S J G Z J O H U I B U m S T U B J E L

checking tickets or boarding passes, and di- H F O D Z F R V J Q N F O U B S F J O X P S L J O H

S F D U J O H Q B T T F O H F S T U P (h) h a d m i s t e r i n g U r s t a n d S t o p p a s s e n g e r s i n d i s -

C B O O P V O D J O H F Y Q M B J O J O I S F B O E E F N P O T U S B U J O H

safety and emergency procedures such as (i) h a t t e n d i n g p r e - f l i g h t b r i e f i n g s c o n c e r n i n g

V T F P G P Y Z H F O N B T L T T F B U w e a l l m u l t i t u d e s M r o G t e s K e n t e r f e d y

procedures, crew coordination, lengths of Cable car conductor

- (j) preparing passengers and aircraft for take-off
- (k) determining special assistance needs of passengers such as small children, the elderly or disabled persons.

Unit Group 5113  
**Travel Guides**

Examples of the occupations classified here:

Cabin attendant  
 Flight attendant  
 Ships steward

on tours of places of interest such as historical sites, industrial establishments and theme parks.

Unit Group 5112

**Transport Conductors**

ensure the safety and comfort of passengers on trains, trams, buses and other public transport

- (a) collecting and issuing tickets, passes or fares

- (b) attending to sleeping-cars and their occupants

greeting passengers boarding transportation

- (g) greeting passengers boarding transportation
- (j) taking appropriate action in case of emergencies or accidents.

Examples of the occupations classified here:  
 " SU HBMMFSZ HVJEF

Examples of the occupations classified here:

Bus conductor

Minor Group 512

**Cooks**

of chefs, in hotels, restaurants and other eating places, on board ships, on passenger trains

on board ships, on passenger trains



S F H V M B U J O H U I F U F N Q F S B U V S F D B P R W F H O T F R V H S Q J M F M U S O B C U E D  
B O E D M F B O J O H U I F L J U D I F O L J U D I F O T F S F J T O B N G F F O B O E T F S O W J  
G P P E I B O E M J O H Q S B D U J D F T B O E J O Q F O B U J O D I N B B S H S J W R M T V N  
fat fryers or griddles.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B / T O T J m F E J O U P U I F  
**5120 Cooks**

Unit Group 5120

**Cooks**

(f) inspecting and cleaning the kitchen, kitchen  
FRVJQNFOU BOE TFSWJOH BSFBT U  
BOE TBOJUBSZ GPPE IBOEMJOH QSE

Cooks plan, organize, prepare and cook meals, H P Q F S B U J O H M B S H F W P M V N F D P P  
B D D P S E J O H U P S F D J Q F T P S S U C H A S G R I L L S J D E P T A V O Y E S W G R I D D L E S  
of chefs, in hotels, restaurants and other eating  
places, on board ships, on passenger trains and Example of the occupations classi ed here:  
J O Q S J W B U F I P V T F I P M E T C o o k

5 B T L T J O D M V E F o Some related occupations classi ed elsewhere:  
(a) planning meals and preparing and cooking \$ B G I N B O B H F S o  
G P P E T U V T 3 F T U B V S B O U N B O B H F S o  
C Q M B O O J O H T V Q F S W J T J O H \$ P P E D P P S E J O B U J O H U I F  
X P S L P G L J U D I F O I F M Q F S T ' B T U G P P E Q S F Q B S F S o  
D D I F D L J O H U I F R V B M J U Z P G G P P E  
E X F J H I J O H N F B T V S J O H B O E N J Y J O H J O H S F E J F O U T  
according to recipes and personal judgment. Operators of small cafés, restaurants and bars for whom  
N F O U T I F N B O B H F N F O U B O E T V Q F S W J T J P O P G T  
F S F H V M B U J O H U I F U F N Q F S B U V S F P G P P M F O T H S J M F M T P S  
S P B T U F S T B O E P U I F S D P e n d i n g o n t h e m a i n t a s k f o l l o w e d .

Minor Group 513

**Waiters and Bartenders**

8 B J U F S T B O E C B S U F O E F S T T F S W F G P P J E O B O E O E F W S F S O B I H F O T H J O M D B P  
clubs, institutions and canteens, on board ships and on passenger trains.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M S V P O F S M I Z T J T U L P J D L H E J O X L B T F I Q J O C H H  
H M B T T X B S F B O E D M F B O J O H U I F B M B I P B M S F D B E S T J F O S L W J E O U H B B O  
T F U U J O H U B C M F T X J U I D M F B O M F O F O F S D W J U C M H F S G Z P P I E S B D L E F S C Z F W  
B E W J T J O H P O U I F D I P J D F P G X J O F T G B O E G T P P S E W B O E U P I F N E S U B I L J T  
Q B T T J O H U I F P S E F S T U P U I F L J U O H F O B Z O N S F F O T U F O U J O H C J M M T B O  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B / T O T J m F E J O U P U I F

**5131 Waiters**

**5132 Bartenders**

Unit Group 5131

**Waiters**

(b) greeting customers and presenting them with  
N F O V T B O E C F W F S B H F M J T U T  
D B E W J T J O H P O G P P E B O E C F W F S

8 B J U F S T T F S W F G P P E B O E (c) taking orders for food and drink and passing  
dining and drinking places, clubs, institutions and P S E F S T U P L J U D I F O P S C B S T U B  
canteens, on board ships and on passenger trains. T F S W J O H G P P E B O E C F W F S B H F  
5 B T L T J O D M V E F o U B C M F T

(a) setting tables with clean linen, cutlery, clearing tables and returning dishes and cut-  
D S P D L F S Z B O E H M B T T X B S F M F S Z U P U I F L J U D I F O

(g) presenting bills, accepting payment and operating point-of-sales machines and cash registers.

(g) washing used glassware, and cleaning and N B J O U B J O J O H C B S T F S W J D F B S F B T N B L J O H B S F B T B O E F R V J Q N F O U T V D I N B D I J O F T

Examples of the occupations classified here: (d) Sommelier Waiter

(d) collecting payment for sales, operating cash SFHJTUFST BOE CBMBODJOH DBTI S F U B Q Q J O H L F H T B O E B U U B D I J O H T

Some related occupations classified elsewhere: \$ B G I N B O B H F S o 3 F T U B V S B O U N B O B H F S o # B S U F O E F S o

(f) assisting in keeping the bar properly stocked BOE BSSBOHJOH CPUUMFT BOE HME H D I F D L J O H J E F O U J m D B U J P O P G D V B H F S F R V J S F N F O U T G P S Q V S D I B T F

Note Operators of small cafés, restaurants and bars for whom significant component of the work are classified in Unit (SPVQT \$PPLT 8BJUFS depending on the main tasks performed.

(h) taking steps to limit problems related to tomers to stop drinking, declining further T F S W J D F P S P S E F S J O H U S B O T Q P S U N J Y J O H J O H S F E J F O U T U P Q S F P U I F S E S J O L T # B S U F O E F S T T F S W J O H T O B D L T P S P U I F S G P P

Example of the occupations classified here: Bartender

Unit Group 5132

**Bartenders**

Some related occupations classified elsewhere:

# B S U F O E F S T Q S F Q B S F N J Y B O E 3 F T U B V S B O U N B O B H F S o O P O B M D P I P M J D E S J O L T E J S F D U M Z J U F S P o D V T U P N F S T P W F S a bar or counter, or through waiters.

Note Operators of small cafés, restaurants and bars for whom significant component of the work are classified in Unit (SPVQT \$PPLT 8BJUFS depending on the main tasks performed.

Minor Group 514

**Hairdressers, Beauticians and Related Workers**

) B J S E S F T T F S T C F B V U J D J B O T B O E S S F M I B W F F E X O S L O S T J N D V U F B B S C E E T C F B V U Z U S F B U N F O U T B Q Q M Z D P J O N E T U J P G T U S O B U N B O E V O B O W J E V B M T J O P S E F S U P J N Q S P W F U I F J S B Q Q F B S B O D F

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V F O U T E J D V W U J O H H B O F T E U S P A N T F T S I B J S T I B W J O H B O E U S J N N J O H C F B S N Z J O H W J P T H N E U B D U Z B O S E F B U V Q T I B Q J O H B O E Q P M J T I J O H m O H S F S J M O E O W P T F O B J M I T F B O B B O S G E attending clients taking baths and administering elementary massage.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S P B V T O T T J m F E J O U P U I F

**5141 Hairdressers**

**5142 Beauticians and Related Workers**

Unit Group 5141

**Hairdressers**

5 B T L T J O D M V E F o B D V U U J O H X B T I J O H U J O U J O H B O E C T I B W J O H P S U S J N N J O H C F B S E T B H J W J O H T D B M Q U S F B U N F O U T E T I B M U F U P O S H U X S J H N T O B B D P S M J O B J S P D V T N F O U T

Hairdressers cut, style, colour, straighten and and treat scalp conditions.

- (a) Bleaching and applying creams, lotions and related products to face and other parts of the body
- (f) styling hair into dreadlocks and braids and arranging appointments and collecting payments
- (g) applying make-up to clients of a beauty parlor
- (h) cleaning, shaping and polishing nger- and toenails and treating ailments of the human foot such as corns, calluses or deformed toenails

Examples of the occupations classified here:

- Barber
- Hair care specialist
- Hairdresser
- Hairstylist

- (e) attending to clients taking baths and administering treatments
- (h) arranging appointments and collecting payments.

Unit Group 5142

**Beauticians and Related Workers**

Examples of the occupations classified here:

- # FBVUJDBOT BOE SFMBUFE Bath attendant
- body beauty treatments, apply cosmetics and related services
- 5BTLT JODMVEF o Pedicurist
- 5BTLT JODMVEF o Slimming consultant

Minor Group 515

**Building and Housekeeping Supervisors**

# VJMEJOH BOE IPVTFLLFFQJOH TVQFSSWJSTFD PFS EXJPSLUPG DMFBOFST BOE PUIFS IPVTFLLFFQJOH USBF TJDF DRN NMS DSEFM J TJFOTE V take responsibility for housekeeping and caretaking functions in hotels, offices, apartments, IPVTFT BOE QSJWBUF EXFMMJOHT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF J N E T J O H H O J B O S H F B J B T U P B O F E DMFBOJOH IPVTFLLFFQJOH BOE NBJSDMEZOBOTDVJ XPS EGI BTTV CCEMOFE FRVJQNFOU BOE JOWFOUPSZ TUP DLOE UPS F OBTEVSRFV BUBU TUDIS FTFVQJOM IJSJOH KPC BQQMJDBOUT USBJDFJTOHSE DPUN NCFXJ DGE QIS P Q P UJ POT USBOTGFST PS EJTNJTTBML F F QJFOSHG B S O N E J Q I B J T O R U N F O B O M D F B O J E

ODDVQBUJPOT JO UIJT NJOPS HSPHV QV BLSF HD \$PBTOTTJ mFE JOUP UIF

**5151 Cleaning and Housekeeping Supervisors in Offices, Hotels and Other Establishments**

**5152 Domestic Housekeepers**

**5153 Building Caretakers**

Unit Group 5151

**Cleaning and Housekeeping Supervisors in Offices, Hotels and Other Establishments**

- (a) engaging, training, discharging, organizing and supervising the purchase of supplies, materials and equipment for use in these establishments.

\$ MFBOJOH BOE IPVTF-L F (b) Purchasing or contracting the purchase of supplies, materials and equipment for use in these establishments.

TVQFSSWJTF BOE DBSSZ PVU DPVDFLESZUWUTB OHO WHF S J F S S T M XIFYM G B S JO PSEFS UP LFFQ DMFBO BOE TVQFSSWJTF OHO WHF S J F S S T M XIFYM G B S JOEJWJEVBMT JO JOTUJUUVUJPOT

F TXFFQJOH WBDVVN DMFBUEOH XBTIJOH BOE QPMJTIOH nPPST GVSOUJUVSFPBDEUPDIFSVmFYLVFSQFFTS

(f) making beds, cleaning bathrooms and sup-QMZZJOH UPXFMT TPBQ BSome related occupations classified elsewhere:

(g) cleaning kitchens and generally helping with )PUFM NBOBHFS o LJUDIFO XPSL JODMVEJOH E%PINKBTU JDHIFMQFS o

(h) restocking mini-bars and replenishing items TVDI BT ESJOLJOH HM Note FT BOE XSJUJOH FRVJQ ment. Operators of small accommodation establishments, such as some bed and breakfast establishments and small

Examples of the occupations classified here:

Housekeeper (hotel)

.BUSPO IPVTFLFFQJOH

Some related occupations classified elsewhere:

)PUFM NBOBHFS o

#FE BOE CSFBLGBTU PQFSBUPS o

%PNFTUJD IPVTFLFFQFS o

#VJMEJOH DBSFUBLFS Unit Group 5153

%PNFTUJD DMFBOFS o Building Caretakers

Unit Group 5152

**Domestic Housekeepers**

%PNFTUJD IPVTFLFFQFST P Sending in the size and signature of the building DBSSZ PVU IPVTFLFFQJOH -G Conditioned JO QSJWBUF IPVTF

holds and small accommodation establishments 5BTLT JODMVEF o XJUI PS XJUIPVU UIF TVQQPS B PGT VQCFSS WJOTUBJHTUBIF XPSL P 5BTLT JODMVEF o LFFQJOH BOE CVJMEJOH NBJOUFOB

B TVQFSWJTJOH XPSLFST FNPCOMIBBDEUPJOT IPVTFIPMET BT EPNFTUJD TUB (b) participating in cleaning, simple repairs and

(b) purchasing or controlling the purchase of NBJOUFOBODF PG CVJMEJOH JOUFS TVQQMJFT D UFOEJOH GVSODDFT BOE CPJMFS

D DPOUSPMMJOH TUPSBHFT BPOE PGTMFUBPGT QIQMJKBUFS (d) assisting in cases of minor injury or illness by SFHVMBUJOH DPOEVDU PG UFO

performing tasks such as taking temperature, such matters as noise abatement or misuse of HJWJOH NFEJDJOF BOE QVUQSPHPSQZBOEBHFT

F TXFFQJOH WBDVVN DMFBUEOH XBTIJOH HNBOM TFSWJD QPMJTIOH nPPST GVSOUJUVSFDIBOE BUDIFSQmYUHVSEFTMJWFSJFT P

(f) making beds, cleaning bathrooms and sup-QSPWJEJOH SFRVFTUFE JOGPSNBUJF QMZZJOH UPXFMT TPBQ B( ) Enosifying Management And Owners of build-

(g) taking care of household pets and plants, re-JOHT PG UIF OFFE GPS NBKPS SF DFJWJOH WJTJUPST BOTXgSalting Funding to Ensure Security FSJOH NFTTBHFT BOE TIPONCJJOHUBGJOS EHS P D F S J F T

(h) preparing and cooking meals, setting and mMMJOH PVU SFHJTUSBUJPO GPS DMFBSJOH UBCMFT BOE TFWsOwGoes of Bues. CFWFS

BHFT (i) cleaning kitchens and generally helping with kitchen work, including dishwashing. Examples of the occupations classified here: Caretaker Concierge (building)

Examples of the occupations classified here:

Bed and breakfast operator

Janitor

4FYUPO

Minor Group 516

**Other Personal Services Workers**

OUIFS QFSTPOBM TFSWJDFT XPSLFSTW S O D F V O O Q B S U P O E M S I W E  
WJEF DPNQBOJPOTIJQ BOE PUIFSE Q D F S P O G P M S B F O S J W B D M F T T Q H S S  
FNCB MNJOH BOE GVOFSBM TFSWFJDTFT BOE USBJO QFPQMF U  
5BTLT QFSGPSNFE VTVBMMZ JODMVEF N Q B O J T R O D I H Q I P P S P T W B P O F U T  
WJDFT BOE PUIFS QFSTPOBM TFSWJ D B F O T E U G P V O I M S J B F M U T F S W S D W T J E J G  
IBOEMJOH USBJOJOH BOE HSPPNODIHS BBOJUNVBBMMT E S J O W W S M D D U J O E H J  
ODDVQBUJPOT JO UIJT NJOPS HSPH V Q V B S U F H D S P B T O T T J m F E J O U P U I F

- 5161 Astrologers, Fortune-tellers and Related Workers**
- 5162 Companions and Valets**
- 5163 Undertakers and Embalmers**
- 5164 Pet Groomers and Animal Care Workers**
- 5165 Driving Instructors**
- 5169 Personal Services Workers Not Elsewhere Classified**

Unit Group 5161

**Astrologers, Fortune-tellers and Related Workers**

" T U S P M P H F S T G P S U V O F U S P M V B O J P O E B O E M W B B M E F U X T P Q L S F P S W J E  
S F D P V O U Q B T U B O E Q S F E O I D B U G V O E V S P W W S J O V T Q O F E Q F S G U  
T P O T M J W F T C Z Q S B D U J T J o y e r . B T U S P M P H Z P O U I F C B T J T  
of characteristics of the clients palms, samples B T L T J O D M V E F o  
P G Q M B Z J O H D B S E T E S B X O B P S Q P S U P W S E U O E I O P R N V O F B T O J P O T I J Q U P  
5 B T L T J O D M V E F o C Z B D D P N Q B O Z J O H I J N I F S U P W E  
B D B T U J O H I P S P T D P Q F T S F B C J O E J D V P O E V F S T M J T O H B B O E J O S B J S U  
or later to recount past and forecast future U J W J U J F T T V D I B T T Q P S U T  
F W F O U T B O E D P O E J U J P O T C P G B U T T J S J M H W J F O F O U F S U B J O J O H V  
(b) interpreting characteristics of clients palms, Q M P Z F S T I P N F  
samples of playing cards, position of tea D L F F Q J O H X B S E S P C F B O E Q F S T P O I  
M F B W F T P S D P F F S F N O B C e t h J o y e r O n G o o D o r . T I B Q F T  
B O E Q B U U F S O T P G C P O F T P G E F B B O J N B M T F U D  
D G P S F D B T U J O H G V U V S F E x a m p l e s o f t h e O c c u p a t i o n s C l a s s i f i e d H e r e I F T F  
J O U F S Q S F U B U J P O T C o m p a n i o n  
E E F U F S N J O J O H B V T Q J D J P V P e r s o n a l m a i d G P S W B S J P V T  
I V N B O B D U J W J U J F T T V D I B T V a l e t B V H V S B U J P O T N B S  
riages, journeys and religious and other cer-  
F N P O J F T S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
F H J W J O H X B S O J O H T B O E # B V E U W J F S F o P O Q P T T J C M F  
D P V S T F T P G B D U J P O % B O D J O H Q B S U O F S o  
G B E W J T J O H J O E J W J E V B M T 4 P O J O S M F F B D P S P O O U P C F  
U B L F O U P B W P J E F W J M J O n V F O D F T

Unit Group 5162

**Companions and Valets**

Examples of the occupations classified here:

" T U S P M P H F S  
Fortune-teller  
Numerologist  
Palmist

Unit Group 5163

**Undertakers and Embalmers**

Undertakers and embalmers arrange funerals  
B O E Q F S G P S N W B S J P V T U B T L T J O U  
human remains.  
5 B T L T J O D M V E F o

Some related occupations classified elsewhere:

8 J U D I E P D U P S o  
' B J U I I F B M F S o

(a) making arrangements for and conducting fu-  
O F S B M T D S F N B U J P O T B O E C V S J B M

(b) embalming human remains to retard decay. Examples of the occupations classified here:  
B S S F T U U I F Q S P D F T T P G E F " D O B J N B M B U U F O E B O U

(c) conforming to health and sanitation and en- % P H U S B J O F S  
T V S J O H U I B U M F H B M S F R V H S E N F E A R T D P O D F S O J O H  
F N C B M N J O H B S F N F U Veterinary aide  
E J O D J T J O H B O E D M P T J O H J O D Z O K E P E P O W B S J P V T Q B S U T  
of the body and reshaping or reconstructing  
disfigured or maimed human remains when  
O F D F T T B S Z

(e) dressing human bodies and placing them in  
D B T L F U T Unit Group 5165  
G D P O E V D U J O H J O U F S W J D R I V I N G I N S T R U C T O R S S S B O H F G P S Q S F Q  
paration of obituary notices, to assist with the  
selection of caskets or urns, and to determine  
the location and time of burials or cremations. S J W J O H J O T U S V D U P S T U F B D I Q F P O  
N P U P S W F I J D M F T  
5 B T L T J O D M V E F o

Examples of the occupations classified here:  
Embalmer  
Undertaker

Unit Group 5164

**Pet Groomers and Animal Care Workers**

Pet groomers and animal care workers feed, handle,  
U S B J O B O E H S P P N B O J N B M T B O E D B I T O J T R U V W F U F S S B O E V S J S B O E G P S  
animal health technologists and technicians in  
W F U F S J O B S Z G B D J M J U J F T B O J J N B M V T U F S N U F O T H B O S E F F E Y O M B J O J  
and boarding kennels, zoos, laboratories, retail  
pet shops, riding schools, dog training schools E S J W J O H U F D I O J R V F T - V T J O H C M I  
and pet grooming and similar establishments. H S B N T B O E B V E J P W J T V B M B J E T  
5 B T L T J O D M V E F o

Examples of the occupations classified here:

(b) leading or carrying animals to treatment % S J W J O H J O T U S V D U P S  
S P P N T B O E I P M E J O H U I F N E V S J O H U S F B U N F O U  
D D M F B O J O H B O E T U F S o m e r e l a t e d o c c u p a t i o n s c l a s s i f i e d e l s e w h e r e : V S H J D B M  
J O T U S V N F O U ' M Z J O H J O T U S V D U P S o

(d) labelling drugs, chemicals and other phar-  
maceutical preparations and replenishing  
T U P D L  
F T U F S J M J J O H C P U U M F T C F B L F S T B O E P U I F S F R V J Q  
N F O U Unit Group 5169

(f) cleaning, organizing and disinfecting animal **Personal Services Workers**  
R V B S U F S T T V D I B T Q N O T E l s e w h e r e c l a s s i f i e d M F T D B H F T B O E  
Z B S E T B O E B O J N B M F R V J Q N F O U T V D I B T T B E E M F T  
B O E C S J E M F T 5 I J T V O J U H S P V Q D P W F S T Q F S T P O B M

(g) collecting and recording animal informa-  
tion such as weight, size, physical condition, F S T P O B M 4 F S W J D F T 8 P S L F S T ' P  
U S F B U N F O U T S F D F J W F E X I I P E J O S R U W P O F H B S W W O D B O E B O E D P N Q  
G P P E J O U B L F dancing partners, social escorts and night-club

I U S B J O J O H B O J N B M T U P H o s t e s / s e r v i c e c o n s o r t s B O E M S I J O U B E O E F  
T J S F E C F I B W J P V S T G P S D P N Q F U D U J D O T F F T O W B S T L E J O P V M E J O D I  
ment, obedience, security, riding and other (a) accompanying clients to restaurants and  
B D U J W J U J F T P U I F S P V U J O H T

(i) grooming animals by performing tasks such **C** B D U J O H B T B E B O D J O H Q B S U O F S  
as washing, brushing, clipping and trimming (c) welcoming clients to a night-club and en-  
coats, cutting nails and cleaning ears. s u r i n g t h a t t h e y a r e e n t e r t a i n e d w e l l .

Examples of the occupations classified here: Note

Club host

\$ P V O U S J F T U I B U I B W F B S F R V J S F N F O U U P

Club hostess

P O U I P T F X I P Q S P W J E F T F Y V B M T F S W J D F T U P

% B O D J O H Q B S U O F S

N F S D J B M C B T J T T I P V M E J O D M V E F U I F N J O

Social escort

1 F S T P O B M 4 F S W J D F T 8 P S L F S T / P U & M T F X I

U I F S F J T B O F F E J O O B U J P O B M B E B Q U

Some related occupations classified elsewhere

identify this group separately from other occupations in-

\$ P N Q B O J P O o

D M V E F E J O 6 O J U ( S P V Q V T F P G 6 O J U

is recommended for this purpose.

Sub-ma-or Group 52

Sales Workers

Sales workers sell and demonstrate goods in wholesale or retail shops, at stalls and markets,

E P P S U P E P P S W J B U F M F Q I P O F P S B Z V S T F U D P P N S F E S B D O P E O U B B D U F Q D J F Q U B  
N F O U G P S H P P E T B O E T F S W J D F T Q V U S E J I M I T P E U U M O B T N B S P N Q F S J B  
Q F S G P S N B O D F J O N P T U P D D V Q B U J P O I J M O M T I B U T U V E N B K P S E H  
T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z X P S L F S T J O U E F I J T F T W M J N B K P S P H E S T P V O X  
T B M F P S S F U B J M F T U B C M J T I N F O W P E B U P S T U S V F J B U - U P F S M N B I S L O F U P S  
U P N F S D P O U B D U D F O U S F T E F N P O T U F S C B U J J B O M H B V O T E U P N F S M B Z F O M H M  
T F S W J O H G P P E G P S J N N F E J B U F D U P S O F T F V U N Q O V Z D O B U P S P D V D O U F S B  
B S F H V M B S T V Q Q M Z P G Q S P E V D U H W I P P C E T G P N E T B T M J B B L O J E O H S B O Q  
P S Q B D L J O H H P P E T T P M E E F U F S M I O W D M T Q S P S E W D U P E N J U P T U F  
P Q F S B U J O H D B T I S F H J T U F S T P Q U J D B S M F O R S J J O F N F T O U B U O P F S F D P S P E N  
B D D F Q U Q B Z N F O U G P S U I F Q V S D I B P T O P G H I P P F E S T X B O S E L F T S F T S W B Z  
S F R V J S F E J O T P N F P D D V Q B U J P O T D M B T T J m F E I F S F

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H Q N J B O S P F S D H M S B T V O T J m F E J O U

521 Street and Market Salespersons

522 Shop Salespersons

523 Cashiers and Ticket Clerks

524 Other Sales Workers

Note

4 I P Q N B O B H F S T B O E T B M F T N B O B H F S T B D S H F D S M B T S F J D n I F O E J D I D M . B N I F S E J ( O S P M Q B O  
J O G P S N B U J P O B O E D P N N V O J D B U J P O S T F U D F N B O F M n P I H E Z J T O B M E F K T P Q S ( P S P A V T O T J P O 1 B S M P G  
T J P O B M T \$ P N N F S D J B M T B M F T B O B O D F V E S O B O D W I S E S F F Q S C I S T P L O F S B U J B A S F T D N B D E T d n r  
. B K P S ( S P V Q 5 F D I O J D J B O T B O E W T F O P E D P S B T U F F Y D I M G V F E T J T O J H P O G B P M P E B S S F D M B T  
J O . B K P S ( S P V Q & M F N F O U B S Z O D D V Q B U J P O T

Minor Group 521

Street and Market Salespersons

Street and market salespersons sell goods from stalls on markets or in streets and prepare and  
T F M M I P U P S D P M E G P P E B O E C F W B S B B O F T J O S F T B L E S Z F G B S J B N O N E F E O  
places.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F T U B O U E B B O J O H Q O S S I N D T V M B C  
J O T U S F F U T N B S L F U T P S P U I F S O I P T O P O U Q F B D B S F P S U C P V Z T J O N  
D P O U S B D U J O H B S F H V M B S T V Q Q M Z P G T N E S P U E M D O H U B B O V M T P M O E  
U S B O T Q P S U J O H T U P S J O H M P B E J O T H B D I E J O O M P B T E Q M I B Z Q S P H E B D U E T T  
H P P E T G P P E B O E E S J O L T B O E B D D F Q H J O P P Q B Z T N P M D E U O X S S F B O O B O S J U  
G P P E B O E E S J O L T G P S T B M F Q V T I S J O T H W S F Z B M T M J O H S B P Z S T D P B S S C O  
to bring food and drinks to the desired place in the street, or to public places such as stations

P S D J O F N B T L F F Q J O H B D D P V O U T M B W E M N F B J O U B J O J O H B S F D  
O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V O B S U F H D S M P B T O T T J m F E J O U P U I F

5211 Stall and Market Salespersons

5212 Street Food Salespersons

Note

Vendors in streets and public places of non-food items (or of pre-packaged non-perishable food items  
T V D I B T D P O G F D U J P O F S Z G S P N Q V S I F D B S M B I T T U S V B L J O U J S C B P Z S T ( P S S P V C O B T L F U T 4 U  
7 F O E P S T F Y D M V E J O H P P E



Unit Group 5211

Stall and Market Salespersons

4 U B M M B O E N B S L F U T B M F T O F S T P O T P S D P V O U F S B U U F O E B O U T H F O F S B M M Z T F S W F B  
G S P N T U B M M T J O P Q F O B J S P S D P W F S F F N B S L F U T P S  
from stalls in streets or other open spaces.

of food items for immediate consumption is to ensure  
U I B U K P C T U I B U S F R V J S F T L J M M T J O T F S W J  
B O E I Z H J F O J D I B O E M J O H P G G P P E B S F W J T  
D P V O U F S B U U F O E B O U T H F O F S B M M Z T F S W F B  
elaborate products and meals than street food salesper-  
sons and do not generally transport food using, or sell

5 B T L T J O D M V E F o

G P P E G S P N F R V J Q N F O U T V D I B T I B O

- (a) obtaining permission to set up a stand at a particular place in streets, markets or other

baskets.

C E F U F S N J O J O H Q S P E V D M F W F M T G P S H P P E T U P

Unit Group 5212 U P D L B O E Q S J D F  
Street Food Salespersons

- (c) buying or contracting a regular supply of goods to be sold from wholesale suppliers

Street food salespersons prepare and sell, or sell

- (d) erecting and dismantling stalls and stands and transporting, storing, loading and unloading

stands ready for immediate consumption in streets and public places such as stations, cinemas or theatres.

- (e) demonstrating and selling goods and accessories

5 B T L T J O D M V E F o

- (f) stacking and displaying goods for sale, and

(a) obtaining permission or a licence, where re-

- (g) keeping accounts and maintaining a record

C P C U B J O J O H G P P E B O E E S J O L T G P

Examples of the occupations classified here:  
Kiosk salesperson  
. B S L F U T U B M M I P M E F S  
. B S L F U W F O E P S  
Street stall sales assistant

- (c) preparing, either beforehand or on the spot, loading and unloading, pushing, pedalling or carrying handcarts, trucks, trays or baskets to bring food and drinks to the desired place in the street, or to public places such as stations

Some related occupations classified elsewhere:

- (e) displaying and selling food and drinks and accepting payment.

4 U S F F U G P P E W F O E P S o  
4 I P Q L F F Q F S o  
4 I P Q T B M F T B T T J T U B O U o  
' P P E T F S W J D F D P V O U F S B U U F O E B O U T H F O F S B M M Z T F S W F B  
4 U S F F U W F O E P S F Y D M V E J O H G P P E o

Examples of the occupations classified here:  
Hawker (food)  
U U F O E B O U T 7 F O E P S T J O T U S F F U T B O E  
G P P E B O E C F W F S B H F T G P S J G S N V U J B U F F H F U B C M V F N Q U N J F B O B O P N E B J S Z Q S

Notes

Vendors from street and market stalls of fresh food products not intended for immediate consumption (such as pushcarts, trucks, trays or baskets) are classified in Unit 60JU (SPVQ) if they prepare simple food items for immediate consumption

Some related occupations classified elsewhere:  
\$ P P L o  
' P P E T F S W J D F D P V O U F S B U U F O E B O U T H F O F S B M M Z T F S W F B  
' B T U G P P E Q S F O B S F S o  
4 U S F F U G P P E W F O E P S o  
4 U S F F U W F O E P S F Y D M V E J O H G P P E o

pushcarts, trucks, trays or baskets are classified in Unit 60JU (SPVQ) if they prepare simple food items for immediate consumption

Vendors from street and market stalls of fresh food products not intended for immediate consumption (such as pushcarts, trucks, trays or baskets) are classified in Unit 60JU (SPVQ) if they prepare simple food items for immediate consumption

and public places of non-food items (or of pre-packaged non-perishable food items such as confectionery) from pushcarts, trucks, trays or baskets are classified in Unit 60JU (SPVQ) if they prepare simple food items for immediate consumption

and public places of non-food items (or of pre-packaged non-perishable food items such as confectionery) from pushcarts, trucks, trays or baskets are classified in Unit 60JU (SPVQ) if they prepare simple food items for immediate consumption

Fast Food Preparers.

pushcarts, trucks, trays or baskets are classified in Unit 60JU (SPVQ) if they prepare simple food items for immediate consumption

If adapting these categories to national circumstances

pushcarts, trucks, trays or baskets are classified in Unit 60JU (SPVQ) if they prepare simple food items for immediate consumption

who prepare simple food items for immediate consumption. They are often found in street food stalls, food carts, and food trucks. They may also be found in small shops and markets. They are responsible for preparing and serving food items such as sandwiches, burgers, pizzas, and other fast food items. They may also be responsible for cleaning and maintaining the food preparation area. They are often found in urban areas and are an important part of the food service industry.

**Minor Group 522  
Shop Salespersons**

4 I P Q T B M F T Q F S T P O T T F M M B S B O P H E I P G Q M E M E D B O E P D F S C W U B M S F U B J M B O E X I P M F T B M F F T U B C M J T B N E O R V B M I U F Z J F Y Q M C B J W I R T I F B O E T F S W J D F T B O E N B Z P Q F S B U F W T U N B M T M P T G P Q I T P Q S T B W Q F F T S V B J T T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F T B O L E F S B W O J T O H H D P O U E N P S S B O H F Q S J D F E F M J W F S Z X B S P D O U S B U J B E F O Y S O P M E V J D O W O V H T F M M J O H H P P E T B O E T F S W J D F T U H P P E V T T U P O N E F S T S V B D D F T Q U Z O B V B P G Q B Z N F O U N F U I P E T B O E Q S F Q B S S J O H T T U B M F O H J X W L P I J W I F F P O H I P N B O B H F N F O U P G T U P D L T V D I B T J Q I S P J E O V D T W P J D L W U F B L W F P T S J F T B D B O E E J T Q M B Z J O H H P P E T G P S T B M F P N B E E X F S U B F C S Q J W O H O H O Q S C P E V D U J O H T U P D L B O E Q S J D F M F W F M T G P S P B I P O E B U U O H C E I F P B I D E U J W W J O B S V W

and cashiers. O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B / T Q T T J m F E J O U P U I F

- 5221 Shopkeepers
- 5222 Shop Supervisors
- 5223 Shop Sales Assistants

**Unit Group 5221  
Shopkeepers**

Shopkeepers operate small retail shops either independently or with support from a small number of others.

- (a) purchasing and ordering goods for sale from suppliers
- (b) budgeting and maintaining records of stock
- (c) determining prices and displaying goods for sale

Some related occupations classified elsewhere:

4 I P Q N B O B H F S o . B S L F U T U B M M I P M E F S o

Only operators of small shops for whom the management tasks are performed. Operators of shops where management tasks and supervisory duties are performed do not take responsibility for the shop. U I F X P S L B S F D M B T T J m F E J O 6 O J U ( S P V Q W F T J P O M F E T U B B S F T J H O J m D B O U B O E G S M F X P S L B S F D M B T T J m F E J O 6 O J U ( S P V Q B O E M P U B M S T V B O E M B J F S H F S T 4 U B X I P D P O C K F B D U J W J U J F T P G T I P Q T B M F T B T T J T U B O U M F W F M T B O E m O B O D J B M U S B O W K O S U B J P O T G P S E F U F S N J O J O H Q S P E V D U N J Y P W F S B M M C V E H F U T T U B O H M F W F M T T F M F D U J P O B D M B T T J m F E J O 6 O J U ( S P V Q F T F M M J O H H P P E T U P D V T U P N F S T B O E B E W J T J O H U I F N 4 I P Q 4 V Q P O Q S P E V D U V T F G F Y B N J O J O H S F U V S O F E H P P E T B O E E F D J E J O H P O B Q Q S P Q S J B U F B D U J P O H U B L J O H J O W F O U P S Z P G H S P E T J O T U P D L

Examples of the occupations classified here: Newsagent Shopkeeper

4 I P Q T V Q F S W J T P S T T V Q F S W J T F B O E B D U J W J U J F T P G T I P Q T B M F T B T T J erators and other workers in retail and wholesale shops such as supermarkets and department stores.

5 B T L T J O D M V E F o Unit Group 5223

(a) planning and preparing work schedules a Shop Sales Assistants  
 B T T J H O J O H T U B U P T Q F D J m D E V U J F T

(b) instructing staff on sales procedures, Shop sales assistants sell a range of goods and  
 D M V E J O H I P X U P I B O E M F T E S W V M E T P E J D S P N D Q U M M F Y U P U I F Q V  
 D B T F T S F U B J M B O E X I P M F T B M F F T U B C M J T I N  
 D F O T V S J O H U I B U D V T U L P I N F S V O S F U D P O W F B O E S P R N O B M J T U F J \$ T P G  
 W J D F T F S W J D F T

E Q B S U J D J Q B U J O H J O 5 B T D T E J O D S M P W E B E o J O H B E W J D F U P  
 N B O B H F S T P O J O U F S W J F X B O H E F U J F S S I N O H O J O S B D O J T O H P N F S S F R V  
 F W B M V B U J O H Q S P N P U J O H W O E J O H T N O T O S O H V D W B S B O H F Q S J D F  
 B O E S F T P M W J O H T U B H S J F S A B O O D F T B O E Q S P E V D U V T F B O E D B  
 F F Y B N J O J O H S F U V S O F E H C P E E T F N P O E T E S B U B O H H B O E F Y Q M B J O J C  
 B Q Q S P Q S J B U F B D U J P O U I F F T U B C M J T I N F O U T H P P E T B O E T  
 G U B L J O H J O W F O U P S Z P G T H F M P M T J O G H P S H P T F B E M F F - B O O C E T F S S W  
 E F S J O H O F X T U P D L N F O U C Z B W B S J F U Z P G Q B Z N F O U M  
 H F O T V S J O H U I B U H P P E T B S B O H T F M M T J D O W P B S F T D B P O S E S I  
 S F D U M Z Q S J D F E B O E E J T O M V Z F O H D B T I S F H J T U F S T

(h) ensuring that safety procedures are enforced assisting with the ongoing management of  
 T U P D L T V D I B T Q S P E V D U J O W F O U P

Examples of the occupations classied here: U J D J Q B U J O H J O T U P D L U B L F T  
 \$ I F D L P V U T V Q F S W J T P S (e) stacking and displaying goods for sale, and  
 4 V Q F S N B S L F U T V Q F S W J T P Swrapping and packing goods sold.

Some related occupations classied elsewhere: Examples of the occupations classied here:  
 4 I P Q N B O B H F S o Salesperson (retail establishment)  
 4 U S F F U T U B M M T B M F T Q F Salesperson (wholesale establishment)  
 4 I P Q L F F Q F S o Shop assistant

Note Some related occupations classied elsewhere:  
 Operators of small shops for whom the management and 4 I P Q N B O B H F S o  
 T V Q F S W J T J P O P G T U B B S F O P U B T J P O L m P B M U F P O H S T P O U o P G  
 U I F X P S L B S F D M B T T J m F E J O 6 O J U ( S P V Q F U T B M F T Q F S T P O o  
 4 I P Q N B O B H F S T X I P J O B E E J U J P O U P T V Q F S W J T J P O P G T U B o  
 perform management tasks such as determining product 4 U S F F U T U B M M T B M F T Q F S T P O o  
 N J Y P W F S B M M T F U U J O H P G Q S J D F T 4 U S F F U G P P E W F O E P S o  
 D J T J P O T P O T U B M F W F M T T F M F D U T P O B O E F S F D S V O U N F O U B S F D M B T  
 T J m F E J O 6 O J U ( S P V Q 3 F U B J M B F O L E B M U M P T O M S B U P S E F O  
 . B O B H F S T ' P P E T F S W J D F D P V O U F S B U U F O E I

Minor Group 523  
**Cashiers and Ticket Clerks**

Cashiers and ticket clerks operate cash registers, optical price scanners, computers or other  
 F R V J Q N F O U U P S F D P S E B O E B D D F O U T C F S X M J D O U B O S B E N J O V S P  
 in settings such as stores, restaurants and ticket o ces.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F C Z S H D B F T J I W J O H F B O E W F S F  
 D B S E P S B V U P N B U J D E F C J U J O T C M S J F T T I N F U O W T L F U H J P W D O H D S B O J H F  
 J T T V J O H S F D F J Q U T J T T V J O H U J S S F T O P B O L E J U O J H L C F B J Z R F D E U T B O E V O  
 B O E S F D P S E J O H N P O F Z S F D F J W F D B F S S O F B J J E T U P F V S U T B M E T C S F M D B  
 S F D F J W J O H J O D P N J O H D B T I D I F I D S J O P I D J U N F B O H L T J O B O E T B N S F O B T S M  
 G P S E F Q P T J U B U B C B O L P Q F S B B M O T H U D B C I F S O F B J J E T U G F S S P T N U P P S D U B P  
 T D B O O J O H X F J H I J O H B O E S F D P S E O O M H O S O B F N F B O I B O E E T F X O B O E  
 O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V O B S U F H S M P B V T O T J m F E J O U P U I F  
**5230 Cashiers and Ticket Clerks**

Unit Group 5230

Cashiers and Ticket Clerks

- (f) operating cash registers to calculate totals to CF Q B J E G S P N P S U P D M J F O U T
- (g) scanning, weighing and recording prices of

Cashiers and ticket clerks operate cash registers, optical price scanners, computers or other wrapping and placing merchandise in bags. Examples of the occupations classified here: Q V S D I B T F P G H P P E T T F S W J D F T B O E B D D F Q U Q B Z N F O U G P S U I F

things such as stores, restaurants and ticket offices. Checkout operator 5 B T L T J O D M V E F o 4 F S W J D F T U B U J P O D B T I J F S  
 B S F D F J W J O H B O E W F S J C S W O D H F Q U B B Z U N P O U D P O Z P N B T P Q F S  
 D I F R V F D S F E J U D B S E S t o r e c a s h i e r P N B U J D E F C J U J O  
 T U P S F T U J D L F U P D F T P S T J N J M B S U F T U B O M O H I N D F M U S L F O U F S U  
 C H J W J O H D I B O H F B O E J T T V J T O H P S S U F D C F H Q U W F O U T

- (c) issuing tickets for attendance at sporting and

D V M U V S B M F W F O U T Some related occupations classified elsewhere:  
 E D P V O U J O H B O E S F D P S E S J O D H L F N J P O T F T Z V J S O F H D H J M F S E P U S S B W F M  
 paid out and balancing against cash register \$ I F D L P V U T V Q F S W J T P S o  
 T B M F T S F D P S E T 4 I P Q T B M F T B T T J T U B O U o  
 F S F D F J W J O H J O D P N J O H D B 7 I F S W U D F L J O B U J P O B B B W O O B O U o  
 sales slips and other documents, and preparing it for deposit at a financial institution

Minor Group 524

Other Sales Workers

O U I F S T B M F T X P S L F S T E J T Q M B Z E C F N P T O F T S U W B D I F T B O W T T V F M M M M H P  
 H F O F S B M Q V C M J D J O D P O U F Y U T T B U I E S T I U I O D T S B I M F T H S O V N O B S O F D  
 T B M F T X P S L F S T O P U D M B T T J m F E L F O 4 J B C M P F S T Q S P T V R O T T 4 U I S  
 4 B M F T Q F S T P O T B O E \$ B T I J F S T B O E 5 J D L F U \$ M F S L T

5 B T L T Q F S G P S N F E N B Z J O D M V E F E J T G P N S B Z B O M H F B O E P E F O P O G P S  
 U P H S B Q I T m M N B O E W J E F P B E W F S U J T J O J H D T S J B M M J P O P U B O S  
 R V F T U J P O T B O E P F S J O H B E W J D F U P O L J O H V P S F E P S G F H B P O P E T N B I O J E O H F  
 S B O H F N F O U T G P S Q B Z N F O U E F M J O N S P S A Z J B J O P E O D P R G M T F F S D W U J J D P F O T P  
 H P P E T B O E T F S W J D F T B O E T P M J D J U J J B M I D V T W O N F T S T C Z C Z B O H P S O B I D  
 E P P S U P E P P S P S V T J O H U I F U F M F Q B R J O P O P T S N P U E J F S F T V F R M M S O E J  
 M V C S J D B O U T B O E P U I F S B V U P N S P W W E J O S I P E N S W J D B O T V F S W B D  
 M J O H D M F B O J O H M V C S J D B U J O H P B S O W R O B S O M F F S T N J O H N J O P S S F O  
 O D D V O B U J P O T J O U I J T N J O P S H S P H Q V O B S U F H D S P B T O T T J m F E J O U P U I F

- 5241 Fashion and Other Models
- 5242 Sales Demonstrators
- 5243 Door-to-door Salespersons
- 5244 Contact Centre Salespersons
- 5245 Service Station Attendants
- 5246 Food Service Counter Attendants
- 5249 Sales Workers Not Elsewhere Classified

Note

4 B M F T N B O B H F S T B S F D M B T T J m F E O I O B J O E P S F W P W C P O N F O U B N B O T B H F S S L F B F D I  
 O J D B M N F E J D B M B O E \* \$ 5 T B M F S Q S S P V G F T T J P O 4 B M F T F B S F B S M B U T J O H F  
 1 V C M J D 3 F M B U J P O T 1 S P G F T T J P O B S M O S F S T F N O U F B S U J J A B A M B S M F D T M B O E J J m O F T E V S O  
 ( S P V Q 4 B M F T B O E 1 V S D I B T J O H " H F O U T B O E # S P L F S T

Unit Group 5241

**Fashion and Other Models**

Fashion and other models wear and display clothing and accessories and pose for photography or for artistic creation.

- (a) dressing in sample apparel of new or current
  - (b) walking, turning and posing to demonstrate of garments, fashion accessories and other
  - (c) posing as subject for sculpture, painting and
  - (d) posing for still photography for magazines
- Examples of the occupations classified here:  
 " E W F S U J T J O H N P E F M  
 " S U J T U T N P E F M  
 Fashion model

Some related occupations classified elsewhere:

" D U P S o

Unit Group 5243

**Door-to-door Salespersons**

Business for establishments by approaching

- (a) recording orders and transactions and
  - (b) demonstrating or describing goods or services
  - (c) distributing letters, information sheets and
- Examples of the occupations classified here:  
 transporting samples or goods for sale.

Examples of the occupations classified here:

% P P S U P E P P S T B M F T Q F S T P O  
% P P S U P E P P S T B M F T S F Q S F T F O U B  
Party plan salesperson

Some related occupations classified elsewhere:

\$ P N N F S D J B M T B M F T S F Q S F T F O U B U  
4 U S F F U W F O E P S o

Unit Group 5242

**Sales Demonstrators**

Sales demonstrators demonstrate goods at com-

5 B T L T J O D M V E F o

- (a) setting up displays and demonstrating goods for sale to inform customers about their characteristics and mode of use, as well as
- (c) selling goods or directing customers to sales
- (d) taking orders and making arrangements for

Examples of the occupations classified here:

% F N P O T U S B U P S  
Sales merchandiser

Some related occupations classified elsewhere:

. B S L F U T B M F T Q F S T P O o  
4 U S F F U T U B M M T B M F T o  
% P P S U P E P P S T B M F T Q F S T P O

**Contact Centre Salespersons**

- (a) setting up displays and demonstrating goods for sale to inform customers about their characteristics and mode of use, as well as
- (c) selling goods or directing customers to sales
- (d) taking orders and making arrangements for

or in a contact centre or from non-centralized premises.  
following scripts and

(c) arranging processing and dispatch of goods  
arranging appointments for sales represent-

(e) recording notes for follow-up action and such as assistance with fuel, lubricants, cleaning and  
EBUJOH NBSLFUJOH EBUBOUBTUFQUBOBSFBSDFYDIBVDFETGSPN 6OJU (

UP UIF TUBUVT PG FBDI WJDFUJPNJPO "UUFQEBOUT  
G SFQPSUJOH DPNQFUJUPS BDUJWJUJFT BOE JTTVFT  
SBJTFE CZ DPOUBDUT GPS BUUFOUJPO CZ NBOBHFT

(g) maintaining statistics of calls made and suc- Unit Group 5246  
DFTTFT BDIJFWFE

(h) submitting periodic reports on telemarketing Food Service Counter Attendants  
BDUJWJUJFT BOE SFTVMUT

Examples of the occupations classified here: at food counters and nish preparation of simple  
'PPE TFSWJDF DPVOUFS BUUFOEBOUT

Call centre salesperson food items in restaurants, cafés, hotels, fast food  
Customer contact centre salesperson outlets, cafeterias, hospitals and other settings.

Internet salesperson 5BTLT JODMVEF o  
5FMFNBSLFUFS B TFSWJOH GPPE UP DVTUPNFST B

5FMFNBSLFUJOH TBMFT of assisting the products desired by cus-  
tomers, assisting them in making choices and

Some related occupations classified elsewhere: UBLJOH PSEFST  
\$POUBDU DFOUSF JOGPE

(e) cleaning, peeling, slicing and trimming food-  
TUV T VTJOH NBOVBM BOE FMFDU

(d) preparing simple food items and reheating  
QSFQBSFE NFBMT

(e) portioning and wrapping food or placing it  
EJSFDUMZ PO QMBUFT GPS TFSWJ

4FSWJDF TUBUJPO BUUFOEBOUT BDLBMMJQHVMFLMVBZJGBRDEUT  
BOE PUIFS BVUPNPUJWF QSPEDUUPBOEONSPWGE#HFS#SUPST BOE

WJDFT TVDI BT GVFMMJOH DMPBBOBHLMVCJSDBSUJJOHSEBTOEPG UI  
QFSGPSNJOH NJOPS SFQBJST GPPE NPUFS WFIJDMFT

5BTLT JODMVEF o I SFDFJWJOH QBZNFUO GPS GPPE J  
B mMMJOH GVFM UBOLT BOE DPOUBJOFST UP MFWFM TQFD

JmFE CZ DVTUPNFS Examples of the occupations classified here:  
C DIFDLJOH BOE SFQMFOJTIJOFHBJJUSPSTF JO WF

IJDMF UZSFT PJM BOE PUSLJDMF nVJE MFWFMT  
D XBTIJOH WFIJDMF XJOETDSFFOT BOE XJOEPXT

E QFSGPSNJOH NJOPS Some related occupations classified elsewhere:  
such as replacing tyres, light bulbs and wind- \$PPL o

(e) maintaining and operating automatic car 8BJUFS o  
XBTI GBDJMJUJFT #BSUFOEFS o

(f) collecting payments from customers for pur- ,JPTL TBMFTQFSTPO o  
DIBTFT .BSLFU TBMFTQFSTPO o

(g) cleaning petrol pumps and surrounding 'BTU GPPE QSFQBSFS o  
ESJWFXBZT TIPQT BOE GBDJMJUJFT

(h) undertaking stock control and preparing re- Notes  
ports on fuel, oil, accessories and other items Vendors from street and market stalls of fresh food prod-  
sold. ucts not intended for immediate consumption (such as

Examples of the occupations classified here: GSVJU WFHFUBCMFT NFBU BOE EBSZ QSPED  
6OJU (SPVQ 4UBMM BOE .BSLFU 4BMFT

.BSJOB BUUFOEBOU and food items for immediate consumption are classified  
4FSWJDF TUBUJPO BUUFOEBOU 6OJU (SPVQ 'PPE 4FSWJDF \$PV

Some related occupations classified elsewhere: 7FOEPST JO TUSFFUT BOE QVCMJD QMBDFT PG  
4IPQ TBMFT BTTJTUBOU for immediate consumption from pushcarts, trucks, trays

4FSWJDF TUBUJPO DBTI salespersons. Vendors in streets and public places of non-  
'PPE TFSWJDF DPVOUF food items for off-premise sale of non-perishable food items

Note CBTLFUT BSF DMBTTJmFE JO 6OJU (SPVQ  
Workers who accept payment or sell goods in shops at YDMVEJOH 'PPE 8PSLFST XIP QSFQBSF TJ

TFSWJDF TUBUJPO CVU EP OP for immediate consumption, such as hamburger, T

CVU IBWF MJNJUFE EJSFDU DPOUBID Group 5249 MJFOUT BSF DMBTTJmFE  
JO 6OJU (SPVQ BTU PPE STOPST

**Sales Workers Not Elsewhere Classified**

If adapting these categories to national circumstances

QMFBTf OPUF UIBU UIF BJN PG T F Q B S B U J M Z J E F O U J G Z J O H W F O E P S T  
of food items for immediate consumption is to ensure

UIBU KPCT UIBU SFRVJSF TLJMMT JO F F S W J D F C B T J D Q S F O B S B U J P O  
Workers.

BOE IZHJFOJD IBOEMJOH PG GPPE BSF J E F O U J m F E ' P P E T F S W J D F  
elaborate products and meals than street food salesperson

Example of the occupations classified here:

and do not generally transport food using, or sell food Rental salesperson

GSPN FRVJQNFOU TVDI BT IBOEDBSUT CJDZDMFT PS CBTLFUT

Sub-major Group 53

Personal Care Workers

1 F S T P O B M D B S F X P S L F S T Q S P W J E G P S B D S I F M E V S O E S W O J B T U P F O O B O E B E  
D P O W B M F T D F O U P S E J T B C M F E Q F B S M P O F T U W O O H O T T U S B M Q F R U O B M O F  
N B O D F J O N P T U P D D V Q B U J P O T J O U M I T B W C U I N F B K I P S P I O S E P V Q S O F R L V J N I M T

5 B T L T Q F S G P S N F E C Z X P S L F S T J O E U F I J T B T T V J C T U N B O K H P S X J H S P N R C V  
X B T I J O H B O E P U I F S Q F S T P O B M O F M Z T U P B T M F B S I O O F P D U B M E S T L O M I  
W J T J O H B O E Q B S U J D J Q B U J O H J O Q I Z D J D B M U J F F D W B M U F O P E J O B O E  
J O U F M M F D U V B M E F W F M P Q N F O U P C O S S W S O B I U B O I E B S M Q I P S L S J O R D  
T F S W J D F X P S L F S T

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V Q J T m F E J O U

531 Child Care Workers and Teachers' Aides

532 Personal Care Workers in Health Services

Minor Group 531

Child Care Workers and Teachers' Aides

\$ I J M E D B S F X P S L F S T B O E U F B D I T F J S T O C B P I S E F D I J O M S P S M F J O E F J O D B T S D  
residential homes and child care facilities.

5 B T L T Q F S G P S N F E V T V B M M Z J O D Z M V E F M B B S O T T U P O H B M I J T M E M A M O T  
T U S B U J O H T V Q F S W J T J O H B O E Q C B S F U J D I F O C I U Z J O H B J N O B T D P U J M B M U J F F T N  
B O E J O U F M M F D U V B M E F W F M P Q N F O P P M P T G D B I T M I E S H O H J O O T D I S P P O M B T S  
P G N B U F S J B M T B O E F R V J Q N F O U G P O S B M I B N O E S W O U T J F F T E C D B B S P O  
B G U F S T D I P P M E V S J O H W B D B U J P O B O E J O E B Z D B S F D F O U S F T

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q C B S F I D S M P B T O T T J m F E J O U P U I F

5311 Child Care Workers

5312 Teachers' Aides

Unit Group 5311

Child Care Workers

H P C T F S W J O H B O E N P O J U P S J O H D I J  
U J W J U J F T

I L F F Q J O H S F D P S E T P O J O E J W J E V E

\$ I J M E D B S F X P S L F S T Q S P W J E M V D B O S H E B O U M Z V P C F S W W B J U J P O T B O  
for children in residential homes and in before- B C P V U B D U J W J U J F T N F B M T T F S W  
T D I P P M B G U F S T D I P P M W B D B U J P O B O E J O E B Z D B S F D F O U S F T

5 B T L T J O D M V E F o

- (a) assisting children to wash, dress and feed Examples of the occupations classified here:  
U I F N T F M W F T Babysitter
- (b) taking children to and from school or out- Child care worker  
E P P S T G P S S F D S F B U J P O Creche ayah
- (c) playing games with children, or entertaining Family day care worker  
U I F N C Z S F B E J O H P S T U P S Z U N A M Y J O H N a m y J o h
- (d) assisting in the preparation of materials and Out of school hours care worker  
F R V J Q N F O U G P S D I J M E S F O T F E V D B U J P O B O E S F D  
S F B U J P O B M B D U J W J U J F T Some related occupations classified elsewhere:  
F N B O B H J O H D I J M E S F O T C B S M V J D I V S M E B O R E E H F V E V D B O I R S o  
U I F J S T P D J B M E F W F M P Q N F O U
- (f) disciplining children and recommending or  
J O J U J B U J O H P U I F S N F B T V S F T U P D P O U S P M C F I B W  
ior, such as caring for own clothing and  
Q J D L J O H V Q U P Z T B O E C P P L T



Unit Group 5312

Teachers' Aides

(c) assisting children with intellectual, physical, CFIBWJJPVSBM BOE PUIFS MFBSOJ XJUI UIFJS TUVEJFT

5FBDIFST BJEFT QFSGPSN EPOBTFBTDUJOH EMJMESFO PJOEJWJEVB BTTJTU UFBDIJOH TUB -BOE TQSLMMTEF DBSF BOE TVQFS WJTJPO GPS DIJMESFO JO (e) T ASSISTING WITH PREPARING TEACHING MATERIALS, 5BTLT JODMVEF o and copying and collating written and printed B EFNPTUSBUJOH TVQFSWNBUCFHSJBOE QBSUJDDJQBUJOH JO BDUJWJUJFT UIBU FOIB GDF PUIFS G UZJTOH BBW E JTPVDJTBWB M FRVJQ FNPUIJPOBM BOE JOUFMMMF BOE BFMUIES WUFFNBDOJNOFHO UB JIE G DIJMESFO JO TDIPPMT BOE G DISTRIBUTING AND COLLECTING LESSON MATERIAL.

(b) preparing indoor and outdoor areas for

MFBSOJOH BOE SFDSFBU Examples of the occupations classified here: Pre-school assistant 5FBDIFS T BTTJTUBOU

Minor Group 532

Personal Care Workers in Health Services

1FSTPOBM DBSF XPSLFST JO IFBMBDIE TBTWJDBTO DQSPXW UEFN QESM BOE BDUJWJUJFT PG EBJMZ MJWDJOU UPO Q BELJTFBOUM FB OEF P MIFS M care and residential settings.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF FQ FBSTTTPJOT BMO H BCSBUBDEUD NVOJDBUJPO OFFET TUF SJMJ [JOHE TVE S M J D B M O BJO E PRUTIFS WJOOTW SFQPSUJOH DPODFSOT UP UIF BQQ X P Q ISFJSTUF QNSFFEOJDSJND HP SQ E P DF GPS FYBNJBOBUJPO BOE USFBUNFOU DBOEF QBS UJWB QWBUI E O B MTD QM

ODDVQBUJPOT JO UIJT NJOPS HSPHW Q B S U F H S P B V T O T T J m F E JOUP UIF

- 5321 Health Care Assistants
5322 Home-based Personal Care Workers
5329 Personal Care Workers in Health Services Not Elsewhere Classified

Unit Group 5321

Health Care Assistants

(c) positioning, lifting and turning patients and USBOTQPSUJOH UIFN JO XIFFMDIBJ BCMF CFET

)FBMUI DBSF BTTJTUBOUET NSPQWUJBEJJOJEHS QBUJFOEUST FOWMSF DBSF BOE BTTJTUBODF XJUJSTANDARDS SUCH AS CLEANING PATIENT ROOMS UP QBUJFOUT BOE SFTJEF BOE DDBCBHJWBISQFEU ZM PGFQFBMUI care settings such as hospitals, clinics and resi- QSPWJEJOH NBTTBHF -BOE PUIFS O EFOUJBM OVSTJOH DBSF GB Digital pain relief machines, such as sliding work in implementation of established care plans QSFHOBODZ BOE MBCPVS BOE QSDUJJDFT BOE VOEFSG UIFCFES S WDJUH VQBFUSJW DTWTPODPOEJUJ of medical, nursing or other health professionals CFIBWJJPVS BOE SFQPSUJOH DIBOHF or associate professionals. professional.

5BTLT JODMVEF o Examples of the occupations classified here: B QSPWJEJOH DBSF TVOOPSSUBOE USFBUNFOU UP patients and residents of medical, rehabilita- Birth assistant (clinic or hospital) UJWF BOE SFTJEF O U J B M D B S F G B D J M J U J F T B D D P S E J O H to treatment plans established by medical, Patient care assistant OVSTJOH BOE PUIFS IFBMUI QSPGFTTJPOBMT Psychiatric aide

(b) assisting patients with personal and therapeutic related occupations classified elsewhere: GFFEJOH ESFTTJOH - QIZT / VSTF QSPGFTTJPOBM o exercise, communication, taking oral medica- "NCVMBODF XPSLFS o UJPOT BOE DIBOHJOH ESFTTJOH BJEJ IPNF o

Note

8 P S L F S T X I P Q S P W J E F Q F S T P O B M D B S F N F E J D B M B O E L F B M U I F D B S F V G B D J M J U J F T U U J O F Q F S T P O B M D B S F B O E B T T J T U B O U T O V S T J O H U I T V B F S W J T J P O J F T Y D I P G E B J M Z M J W J O H U P T V D I B T O V U S J U J P O I Z H 8 P O E F S F Y B S D J F B M W I B S J F C S H W J D F T ' P S G P S J O G B O U T P S B E B Q U J G r o u p I n c l u d e s C a p a t i o n s s u c h a s d e n t a l a n d F N B J O U B J O J O H D M J F O U s t e r i l i z a t i o n d i s e p o s i t i o n o r d e r l y m e d i c a l f r o m F s t a n d a r d s , s u c h a s c h a n g i n g b e d l i n e a n d p h a r m a c y a i d e . w a s h i n g c l o t h e s a n d d i s h e s , a n d c l e a n i n g \* O T V D I D B T F T U B T L T X P V M E J O D I M J W J O H R V B S U F S T ( a ) c l e a n i n g a n d s t e r i l i z i n g s u r g i c a l , d e n t a l a n d G Q S P W J E J O H Q T Z D I P M P H J D p h a r m a c e u t i c a l i n s t r u m e n t s , n o t h e s , b e a k e r s B T U I S P V H I D P O W F S T B U J P O P S E S P E I E S D H F B M W F O U P S E S P E I E S D H F B M W F O U H Q M B O O J O H Q V S D I B T J J O n l a b e l i n g f o u n d s c h e m i c a l s a n d o t h e r p h a r m N F B M T U P N F F U O V U S J U J P O n e a u t i s a l p r e p a r a t i o n s a n d t r e p a d i s h i n g Q S F T D S J C F E E J F U T T U P D L P O T I F M W F T

centres, residential nursing care facilities and nursing health professionals, or performing other errands. PS BTTPDJBUF QSPGFTTJPOBMT BSF DMBTTJmFE JO 6OJU (SPVQ )FBMUI \$BSF "TTJTUBOUT Examples of the occupations classified here: TPOBMBDBSFUP SFTJEFOUT PG JOE Home birth assistant JOH VOJUT HFOFS BMMZ XJU IPVU QFSNBOFOU NFEJ Home care aide STJOH TVQFSWJTJPO TIPVME CF DMBTTJmFE JO 6OJU ( Nursing aide (home) )PNF CBTFE Personal Care Workers. In general, workers classified in 1FSTPOBMBDBSFOSPWJEFS .JOPS (SPVQ 1FSTPOBMBDBSF 8PSLFSSTJO)FBMUI 4FS WJDFT EP OPU QFSGPSN UBTLT SFRVJSJOH FYUFOTJWF NFEJDBM knowledge or training, such as administering medication. Some related occupations classified elsewhere: UJPOTBOEDMFBOJOHBOEESFTTJOH/VSTFQSPGFTTJPOBMBG O this type are performed they are of a simple and routine 4PDJBMXPSLFSQSPGFTTJPOBMB /VSTF BTTPDJBUF QSPGFTTJPOB 4PDJBMXPSLFS BTTPDJBUF QSP /VSTJOHBJEFDMJOJDPSIPTO

Unit Group 5322

Home-based Personal Care Workers

Note 8PSLFSSTXIPQSPWJEFQFSTPOBMBDBSF NFEJDBMBOE LFBMUIFBMUIFDBSFVGBDJMJUJFTU )PNFCBTFEQFSTPOBMBDBSNFEPDIPMTPSOVSTJOHUITVBSWJTWJPOJFTYDI UJOFQFSTPOBMBDBSFB OEBTJTUBOUTOVSTJOHUITVBSWJTWJPOJFTYDI nursing care homes), and therefore work under the direct TVQFSWJTJPOXPLGIFBMUIOSP GFTTJPOBMT PG EBJMZ MJWJOH UP T V D I B S F E V F U P F F D U T P G P B H F J O H B S F J M M O F T J M F E J J O K Y S Z U ( S P V Q T V D I D B S F E V F U P F F D U T P G P B H F J O H B S F J M M O F T J M F E J J O K Y S Z U ( S P V Q PS PUIFS QIZTJDBM PS NFOU T B M U D O U T E J U P P L O S T X O P Q S P W J E F Q F S T P O B M homes and other independent residential settings. Independent residential settings (including retirement communities with minimal or no on-site medical or nursing 5BTTLT JODMVEF O TVQFSWJTJPO BSF DMBTTJmFE JO 6OJU

(a) assisting clients with personal and therapeutic care needs such as personal hygiene, feeding, dressing, physical mobility and F Y F S D J T F D P N N V O J D B U J J M B C P V S L C V U O P U E F M J W F S Z D B S F U P S F E Y I C O D M V E F E I F S F \$ B S F X P S L F S T X I P Q S P W J E J O H U T J P O G P S D I J M E S F O J O S F T J E F O U J B M I Q S P G F T T J P O B M B S F D M B T T J m F E J O 6 O J U ( S P V Q \$ I J M E

(b) maintaining records of client care, changes in condition and responses to care and treatment. NFOU BOE SFQPSUJOH DPODFSOT PS QSPWJEJOH SFGFSSBMT UP B I F B M U I U n i t G r o u p 5 3 2 2 B M T F S W J D F T Q S P G F T T J P O B M

(c) positioning and lifting clients with physical mobility challenges, and helping transport E l s e w h e r e C l a s s i f i e d U I F N J O X I F F M D I B J S T B O E 5 I N F U V P S J W H I S D W C F T D P W F S T Q S P W J E F S T E Q S P W J E J O H D M J F O U T B O E E G B N F S M P I O T B M J D B F N P T U J C O P B S W T F S W J T V Q Q P S U J O G P S N B U J P F O M T B F X E F S F E W O D B O P O ( U S P V Q D T 1 F S T V D I B T O V U S J U J P O I Z H 8 P O E F S F Y B S D J F B M W I B S J F C S H W J D F T ' P S G P S J O G B O U T P S B E B Q U J G r o u p I n c l u d e s C a p a t i o n s s u c h a s d e n t a l a n d F N B J O U B J O J O H D M J F O U s t e r i l i z a t i o n d i s e p o s i t i o n o r d e r l y m e d i c a l f r o m F s t a n d a r d s , s u c h a s c h a n g i n g b e d l i n e a n d p h a r m a c y a i d e . w a s h i n g c l o t h e s a n d d i s h e s , a n d c l e a n i n g \* O T V D I D B T F T U B T L T X P V M E J O D I M J W J O H R V B S U F S T ( a ) c l e a n i n g a n d s t e r i l i z i n g s u r g i c a l , d e n t a l a n d G Q S P W J E J O H Q T Z D I P M P H J D p h a r m a c e u t i c a l i n s t r u m e n t s , n o t h e s , b e a k e r s B T U I S P V H I D P O W F S T B U J P O P S E S P E I E S D H F B M W F O U P S E S P E I E S D H F B M W F O U H Q M B O O J O H Q V S D I B T J J O n l a b e l i n g f o u n d s c h e m i c a l s a n d o t h e r p h a r m N F B M T U P N F F U O V U S J U J P O n e a u t i s a l p r e p a r a t i o n s a n d t r e p a d i s h i n g Q S F T D S J C F E E J F U T T U P D L P O T I F M W F T

D M J G U J O H U V S O J O H B O E F i r s t A i d W a i t e r O n l i n e Q B U J F O U T B O E  
 U S B O T Q P S U J O H U I F N J O X I F H o s p i t a l B o r d e r T y P S P O N P W  
 B C M F C F E T . F E J D B M J N B H J O H B T T J T U B O U  
 E Q S F Q B S J O H Q B U J F O U T G P A s m a c y a n J O B U J P O P S U S F B U  
 N F O U P h l e b o t o m i s t

(e) setting up instrument trays, preparing materials, and assisting dentists or radiogra- Sterilization aide

Q I F S T E V S J O H Q S P D F E V S F S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
 G F Y Q P T J O H E J B H O P T U J D 9 S B B S N B D F V U J D B M B T T J T U B O U o  
 % F O U B M U F D I O J D J B O o  
 E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e : % F O U B M B T T J T U B O U o  
 % F O U B M B J E F

Sub-major Group 54  
**Protective Services Workers**

1 S P U F D U J W F T F S W J D F T X P S L F S T CBSJOUTFUD th SJFO EBJONEJ EPWB MST I B Q B S  
maintain law and order and enforce laws and regulations. Competent performance in most  
P D D V Q B U J P O T J O U I J T T V C N B K P S O H S \* P 4 V S O S T F L R J V M S M F T M F W J F M M T B U  
5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E L F I J T O S T A W F O B K O S H S P V O J O I  
FYUJOHVJTIOH mSFT SFTDVJOH QBF D Q M E F O G S P N U C V T S B O O H U I P V T J M U E S B  
J O E B O H F S P V T T J U V B U J P O T N B J O X J T B B O E O S I F M V B M B B J O E O F S E O S U S F  
Q V C M J D B S F B T B O E B S S F T U J O H B O E O B F T D V N B O P H F B O U E F B S J U Z J S O D  
F W F O U P G B D D J E F O U T X B U D I J O H P O W F B S U B D E P N B Q S U B P O J O H S P S E P  
U P S J F T P S Q F O J U F O U J B S J F T Q B I V S B S M M O S O P O F P S S U Z N F B O H J B U P O S T J U H U I O  
W B O E B M J T N D P O U S P M M J O H B D D F T P S L E F F S F T B J O E M F J O T G N P I S O U T O H B O S F  
U J P O T B U Q V C M J D F W F O U T B O E X G J U P I U I C F S F T X U P B S C M S I T I N I B D U C T F J A O V D M  
O D D V Q B U J P O T J O U I J T T V C N B K P S P X H U S O P H V Q N J B O S P F S D H M S P V T O J m F E J O U

**541 Protective Services Workers**

Minor Group 541  
**Protective Services Workers**

1 S P U F D U J W F T F S W J D F T X P S L F S T CBSJOUTFUD th SJFO EBJONEJ EPWB MST I B Q B S  
maintain law and order and enforce laws and regulations.  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F J O O S m W F D U S O H D V m O H U O C F  
G S P N C V S O J O H C V J M E J O H T B O E B I B O E H F C S U P V T T J U F J U V B O U E J P L O I P T F N B J  
taining law and order, enforcing laws and regulations, patrolling public areas and arresting  
T V T Q F D U F E P F O E F S T E J S F D U J O H I U S F V F D O B O P E G E B T D T D J N E F O H T B V X U B O S  
P W F S B O E N B J O U B J O J O H P S E F S B N J O H B S N O B F U O F J U P O U Q B S J P T O T O B S  
M J O H P S N P O J U P S J O H Q S F N J T F T U M B H O V E B S M J O S I P O D F S O U Z S B M M J J O T H U  
U P F T U B C M J T I N F O U T B O E N B J O U B J O T J O H Q S V E C A S J B O F E W F O G P S B O O H H  
F T U B C M J T I N F O U T 4 V Q F S W J T J P O P G P U I F S X P S L F S T N B Z C F  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V O S U F H D S P B V T O T T J m F E J O U P U I F

- 5411 Firefighters**
- 5412 Police Officers**
- 5413 Prison Guards**
- 5414 Security Guards**
- 5419 Protective Services Workers Not Elsewhere Classified**

Unit Group 5411  
**Firefighters**

(d) rescuing people from burning buildings and  
accident sites and those trapped in dangerous  
T J U V B U J P O T  
' J S F m H I U F S T Q S F W F O U m H Q L S F B V C F O U F J O W J O S I V M J F N J th J S O F H T U I F  
and assist in other emergencies, protect life and dangerous substances in case of fires or acci-  
Q S P Q F S U Z B O E D P O E V D U S F T E D O U T F P S U T  
5 B T L T J O D M V E F o G J O G P S N J O H U I F Q V C M J D B C P V U r  
(a) responding to re alarms and other calls for  
assistance, such as automobile and industrial accidents, bomb threats and other emergen-  
D J F T Fire ghter  
Forest re ghter  
C D P O U S P M M J O H B O E F Y U J O H V J T I J O H G J S F T V T J O  
N B O V B M B O E Q P X F S - F R S O M O R A T E O C C U P A T I O N S C L A S S I F I E D E L S E W H E R E :  
m H I U J O H D I F N J D B M T ' J S F J O T Q F D U P S o  
(c) ghting special types of res and using spe- ' J S F Q S F W F O U J P O T Q F D J B M J T U o  
D J B M F R V J Q N F O U J O J O E V T U S J F B M O W F T U B J C H B W P I S N B O U T

Unit Group 5412

**Police Officers**

Police officers maintain law and order, patrolling public areas, enforcing laws and regulations and (a) patrolling a specific area to maintain public order, responding to emergencies, protecting people and property and enforcing laws and (b) identifying, pursuing and arresting suspects (c) directing traffic and assuming authority in accidents, crimes and natural disasters.

Examples of the occupations classified here:

- Constable
- Police officer
- Police patrol officer

Some related occupations classified elsewhere:

- 1PMJDF DIJFG DPOTUBCM
- 1PMJDF DPNNJTTJPOFS
- 1PMJDF JOTQFDUPS HFOFS
- 1PMJDF EFUFDUJWF
- 1PMJDF JOTQFDUPS

Unit Group 5413

**Prison Guards**

among inmates of prisons, reformatories or penitentiaries.

- (b) making periodic inspection tours of cells and inspecting and maintaining the security of

Unit Group 5419

**Protective Services Workers Not Elsewhere Classified**

Unit group includes lifeguards, crossing guards and animal control officers.

- (g) escorting prisoners in transit and during

- (a) patrolling beaches and swimming pools to
- (b) monitoring traffic flow to locate safe gaps

Example of the occupations classified here:

- Prison guard

Unit Group 5414

**Security Guards**

Security guards patrol or monitor premises to maintain order and enforce regulations at public

- (a) patrolling premises and checking doors, windows and
- (b) controlling access to establishments, monitoring and authorizing the entrance or departure of
- (c) performing security checks of passengers

bancas and contacting superiors, police or

teller machines and retail establishments.

Examples of the occupations classified here:

- Bodyguard
- Security guard

Some related occupations classified elsewhere:

- #FBDI QBUSPMNBO XPNBO

Unit Group 5419

**Protective Services Workers Not Elsewhere Classified**

Unit group includes lifeguards, crossing guards and animal control officers.

- (a) patrolling beaches and swimming pools to
- (b) monitoring traffic flow to locate safe gaps

Example of the occupations classified here:

- Prison guard

(c) responding to citizen complaints concerning # F B D I Q B U S P M N B O X P N B O  
 T U S B Z E P N F T U J D B O J N B M T C r o s s i n g G u a r d D L B O E X J M E  
 life, issuing warnings and citations to owners ( B N F X B S E F O  
 and impounding lost, homeless and dan- Lifeguard  
 H F S P V T B O J N B M T 5 S B D X B S E F O

(d) patrolling an assigned area to enforce parking S F H V M B U J P O T Some related occupations classi ed elsewhere:

(e) directing tra c. % P P S L F F Q F S o  
 . V T F V N H V B S E o  
 Examples of the occupations classi ed here: 8 B U D I N B O X P N B O o  
 " O J N B M D P O U S P M P D F S



Ma~or Group 6

**SKILLED AGRICULTURAL, FORESTRY AND FISHERY WORKERS**

4 L J M M F E B H S J D V M U V S B M G P S F F T U S Z n F B N O E P n S T I U F S E Z F X B O E F  
D S P Q T H B U I F S X J M E G S V J U T B O E M Q M B O P E V D C F S B F W B S J F O U E Z P P S G I F  
I V T C B O E S Z Q S P E V D U T D V M U J W B U F F E D P S O D B S J W F F B O I E B Y O C E M P V M U  
P S H B U I F S P U I F S G P S N T P G B R V B U T J I F M M U I G S B O E P S J E O F S P W F G S P S V  
T F M W F T B O E U I F J S I P V T F I P M E T \$ P O N B Q U F U P O C U J J O F I S G J P T S N B O D S H O F  
S F R V J S F T T L J M M T B U U I F T F D P O E \* 4 \$ O T L J M M M F W F M

5 B T L T Q F S G P S N F E C Z T L J M M F E B H S L J D S V T M V T V S B M M Z G P S F D T M U S E F B  
Q B S J O H U I F T P J M T P X J O H Q S M W B F O T W J J O H n T Q N B Z D O P I O T G F I  
G S V J U B O E P U I F S U S F F B O E T I S V C B O E P O I T P S H S I P X J M H V S B S M F O S V  
H B U I F S J O H X J M E G S V J U T B O E Q M B O W T U J O S I F B E O J O N H B M S B J N B O J O  
P C U B J O N F B U N J M L I B J S G V S P U T E S O Q B B E T V D S J T D V M V M S B W B U E  
T F S W J O H B O E F Y Q M P J U J O H G P S F W B T J O C H S F P S E J H O B H U I F S J O B H U P U J I O S  
P G B R V B U J D M J G F T U P S J O H B O E G D B S F S J S J O H S P P E W U D F T P N I F M C N B J  
Q S P E V D U T U P Q V S D I B T F S T N B S L F 4 J W O H S W S I H B O O [ B G J P O T F B S X B S

may be included.

O D D V Q B U J P O T J O U I J T N B K P S H S P H O V B C S A N E D K M P S T H S R F Q T J O U P U I F

- 61 Market-oriented Skilled Agricultural Workers**
- 62 Market-oriented Skilled Forestry, Fishery and Hunting Workers**
- 63 Subsistence Farmers, Fishers, Hunters and Gatherers**



Sub-major Group 61

Market-oriented Skilled Agricultural Workers

. BSLFU PSJFOUFE TLJMMFE BHSJDVOMFUSVGSBVMN XCPBS\$ NSD HQ NP D S BPUS  
 UP HSPX BOE IBSWFTU mFME PS USFB WBSJFUSZV P GD \$FOQTB N D E  
 BOJNB M QSPEVDUT GPS TBMF P \$ TBMVFJ W V Z ES P O- NBB \$IFHUVJND BISP  
 izations or at markets. Competent performance in most occupations in this sub-major group  
 SFRVJSFT TLJMMT BU UIF TFDPOE \* 4 \$ O TLJMM MFWFM  
 5BTLT QFSGPSNFE CZ XPSLFST JO VEJFT TVSC QNEBSKJPOSH HUSIFV QPVN  
 TPXJOH QMBOUJOH TQSBZJOH CGTFSH \$M X J D O H G E S O B U I B S O V E F P U J J O S  
 BOE TISVC DSPQT HSPXJOH HBSEFEDV DVUFT H F S B C M J O T H B C E S F I P I S J O J H  
 tending animals mainly to obtain meat, milk, hair, fur, skin or sericultural, apiarian or other  
 QSPEVDUT TUPSJOH BOE DBSSZJOHF M W U J O T H F M W U J O T H F M W U J O T H F M W U J O T H F  
 DIBTFST NBSLFUJOH PSHBOJ [BUJPOITFSS XPS LNFBSL NUBZ C4VQ DSDWJMT  
 ODDVQBUJPOT JO UIJT TVC NBKPS XHUSPHV QN JBOSFSS DMSB TVTJmFE JOU

- 611 Market Gardeners and Crop Growers
- 612 Animal Producers
- 613 Mixed Crop and Animal Producers

Note

+PCT TIPVME CF DMBTTJmFE JO 4 VCF SNB K P J T (FSPV Q ) V O U F V G T B T O L E F Q D U F I F B S S  
 when goods (mostly food) are produced mainly for own consumption or for consumption by other mem-  
 bers of the worker s household. If a large surplus is produced, and more goods are sold than consumed,  
 CVU UIF NBJO B J N P G Q S P E V D U J P O X B M P X O F W F S J V M N Q U F J T P O C E I D M B C T J T  
 4VC NBKPS (SPVQ +PCT TIPVME (BOMQTCF DMB \$ L F r F P S J J O F Q W E N B K P M I  
 "HSJDVMUVSBM 8PSLFST PS . B S T L I F S Z P B D E O J V F E U 4 Q H M B P S E F ' P T S E J G U S Z F N B J  
 B J N P G U I F B D U J W J U Z J T U P Q S P E V D F H P P E T G P S U I F N B S L F U

Minor Group 611

Market Gardeners and Crop Growers

. BSLFU HBSEFOFST BOE DSPQ HSPXFISTBOIMPBOOT UPS HBSOPX[ FB B D B B C S F V S  
 mFME DSPQT UP HSPX GSVJU BOE XP H I E S E B O F W B D E U T B I S M G T D S P O  
 E J D J O B M B O E P U I F S Q M B O U T B O E D M M L O V S S P E M D O V I S P T S F U S J J D F V T M Q S / P S B V  
 TBMF PS EFMJWFSZ PO B SFHVM B S I E B H B T O J U I B U X I P O M T F P B M B U Q N V Z  
 5BTLT QFSGPSNFE VTVBMMZ JODMV D P O N P L O J R J O P T S J O E H U N F S S U J O U C  
 UZQFT BOE RVBOUJUUJFT PG DSPQTS E P O G E J J H O S P X O C S P B V D E U Q M O B C O J D  
 JOHMZ QVSDIBTJOH TFFET CVM B D E B M E B G E F S J U N J O N S P M F S N F D O W F  
 QBSJOH MBOE BOE TPXJOH Q M B O S U J J P O M T I D S R M Q U J W B U F J C O E H U C B H O E X P B  
 BOJNBMT BOE NBJOUBJOJOH GBSN CVQ M F E J V D H J T O H N B B D Q M O J F O S H Z T B C E V  
 BOE TFFET TUPSJOH BOE DBSSZJOHF M V W F T S P J N O F H Q P S S D N B T S T L J F O U H O P H G  
 QSPEVDUT 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JODMV  
 ODDVQBUJPOT JO UIJT NJOPS HSPHV QV B S U F H D S P B V T O T T J m F E J O U P U I F

- 6111 Field Crop and Vegetable Growers
- 6112 Tree and Shrub Crop Growers
- 6113 Gardeners; Horticultural and Nursery Growers
- 6114 Mixed Crop Growers

Unit Group 6111

Field Crop and Vegetable Growers

IBSWFTU WBSJPVT UZQFT PG mFME D  
 and other cereals, rice, beetroot, sugar-cane,  
 groundnuts, tobacco, reed or other eld crops,  
 'JFME DSPQ BOE WFHFUBC M O E H Q P X I B S J T P F O T M B O B C R S B H F O J P S P U I F  
 and perform farming operations to grow and M F T GPS TBMF PS EFMJWFSZ PO

wholesale buyers, marketing organizations or Unit Group 6112  
markets.

**Tree and Shrub Crop Growers**

- 5 B T L T J O D M V E F o
- B N P O J U P S J O H N B S L F U B D S I M W B O Z E B O S E V D P D S E P O J H P S P X F S T Q M B C O  
E F U F S N J O J O H U Z Q F T B O E O R V B C O P U S J N J G F S R G O H S P O T S U B R J P O T U P H  
be grown, and planning and coordinating trees and shrubs such as fruit and nut trees, tea  
Q S P E V D U J P O B D D P S E J O H M B Z O E D P F F C V T I F T H S B Q F W J O F T
- (b) preparing soil by hand or machine, and bushes, cocoa trees and rubber trees, and to col-  
T Q S F B E J O H G F S U J M J [ F S T M B F O E U N T B C O V S G P S T B M F P S E F M J W F S Z
- (c) selecting and sowing seeds, and planting wholesale buyers, marketing organizations or at  
T F F E M J O H T markets.
- E N B J O U B J O J O H D S P Q T - C Z D S V M U J W B O U J M E T F P J M C Z U S B O T  
planting, pruning or thinning plants, and by B N P O J U P S J O H N B S L F U B D U J W J U Z  
T F U U J O H V Q B O E P Q F S B U J O H E I S S B S B U O P O H F R V Z I O N F O B U O E R V B O U J U J
- (e) controlling weeds, pests and diseases by ap be grown, and planning and coordinating  
Q M Z J O H I F S C J D J E F T B O E Q Q T S U P J E D J E U J P O B D D P S E J O H M Z
- G I B S W F T U J O H D S P Q T (b) Preparing soil by hand or machine, and PS  
T V Q F S n V P V T D S P Q T T Q S F B E J O H G F S U J M J [ F S T B O E N B O
- (g) inspecting, cleaning, grading, packaging (c) selecting and sowing seeds, and planting  
T U P S J O H B O E M P B E J O H D S P Q T F F G M S I O T H T M F P S E F M J W F S Z
- UP N B S L F U E N B J O U B J O J O H D S P Q T C Z D V M U
- (h) tending working animals and maintaining transplanting, pruning or thinning trees and  
G B S N C V J M E J O H T T U S V D U S S I S T A N D B Y S E L T I N U P O A D B O A I N G I R -  
X B U F S T V Q Q M Z T Z T U F N T S J H B U J P O F R V J Q N F O U
- (i) storing and carrying out some processing (e) controlling weeds, pests and diseases by ap-  
Q S P E V D F Q M Z J O H I F S C J D J E F T B O E Q F T U J D J E
- (j) promoting and marketing products, a (f) tending trees or bushes, collecting sap and  
ranging the sale, purchase and transporta I B S W F T U J O H D S P Q T  
tion of produce and supplies and maintainin (g) inspecting, cleaning, grading, packaging,  
B O E F W B M V B U J O H S F D P S E T T P C S G B S N B D E U M W B U J O H D S P Q T G P S  
U S B O T B D U J P O T U P N B S L F U
- L U S B J O J O H B O E T V (h) Tending working animals and maintaining D S P Q  
production, maintenance duties and health G B S N C V J M E J O H T T U S V D U V S F T F  
and safety precautions, and hiring and dis- X B U F S T V Q Q M Z T Z T U F N T  
charging workers and contractors. (i) storing and carrying out some processing of  
Q S P E V D F

Examples of the occupations classi ed here:  
Cereal farmer  
Cotton farmer  
Potato farmer  
Rice farmer  
Skilled farm worker ( eld crops)  
Sugar-cane grower

- (j) promoting and marketing products, ar-  
ranging the sale, purchase and transportation  
of produce and supplies, and maintaining  
B O E F W B M V B U J O H S F D P S E T P G G B S  
U S B O T B D U J P O T
- L U S B J O J O H B O E T V Q F S W J T J  
production, maintenance duties and health  
and safety precautions, and hiring and dis-  
charging workers and contractors.

Some related occupations classi ed elsewhere:  
" H S J D V M U V S B M Q S P E V D U J P O N B O B H F S o  
\$ S P Q G B S N M B C P V S F S

Examples of the occupations classi ed here:

- Note
- ( S P X F S T P G W F H F U B C M F T V T J O H J O U R V F T B S F D M B T T J G J F E J O 6 O J U ) P S U J D V M U V S B M B O E / V S T F S Z ( S P X
- Fruit farmer
- Rubber farmer
- Rubber tapper ( B S E F O F S T
- 5 F B H S P X F S
- Viticulturist

Some related occupations classi ed elsewhere:  
1 M B O U B U J P O N B O B H F S o  
' S V J U Q J D L F S o

Unit Group 6113

Some related occupations classied elsewhere:

**Gardeners; Horticultural and Nursery Growers**

) P S U J D V M U V S B M T D J F O U J T U o  
( B S E F O M B C P V S F S o

( B S E F O F S T B O E I P S U J D V M U V S B M P B O I E D O W S U T V S E Z M H S M P K E B V S F S o  
plan, organize and perform operations to cul-  
U J W B U F B O E N B J O U B J O N o t e s F F T T I S V C T n P X F S T B O E  
P U I F S Q M B O U T J O Q B S L T B O E ( S P X F S T J W G G F S S Z C E P S J O H C Y E I F T B O E G  
to produce saplings, bulbs and seeds or grow  
D I B S E T B S F D M B T T J m F E J O 6 O J U ( S P V Q  
W F H F U B C M F T B O E n P X F S \$ S P O ( S P X F S T V O M E T T U I T J T E P O F J  
U F D I O J R V F T G P S T B M F P S E F M J W F S P G W P H P U B C M F T J O S m F M E T T O P U V  
to wholesale buyers, marketing organizations or  
B U J P O U F D I O J R V F T B S F D M B T T J m F E J O 6 O  
at markets.  
\$ S P Q B O E 7 F H F U B C M F ( S P X F S T

5 B T L T J O D M V E F o  
B N P O J U P S J O H N B S L F U B D U J W J U Z B O E D P O E J U J P O T  
E F U F S N J O J O H L J O E T B O E B N P V O U T P G W F H F U B

bles and horticultural and nursery products Unit Group 6114

to be grown, and planning and coordinating **Mixed Crop Growers**

Q S P E V D U J P O B D D P S E J O H M Z  
C Q S F O B S J O H M B O E C Z D P O J E J U D P O D O H S T P X J F S T M F M B O M N S O I B O J [  
ground and installing and operating irrigation systems  
G B S N J O H P Q F S B U J P O T U P H S P X B O E  
U J P O B O E E S B J O B H F T Z T U D R N C J O B U J P O T P G G J F M E D S P O  
D Q M B O U J O H U S F F T I F E H F r e e a n d B e r r y C r o p s M a n d O g a r d e n B e t i d u l S u b T  
(d) pruning and trimming trees, shrubs and hedges, installing plant supports and protection, and rolling, mowing, aerating and  
B O E O V S T F S Z Q S P E V D U T G P S T B M F  
at markets.

(e) constructing features and facilities within  
F E H J O H M B X O T 5 B T L T J O D M V E F o  
B N P O J U P S J O H N B S L F U B D U J W J U Z  
H B S E F O T T V D I B T Q B U I T P E S F O B S W F D J B S F B Z Q X T B M O E T R V B O U J U J  
rockeries, garden beds, ponds and water features to be grown, and planning and coordinating  
U V S F T T I F E T B O E G F O D F T Q S P E V D U J P O B D D P S E J O H M Z

(f) checking the health of plants and trees, identifying and treating weeds, pests and diseases, and spraying  
T Q S F B E J O H G F S U J M J [ F S T B O E N B O  
F B T F T B O E B Q Q M Z J O H (c) V e l e c t i n g a n d s o w i n g s e e d s a n d s p r a n t i n g

(g) producing saplings, bulbs and seeds and grading, packaging, storing and loading trees and shrubs, and by setting up and operating  
S B J T J O H Q M B O U T G S P N T F E E T N P S J O V B W D O O H D S P Q T C Z D V M U  
I I B S W F T U J O H D S P Q T B t a n s p l a n t i n g , o p e r a t i n g , o r t h i n n i n g o f m o s s B O J O H  
grading, packaging, storing and loading trees and shrubs, and by setting up and operating  
Q S P E V D U T G P S T B M F P S E F M J W F S J U S B J N B S L P O F R V J Q N F O U

(i) maintaining buildings, greenhouses and other structures  
T U S V D U V S F T F R V J Q N F O U B O E M X B U W S U T V O Q M Z T Z T  
U F N T G Q S P E V D J O H T B Q M J O H T C V M C T B

(j) storing and carrying out some processing of produce and supplies, and maintaining  
I B S W F T U J O H D S P Q T B O E J O  
Q S P E V D F g r a d i n g , p a c k a g i n g , s t o r i n g a n d l o a d i n g

(k) promoting and marketing products, arranging the sale, purchase and transportation of produce and supplies, and maintaining  
Q S P E V D U T G P S T B M F P S E F M J W F S  
B O E F W B M V B U J O H S F D P S E T B V D O U J W Z J U Z F U F B O E  
U S B O T B D U J P O T (i) s t o r i n g a n d c a r r y i n g o u t s o m e p r o c e s s i n g o f

M U S B J O J O H B O E - T V Q Q S P E V D J O H X P S L F S T J O Q S P  
duction, maintenance duties, and health and safety precautions, and hiring and discharging workers and contractors.  
(h) p r o m o t i n g a n d m a r k e t i n g p r o d u c t s , a r -  
r a n g i n g t h e s a l e , p u r c h a s e a n d t r a n s p o r t a t i o n  
o f p r o d u c e a n d s u p p l i e s , a n d m a i n t a i n i n g  
B O E F W B M V B U J O H S F D P S E T P G  
U S B O T B D U J P O T

Examples of the occupations classied here:

- Horticulturist
- Landscape gardener
- . B S L F U H B S E F O F S
- . V T I S P P N D V M U J W B U P S

L U S B J O J O H B O E T V Q F S W J T J  
duction, maintenance duties and health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classied here: Some related occupations classied elsewhere:  
. J Y F E D S P Q G B S N F S " H S J D V M U V S B M Q S P E V D U J P O N B  
4 L J M M F E G B S N X P S L F S N J M F B E O D S P Q T O N B O B H F S o  
\$ S P Q G B S N M B C P V S F S o  
' S V J U Q J D L F S o

Minor Group 612  
**Animal Producers**

" O J N B M Q S P E V D F S T Q M B O P S H B O J U P B C O S E F O E F S C O P E S B G B S N E J O N H F P  
cated animals, poultry, insects and non-domesticated animals for the production of meat, dairy  
Q S P E V D U T I P O F Z T L J O T U F Y U B T M F X T P S B L O J E D H P U I T F O S P Q S P O E N D R U S T  
U J P O B M B O J N B M W F S G Z P S J P T B X M F M F S U B N D M C P V S Z F S O J [ B B S P O T P S B U N  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F F O E N J O P O F S J E O F H A N S B S J L O J O B I D L  
B O E B N P V O U T P G Q S P E V D U T U P Q H S P O E S P D E F V D B J O P O O B M D B D C P S E O O H E  
S B J T J O H G F F E J O H B O E U F O E J O H B N O O J S N P B E M D U T O S P Q B N S B J S O L H U B O N  
U P S J O H B O E F Y B N J O J O H B O J N B M T F U P B E O F E U J U P U D J I M D L O E T Z T J J D C B K W S Z P R  
T V D I B T S B U F P G X F J H I U H B J O M F S F G P S N E J V O C H U J E P V Q J T F V T D S F B M B C S F E  
B S U J m D J B M J O T F N J O B U J P O B O E P I S M Q W O F H U X J O U H B O J N B O N E N B S O I  
B O E D M F B O J O H C V J M E J O H T N B D W P F S Q H F R V E Q N B S S Z B J O E H T R V S V  
Q S P D F T T J O H P G Q S P E V D F Q S P N P I O H O H I F O B M N F B S Q V S J D I O B H F O E S  
U S B O T Q P S U B U J P O P G T U P D L Q S P B O E F F B O B M V B O O M H F S T F D P O E T N B G  
J U J F T B O E U S B O T B D U J P O T U S B J O B M H D B S E Q S O P S F W V S F O H X P S O E S  
duties and health and safety precautions, and hiring and discharging workers and contractors.

- ODDVQBUIJPOT JO UIJT NJOPS HSPHVQV BLSF H\$PBTOTTJ mFE JOUP UIF
- 6121 Livestock and Dairy Producers**
  - 6122 Poultry Producers**
  - 6123 Apiarists and Sericulturists**
  - 6129 Animal Producers Not Elsewhere Classified**

Unit Group 6121  
**Livestock and Dairy Producers**

(d) grooming, marking, clipping, trimming,  
ESFODIJOH BOE PS DBTUSBUJOH  
TIFBSJOH DPBUT UP DPMMFDU IB  
- J W F T U P D L B O E E B J S Z Q S P E V D F S S E Q O M B O M J P S H T B L O P J E U P Q B T U  
and perform farming operations to breed and UP TDBMFT TIFET WFIJDMFT PS P  
SBJTF EPNFTUJDBUFE BOJN (f) milking animals by hand or using milking  
such as cattle, sheep, pigs, goats, horses and NBDIJOFT  
camels, for the production of meat, milk andH NJYJOH GFFE BEEJ-UJWFT BOE  
other dairy products, skins and wool or for usescribed portions and distributing or hand-  
as working, sporting or recreational animals, for GFFEJOH UP BOJNBMT GPS DPOTV  
TBMF PS EFMJWFSZ UP XIPMFT O M S F G P S V X B S H E N V B U S J L F T U J S O F H M B U F E U  
organizations or at markets. duction, such as breeding, arti cial insemi-  
5BTLT JODMVEF o OBUJPO BOE IFMQJOH XJUI BOJN  
B NPOJUPSJOH NBSLFU B (d) maintaining and cleaning of farm buildings,  
determining kinds and amounts of stock to NBDIJOFSZ FRVJQNFOU BOE TUSV  
produce, and planning and coordinating pro(j) slaughtering and skinning animals and pre-  
EVDUJPO BDDPSEJOHMZ QBSJOH UIFN GPS NBSLFU  
C DVMUJWBUJOH QBTUV-SF (k) storing and carrying out the processing of  
toring fodder and water supplies to maintain BOJNBMT BOE EBJSZ QSP E V D F  
BQQSPQSJBUF OVUSJUJPO (b) promoting farm and trade products, J P O  
PG MJWFTUPDL ranging the sale, purchase and transporta-  
D NPOJUPSJOH BOE FYBN JUJPOH P S O M N W M T U P L E F Q S F P D E W D F B O  
illness, injury or disease, and to check phys- NBJOUBJOJOH BOE FWBMVBUIJOH S  
JDBM DPOEJUJPO TVDI BT BSBWJFW P G J K T F J H O E W S B O T B D U J P O T

N U S B J O J O H B O E T V Q F S W J T E J O U H S X N P J S O L J F O S H T T J F O Y P G J N B J M L T B  
care procedures, maintenance duties and breeding, artificial insemination and hatching  
health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classified here:

- Cattle farmer
- % B J S Z G B S N F S
- % P H C S F F E F S
- % S P W F S
- ( P B U G B S N F S
- Horse breeder
- Shearer
- Sheep farmer
- Shepherd
- 4 U P D L N B O X P N B O

- (i) slaughtering and dressing poultry for sale or
- (j) storing and carrying out some processing of
- (k) arranging the sale, purchase and transporta-

Some related occupations classified elsewhere:

" H S J D V M U V S B M Q S P E V D U J  
3 B O D I N B O B H F S o

Examples of the occupations classified here:

- Poultry breeder
- Poultry farmer
- Poultry tender

Note

8 P S L F S T X I P Q S P E V D F B D P N C J O B U J P O P G E P N F T U J D M J W F  
stock and other animals such as poultry, insects and domesticated animals should be classified according to  
U I F J S Q S F E P N J O B O U B D U J W J U Z non-domesticated animals should be classified according  
M J W F T U P D L G P S X I J D I U I F Z B S F S F T Q P O T J C M F B S F D M B T T J m F E J O  
6 O J U ( S P V Q - J W F T U P D L B O E % B J S Z 1 S P E V D F S T

Unit Group 6123

Apiarists and Sericulturists

Unit Group 6122

Poultry Producers

Poultry producers plan, organize and perform farming operations to breed and raise chickens, turkeys, geese, ducks and other poultry to produce meat, eggs and breeding stock for sale, organizations or at markets.

" Q J B S J T U T B O E T F S J D V M U V S J T U T Q M  
perform operations to breed, raise and tend insects such as honey bees, silkworms and other  
P U I F S Q S P E V D U T G P S T B M F P S E F M J  
buyers, marketing organizations or at markets.

- (a) determining kinds and amounts of insect products to produce and coordinating production accordingly, and
- (b) purchasing insects and growing for

- (a) determining kinds and amounts of insect products to produce and coordinating production accordingly, and
- (b) purchasing insects and growing for

- (b) growing and purchasing feed and other supplies needed to maintain appropriate nutritional condition such as rate of weight gain, and
- (c) storing and carrying out some processing of
- (f) collecting and storing eggs and packaging

- (c) breeding, raising and tending insects and colonies
- (e) storing and carrying out some processing of
- (f) arranging the sale, purchase and transportation of stock, produce and supplies,

health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classified here:  
" Q J B S J T U  
Sericulturist

- (d) performing duties related to animal reproduction, such as breeding, artificial insemination, and other procedures.
- (e) slaughtering and skinning animals and preparing them for sale.
- (f) slaughtering and skinning animals and preparing them for sale.
- (g) storing and carrying out some processing of animal products.
- (h) promoting and marketing products, arranging the sale, purchase and transportation of animal products, and supplying and distributing animal products.

Unit Group 6129

**Animal Producers Not Elsewhere Classified**

5 I J T V O J U H S P V Q D P W F S T N B I S L E F U S T O C S J P F O U C E E A N D S U P P L I E S M A N D Q S P E V D F S T O P U D M B T T J M F E F M T B F X I U B B O J O O H J O P O S E ( S W V B M V B U J O H S " O J N B M 1 S P E V D F S T ' P J S J F O T B O E D I S B O U T I E D U S P P O V T O

includes those engaged in breeding, raising and tending non-domesticated mammals, game and birds, and care procedures, maintenance duties and health and safety precautions. Examples of the occupations classified here include: crocodile farmer, fur farmer (non-domesticated animals), and snail breeder.

\* O T V D I D B T F T U B T L T X P V M E B N O D M S E F C S F F E F S B N P O J U P S J O H N B S L F U B D U O W I C H F A R M E R D P O E J U J P O T  
determining kinds and amounts of products to produce, and planning and coordinating

Some related occupations classified elsewhere:  
C S B J T J O H G F F E J O H B O E U I F O E H O P P B D S N B M T D N P O J U P S J O H B O E F Y B N J O J O R B D B O B M T O U P E F U F D U  
illness, injury or disease, and to check physical condition of animals.

Minor Group 613

**Mixed Crop and Animal Producers**

. J Y F E D S P Q B O E B O J N B M Q S P E V D B O T H O M F S O U J P S O H B O P J [ H S B X B O E I B S W F T U m F M E U S F F B O E W I B F S E J P S T B J P T U F I F B S O I D S U P F O O T E B O J N I B M U P Q S P E V D F B W B S J F U Z P G B O J E N F B M W I V S T C B J O E X Z P N S T E M D U C T V  
marketing organizations or at markets.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V D P O N J P O J R U O P T S J O E H U N F S S U J O U O kinds and amounts of crops to be grown and animals to be raised, and planning and coordinating production. Examples of the occupations classified here include: mixed crop and animal producer, and mixed crop and animal producer.

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V O B S U F H S M P B / T O T J m F E J O U P U I F

**6130 Mixed Crop and Animal Producers**



Sub-ma-or Group 62

Market-oriented Skilled Forestry, Fishery and Hunting Workers

. B S L F U P S J F O U F E T L J M M F E G P S F T U B S Z P r S T H I B O Z [ B O E O E V Q U F S O P S P Q F S B U J P O T U P D V M U J W B U F D P O B T U F S P A O F B O S E F F Y U Q M P C I S F O B U B S I m T I I B S W F T U B O E D B U D I m T I B O S E E V M U W B F S Z P O S B O S F C H J W N B M S to wholesale buyers, marketing organizations or at markets. Competent performance in most P D D V Q B U J P O T J O U I J T T V C N B K P S O H S P A V S O S T F R J M S F T M F W I M M T B U 5 B T L T Q F S G P S N F E C Z X P S L F S T J O M E J T S V C U N I B K H P S S H S O W C F T W J T J O F R V J Q N F O U B O E N B D I J O F S Z B O E V Q E V S S D I B L T J O H G P S Y O T Q N S Z B R V B D V M U V S F m T I F S Z B O E I V O U J O H T P Q J F S O U J P O N T B D N I B O C F U S E Z J O B P U I F S F R V J Q N F O U E F M J W F S J O H B O S E N B S U O U O H P Q I S F P S E X O S I F S O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H Q N J B O S P F S D H M S P T Q J T m F E J O U

621 Forestry and Related Workers

622 Fishery Workers, Hunters and Trappers

Note

+ P C T T I P V M E C F D M B T T J m F E J O 4 V N C F S N T B K P J S T I ( F S P T V Q ) V O U F V S G T B T O L E F Q O D U F I F S S S when goods (mostly food) are produced mainly for own consumption or for consumption by other mem- B J N P G U I F B D U J W J U Z J T U P Q S P E V D F H P P E T G P S U I F N B S L F U C V U U I F N B J O B J N P G Q S P E V D U J P O X B M P X O F W F S T V M N Q U F J T P O C E I D M B O T J T F 4 V C N B K P S ( S P V Q + P C T T I P V M E ( S O M O T C F D M B S L F r F P S J J O F Q W E C E N B K P M I " H S J D V M U V S B M 8 P S L F S T P S . B S T L I F S Z P B O E O J V F O U 4 Q H M B M P S E F S T S F J G U S Z F N B J B J N P G U I F B D U J W J U Z J T U P Q S P E V D F H P P E T G P S U I F N B S L F U

Minor Group 621

Forestry and Related Workers

' P S F T U S Z B O E S F M B U F E X P S L F S T Q R M O T O U P S D H V M O W J F W B O E Q D F S G P S S I F Y Q M P J U O B U V S B M B O E Q M B O U B U J P O G P S F T U T 5 B T L T Q F S G P S N F E V T V B M M Z J O P D O M V E F M B D U T F O H J O H F E M W F Q M B O U J O H U S F F T V T J O H N B O V B M E O D N B S O O H I O G H P S J P O P P A S F T U B O E B F O T E D B U J O H U S F F T U P C F G F M M F E B O E J F O T H J D N I B U O O B X W B P O M E V R H I P S O B T B X T U P U I J O Z P V O H G P S F T U T U B B X T U I E S J N O U P P Q I B H O T E G F B I Q M J Q H S X P P E F O Q S P E V D U T G S P N M P H T B U M B B C E B O M J U O H N T J L O F D I T U B F D T L P O S H n I U I F N E P X O S J W F S T L F F Q J O H X B L B U J J O R E O U m S U m G H P I S J F T O U H n P S O F F T S B D P N Q M F U J O H m S F m H I U J O H S F Q P S U T F O D E D N B O O S I B M O M J O O H n X S F F n H I V O E F S H S P X U I J O S F H F O F S B U J O H O G P S I F F T N W D T B U M B T O E F Q F V S B J J O O H N I N B J O U B J O J O H B T L J E E F S C V M M E P [ W S P S J F P Z I P S G Q T S D J B S J N P D V B U S T J U F Q S F Q B S B U J P O F R V J Q N F O U R W O S I B S F B T D P O F C F Q S N O O O S H B B T T J T U J O H J O Q M B O U J O H T V S W F P T O F B O B E U N P B O S T L J Q H S B W S O F J F O T H G P S E T Y W J T J O H P U I F S X P S L F S T J O G P S F T M S Z P O S P S F E B V O E T O M B O O U M V O J F O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V O S L F H D S P B V T O T J m F E J O U P U I F

6210 Forestry and Related Workers

Unit Group 6210

Forestry and Related Workers

Forestry and related workers plan, organize and exploit natural and plantation forests.

5 B T L T J O D M V E F o

- (a) assessing sites for reforestation, selecting seedlings and planting trees using manual

planting tools and establishing and caring

GPS GPSFTU TUBOET

- (b) locating trees to be felled and estimating

WPMVNF PG UJNCFS

(c) operating chainsaw and other power saws to thin young forest stands, trim, top and fell

USFFT BOE TBX UIFN JOUP MPHT

- (d) shaping rough wooden products from logs at

GFM MJOH TJUF



- (e) stacking logs and loading them in chutes or forestry procedures, including forestry la-
- (f) keeping watch to detect forest fires, pesticides and plant operators.  
Examples of the occupations classified here:  
Charcoal burner  
Logger  
Logging climber  
Skilled forestry worker
- (g) controlling weeds and undergrowth in regener-  
ating forest stands using manual tools and  
D I F N J D B M T 5 J N C F S D S V J T F S
- (h) operating and maintaining a skidder, bull-  
EP [ F S P S P U I F S Q S J N F N P W F S U P Q V M M B W B S J F U Z  
P G T D B S J m D B U J P O P S T J U S m e l a t e d o c c u p a t i o n s c l a s s i f i e d h e r e :  
P W F S B S F B T U P C F S F H F O F S B M F E J D V M U V S J T U o  
' P S F T U S Z U F D I O J D J B O o
- (i) collecting seed cones, pruning trees, assisting  
J O Q M B O U J O H T V S W F Z T B O E S N F S G B O H M B S F F O F S B S P S o  
T V C T F R V F O U P Q F S B U J P O T ' P S F T U S Z M B C P V S F S o

Minor Group 622

**Fishery Workers, Hunters and Trappers**

' J T I F S Z X P S L F S T I V O U F S T B O E U S B T Q U F B S O T E C D S E F U F I B O T E I S B D T E F I M  
B O E U S B Q B O J N B M T G P S T B M F P M F E T F B M F V F C S V Z Z P S O T B N S E F S H L V F M B S H C  
izations or at markets.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F m C S F F N E V J T O T H F M \$ B J P Z I T O U H F S T O  
P U I F S G P S N T P G B R V B U J D M J G F S B F T I X B T I F S D S P P S Q T F B A M U X B S F S F M N F  
U P S J O H F O W J S P O N F O U T U P F O T V S F G R B J B R V F B B J O D D M P G F P O D U M I N  
G S F F [ J O H J D J O H P S T B M U J O H m D I B B O E P O I F S P S S P E T V I D P U S T F G  
T I J Q N F O U S F O U J O H P S J O W F T U J O H L T J O N B O D E J N D B S Q U B r d O U J O H H C W B T  
B O E P U I F S F R V J Q N F O U Q S F Q B S J O H O B O H F B S Q B O S J O R I V O C F N U F T O B O E  
F S B U J O H m T I J O H W F T T F M T U P G T S F R U N J J B O C H E P O F S B U J O H H B S E V I C B  
J O m T I J O H H F B S T F U U J O H U S B Q T F T U P E B M U D M I F S J B O N H E P M T N B C S J L F E  
Q S P E V D U T T V Q F S W J T J O H B O E U S B J O J O H P U I F S X P S L F S T

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

- 6221 Aquaculture Workers**
- 6222 Inland and Coastal Waters Fishery Workers**
- 6223 Deep-sea Fishery Workers**
- 6224 Hunters and Trappers**

Unit Group 6221

**Aquaculture Workers**

" R V B D V M U V S F X P S L F S T C S F F B F B O D D S F B P T G F P r o t u i j b v o n e D P O E J U J P O T  
D V M U J W B U F N V T T F M T P M T U G F S T B O E P U I F S G P S N T P G  
B R V B U J D M J G F G P S T B M F P (S) e f e c t i v e l y e r e d m e t h o d s f r o m b a n d C B T J T  
to wholesale buyers, marketing organizations or spawning of fish, egg incubation and fry  
at markets.  
rearing, applying knowledge of management

5 B T L T J O D M V E F o B O E m T I D V M U V S J O H U F D I O J R V F T  
B C S F F E J O H S B J T J O H (f) B e e t i n g , t r e a d i n g , w i r e l o r s o l t i n g c a t c h o n - N V T  
T F M T P Z T U F S T B O E P U I F S o r G o f f s h o r e , a n d p e r a v i n g u f i s d a n d o t h e r  
as cash crops or for release into freshwater Q S P E V D U T G P S T I J Q N F O U  
P S T B M U X B U F S (g) maintaining buildings, tanks, machinery,  
(b) collecting and recording growth, production C P B U T B O E P U I F S F R V J Q N F O U  
B O E F O W J S P O N F O U B M E B U I B E F M J W F S J O H P S N B S L F U J O H Q S P E

J SFOUJOH PS JOWFTUJOH Fisher (coastal waters) FRVJQNFOU  
and machinery, and purchasing food and Fisher (inland waters)  
PUIFS TVQQMJFT

K TVQFSWJTJOH BOE USSome related occupations classified elsewhere  
sh hatchery support workers.

Examples of the occupations classified here:

" M H B F D V M U J W B U P S

Fish farmer

Oyster farmer

1 F B S M D V M U J W B U P S

Seafood farmer

Skilled fish farm worker

Skilled seafood farm worker

Unit Group 6223

**Deep-sea Fishery Workers**

Some related occupations classified elsewhere % F F Q T F B m T I F S Z X P S L F S T B T T L J Q

" R V B D V M U V S F Q S P E V D U J O H W F T T F M D S F X T

" R V B D V M U V S F M B C P V S F S G P S T B M F P S E F M J W F S Z U P X I P M F T  
keting organizations or at markets.

5 B T L T J O D M V E F o

(a) preparing and repairing nets and other

m T I J O H H F B S B O E F R V J Q N F O U

C D P N N B O E J O H B O E P Q F S B U J O

U P G S P N B O E B U E F F Q T F B m T I J

Unit Group 6222

**Inland and Coastal Waters Fishery Workers**

Inland and coastal waters shery workers, also determining areas for shing, plotting courses

P S B T N F N C F S T P G m T I J O H W B T E F M P N S F X U T J O B B O B W H T B U J P O B M Q

P S H B U I F S P U I F S G P S N T P G B B V P B O B T M J O F B S O T J O U M B C O E F P S B O E P U

D P B T U B M X B U F S T G P S T B M F P S F E S M O M F W Z T F O M B T S B F O E V M O S

basis to wholesale buyers, marketing organiza- J O T U S V N F O U T B O E F M F D U S P O J D m T  
tions or at markets. F E J S F D U J O H m T I J O H P Q F S B U J P O

5 B T L T J O D M V E F o

D S F X B D U J W J U J F T

(a) preparing and repairing nets and other G S F D P S E J O H m T I J O H Q S P H S F T T B  
m T I J O H H F B S B O E F R V J Q N F O U

(b) selecting areas for shing, plotting courses T I J Q T M P H

B O E D P N Q V U J O H O B W J H B U J P O B B J O P O H U J P O U V I T O H B O E I B V M J O

D P N Q B T T D I B S U T B O E P U (h) Sea Bidge, Freezing, icing or salting catch on-

D P Q F S B U J O H G J T I J O H W F P T S T P M T I P S P G S P N B O E B U

m T I J O H H S P V O E T J T F M F D U J O H B O E U S B J O J O H W F T

(d) baiting, setting, operating and hauling in Examples of the occupations classified here:

m T I J O H H F B S C Z I B O E - P S V T P Q F S B U J O H P T T U J O H F R V J O

N F O U F H B U I F S J O H W B S J P V T G P S N T P G B B V P B O B T M J O F B S O T J O U M B C O E F P S B O E P U

T I P S F T B O E T I B M M P X X S o m e r e l a t e d o c c u p a t i o n s c l a s s i f i e d e l s e w h e r e :

(f) maintaining engine shing gear and other ' J T I J O H P Q F S B U J P O T N B O B H F S o

P O C P B S E F R V J Q N F O U \$ P B T U B M m T I F S Z T L J Q Q F S o

(g) keeping records of transactions, shing ac- ' J T I F S D P B T U B M X B U F S T o

U J W J U J F T B O E X F B U I F S B O E T T I F S D P O M E B O B P X O T U F S T O E o

F T U J N B U J O H D P T U T B O E C V E H T U F S Z M B C P V S F S o

(h) sorting and storing catch in holds with salt

B O E J D F

J S F N P W J O H D B U D I F T G S P N m T I J O H F R V J Q N F O U

measuring them to ensure compliance with Unit Group 6224

legal size and returning undesirable or illegal **Hunters and Trappers**

D B U D I F T U P U I F X B U F S

K E J S F D U J O H m T I J O H P O H S e a l a n d T a p p e r s C a t c h a n d G i f t S a w n a i l s , O H

shing crew members. birds or reptiles mainly for meat, skin, feathers

B O E P U I F S Q S P E V D U T G P S T B M F P S E

Examples of the occupations classified here: Coastal shery skipper

ular basis to wholesale buyers, marketing organ- izations or at markets.

- 5 B T L T J O D M V E F o E E F M J W F S J O H P S T F M M J O H U S
- (a) setting traps to catch mammals, birds or reptiles to obtain desired products - Fur trapper  
 C J S E T P S S F Q U J M F T  
 U J M F T F S F Q B J S J O H B O E N B J O U B J O J O H
- (b) killing trapped or free mammals, birds or reptiles to obtain desired products - Seal hunter  
 S F Q U J M F T X J U I m S F B S N
- (c) skinning and otherwise treating killed mammals, birds or reptiles to obtain desired products - Seal hunter  
 V D U T G P S T B M F P S E F M J W F S Z

Examples of the Occupations Listed here:

Sub-ma-or Group 63

Subsistence Farmers, Fishers, Hunters and Gatherers

4VCTJTUFODF GBSNFST mTIFST IWOEFSTmFOME HPBSU IUS\$FIS TB 0 S PKI \$VOE
WFHFUBCMFT BOE GSVJU HBUIF SQNB 0LET GSV 0E TP \$ QV ON FBO D
BOE DBUDI mTI BOE HBUIFS WBSJUMPT GSPSM JE P GG BR V B U J D M N V J G S F E
TPNF DBTFT B NJOJNVN PG DBTI JPODTF NFMCEP S \$ PANNOTFFUMW 0T0F0S G
NBODF JO NPTU PDDVQBUJPOT JO M ITJ B U T W C I F N B K D B O H E S P 4 Q O S F R Y M S

5BTLT QFSGPSNFE CZ XPSLFST JO VEJFT QVSC QNEBSKJOSH HUSIFV QPV N
TPXJOH QMBOUJOH UFOEJOH BOE HUIBESVMF FTU J GHS VnJ UMEO 0 SPQITF S
BOE TISVC DSPQT HBUIFSJOH X QNMEB GUSTV J LCT S FEF 0 E ONHFEU 0 0 0 BOM
GFFEJOH BOJNBMT BOE QPVMUSZ NBBJSO MTZL JUOP PPSC UPBJ 0 S N 0 \$ R E V D
IVOUJOH PS USBQQJOH BOJNBMT PDSNUTD PJGO IB RnJ BIU BDO EM JH 0FU I FGSFU
XBUFS BOE HBUIFSJOH mSFXPPE DTBSPSSZJJOH 0S/RJE V D N FG 0 S P M B U T F
PG QSPEVDF CVJMEJOH BOE NB JNOBULBJ JOHJ QHP PIN V T F D M P Q B F F
VUFOTJMT GPS VTF CZ UIF IPV P E I P D N E B U F M R I D I D M R B S C B U S T U F

ODDVQBUJPOT JO UIJT TVC NBKPS XHUSPHV QN JBOSPFS DHMSB V T Q J m F E J O U

- 631 Subsistence Crop Farmers
632 Subsistence Livestock Farmers
633 Subsistence Mixed Crop and Livestock Farmers
634 Subsistence Fishers, Hunters, Trappers and Gatherers

Notes

+PCT TIPVME CF DMBTTJmFE JO 4 VNCF SNTB K P J T I (FSPV Q ) V O U F V S G T B T D L E F Q D U F I F B S S
when goods (mostly food) are produced mainly for own consumption or for consumption by other mem-
bers of the worker s household. If a large surplus is produced, and more goods are sold than consumed,
CVU UIF NBJO BJN PG QSPEVDUJPO TX BT P 0 R S E P O X F O W I D S P W I F W N F O T U J R 0 D U M B T R B 0
4VC NBKPS (SPVQ +PCT TIPVME (B 0 M 0 T C F D M B \$ L F r d F P S J J C F 0 W K E N B K P M I
"HSJDVMUVSBM 8PSLFST PS . B S T L I F S Z P B D F E O J V F 0 U 4 Q H M B M P S E F ' S T S F J G U 0 Z F N B J
BJN PG UIF BDUJWJUJ JT UP QSPEVDF HPPET GPS UIF NBSLFU
+PCT BSF BMTP DMBTTJmFE JO 4 P E V D B K P P S O M S Z P 0 S P X X I F D P 0 P V P N E Q U B S 0
GPS DPOTVNQUJPO CZ NFNCFST PG 0 I F J 0 P S P L N F S P S I P C V B F S U F F 0 E O H B 0 E 0 0 W 0 B M

Minor Group 631

Subsistence Crop Farmers

4VCTJTUFODF DSPQ GBSNFST HSPXC BDOSEP QBS WFFTHUF thF 0M E F P S B 0 S F
JO PSEFS UP QSPWJEF GPPE TIFM R G S D B 0 I E J O J D P N F N G P S B U I F F N T B I
and their households.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF M B 0 S F J 0 B H S J - C U H Q E B 0 T H J B M 0
WFTUJOH mFME DSPQT HSPXJOHEWTFHS R/CB D M P F O T G S V U D I B O H E X R
BOE HBUIFSJOH mSFXPPE TUP SPJNDFH QSP S F M T B J O H S P G T Q S P 0 V D
CVJMEJOH BOE NBJOUBJOJOH IPV TTF T D B M O P E U I P F U T I F B S O E I I F M I U 0 S J M T N B
CZ UIF IPVTFIPME TFMMJOH PSB SCLBFSU T F S J O H T P N F Q S P E V D U
ODDVQBUJPOT JO UIJT NJOPS HSPHV QV 0 S U F H D S P B V T O T J m F E J O U P U I F

6310 Subsistence Crop Farmers

Unit Group 6310

Subsistence Crop Farmers

5BTLT JODMVEF o
(a) preparing the soil and sowing, planting,
UFOEJOH BOE IBSWFTUJOH mFME D

4VCTJTUFODF DSPQ GBSNFSTCH SPSXP B D C E H I B V S F M I F T U B C n M F M E G S V J U B
PS USFF BOE TISVC DSPQT W H S R 0 B 0 S P F O T B O E G S V J U J O
PSEFS UP QSPWJEF GPPE TIFM U G S F U B D I E J O H O X T B P U N F S D B 0 E T H B U I F S J C
B NJOJNVN PG DBTI JODPN 0) G o i n g t o t h e f i e l d t o p l a n t a n d c a r r y o u t s o m e
their households. QSPDFTTJOH PG QSPEVDF

- (e) building and maintaining houses and other related occupations classified elsewhere:  
T I F M U F S T \$ S P Q G B S N M B C P V S F S o
- (f) making tools, clothes and utensils for use by ' J S F X P P E D P M M F D U P S o  
U I F I P V T F I P M E 8 B U F S D P M M F D U P S o
- (g) selling or bartering some products at local markets.  
Note

Examples of the occupations classified here:

- Subsistence crop farmer
- Subsistence gardener

4 V C T J T U F O D F W F H F U B C M U F I H S B X F S J P O P G P U I F S T B S F D M B T T J m F E  
H S P V Q J O 4 V C N B K P S ( S P V Q " H S J  
and Fishery Labourers.

Minor Group 632

**Subsistence Livestock Farmers**

4 V C T J T U F O D F M J W F T U P D L G B S N F S T P S S F B E U P S B O J S T F W B J O E G P O P E M  
B O E J O T P N F D B T F T B N J O J N V N P G U I D F B T S I U P O V T P N I P M E S U I F N T F  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F H S B M J O H W M U B J O E H T Q B T O J E V S N  
U P S J O H G F F E B O E X B U F S T V Q Q M J M T J W F F E P D L U P N R B J O B S J O H D B O  
B N J O J O H B O J N B M T U P E F U F D U J M D M O F I T Z T J D B M V B P O P E S J L E J P T O B T H F S P  
B O E N B S L J O H B O J N B M T B O E T I F B S B S E H J O H P B U S T N I P B D P O H M I D J W  
U P Q B T U V S F T H S B [ J O H M B O E B O E F K B J O F S B O E Q M J M F I T J O S H B T O J O N H  
E S B J O J O H C M P P E G S P N U I F N C S F F E B O M H C B J S J N B M T M B O E H I E M S J J O H H  
T L J O O J O H B O J N B M T B O E Q S F Q B S J O V N Q U F N P O B O S U B F M S Q D S P S Z J U  
P V U T P N F Q S P D F T T J O H P G B O J N B M Q P S V T E V T D U B O E C P V U I M S J O I H N B O F  
N B L J O H U P P M T D M P U I F T B O E V U B O T J O H Q P S U V S F B O Z E U H B U I P V  
m S F X P P E C V Z J O H C B S U F S J O H B O E T F M M J O H B O J N B M T B O  
O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V O B S U F H S P B V T O T J m F E J O U P U I F

**6320 Subsistence Livestock Farmers**

Unit Group 6320

**Subsistence Livestock Farmers**

- (g) slaughtering and skinning animals and preparing them and their products for consumption  
U J P O P S T B M F

4 V C T J T U F O D F M J W F T U P D L (h) Slaughtering and skinning animals and preparing them and their products for consumption  
U F O E M J W F T U P D L J O P S E F S S P E V D S T P W J E F G P P E T I F M U F S  
and, in some cases, a minimum of cash income (i) the building and maintaining houses and other  
G P S U I F N T F M W F T B O E U I F J S T I P M U I F S P T M E T

5 B T L T J O D M V E F o (j) making tools, clothes and utensils for use by  
B D V M U J W B U J O H Q B T U V S F U I F P S P W T F O B M I B O H H S B [ J O H  
lands, and monitoring feed and water supplies L G F U D I J O H X B U F S B O E H B U I F S J O  
O F F E F E U P N B J O U B J O D P I O B u y i n g , b a r t e r i n g a n d s e l l i n g a n i m a l s a n d  
C N P O J U P S J O H B O E F Y B N J S o m e p r o d u c t s . N B M T U P E F U F D U

illness, injury or disease, and to check phys-  
J D B M D P O E J U J P O Example of the occupations classified here:

- (c) grooming and marking animals and shearing Subsistence cattle farmer  
D P B U T U P D P M M F D U I B J S P S X P P M  
E I F S E J O H P S M F B E J O H Some related occupations classified elsewhere: T  
H S B [ J O H M B O E B O E X B U F S T J W O F C M B D I G B S N M B C P V S F S o
- (e) raising, tending, feeding and milking ani- . J Y F E D S P Q B O E M J W F T U P D L G B S  
N B M T P S E S B J O J O H C M P P E G S P N U I F N
- (f) breeding animals and helping with animal 8 B U F S B O E m S F X P P E D P M M F D U P S T  
C J S U I T

Note limited range of simple and routine tasks, usually under  
Workers in a subsistence setting whose main tasks are fetching water and gathering rewood are classified as Dry Labourers.  
m F E J O 6 O J U ( S P V Q 8 B U F S B O E J L B O U F S P P E \$ P M M F D

Minor Group 633  
**Subsistence Mixed Crop and Livestock Farmers**

4 V C T J T U F O D F N J Y F E D S P Q B O E M J W M T E U P S L U G B S N B F O S E T H I S W X B O S E  
W F H F U B C M F T B O E G S V J U H B U I F S X M B O U G S W J R O T E B P O S E I W O E J B O C  
B O E P S D B U D I m T I B O E H B U I F S W E F S J I P V T O G S P S A N J T E I P G P B P R E V B U O F D M M E  
J O T P N F D B T F T B N J O J N V N P G D B S I I P V D P N F M G P S U I F N T F M W F T  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F M B O S F J O B S J - C U H Q E B O T H J M O  
W F T U J O H m F M E D S P Q T H S P X J O H E W F I S F W C B D M F O T G S B U U F S J O C E H P X  
G S V J U T B O E N F E J D J O B M B O E P E I F S H O B M O B I N B M T B O E F O P O M U  
N B J O M Z U P P C U B J O N F B U F H H T G N F J U M U J O I H B J S B U T F L S J O P E S H P B U I  
m S F X P P E T U P S J O H Q S P E V D F G P S P M D F U T S O W T I P G Q E S P D E V S D S F Z J O M J P V  
B O E N B J O U B J O J O H I P V T F T B O E P U T F B O T E I F M U F O S T J M N B G L P S O H T U P P E N  
I P V T F I P M E T F M M J O H P S C B S U F S J O H T P N F Q S P E V D U T B U M  
O D D V O B U J P O T J O U I J T N J O P S H S P H V Q V B S F H S M P B / T O T J m F E J O U P U I F

**6330 Subsistence Mixed Crop and Livestock Farmers**

Unit Group 6330 F G F U D I J O H X B U F S B O E H B U I F S J O H  
**Subsistence Mixed Crop and Livestock Farmers** (f) storing produce for later use and carrying

4 V C T J T U F O D F N J Y F E D S (g) Building and maintaining houses and other (b) building and maintaining houses and other  
H S P X B O E I B S W F T U m F M E P S F M S F S T B O E T I S V C D S P O T  
W F H F U B C M F T B O E G S V J U (h) Making tools, clothes and utensils for use (h) Making tools, clothes and utensils for use  
E J D J O B M B O E P U I F S Q M B O U T I B F I O P V T F S P M E O U B O J N B M T  
B O E P S D B U D I m T I B O E (i) Selling or bartering surplus produce at local P G  
B R V B U J D M J G F J O P S E F S U P o n s e r v e s J E F G P P E T I F M U F S B O E

in some cases, a minimum of cash income for  
U I F N T F M W F T B O E U I F J S I Example of the occupations classified here:  
5 B T L T J O D M V E F o . J Y F E T V C T J T U F O D F G B S N F S

- (a) preparing the soil and sowing, planting, U F O E J O H B O E I B S W F T U J O N o t e m F M E D S P Q T  
C H S P X J O H W F H F U B C M F T Workers in a subsistence setting whose main tasks are fetching water and gathering firewood are classified as Dry Labourers.  
T I S V C D S P Q T J O 6 O J U ( S P V Q 8 B U F S B O E ' J S F X P P E
- (c) gathering wild fruits and medicinal and other Q M B O U T  
Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually under
- (d) breeding, tending and feeding animals and poultry mainly to obtain meat, eggs, milk and dairy products. I B J S T L J O P S P U I F S Q S P A n d D a i r y L a b o u r e r s .  
I F E J S F D U J P O P G P U I F S T B S F D M B T T J m F E  
H S P V Q J O 4 V C N B K P S ( S P V Q " H S J

Minor Group 634  
**Subsistence Fishers, Hunters, Trappers and Gatherers**

Subsistence fishers, hunters, trappers and gatherers gather wild fruits and medicinal and other  
Q M B O U T I V O U B O E U S B Q B O J N B M G P S B N O T E P O G B B B V B n U J I D B M O E G F B J O U  
U P Q S P W J E F G P P E T I F M U F S B O E O D J F O N F T P G N P F S D U B I F I N T T F N B W N F J C  
their households.

5 B T L T Q F S G P S N F E V T V B M M Z J O D O M V N F E J H D B U I F S J O H E X P M I E F S G S O M  
I V O U J O H P S U S B Q Q J O H B O J N B M T N B J O M P Z S U P P U P C S U B J S O P I N F B U T N G M U  
X B U F S B O E H B U I F S J O H m S F X P P E D P S U N D I J O G H B n R V I B B O E M B G H F S T J O  
P S D B S S Z J O H P V U T P N F Q S P D F T T N B H O R B J O I J O S Q P S V P T E V T D B O E V P J U  
T I F M U F S T N B L J O H U P P M T D M P U F F F M B E O E T V M R M O J T O J M T P S G P C S B S U T F S C  
products at local markets.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q B S U F H S P B V T O T J m F E J O U P U I F

**6340 Subsistence Fishers, Hunters, Trappers and Gatherers**

Unit Group 6340

**Subsistence Fishers, Hunters, Trappers and Gatherers**

(h) selling or bartering some products at local markets.

Examples of the occupations classified here:

Subsistence fishers, hunters, trappers and gatherers Hunter-gatherer  
H B U I F S X J M E G S V J U T B O E N F E S u b s i s t e n c e c o l l e c t o r P U I F S Q M B O U T  
I V O U B O E U S B Q B O J N B M T B O E C T B U D F O N T F I E B W E S H B U I F S  
W B S J P V T G P S N T P G B R V B U J D S u b s i s t e n c e r e s e r v e s U P Q S P W J E F  
food, shelter and, in some cases, a minimum of Subsistence trapper  
D B T I J O D P N F G P S U I F N T F M W F T B O E U I F J S I P V T F I P M E T  
5 B T L T J O D M V E F o

Some related occupations classified elsewhere:

- (a) gathering wild fruits, roots and medicinal 4 V C T J T U F O D F D S P Q G B S N F S o  
B O E P U I F S Q M B O U T 4 V C T J T U F O D F M J W F T U P D L G B S N F S
- (b) hunting or trapping animals mainly to obtain - J W F T U P D L G B S N M B C P V S F S o  
N F B U N J M L I B J S T L J O P S B U F S B O E M S F X P P E D P M M F D U P S T  
D G F U D I J O H X B U F S B O E H B U I F S J O H m S F X P P E
- (d) catching fish and gathering other forms Note  
B R V B U J D M J G F Workers in a subsistence setting whose main tasks are  
fetching water and gathering firewood are classified
- (e) storing or carrying out some processing of  
U I F J S Q S P E V D F J O 6 O J U ( S P V Q 8 B U F S B O E ' J S F X P P E
- (f) building and maintaining houses and other  
T I F M U F S T Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually under  
U I F E J S F D U J P O P G P U I F S T B S F D M B T T J m F E
- (g) making tools, clothes and utensils for use by  
U I F I P V T F I P M E J O 4 V C N B K P S ( S P V Q " H S J  
and Fishery Labourers.

Ma~or Group 7

**CRAFT AND RELATED TRADES WORKERS**

Craft and related trades workers apply speci c technical and practical knowledge and skills

UP DPOTUSVDU BOE NBJOUBJO \$WD WVESJFOTH TT FG PNSND INJUF BWMF  
PS NBLF mU NBJOUBJO BOE SFDBSS ZN BYIJ QFSSJZO UJ QMJ Q  
BOE QSPEVDF PS QSPDFTT GPPEEURUITS UBSYUJ DIMFT BJQED NXV  
IBOEJDSBGU HPPET \$PNQFUFOU QH \$G PNSBNKPOSD FH SJPOV Q PSTFUR VPJD  
TLJMMT BU UIF TFDPOE \*4\$O TLJMM MFWFM

5IF XPSL JT DBSSJFE PVU CZ IBOE BDM TC ZX IIBDIE QSRFSFE EBQ  
SFEVDF UIF BNPVOU PG QIZTJDBMmFD PUSBT IBTO E BUTJ XFNMRBJSEP G  
UIF RVBMJUJZ PG UIF QSPEVDUT HIFGUBMLT DUBHM TGP S BOF VOSEF  
process, the materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ DSBGU BOE \$FWEFUFIE PUSTBUESFTD XJB DLHF S TN BJTQIB  
BOE SFQBJSJOH CVJMEJOHT BOE PDEFSTIBQSOBUNSFMBM DBJDTUJQBH  
BOE FSDUJJOH IFBWZ NFUBM TUCSWDWB\$FQH UNBDILJMF SBZO EU SF  
FRVJQNFOU BOE PUIFS NFUBM BFWJDMHTB OFE UPUJQSHB LGPCHPWBSBE  
DIJOF UPPMT mUUJOH NBJOUBJ QJFOSHZ B Q HSFQFBTJ S WOFI JDM V T U SFJN  
BOE FMFDUSPOJD JOTUSVNFOUT BOE JROUTIFSV R Q W Q N FKOFUX F M BIE  
IPVTFIPME BOE PUIFS QSFJJPVT N S B M U B S U Q B MEFVD U Q P UQSFSEZV I  
IBOEJDSBGUT FYFDVUJOH QSJOUJQHP XPSV TOBDE VMB SHP B OEB QIS  
NBEF PG XPPE UFYUJMFT MFBUIPFS BCO EP USIFNS BXHF SEL NSBTU NSBJZ M

cluded. Self-employed craft and related trades workers, who operate their own businesses either independently or with assistance from a small number of others, may also perform a range of tasks associated with management of the business, account and record keeping and client

TFSWJDF BMUIPVHI TVDI UBTLT XPSV M ENQPOFOB S RCB M MFZ XDB  
ODDVQBUIJPOT JO UIJT NBKPS HSPH Q VCS R BKMPST HSR F Q TJOU P UIF

- 71 Building and Related Trades Workers (excluding Electricians)**
- 72 Metal, Machinery and Related Trades Workers**
- 73 Handicraft and Printing Workers**
- 74 Electrical and Electronics Trades Workers**
- 75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers**



Sub-ma-or Group 71

**Building and Related Trades Workers (excluding Electricians)**

# V J M E J O H B O E S F M B U F E U S B E F T X P J S S L F C S V T J N P D O T H U S V D F S F D N U B B O U E B S  
G P V O E B U J P O T X B M M T B O E T U S V D U V S F T F M F T G C I S B J O D L B O E P r o t h e r  
for building and other purposes. Competent performance in most occupations in this sub-  
N B K P S H S P V Q S F R V J S F T T L J M M T B U U I F T F D P O E \* 4 \$ O T L J M

5 I F X P S L J T D B S S J F E P V U C Z I B O E B O M T C Z X I I B O E B S K F S F E E B O  
S F E V D F U I F B N P V O U P G Q I Z T J D B M m D P U S B U T I B T O E B U T J X F M S M R B J S U P G  
U I F R V B M J U Z P G U I F Q S P E V D U T H S P S W B F T L X T P S D L B M S M H B O P S [ B B U O J P V O O  
materials and tools used, and the nature and purpose of the final product.

5 B T L T Q F S G P S N F E C Z X P S L F S T J O E F U I D P O T V G V D B K O S H N S B P J V  
U B J O J O H B O E S F Q B J S J O H C V J M E J O H J P B O M F B U O I E S P S U N S P V E D F U S V O S F C T V J  
U F D I O J R V F T D P O T U S V D U J O H B O E U S F V D U S S O T H P O V C O S E J E D L J P O T P O X F  
T J N J M B S N B U F S J B M T C S F B L J O H R O B S J S J J F C E H T U T P I O R J J O H W P B O M B r o t  
T U P O F G P S C V J M E J O H P S O B N F O U B A M S F D U P J O O V H N F S C F U B O M P B O E E P D P F O S D  
G S B N F X P S L T B O E T U S V D U V S F T B T X F O M U M T V S G r B O D J F T T J O D H V B O E O S H F Q B U I  
B T T F N C M J O H B O E N B J O U B J O J O H S X N P J O E H F O J T D S M I M U B V S F P V T B D R E  
T U S V D U J P O B O E C V J M E J O H N B J O U K O S L O F S F T U N B B T Z L T C F 4 J W O O D F M S W E J F T E J P O

O D D V O B U J P O T J O U I J T T V C N B K P S P X H J S O P H V Q N J B O S P F S D H M S P V T O J T m F E J O U

- 711 Building Frame and Related Trades Workers**
- 712 Building Finishers and Related Trades Workers**
- 713 Painters, Building Structure Cleaners and Related Trades Workers**

Minor Group 711

**Building Frame and Related Trades Workers**

# V J M E J O H G S B N F B O E S F M B U F E U S B E E S F O X P J S S L F C S V T J N P D O T H U S V D F S F D N U B B O U E B S  
S F Q B J S G P V O E B U J P O T X B M M T B O N B T S U S N B D U F S S B M T P G B O S E J D L B O  
m O J T I T U P O F G P S C V J M E J O H B O N B B R O U P F V S T O P S O P S V D U J B O E B  
building maintenance tasks.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M S E F O B D S O C H S Q A D J U M D H O H N T B B O U E B E  
T U S V D U V S F T C Z V T J O H U S B E J U J P O R B T M B O O T R U S S W D P U E F S I O B O E M S E F J O O E  
G P V O E B U J P O T X B M M T B O E T U S B V U D F S V B M T T P G S F C B S L J J D O L H R T W B P S C  
T U P O F J O U P T M B C T P S C M P D L T G P D S V W W J O M E J O T H B O P J S O O H B N B K  
N P O V N F O U B M B O E P U I F S Q V S Q P T N F F X P S F L S T B O E O T H U S V F D W G S P F S T D B  
X F M M B T m O J T I J O H B O E S F Q B J S J O H B D F F N N O M J T O I S G E B O E F T N B D O U B  
X P P E F O T U S V D U V S F T B O E m U U J O B U T J P O F B S O G E P S C N J O M E J O H T N D E J M  
U F O B O D F U B T L T 4 V Q F S W J T J P O P G P U I F S X P S L F S T N B Z C F J O D  
O D D V O B U J P O T J O U I J T N J O P S H S P H V Q N B S U F H D S M P B V T O T T J m F E J O U P U I F

- 7111 House Builders**
- 7112 Bricklayers and Related Workers**
- 7113 Stonemasons, Stone Cutters, Splitters and Carvers**
- 7114 Concrete Placers, Concrete Finishers and Related Workers**
- 7115 Carpenters and Joiners**
- 7119 Building Frame and Related Trades Workers Not Elsewhere Classified**

Unit Group 7111

**House Builders**

House builders erect, maintain and repair houses

and similar small buildings using either trad

J U J P O B M P S N P E F S O U F D I C O U A N W S H a p e B a r e a n d N B S W F S t o n e M i t c k s a n d

5 B T L T J O D M V E F o

(a) preparing ground for erecting building

P U I F S T U S V D U V S F T

(b) erecting structures to support roofs, and

C V J M E J O H B O E D P W F S J O H

N B U F S J B M T

D G J Y J O H S B G U F S T U P

S P P m O H N B U F S J B M

E M F W F M M J O H G M P P S T

T F S W J D F B C M F

F N B J O U B J O J O H B O E S F Q B J

(f) arranging for specialized work such as brick-

l a y i n g , p a i n t i n g , p l u m b i n g a n d e l e c t r i c a l

X J S J O H U P C F E P O F C Z T V C

H D P P S E J O B U J O H B O E T V Q F S W

subcontractors, labourers and other workers.

Example of the occupations classi ed here:

House builder

Some related occupations classi ed elsewhere:

\$ P O T U S V D U J P O Q S P K F D U

1 S P K F D U C V J M E F S o

\$ P O T U S V D U J P O T V Q F S W J T P

Unit Group 7112

**Bricklayers and Related Workers**

Bricklayers and related workers lay bricks, pre-cut stones and other types of building blocks in mortar to construct and repair walls, partitions, arches and other structures.

5 B T L T J O D M V E F o

(a) laying stone, brick and similar building

blocks to construct or repair walls, parti-

tions, replaces and other structures such as

T N P L F T U B D L T G V S O B D F T

P W F O T Q J F S T B O E B C V O N T O

C M B Z J O H G P P U Q B U I T L F S C T B O E Q B W F N F O U T

(c) laying bricks or other masonry to build

Q B U J P T H B S E F O X B M M T

stallations.

Examples of the occupations classi ed here:

Block layer

Bricklayer

Chimney builder

Refractory bricklayer

Some related occupations classi ed elsewhere:

4 U P O F N B T P O o

Unit Group 7113

**Stonemasons, Stone Cutters, Splitters and Carvers**

4 U P O F N B T P O T T U P O F D V U U F S T T Q M

cut and shape hard and soft stone blocks and

slabs for the construction and maintenance of

stone structures and monumental masonry, and

D B S W F E F T J H O T B O E m H V S F T J O T U P

5 B T L T J O D M V E F o

(a) selecting and grading stone and blocks of

J U J O U P T M B C T P S C M P D L T

(b) cutting, shaping and finishing building and

monumental stone such as granite or marble

S J T O H F Y B D L E J O P T M T S V P S U V S O E I F M E C

(c) making patterns and marking shapes on

T U P O F G P S T V C T F R V F O U T B X J O H C

(d) setting stone in the erection of monuments

D B O E U P S U B S P S S F T T J O H B O E D V U U J O H

(e) repairing and replacing stonework on old

buildings, churches and monuments.

N F N P S J B M T

Examples of the occupations classi ed here:

Stone cutter

Stone polisher (hand or hand-powered tools)

Some related occupations classi ed elsewhere:

8 B M M B O E n P P S U J M F T F U U F S T

. B D I J O F P Q F S B U P S T U P O F D V U U J C

Q S P D F T T J O H o

Unit Group 7114

**Concrete Placers, Concrete Finishers and Related Workers**

Concrete placers, concrete finishers and related

workers erect reinforced concrete frameworks

and structures, make forms for moulding con-

crete, reinforce concrete surfaces, cement open-

ings in walls or casings for wells, nish and repair

cement surfaces and carry out terrazzo work.

5 B T L T J O D M V E F o

(a) constructing and repairing reinforced con-

crete floors, walls, tanks, silos and other

D P O D S F U F T U S V D U V S F T

(b) making shuttering or assembling prefabri-

D B U F E G P S N T G P S N P V M E J O H D P O D

(c) cementing openings in walls or casings Examples of the occupations classied here:

X F M M T Carpenter

(d) nishing and smoothing surfaces of concrete % P P S J O T U B M M F S

T U S V D U V S F T Finish carpenter

(e) applying a durable smooth surfacing com- Framer

posed of cement, sand pigment and marble Joiner

Q B S U J D M F T U P n P P S T L O P X Shipwright (Wood) S B [ [ P m O J T I

Examples of the occupations classied here: Some related occupations classied elsewhere:

Cement nisher \$ B C J O F U N B L F S o

Concrete placer 8 I F F M X S J H I U o

5 F S S B [ [ P X P S L F S

Some related occupations classied elsewhere:

\$ P O D S F U F m O J T I J O H N B S T J O P P O F S B U P S o

Road surface laying machinery

P Q F S B U P S o

Unit Group 7119

**Building Frame and Related Trades Workers  
Not Elsewhere Classified**

5 I J T V O J U H S P V Q D P W F S T C V J M E J O H  
U S B E F T X P S L F S T O P U D M B T T J m F E  
( S P V Q # V J M E J O H ' S B N F B O E 3 F M

Unit Group 7115

**Carpenters and Joiners**

Workers. For instance, the unit group includes

T U F F Q M F K B D L T T D B P M E F S T B O E E F I  
O T V D I D B T F T U B T L T X P V M E J O D I

Carpenters and joiners cut, shape, assemble, erect, and perform miscellaneous

and fittings made from wood and other materials. construction and building maintenance work on

5 B T L T J O D M V E F o tall structures such as towers, chimneys and

(a) making, altering and repairing structural T Q J S F T

and other woodwork at a workbench or (b) erecting temporary metal or wooden scaf-

B D P O T U S V D U J P O T J U F G P M E J O H P O C V J M E J O H T J U F T

C D P O T U S V D U J O H F S F D (c) demolishing buildings and other structures. W Z

G S B N F E X P P E F O T U S V D U V S F T P O C V J M E J O H T J U F T

(c) tting, assembling and altering internal Examples of the occupations classied here:

F Y U F S O B M m Y U V S F T P G C Building worker T V D I B T X B M M T

doors, door and window frames, facings and Prefabricated building assembler

Q B O F M M J O H 4 D B P M E F S

E N B L J O H S F Q B J S J O H B O E Skilled Union Worker J D F R V J Q

ment for theatrical performances and motion Steeplejack

Q J D U V S F P S U F M F W J T J P O Q S P E V D U J P O T

(e) constructing, assembling, altering and Some related occupations classied elsewhere:

Q B J S J O H X P P E F O m Y U V S F T \$ B O E U S W D U J J O P O T M J B C P U V S F \$ O C V J M E

coaches, aircraft, ships, boats, floats and

P U I F S W F I J D M F T % F N P M J U J P O M B C P V S F S o

Minor Group 712

**Building Finishers and Related Trades Workers**

# V J M E J O H m O J T I F S T B O E S F M B U F T E U B I S I M E F N B X P O S U L B \$ O B D W F S S Q B O  
n P P S T X B M M T J O T V M B U J P O T Z T N L F F T N T B T H X F B M T M J B O T X Q J M V R X T O P H S  
and electrical systems in buildings and other structures.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V P E O F F I D S W I P S S J F O H J O E F G P G S I B I

U F S J B M J O T U B M M J O H Q B S R V F J U H B O P P S T I B S E L X B M T M T P G J O P I

P S N P T B J D Q B O F M T B Q Q M Z J O H Q O M H B T J O F S V N I P U X B M M N T B L B F O S E J E D M J N

n P P S T B O E D F J M J O H T D V U U J O H T n B O U E J O H N B M B S T F P O U F J O O J O H H T M B J T O T

Q M V N C J O H B O E Q J Q F M J O F T Z T U F N S F M O U B M F M V O H N F M U D U S V J O D F S M V

of other workers may be included.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q B S U F H S P B V T O T T J m F E J O U P U I F

- 7121 Roofers**
- 7122 Floor Layers and Tile Setters**
- 7123 Plasterers**
- 7124 Insulation Workers**
- 7125 Glaziers**
- 7126 Plumbers and Pipe Fitters**
- 7127 Air Conditioning and Refrigeration Mechanics**

Unit Group 7121

**Roofers**

Roofers build and repair roofs on all types of buildings, using one or more kinds of material.

- (a) studying drawings, specifications and construction sites to determine materials required
- (b) assembling carpet, tiles or other materials and laying them on floors according to
- (c) setting tiles and constructing and laying faces.
- (d) sizing and cutting roofing materials to fit around edges, corners and protuberances
- (e) using natural materials such as thatching to
- (f) creating temporary structures such as scaffolding and ladders.

Examples of the occupations classified here:

Roof tiler  
Slate roofer

Note

\* Occupations for adaptation and installation by roofers are classified

(b) assembling carpet, tiles or other materials and laying them on floors according to  
EFTJHO BOE PUIFS TQFDJmDBUJPC  
QSFQBSJOH XBMM BSFBT GPS DPWF  
PUIFS NBUFSJBMT GPS- EFDPSBUJW  
QPTFT TVDI BT BDPVTUJD JOTVMBU  
NPTBJD QBOFMT UP XBMMT nPPST  
C DPWFSJOH SPPG GSBNFXPSLT XJUI TMBUF BOE QSF  
GBCSJDBUFE UJMFT UP D  
D MBZJOH B XBUFSQSPPG TIJCapeByeE mYJOH NFUBMMJD  
PS TZOUIFUJD NBUFSJBMT UPSBMEVTIUEWFOH T GSBNF  
1BSRVFUSZ XPSLFS  
5JMF TFUUF5  
5BTTLT JODMVEF o

Unit Group 7123

**Plasterers**

Plasterers install, maintain and repair plasterboard  
JO CVJMEJOHT BOE BQQMZ EFDPSBUJ  
DPWFSJOHT PG QMBTUFS DFNFOU  
UP UIF JOUFSJPST BOE FYUFSJPST P  
5BTTLT JODMVEF o

- (a) applying one or more coats of plaster to interior walls and ceilings of buildings to provide
- (b) measuring, marking and installing ornamental plaster panels and casting and trimming
- (c) measuring, marking and cutting plasterboard, lifting and positioning panels and sealing compounds, and smoothing them
- (d) applying and nishing acoustic, insulating and fireproofing materials based with plaster, plastic cement and similar materials.

Unit Group 7122

**Floor Layers and Tile Setters**

Floor layers and tile setters install, maintain and of cement, plaster and similar materials to surfaces with carpets, tiles or mosaic panels for

- (g) applying and nishing acoustic, insulating and fireproofing materials based with plaster, plastic cement and similar materials.

Examples of the occupations classied here:

- % S Z X B M M Q M B T U F S F S
- Fibrous plasterer
- Ornamental plasterer
- Plasterer
- Solid plasterer
- Stucco plasterer

Examples of the occupations classied here:

- " V U P H M B [ J F S
- ( M B [ J F S
- Roo ng glazier
- Vehicle glazier

Some related occupations classied elsewhere:

- ( M B T T D V U U F S o
- ( M B T T m O J T I F S o

Unit Group 7124

Insulation Workers

Insulation workers apply and repair insulating materials to buildings, boilers, pipes or refrigeration

- (b) applying slabs and sheets of insulating materials to buildings, boilers, pipes or refrigeration
- (c) blowing and packing insulating or sound-absorbing materials into cavities, ducts, attics, roofs, floors, walls, ceilings, and other spaces
- (f) insulating refrigeration and air conditioning systems

Examples of the occupations classied here:

- " D P V T U J D J O T V M B U J P O
- Boiler and pipe insulation worker
- Insulation installer
- Insulation worker
- Refrigeration and air conditioning
- FRVJQNFOU JOTVMBUJPO

Unit Group 7126

Plumbers and Pipe Fitters

Plumbers and pipe fitters assemble, install, repair and maintain pipe systems, drains, gutters, ducts, and other piping systems. They also install, repair, and maintain heating, ventilation, and air conditioning systems.

- (b) installing gas appliances, dishwashers and water heaters, sinks and toilets using hand tools
- (c) laying clay, concrete or cast-iron pipes in trenches to form sewers, drains or water systems and pipes, using pressure gauge, and other equipment

Examples of the occupations classied here:

- % S B J O U F D I O J D J B O
- ( B T m U U F S
- Pipe fitter
- Roof layer
- Plumber
- Ventilation pipe fitter

Unit Group 7125

Glaziers

Glaziers install and repair glass and mirrors.

- (a) selecting the type of glass to be used, cutting to right size and shape and installing in windows, skylights, display cases, and other structures
- (b) installing glass and mirrors in skylights, display cases, staircases, balustrades and stained glass windows.

Some related occupations classied elsewhere:

- Installers of metal drains, gutters and ducts are classied elsewhere.
- Who make sheet metal products for adaptation and installation are classied elsewhere.

Unit Group 7127

**Air Conditioning and Refrigeration Mechanics**

D D P O O F D U J O H Q J Q J O H B O E F R V J Q N F O U N T

(d) testing systems, diagnosing faults and per- assemble, install, maintain and repair air condi-

U J P O J O H B O E S F G S J H F S B U J P O T

5 B T L T J O D M V E F o

(a) interpreting blueprints, drawings and other Refrigeration mechanic

T Q F D J m D B U J P O T

(b) assembling, installing and repairing components such as compressors, motors, con-

1 M V N C F S B O E Q J Q F m U U F S o

E F O T F S T F W B Q P S B U P S T T X J U 7 D F I O U J B M E U H P V H Q T J G P S m U U F S o

B J S D P O E J U J P O J O H B O E S F G S J H F S B U J P O T Z T U F N T

Minor Group 713

**Painters, Building Structure Cleaners and Related Trades Workers**

Painters, building structure cleaners and related trades workers prepare surfaces and apply

Q B J O U B O E T J N J M B S N B U F S J B M T W J P I J O W J M T E P O S H W B S O J P V P T U I N F S O V

U V S F E B S U J D M F T 5 I F Z D P W F S J M O B S J P S S B O N M D T M B B O D F J M O J O Z H

F Y U F S J P S T V S G B D F T P G C V J M E J O H T B O E P U I F S T U S V D U V S F T

5 B T L T Q F S G P S N F E V T V B M M Z J O D M W E C B J O S J F B D E J O H N J M S B S B D B U F E

U P C V J M E J O H T B O E P U I F S T U S V W F V S D M F T B Q S M V Z B O H P Q B J N B

U V S F E B S U J D M F T V T V B M M Z X J U I O B F S B O S X O S M V Z T O H O E F D V J D M F J O I

X B M M Q B Q F S T J M L P S P U I F S G B Q S J F S T J P S D M V S Q B D H T D R G N O V J M E J D

P U I F S T U S V D U V S F T 4 V Q F S W J T J P O P G P U I F S X P S L F S T N B Z C F J

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V B S U F H S P B V T O T J m F E J O U P U I F

**7131 Painters and Related Workers**

**7132 Spray Painters and Varnishers**

**7133 Building Structure Cleaners**

Unit Group 7131

**Painters and Related Workers**

Examples of the occupations classi ed here:

Building painter

Painters and related workers prepare surfaces

of buildings and other structures for painting,

B Q Q M Z Q S P U F D U J W F B O E E F D P S B U J W F D P B U T P G Q B J O U

P S T J N J M B S N B U F S J B M T U n i t G r o u p 7 1 3 2 F S J O U F S J P S X B M M T B O E

ceilings of buildings with wallpaper or other **Spray Painters and Varnishers**

ishes.

5 B T L T J O D M V E F o

4 Q S B Z Q B J O U F S T B O E W B S O J

(a) cleaning and preparing walls and other surfaces of buildings for painting or wallpa

J W F D P B U J O H T U P N B O V G B D U V S F E J U

Q F S J O H 5 B T L T J O D M V E F o

C T F M F D U J O H B O E Q S F Q B S J O C H S F O B S O D H U P S S F R V T J S J P E C F D P B U

D P M P V S T C Z N J Y J O H Q J H N F G U N T F L B I O E T B U E P J S B M F W F H S F B T F E

D B Q Q M Z J O H P S T Q S B Z J O H Q B J O U J O W B S B S T I B O E F T U S V I

T J N J M B S N B U F S J B M T U P T D S M G B D F B O E G B Y O U Q M Z T O H H O W B S O J T I

m U U J O H T P G C V J M E J O H T U J W F D P B U J O H T

(d) measuring and hanging wallpaper or other D B Q Q M Z J O H Q B J O U B T X F M M B T

G B C S J D T P O J O U F S J P S X B M M T B O E N D F M P S O M T B S O J T I P O N F U B M

F B Q Q M Z J O H Q B J O U T W B S O t h e r m a n u f a c t u r e r s u s u a l l y w i t h s

faces using brushes, rollers and sprays. I B O E T Q S B Z J O H E F W J D F

Examples of the occupations classed here: 5 B T L T J O D M V E F o  
 . B O V G B D U V S F E B S U J D M F T B Q B J O U F S J O H F Y U F S J P S T V S G B D F T  
 Varnisher metal or similar materials by means of chem-  
 icals, or a jet of steam or sand applied under  
 Vehicle painter I J H I Q S F T T V S F

Some related occupations classed elsewhere: C S F N P W J O H T P P U G S P N n V F T D I J M  
 # V J M E J O H Q B J O U F S o O F D U J O H Q J Q F T  
 % F D P S B U J W F Q B J O U F S o D S F N P W J O H B T C F T U P T N P V M E B  
 4 J H O X S J U F S o surfaces from buildings.  
 8 P P E U S F B U F S o

Examples of the occupations classed here:  
 # V J M E J O H F Y U F S J P S T D M F B O F S  
 Chimney sweep  
 4 B O E C M B T U F S C V J M E J O H F Y U F S J

Unit Group 7133

**Building Structure Cleaners**

Some related occupations classed elsewhere:  
 ( S B U J D M F B O F S o

# V J M E J O H T U S V D U V S F D M F B O F S U F S U F S J P S T V S  
 faces of buildings and other structures, and  
 S F N P W F T P P U G S P N D I J N O F Z T

Sub-ma-or Group 72

**Metal, Machinery and Related Trades Workers**

. F U B M N B D I J O F S Z B O E S F M B U F E U S O B Z E F P T U I X F S S I N F S U T I P E B T U G F  
N F U B M F S F D U N B J O U B J O B O E S F F Q B O S N I F B M D F N E U P B M T B S V D O  
X F M M B T J O m U U J O H N B J O U B J O J I O H C B O J E O S F O B B O I S J V O H I J N D B M D H J O F P S S  
Q S P E V D F U P P M T B O E W B S J P V T O P O U Q S F S G P S T N B N C F D J B M O B S U P J T D U M I  
D V Q B U J P O T J O U I J T T V C N B K P S H S \* P V S O O S T F L R M M S F T M F W J M M M T B U U  
5 I F X P S L J T D B S S J F E P V U C Z I B O E B D M T C Z X I I B D E B S K F S F E E B O  
S F E V D F U I F B N P V O U P G Q I Z T J D B M M D P U S B U T I B T O E B U T J X F M S M R B J S U P G  
U I F R V B M J U Z P G U I F Q S P E V D U T H P 5 G I F U I F B X R S L D P B S M B I O J G I B S J J E  
materials and tools used, and the nature and purpose of the nal product.

5 B T L T Q F S G P S N F E C Z X P S L F S T J V C E F U I N B L T V O G I N B X M S T H S O E V  
D P S F T G P S D B T U J O H N F U B M D B T T U J O M M X O M E J F O S H D B O J E O H I B O B O E  
B O E S F Q B J S J O H I F B W Z N F U B M T U S F O U V S G P S H U B O H M E F O E O G P S S F I  
T U F F M B O E P U I F S O P O Q S F D J P V T N E U B U P M J T P N F B R V F J O B N O F E O S F R O C  
P U I F S B S U J D M F T T F U U J O H G P S W O S S B V P S N T B D S J O F U U P J O M T B O n E U  
N B J O U B J O J O H B O E S F Q B J S J O H J O E V T B I S E B M F N B D M J F O T F S Z V Q O S W  
of other workers may be included.

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T Q J T m F E J O U

- 721 Sheet and Structural Metal Workers, Moulders and Welders, and Related Workers**
- 722 Blacksmiths, Toolmakers and Related Trades Workers**
- 723 Machinery Mechanics and Repairers**

Minor Group 721

**Sheet and Structural Metal Workers, Moulders and Welders, and Related Workers**

Sheet and structural metal workers, moulders and welders, and related workers, make moulds and cores for casting metal, weld and cut metal parts, make and repair articles of sheet metal, and in-  
T U B M M F S F D U N B J O U B J O B O E S F O B C S M F F B W S T N F O B M S F T M S V D E U V F S R

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V T E L J O H B N J O B M N P V M E U J O H E X P I  
B O E T I B Q J O H N F U B M Q B S U T N B L J O N H F B D M S T F V O B I J S B J O H T I B F S F U W D T  
D P Q Q F S U J O P S C S B T T J O T U B M B M S O E H A S B D V U Z O N H U B I J O U B Y O J  
X F M M B T U B D L M F D B C M F D B S T B O E S F M B U F E F R V J Q N F O U

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

- 7211 Metal Moulders and Coremakers**
- 7212 Welders and Flame Cutters**
- 7213 Sheet Metal Workers**
- 7214 Structural Metal Preparers and Erectors**
- 7215 Riggers and Cable Splicers**

Unit Group 7211

**Metal Moulders and Coremakers**

. F U B M N P V M E F S T B O E D P S F N B L N F S W J O B I L B O N E P O M E J U J P O J O H X P S L  
and cores for casting metal.  
mould sections, patterns and bottom boards,

5 B T L T J O D M V E F o V T J O H D S B O F T P S T J H O B M M J O H  
B N B L J O H N P V M E T C Z I B O E P X P S T J Q H F D V F T J M J B S Z N B  
chines on a bench for small metal castings (e) n positioning patterns inside mould sections  
U I F G P V O E S Z n P P S P S J O B B O O E D M S B M C B S C H F D B T U J O E T U P H F U I F

C N B L J O H D P S F T G P S V T F J O N F U B  
(c) cleaning and smoothing moulds and core  
C P Y F T B O E S F Q B J S J O H T V S G B D F



- (f) cutting spouts, runner holes and sprue holes in installing and repairing sheet metal parts of JOUP NPV MET WFIJDMFT BOE BJS DSBGU
- (g) lifting upper mould sections from lower sections in the construction and assembly of DPOWFSUJOH CMVFQ SJOUT JOUP UJ POT BOE SFNPWJOH NPV PG TIFFU NFUBM QSPEVDUT

Examples of the occupations classified here: G EFUFSNJOJOH QSPKF DU SFRVJSF  
 Coremaker TD PQF BTTFNCMZ TFRVFODFT B  
 . FUBM DBTUJOH NPVMEFS methods and materials, according to blue-  
 QSJOUT ESBXJOHT -BOE XSJU  
 TUSVDUJ POT  
 H JOTQF DUJOH QSPEVDU RVBMJU Z B  
 ensure conformity with specifications.

Unit Group 7212

**Welders and Flame Cutters**

Examples of the occupations classified here:

- 8FMEFST BOE nBNF DVUUFST XFMEJ OH DVU NFUBM QBSUT  
 VTJOH HBT nBNF FMFDUSJD BOE PUIFS TPVSDFT PG  
 heat to melt and cut, or to melt and fuse metal. Panel beater  
 5BTLT JODMVEF o 5JOTNJUI  
 B XFMEJOH NFUBM QBSUT VTJOH HBT nBNF PS BO  
 electric arc, thermite compound or other  
 NFUIPET  
 C PQFSBUJOH SFTJTUBODE XFMEJ OH 3PPGFST \* OTUBMMFST PG  
 BOE EVDUT BSF DMBTTJmFE JO 6OJU (SPV  
 (c) using blowtorches to make and repair lead and Pipe Fitters. Workers who make sheet metal products  
 MJOJOHT QJQFT nPPST for adaptation and installation by roofers and plumbers  
 E CSB[JOH NFUBM QBSUT  
 F DVUUJOH NFUBM QJFDFT VTJOH HBT nBNF PS BO  
 FMFDUSJD BSD  
 G KPJOJOH NFUBM QBSUT CZ IBOE TPMEFSJOH

- (g) monitoring the tting, burning and welding unit Group 7214  
 QSPDFTTFT UP BWPJE P  
 XBSQJOH TISJOLJOH EJTUPSUJPO PS FYQBOTJPO  
 PG NBUFSJBM  
 I FYBNJOJOH XPSL QJFDFT  
 using work pieces with straight edges or templates to ensure conformity with specifications.

Examples of the occupations classified here:  
 Brazier  
 Flame cutter  
 Welder

**Structural Metal Preparers and Erectors**

Structural metal preparers and erectors assemble, erect and dismantle structural metal frames of buildings and other structures.

- (a) marking metal framework as a guide when drilling, cutting and shaping metal stock for VTF JO CVJMEJOHT TIJQT BOE PUI
- (b) drilling, cutting and shaping structural steel JO B XPSLTI PQ
- (c) erecting steel framework for buildings, CSJEHFT BOE PUIFS DPOTUSVDUJPO
- (d) assembling and erecting the framework and PUIFS NFUBM QBSUT PG TIJQT TUS
- (e) shaping and tting structural steel plates of TIJQT VOEFS DPOTUSVDUJPO PS SF

Unit Group 7213

**Sheet Metal Workers**

Sheet metal workers make, install and repair articles and parts of articles made out of sheet metal such as sheet steel, copper, tin, brass, aluminium

Examples of the occupations classified here:

- [JOD PS HBMWBOJ[FE JSPO Erector, structural metal
- 5BTLT JODMVEF o Preparer, structural metal
- B NBSLJOH TIFFU NFUBM GP S JWFUJS OH BOE TIBQJOH
- (b) making and repairing household utensils and other articles in tin, copper and light alloys some related occupations classified elsewhere:  
 PS PS OBNFOUBM BSUJDMFT 3BWEUMUSJPEVHTUJPO NBDIJOF PQFS  
 D NBLJOH BOE SFQBJ SJOH CPJMFST UBOLT WBUT  
 BOE TJNJMBS DPOUBJOFST

Unit Group 7215

**Riggers and Cable Splicers**

(e) lifting and mounting scenery, lighting and

PUIFS FRVJQNFOU JO UIFBUSFT BOE

(f) installing and maintaining communication

Riggers and cable splicers assemble rigging gear towers, aerial cableways, funicular railways, components, or install and maintain cables, ropes and wires on construction sites, buildings or other structures.

Examples of the occupations classified here: Cable and rope splicer

5 B T L T J O D M V E F o

Cable and rope splicer

Rigger

(a) estimating the size, shape and weight of ob-

Ship rigger

K F D U T U P C F N P W F E B O E E F S D U F E B U S H J D P O M U S B H U H Z C F

P G F R V J Q N F O U U P N P W F U I S P X F S S J H H F S

(b) installing and repairing cables, ropes, wires,

Q V M M F Z T B O E P U I F S U B D L M F

(c) joining, repairing and fitting attachments Some related occupations classified elsewhere:

X J S F T S P Q F T B O E D B C M F T \$ B C M F T Q M J D J O H N B D I J O F P Q F S B

(d) working as member of a crew erecting and repairing derricks for drilling water, gas and

\$ S B O F I P J T U B O E S F M B U F E Q M

P J M X F M M T

Minor Group 722

**Blacksmiths, Toolmakers and Related Trades Workers**

Blacksmiths, toolmakers and related trades workers hammer and forge bars, rods or ingots of

J S P O T U F F M B O E P U I F S N F U B M T G P U R N B M F B O R E V \$ Q Q B O S W B S J P

B S U J D M F T T F U N B D I J O F U P P M T S G J P S T P Q B S B W O S T U P P S M T F U B C B O E

and sharpen surfaces.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E M B B N N F S U F O S H N F O B M P S U H J O N

B O E S F Q B J S W B S J P V T L J O E T P G U P P M U T U J O R V N B D F D O U F B U O P E P M U I G S

F S B U P S T P S T F U U J O H B O E P Q F S B U U D H m W B S U P M F S N B D I J O F Q U P P M J

and sharpening metal surfaces and tools.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B T O T T J m F E J O U P U I F

**7221 Blacksmiths, Hammersmiths and Forging Press Workers**

**7222 Toolmakers and Related Workers**

**7223 Metal Working Machine Tool Setters and Operators**

**7224 Metal Polishers, Wheel Grinders and Tool Sharpeners**

Unit Group 7221

**Blacksmiths, Hammersmiths and Forging Press Workers**

(b) shaping heated metal into forgings on power

I B N N F S T F R V J Q Q F E X J U I P Q F O E J F T

(c) operating closed-die drop hammers to forge

N F U B M B S U J D M F T

Blacksmiths, hammersmiths and forging press workers hammer and forge bars, rods, ingots and plates of iron, steel or other metals, and draw

E P Q F S B U J O H B Q P X F S Q S F T T N B D

X J U I D M P T F E E J F T U P G P S H F N F U

natural and related implements. Examples of the occupations classified here:

X J S F U P N B L F B O E S F Q B (f) rearing work orders Job description to determine

N F U B M B S U J D M F T Q J F D F T P G N J O V J Q N F D W m F B O E U P M I S S B O M F T B O E

P Q F S B U J P O T G P S N B D I J O F T F U V Q

5 B T L T J O D M V E F o

(g) measuring and inspecting machine parts to

(a) heating metal in forge furnaces and manufacturing and repairing articles by drawing, facturing and repairing articles by drawing,

facturing and repairing articles by drawing, hammering metal on

B O W J M Q V O D I J O H T - I F B S Blacksmith P J O J O H B O E I B S E

F O J O H P S U F N Q F S J O H % S P Q I B N N F S X P S L F S

Forging press worker  
Hammersmith

Some related occupations classi ed elsewhere:  
5 P P M Q S P E V D U J P O N B D I J O F P Q F

Some related occupations classi ed elsewhere:  
\$ B T U J O H N B D I J O F P Q F S B U P S o  
. B D I J O F U P P M P Q F S B U P S Unit Group 7223

**Metal Working Machine Tool Setters  
and Operators**

Unit Group 7222  
**Toolmakers and Related Workers**

. F U B M X P S L J O H N B D I J O F - U P P M T F U U  
U P S T T F U B O E P S P Q F S B U F W B S J P V T  
working to ne tolerances.

5 P P M N B L F S T B O E S F M B U F E X B S I E S T J N D I M F V B D E o S F Q B J S  
custom-made and specialized tools, sports guns, setting one or more types of machine tool for  
locks, dies, patterns, machinery components and production of metal articles in standardized  
other metal articles using hand and machine tools to work metal to ne tolerances.

- (a) reading and interpreting engineering drawings and specifications of tools, dies, prototypes and preparing templates and sketches, and determining shapes and tolerances of assemblies, based on drawings and sketches, and detecting piece defects or machine malfunctions, and positioning, securing and measuring metal work pieces to determine accuracy of machine operation, using rules, templates or controlled machine tools to cut, turn, mill, plane, drill, bore, grind or otherwise shape work pieces to prescribed dimensions and
- (b) operating and monitoring metal working machines such as lathes and milling, planing, boring, drilling, grinding or honing machines, including multipurpose numerically controlled machine operation, using rules, templates or controlled machine tools to cut, turn, mill, plane, drill, bore, grind or otherwise shape work pieces to prescribed dimensions and
- (c) inspecting work pieces for defects, and measuring work pieces to determine accuracy of machine operation, using rules, templates or controlled machine tools to cut, turn, mill, plane, drill, bore, grind or otherwise shape work pieces to prescribed dimensions and
- (d) fitting and assembling parts to make and castings machine operator
- (e) repairing and modifying sports guns and
- (f) making, tting, assembling, repairing and
- (g) making and repairing metal patterns for
- (h) laying out lines and reference points on metal stock to guide other workers who cut, turn,

Examples of the occupations classi ed here:

- (f) fitting and assembling parts to make and castings machine operator
- (g) repairing and modifying sports guns and
- (h) making, tting, assembling, repairing and
- (i) making and repairing metal patterns for
- (j) laying out lines and reference points on metal stock to guide other workers who cut, turn,

Unit Group 7224  
**Metal Polishers, Wheel Grinders  
and Tool Sharpeners**

. F U B M Q P M J T I F S T X I F F M H S J O E F S T  
eners polish and grind metal surfaces and sharpen tools.

Examples of the occupations classi ed here:  
% J F N B L F S  
( V O T N J U I  
Jig maker  
Locksmith  
Patternmaker  
5 P P M N B L F S

- (b) sharpening cutting tools and instruments using grinding wheels or mechanically operated

- (c) repairing, adjusting and sharpening saw hand tools and applying knowledge of abra-  
C M B E F T B O E N F U B M U F F U I T J W G F T D Z M I O H S S C E J O H U C S R U D I M E V S F T  
D B S E J O H N B D I J O F T
- (d) dressing grinding wheels according to specifications, using examples of the occupations classified here:  
m D B U J P O T Knife sharpener
- (e) monitoring machine operations to determine whether adjustments are necessary, and stop-  
. F U B M m O J T I F S  
. F U B M Q P M J T I F S  
Q J O H N B D I J O F T X I F O Q S P C M F N P M P H D J O S E F S
- (f) inspecting, feeling and measuring work pieces to ensure that surfaces and dimensions are correct, using some related occupations classified elsewhere:  
T J P O T N F F U T Q F D J m D B U J P O T . F U B M m O J T I J O H N B D I J O F P Q F S B U
- (g) selecting and mounting grinding wheels on machines according to specifications, using  
. F U B M Q P M J T I J O H N B D I J O F P Q F S B

Minor Group 723

**Machinery Mechanics and Repairers**

. B D I J O F S Z N F D I B O J D T m B O E I O S T F U B M S E S S B F J O H U J B O F O T B O V E F I S J D O M F T B H  
U V S B M P S J O E V T U S J B M N B D I J O F S Z B O E T J N J M B S N F D I B O J D B M  
5 B T L T Q F S G P S N F E V T V B M M Z J O D H M V D E S F U B J S H O H J O D U H B M M T J O  
D M F T B H S J D V M U V S B M P S J O E V T U S J B M N B D I J O F S Z B O E T J N  
O D D V O B U J P O T J O U I J T N J O P S H S P H V Q B S U F H S P B V T O T T J m F E J O U P U I F

- 7231 Motor Vehicle Mechanics and Repairers**
- 7232 Aircraft Engine Mechanics and Repairers**
- 7233 Agricultural and Industrial Machinery Mechanics and Repairers**
- 7234 Bicycle and Related Repairers**

Note

O D D V O B U J P O T B S F D M B T T J m F E J O . B K P S J G S I P M F Q U B T & M B N S F O R Q B S E Z T O J D N D W O F B U D O P E S P  
D B M M N B J O M Z G P S F Y Q F S J F O D F X J J O F B S C Z E P E O F S V B O U E F F E S T B U O B E O N P O H J U P P G S F U E F O N D I  
Q B U J P O T B S F D M B T T J m F E J O . B K P S J G S I P M F Q U B T & M B N S F O R Q B S E Z T O J D N D W O F B U D O P E S P  
O B U V S F N B J O M Z F O U B J M U I F V T F F P B S I U B O M J E M M R U P P S M D P T O S I F W O J I Z V T J D B  
B O E V O E F S T U B O E J O H P G U I F X P S Q U B O E M J N J U F E J O J U J B U J W F P S K V E H

Unit Group 7231

**Motor Vehicle Mechanics and Repairers**

. P U P S W F I J D M F N F D I B O J D T B O E S F M I E S F C H A N G E S F I S T I C A T I O N S A N D E N G I N E  
T U B M M N B J O U B J O T F S W J U D V O F B V O E T S E O B B J D S I J F W H J T O P P U B F O S E S  
U I F N F D I B O J D B M B O E - S F M I E S F C H A N G E S F I S T I C A T I O N S A N D E N G I N E  
T F O H F S D B S T E F M J W F S Z U S S F D H V T M B N P R O P S D Z D M F T B O E  
P U I F S N P U P S W F I J D M F T (h) reassembling engines and parts after being  
5 B T L T J O D M V E F o repaired.

- (a) detecting and diagnosing faults in engines  
B O E Q B S U T Examples of the occupations classified here:  
C G J U U J O H F Y B N J O J O H U " R V T U P N P U J W O E C S T F L S F W J D Z J T O H F N T T F S  
N P U P S W F I J D M F B O E N P U P S D Z D M F T F O H J O F T
- (c) replacing engine components or complete en-  
H J O F T % J F T F M m U U F S S P B E U S B O T Q P S U  
& O H J O F m U U F S N P U P S W F I J D M F  
E G J U U J O H F Y B N J O J O H B E ( S B S W H F O N F D E B O N B O U M J O H  
S F C V J M E J O H B O E S F O M B D P O H E E S F Q B D S F J S W F Q B S U T P G  
N P U P S W F I J D M F T . P U P S D Z D M F N F D I B O J D
- (e) installing or adjusting motors and brakes,  
and adjusting steering or other parts of  
N P U P S W F I J D M F T . P U P S J [ F E S J D L T I B X N F D I B O J D  
. P U P S W F I J D M F F O H J O F B O E G V F M  
T F S W J D F U F D I O J D J B O

. P U P S W F I J D M F N F D I B O J D " J S D S B G U F O H J O F m U U F S  
 . P U P S W F I J D M F N F D I B U S P O J D S D S B G U N B J O U F O B O D F F O H J O F F  
 technician " J S D S B G U N B J O U F O B O D F F O H J O F F  
 . P U P S W F I J D M F S F Q B J S F S " J S D S B G U N B J O U F O B O D F T V Q F S W  
 . P U P S W F I J D M F T F S W J D F U F D I O J D J B O N F D I B O J D  
 Small engine mechanic " J S D S B G U S F T U P S F S  
 " J S D S B G U T F S W J D F U F D I O J D J B O

Some related occupations classed elsewhere: " J S G S B N F B O E Q P X F S Q M B O U N F  
 # J D Z D M F S F Q B J S F S o " J S G S B N F N F D I B O J D  
 " V U P N P U J W F F M F D U S J D J B O W J B U J P O N B J O U F O B O D F U F D I O J D  
 & M F D U S J D B M N F D I B O J D o Helicopter mechanic  
 . P U P S W F I J D M F F O H J O F B T J e t E n g i n e M e c h a n i c  
 Pneudraulic systems mechanic (aircraft)  
 Powerplant mechanic (aircraft)  
 Rocket engine component mechanic

Unit Group 7232

**Aircraft Engine Mechanics and Repairers**

Some related occupations classed elsewhere:

" F S P O B V U J D B M F O H J O F F S o  
 " J S D S B G U F O H J O F N F D I B O J D T B O E S D S B G U N B J O U F O B O D F F O H J O F  
 W J D F S F Q B J S B O E P W F S I B W J B O S D S B G U F O H J O F T B O E  
 assemblies, such as airframes and hydraulic and " W J P O J D T U F D I O J D J B O o  
 pneumatic systems. " J S D S B G U F O H J O F B T T F N C M F S o  
 5 B T L T J O D M V E F o  
 B m U U J O H F Y B N J O J O H - U F T U J O H B O E T F S W J D J O H B J S  
 D S B G U F O H J O F T

(b) replacing engine components or complete Unit Group 7233

**Agricultural and Industrial Machinery Mechanics and Repairers**

H J O F T B J S G S B N F T B O E B J S  
 D F Y B N J O J O H B O E J O T Q F S J D V M U V S B M B O E J O E V T U S  
 craft components, including landing gear, hy- N F D I B O J D B M F R V J Q N F O U G P S D P O  
 draulic systems and de-icers to detect weath- D S B D L T C S F B L T M F B L T P I S P J D T S B O S P S C M B N S F S T m U J O T U B M  
 E N B J O U B J O J O H S F Q B J S o r e p a i r e n g i n e s a g r i c u l t u r a l a n d i n d u s t r i a l  
 fying and testing aircraft structural, m e c h a n i c s a n d r e p a i r e n g i n e s a g r i c u l t u r a l a n d i n d u s t r i a l  
 D I B O J D B M B O E I Z E S B V M J D U T P Z S T W F F N J D M F T B J S D S B G U B O E F M  
 F S F B E J O H B O E J O U F S S B T L U T J J O H D M V E F o B M T T F S W J D F  
 bulletins and other speci cations to deter- B m U U J O H J O T U B M M J O H F Y B N J O  
 mine the feasibility and method of repairing repairing engines, machinery and mechan-  
 or replacing malfunctioning or damaged J D B M F R V J Q N F O U  
 D P N Q P O F O U T (b) oiling and greasing stationary engines and

(f) maintaining, repairing and rebuilding air- N B D I J O F S Z  
 craft structures, functional components and inspecting and testing new machinery and  
 parts such as wings and fuselage, rigging, hy- N F D I B O J D B M F R V J Q N F O U G P S D P O  
 E S B V M J D V O J U T P Y Z H F O T Z U B O N B S E G V B O E T Z O U F N m D B U J P O T  
 F M F D U S J D B M T Z T U F N T H E B T I E F U T B T B O M C M F J B O M I T N B D I J O F S Z B O E

(g) inspecting completed work to certify that S F N P W F Q B S U T B O E N B L F S F Q B J S  
 maintenance meets standards and the air- F Y B N J O J O H Q B S U T G P S E F G F D U T  
 D S B G U J T S F B E Z G P S P Q F S B O L E J F o D F T T J W F X F B S

(h) maintaining repair logs, documenting all pr (f) operating newly repaired machinery and  
 W F O U J W F B O E D P S S F D U J W F F R V S D S B G U N B J O U F O B O D F B E F R V B

(i) installing and testing electrical and electro (g) recording repairs and maintenance per-  
 components, assemblies and systems in air- formed.  
 D S B G U

(j) connecting components to assemblies Examples of the occupations classed here:

as radio systems, instruments, magnetos, in- Construction machinery mechanic  
 W F S U F S T B O E J O n J H I U S F G C o n s t r u c t i o n m a c h i n e r y r e p a i r e r  
 Farm machinery repairer  
 Examples of the occupations classed here: . J O J O H N B D I J O F S Z m U U F S  
 " F S P N F D I B O J D . J O J O H N B D I J O F S Z S F Q B J S F S

Stationary engine tter B F Y B N J O J O H T F S W J D J O H B O E S F  
Stationary engine repairer B O E P U I F S O P O N P U P S J [ F E U S B O T  
5 S B J O F O H J O F m U U F S N F O U  
5 S B J O F O H J O F S F Q B J S F (b) cleaning and lubricating bearings and other  
N P W J O H Q B S U T

Some related occupations classied elsewhere (c) replacing and repairing components and ac-  
" J S D P O E J U J P O J O H F R V J Q N F O T U P S J F F T I B T O J D D B T C S B L F T H F B S T  
7127 N F D I B O J T N T X I F F M T B O E I B O E M F C  
& M F D U S J D B M N F D I B O J D 6 D I B O H J O H U Z S F T B O E D P O U S P M  
. F D I B O J D B M N B D I J O F S Z F B T T I O S B M F O S B J O U J O H G S B N F T

(f) assembling new bicycles, wheelchairs and  
T J N J M B S O P O N P U P S J [ F E F R V J Q N F O

Unit Group 7234

**Bicycle and Related Repairers**

Examples of the occupations classied here:

Bicycle mechanic

Bicycle repairer

Perambulator repairer

Wheelchair repairer B M B O E S F M B U F E

Bicycle and related repairers t, maintain, ser-

W J D F B O E S F Q B J S U I F F R V J Q N F O P G C J D Z D M F T S J D L T I B X T C B C Z D B S S J B H F T

wheelchairs and similar non-motorized trans Some related occupations classied elsewhere:

Q P S U F R V J Q N F O U

. P Q F E S F Q B J S F S o

5 B T L T J O D M V E F o

. P U P S J [ F E S J D L T I B X N F D I B O J D o

Sub-ma-or Group 73

**Handicraft and Printing Workers**

Handicraft and printing workers combine artistic and manual skills to design, produce, maintain and decorate precision instruments, musical instruments, jewellery and other precious

N F U B M T Q P U U F S Z Q P S D F M B J O B O E F M M J B M F X B M S F B U J I U S N P T S N S B F E M B F  
 U F S J B M T B O E Q S J O U F E Q S P E V D U T B M J D I F B T S I F F Z L B O Q M X T Q S B Q E S U T J F  
 B O E P S S F D F O U M Z E F W F M P O F E U F D X O B R W F F T B O P D B S W S F B U N F V M B E S  
 B S U J D M F T U P D P N Q P T F B O E T B F O U E U P Z O F S B O S J O S J O P J Q H S J O S U F J O T  
 C J O E B O E m O J T I Q S J O U F E Q S P E F S D B U T F T E D C S E F O P Q Q S O F W J B O S H F F T R  
 N F O U \$ P N Q F U F O U Q F S G P S N B O D F J O P S N P H T S U P V O D S V F O R B V U J J S P F O T T J L O J M M  
 U I F T F D P O E \* 4 \$ O T L J M M M F W F M

5 I F X P S L N B Z C F D B S S J F E P V U C U Z P P B M O T E B P O S E J I O B W E M I W M E U O P F  
 U P P M T B O E J O T P N F D B T F T U I F B T O F E U N B O D I B J O E P O P S M B U J B O F R J C B

call for an understanding of the work organization, materials and tools used, and the nature and purpose of the final product.

5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E F T N V B C J M B H K B S O E H S F V O B J V T V O  
 O B V U J D B M N F U F M S P O M E P P W D B S M Q S P R O U J B O O B E O F J R O V T J O S N V F N O F U O N B L J O H  
 S F O B J S J O H N V T J D B M J O T U S V N F O U T U B M B X L B S H K N F B X L F J M M F S Z P U B J O F S  
 Q P S D F M B J O X B S F D F S B N J D T B O E H W M B S T R B S F B S O U B J J O M J O H B O P  
 I B O E J D S B G U B S U J D M F T J O X P P E P S J B M Y T U J M F S G M S B U J O F S B O E O S  
 C P P L C J O E J O H U B T L T 4 V Q F S W J T E P O P G P U I F S X P S L F S T N B  
 O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T J T m F E J O U

- 731 Handicraft Workers**
- 732 Printing Trades Workers**

Minor Group 731

**Handicraft Workers**

Handicraft workers combine artistic and manual skills to design, make, repair, adjust, maintain and decorate precision instruments, musical instruments, jewellery and other precious

N F U B M T Q P U U F S Z B O E Q P S D F M B J O S X S F S D F F O S J I M Z - B O W M M P O S E E U  
 O J R V F T U P D B S W F N P V M E B T T F N B M T F D X F S B W N F J D B O E U F E Y F U D J M S B U F  
 stone, wood and leather articles.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E N F B J O B B J J O H O H D B B M J E C S B U T J O B H  
 N V T J D B M B O E Q S F D J T J P O J O T U S V N S F J O U H T P S B E C S Q S B W T J O H H B E K V I  
 D F S F N P O J B M P S S F M J H J P V T J U B F M I T P S P I M F E N T T J M W W J U S J O P U I R H S  
 polishing and setting precious and semi-precious stones including gems and diamonds, and en-  
 H S B W J O H E F T J H O T P O K F X F M M F S Z J E O H E Q P S U F U D F J S P Z T Q N P S U D B F M M B B J S O U J  
 T B O J U B S Z X B S F C S J D L T U J M F N T B D B I O O F B C C S M B F T X J W O H X N F P V M M T E J O  
 pressing, cutting, trimming, grinding and polishing glass, or shaping molten glass according  
 U P Q B U U F S O T E F D P S B U J O H B S U H J M D M T F T T N D F E S B A P J C D T X P B P O E E R U F I  
 materials, and planning, laying out and painting letters, gures, monograms and designs to make  
 T J H O T B Q Q M Z J O H U S B E J U J P O B S M F H U F O U J O P J O R W F P T Q T S V F O B S B T X T P F  
 T U S B X S B U U B O S F F E T U P O F O E M D B E Z S W T J O M M N P B O M E E J P O U H F S B T N B F U N  
 X F B W J O H P S Q B J O U J O H B O E E F D P S M B U P J S O H I P W T B F S I P M V E T V B T S U J P D S M G  
 E F D P S B U J W F Q V S Q P T F T Q S F Q B S J O H N C B S W F S B B M B O E U R S N P P I N F T X J B O  
 X F B W J O H W B S J P V T L J O E T P G C B T L F F T U T B O E Q Q M O J J O F S C U T S B L E P U Q S O  
 X P W F O G B C S J D T L O J U U F E F N C S P J I E M S E F B S B J O B M P F U T I F S H B S N F  
 O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S M P B V T O T T J m F E J O U P U I F

- 7311 Precision-instrument Makers and Repairers**
- 7312 Musical Instrument Makers and Tuners**

- 7313 Jewellery and Precious Metal Workers
- 7314 Potters and Related Workers
- 7315 Glass Makers, Cutters, Grinders and Finishers
- 7316 Signwriters, Decorative Painters, Engravers and Etchers
- 7317 Handicraft Workers in Wood, Basketry and Related Materials
- 7318 Handicraft Workers in Textile, Leather and Related Materials
- 7319 Handicraft Workers Not Elsewhere Classified

Unit Group 7311

Precision-instrument Makers and Repairers

Examples of the occupations classified here:

Precision-instrument makers and repairers make, calibrate, repair, maintain, adjust and install mechanical watches and clocks, and nautical, meteorological, optical and other precision instruments to ensure correct performance.

\* O T U S V N F O U N F U F P S P M P H J D B M N E  
1 I P U P H S B Q I J D F R V J Q N F O U S F Q B J S I  
Surgical instrument maker  
Watchmaker

J O T U S V N F O U T B O E F R V Some related occupations classified elsewhere: G P S  
correct performance. O S U I P Q B F E J D B Q Q M J B O D F N B L F S

5 B T L T J O D M V E F o  
(a) repairing, cleaning and adjusting mechanisms of timing instruments such as watches B D I J O F U P P M P Q F S B U P S o  
B O E D M P D L T 8 B U D I B T T F N C M F S o

(b) adjusting timing regulators, using calipers, X B U D I S B U F S F D P S E F S T B O E U X F F [ F S T

(c) cleaning, rinsing and drying timepiece parts using solutions and ultrasonic or mechanical methods. X B U D I D M F B O J O H N B D I J O F T

Musical Instrument Makers and Tuners

(d) testing timepiece accuracy and performance, V T J O H N F U F S T B O E P U I F S  
T J D B M J O T U S V N F O U N B L F S T B O E U V  
Same as repair, adjust and test in other instru-

(e) testing accuracy of meters, gauges, indicators or other recording or controlling instruments. N F S O U T B O E U V O F U I F N U P U I F S F R  
U P M P D B U F E F G F D U J W F i n D r e T y p e P o i n t I n s t r u m e n t s s u c h a s S t e p P r o  
G P S N J U Z X J U I T U B O E B S E T

(f) calibrating instruments or scales, using hammers or percussion instruments. U P P M T B O E D P N Q V U F S P S 5 B M L F T U S D M V E F E 6 W J D F T

(g) inspecting components, connections and fabricating and assembling musical instruments, brass instruments, reed instruments, woodwind instruments and percussion instruments. E S J W F N F D I B O J T N T U P E F U R E N T S a n d C o n s t r u c t i n g p a r t s o f w o o d , e b -  
I B T T F N C M J O H J O T U S V N F O U J U B O N F E B M J D M F B U I F S I B O T E P U I F S  
C B S P N F U F S T D P O U S P M

(h) repairing or replacing mechanical instruments, grometers, speedometers, tachometers and parts and components such as strings, bridges, felts and keys, using hand and power U I F S N P T U B U T

(i) testing, calibrating and adjusting electronic, mercurial, aneroid and other types of meteorological instruments for compliance with printed specifications and schematic diagrams. U P P M T  
Q M B Z J O H B O E J O T Q F D U J O H J O T  
V B U F U I F J S T P V O E R V B M J U Z B  
E F G F D U T

(j) adjusting and repairing masts, supporting structures, clearance lights, control panels, control cabling and wiring, and other electrical equipment. H S B N T V T J O H W P M U N F U F S T B E K P V T T U J J O M P T U S P O H T U F W T C P O T U  
U F T U F S T B O E P U I F S U F T U J O P O S V N S O U T U D I P G T U S J O H F E J O T U S

(k) repairing and setting optical instruments such as microscopes, telescopes, theodolites justing pitch of organ pipes to conform with pitch of the tuning fork and adjusting pitch of other pipes with reference to pitch B O E T F Y U B O U T  
U S J D B M B O E N F D I B O J D B M G E F W J D C F J O H B O E T F S W J D J O H

(l) checking whether assembled units conform to specifications and ensuring stipulated performance. B O E T F O T J U J W J U Z  
justing pitch of organ pipes to conform with pitch of the tuning fork and adjusting pitch of other pipes with reference to pitch

(m) installing new drumheads in percussion instruments. N B O D F B O E T F O T J U J W J U Z  
C Z S T U N F O E B S E U F T U T



- (h) tuning accordions by aurally comparing J F O H S B W J O H P S F N C P T T J O H pitch of reeds with master reeds and ling E F D P S B U J W F M J O F T P O K F X F M M F S S F F E T U P P C U B J O T U B O E B S E N F Q U B U M I X B S F
- (i) aligning pads and keys on reed or wind (j) grinding, drilling and nishing jewel bear- T U S V N F O U T ings for use in precision instruments such as K U V O J O H Q F S D V T T J P O J O D T R I N S O V B I F T O R U T T B U O P E S D F I R S V J O S P F N E F U F S T pitch by tightening or loosening cords L F Y B N J O J O H B T T F N C M F E P S m O J T I IP M E J O H M F B U I F S Q J F D F T ensure conformity with specifications, using FOET PG UIF JOTUSVNFOU magnifying glasses or precision measuring
- (k) assembling and installing new pipe organs instruments. and pianos in buildings.

Examples of the occupations classied here:

Examples of the occupations classied here:

- Brass instrument repairer
- Piano tuner
- Stringed instrument maker
- Woodwind instrument maker

- Enameller (jewellery) ( F N T F U U F S
- Jeweller 4 J M W F S T N J U I

Unit Group 7313

Unit Group 7314

Jewellery and Precious Metal Workers

Potters and Related Workers

Jewellery and precious metal workers design, fabricate, adjust, repair or appraise jewellery, plain ware, sanitary ware, bricks, tiles and abra- D F S F N P O J B M P S S F M J H J P T J W F U X N F T F M H P O V Z E I B D J E M P V S F S C Z P N U B I D I S J Q S F D J P V T N F U B M T P S H F S B T T L T S U O Z M D W E U F o m M F Q P M J T I and set precious and semi-precious stones in- N B L J O H B S U J D M F T P G Q P U U F S Z D M V E J O H H F N T B O E E J B N P O E T C B O E L B O H S B W M B Z E P T S J H O M B T U F S P G Q I P O K F X F M M F S Z B O E Q S F D J (e) Reading technical drawings to know the cut- cut and polish diamonds for industrial purposes. U P N F S T S F R V J S F N F O U T 5 B T L T J O D M V E F o (d) forming articles on the potter s wheel by (a) casting jewellery and other non-ferrous metal Q S F T T J O H U I V N C T J O U P D F O U B S U J D M F T C Z I B O E clay to form hollows, and pressing on the (b) creating new jewellery designs and modi- inside and outside of emerging clay cylinders G Z J O H F Y J T U J O H E F T J H O T with hands and Drapers Graduated Raising and OF D F T T B S Z T I B Q J O H D M B Z U P E F T J S F E G P S N T I (c) cutting designs in moulds or other mater- (a) adjusting wheel speeds according to the to be used as models in the fabrication of feel of the clay as pieces enlarge and walls N F U B M B O E K F X F M M F S Z Q S R E F D D U N T F U I J O O F S E B M U F S J O H F Y J T U J O H K F (f) Operating Zigger Machines to form Occasional S UP S F Q P T J U J P O K F X F M T Ware such as bowls, cups, plates and sa- (e) repairing, reshaping and restyling old jewel- D F S T lery or precious metal ware following designs adjusting and setting controls of pug mills PS J O T U S V D U J P O T U I B U N J Y F Y U S V E F D V U B O E E (f) making complete jewellery articles such D I B S H F T J O P S P W F S N P V M E T B T T as rings, necklaces, bangles, brooches a- (j) smoothing surfaces of finished pieces, C S B D F M F U T G S P N N B U F S J B V M J O H V S D V I C B F T S H T P D S B Q F T S J T M B V O F E S X F U platinum and precious or semi-precious J G P S N J O H B C S B T J W F X I F F M T T U P O F T Q S F T T J O H B O B C S B T J W F N J Y U V S H F Y B N J O J O H H F N T V S G B D F N T B B D J E O B O U F S O B M T U S V D tures, using polariscopes, refractometers K F Y B N J O J O H m O J T I F E - X B S F G P S E I microscopes and other optical instruments fying accuracy of shapes and sizes of objects, UP E J F S F O U J B U F C F U X F V F T O O T H U P O M M J Q U S T J E C F E O U F Q M B U F S B S F T Q F D J N F O T P S U P I E F U F S D F W B S B J O T H X F S I F D G U P T S P T S B M F P S Q F D V M J B S J U J F T B F D U J O H maintaining relationships with retail, pot- (h) cutting and polishing gems and setting them, art and resource networks that can fa- J O K F X F M M F S Z B S U J D M F T D J M J U B U F T B M F P S F Y I J C J U J P O P

Examples of the occupations classified here: L U S B O T G F S S J O H Q B U U F S O T G P S J  
" C S B T J W F X I F F M N P V M E F o s s parts from full size drawings to pattern  
Brick and tile moulder Q B Q F S V T J O H T U Z M V T U P U S B D F  
Potter M T Q S B Z J O H T J M W F S T P M V U J P O P  
Pottery and porcelain caster N J S S P S F E T V S G B D F V T J O H T Q S B Z H  
Pottery and porcelain modeller (m) laying out cutting and grinding optical and  
other glass to specified dimensions and  
weight for moulding into lens blanks and for  
use as watch crystals.

Some related occupations classified elsewhere:

\$ F S B N J D B S U J T U o

, J M O P Q F S B U P S C S J D L B

, J M O P Q F S B U P S Q P U U F S Z ( M B T T D V U U F S

( M B T T m O J T I F S

( M B T T H S J O E F S

Unit Group 7315

**Glass Makers, Cutters, Grinders and Finishers**

Some related occupations classified elsewhere:

( M B T T Q S P E V D U J P O G V S O B D F P Q F S B

( M B T T N B L F S T D V U U F S T H S J O E F S T B O E G J O J T I F S T  
blow, mould, press, cut, trim, grind and polish  
glass, and shape molten glass according to pattern  
terms.

5 B T L T J O D M V E F o

B I F B U J O H H M B T T U P Q M J B C M F T U B H F V T J O H H B T n B N F T

P S P W F O T B O E S P U - B U A J O H X F S M U B F T S T U P F D I F S B U J J W F V O B J O U F S

G P S N M Z etchers decorate articles made of wood, metal,

(b) blowing and bending glass tubing into specified shapes to form scientific apparatus such as  
BT n B T L T S F U P S U T B O E Q J O S B U N T F B O E E F T J H O T U P N B L F T J H O

(c) grinding and polishing glass objects or parts to correct defects or to prepare surfaces and for  
further finishing and smoothing and polishing rough edges, using belt sanders on  
Q P M J T I J O H X I F F M T jects such as pottery, glass, cigarette cases or

E F Y B N J O J O H H M B T T T U P D L M B O N E Q T M O E T I F E Q S P E V D U T

and marking or discarding items with defects such as spots, stains, scars, snags, chips,

T D S B U D I F T P S V O B D D F Q U B O M F J O U F C H S T B U P S O H O B J O E F E F W F M P Q J O H

(e) reading work orders to determine dimensions such as line, space, mass, colour and per-  
T J P O T D V U U J O H M P D B U J P O T T O B O E J W F B O J U U P J S E F F S P U D V O S P E V D F  
G P C T F S W J O H H B V H F T such as to VIII use Friction Coefficient or B O E

W J E F P N P O J U P S T U P W F S J Q Z P T E T F D J m F E Q S P D F T T J O H

conditions and make adjustments as needed

D F T T B S Z (e) laying out and painting in one or more lan-  
T J H O T U P N B L F T J H O T guages letters, gures, monograms and de-

(g) positioning patterns or drawings on glass, measuring dimensions, and marking cutting  
lines, using glass cutting tools and cutting work pieces or pattern materials to prepare  
glass along marked outlines or around pat- U F S O (f) designing patterns or lettering to paint work  
pieces such as signs, glassware, pottery or

(h) setting up, operating and adjusting comput- F S J [ F E P S S P C P U J D H M B T T [ D J V O U D U J O M B E R V J Q N F O U

(i) inspecting, weighing and measuring prod- H V T J O H T P G U X B S F B O E S P V

V D U T U P W F S J G Z D P O G P S N J O S P X V W I F T Q I F S D F J m B B N F P O T P O B M D B

using instruments such as micrometers, cal-for application onto larger signage as well as

M J Q F S T N B H O J m F S T B O E S F O H S B W F E B O E J O M B J E T J H O T

K S F H V M B U J O H P W F O U F N I Q F E S F T U W I S F J T O H B D O E S Q S P E V D P O H O P S N

H M B T T U Z Q F T U P C F Q S P D F e r T n g , E o r l e t t e r i n g t h a t i s s h a d o w e d w i t h

- (i) writing, painting or printing signs or show... BOE QPUUFSZ PS QPSDFMBJO XBSF DBSWJOH BTTFNCMJOH XFBWJ
- (j) cutting out letters and signs for display purposes from wallboard or cardboard, by hand or machines such as electrically powered jig-baskets, straw hats, straw mats and similar... IPVTFIPME VTF TVDI BT TMBE CP TQPPOT DVUUJOH CPBSET USBZ TBXT PS CBOETBXT PCKFDUT
- (l) measuring and computing dimensions of... F Y B N J O J O H T L F U D I F T F E D B S S V B J O H B B T N F C M J O H X F B W J blueprints or photographs to decide how de- WBSJPVT EFDPSBUJWF BSUJDMFT TJHOT BSF UP CF FUDIFE and other Sculptures, Chess Pieces, Jewellery XPSL QJFDF T BOE TJNJMBS PCKFDUT
- (m) making wicker furniture from peeled and soft... UFSJOH EFTJHOT PS QBUU... FOHSBWJOH BOE QSJOUJ... designs, etchings, trademarks, gures or letH NBLJOH WBSJPVT LJOET PG CB UFSJOH POUP nBU PS DVS Making tools, Cabinet Feet, Guses and similar WBSJFUZ PG NFUBM HMBTT NMBSTUBMPS DFSBNJD JUFNT O FUDIJOH EFDPSBUJWF E(n) From making both sides of baskets by interlacing rings and other gures on glass articles. TUSJQT PG SBUUBO - XPPE WFO

Examples of the occupations classi ed here:

- % F D P S B U J W F Q B J O U F S
  - ( M B T T F O B N F M M F S
  - ( M B T T F O H S B W F S
  - ( M B T T F U D I F S
- Signwriter

- (i) inserting rods around bottom edges between... XPWFO TFDUJ POT PG CPUUPN BOE VQSJHIU UP TFSWF BT GSBNFXPSL
- (j) selecting and preparing brush materials such as bristles, nylon, bres and wire, and setting... UIFN JO CSVTI CBTF
- (k) selecting and preparing materials such as broom corn, bass, whisker and fibre, and... ashen, to broom handles.

Some related occupations classi ed elsewhere:

- # V J M E J O H Q B J O U F S o
- . B O V G B D U V S F E B S U J D M F T
- 7 F I J D M F Q B J O U F S o
- \$ F S B N J D T Q B J O U J O H N B D I J O F
- ( M B T T Q B J O U J O H N B D I J O F

Examples of the occupations classi ed here:

- Basket maker
- Brush maker
- 3 F F E X F B W J O H I B O E J D S B G U X P S
- Wicker furniture maker
- Wooden articles handicraft worker

Unit Group 7317

Handicraft Workers in Wood, Basketry and Related Materials

Some related occupations classi ed elsewhere:

- Handicraft workers in wood, basketry and re- . B D I J O F P Q F S B U P S X P P E Q S P E V M B U F E N B U F S J B M T B Q Q M Z U S B E J U J P O B M U F D I O J R V F T T V D I as seasoning or impregnation to prepare wood, straw, rattan, reeds, clay, shells and other ma-

- U F S J B M T B O E D B S W F B T T F N C M F X F B W F P S
- Q B J O U B O E E F D P S B U F W B S H a n d i c r a f t W o r k e r s i n T e x t i l e , L e a t h e r a n d R e l a t e d M a t e r i a l s Q F S T P O B M
- P S I P V T F I P M E V T F P S G P S a n d R e l a t e d M a t e r i a l s W F Q V S Q P T F T
- # B T L F U S Z X F B W F S T C S V T I N B L F S T B O E S F M B U F E

- workers select and prepare materials such as bristles, nylon, bre, bass, whisker and wire to make wicker furniture, brushes and brooms, and household use, as well as traditional footwear,
- (a) preparing wood, straw, rattan, reeds, sh... PS TJNJMBS NBUSJBMT 5BTLT JODMVEF o
- C D B S W J O H n P S B M B O E B S B J J T U O J O F J O J H O T O P O E X P J P O E H O X J U I O B U T V S G B D F T G P S E F D P S B U J W F X P P E Q P D T F U J U P O B O E P U I F S m C S F T

C M B D F N B L J O H B O E X F B M J O H L O J U U J O H P S F N  
 C S P J E F S J O H W B S J P V T H B S N F S F U J M E M C S F U D P M C F S G P S  
 I P V T F I P M E V T F 5 F Y U J M F m C S F E S B X F S  
 (c) preparing and dyeing hides with natural 5 F Y U J M F m C S F S P W F S  
 E Z F T U V T B O E N B L J O H U S B E S F U J P O M T M I E O P J U S B S X P S L F S  
 P S I B O E C B H T C F M U T B O E P U S F S E B B D E T Z B S O F T Q J O O F S  
 E T Q J O O J O H B O E X J O E J O H Z B S O C Z I B O E  
 F E S B X J O H X B S Q U I S F B S o m e J o i n e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
 G X F B W J O H Q M B J O P S m H V S F E F U M J M H m C S F O F T U P S N C J M B H D N B D I J O  
 D B S Q F U T P S P U I F S G B C S J D T P O I B O E M P P N T  
 H N B L J O H D B S Q F U T C Z V T J O H , O J L U O P J U O H J O N H B D F D O O J P V O F S B U P S o  
 (h) knitting garments and other articles on hand- 8 F B W J O H N B D I J O F P Q F S B U P S o  
 P Q F S B U F E N B D I J O F T P S C Z I B O E  
 J D S P D I F U J O H P S N B L J O H C S B J E C Z I B O E  
 K N B L J O H O F U T C Z I B O E  
 L H S B E J O H B O E D M B T T J G U n i t G r o u p 7 3 1 9 V S B M U F Y U J M F m C S F T  
 M X B T I J O H X P P M m C S F T **Handicraft Workers Not Elsewhere Classified**  
 N D M F B O J O H B O E n V O H U F Y U J M F m C S F T  
 O G P S N J O H G J C S F T J O U P I T M J W B S H S P N Q J D P W F S F T N I B O E J D S B O  
 D P N C J O J O H T M J W F S J O U P e r f o r m i n g t r a d i t i o n a l h a n d i c r a f t s n o t c l a s s i f i e d  
 T M J W F S J O U P S P W F elsewhere. For instance, the group includes  
 traditional handicraft workers in non-precious

Examples of the occupations classied here: metals and stone.

Carpets handicraft worker  
 \$ B S Q F U X F B W F S  
 \$ M P U I X F B W F S  
 Knitter  
 Leather handicraft worker

Examples of the occupations classied here:

Candle-maker (handicraft)  
 . F U B M U P Z N B L F S  
 Stone articles handicraft worker

Minor Group 732

**Printing Trades Workers**

Printing trades workers compose and set type prior to printing, set up and operate printing presses, bind and nish printed products, and prepare stencils and operate screen printing

FRVJQNFOU

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V P E F I F S P O F I S P I P H S B Q H S B O F R D J O I  
 N F O U U P S F Q S P E V D F D B N F S B S F B E Z N P P O Z U E O U P E F W M J N D T F T O N P Q U F S  
 D P N Q V U F S T D S F F O C B T F E F R V J Q N F O B J O E P S P S B B D W J P O C H S D F R U N P W D S  
 and other processes used to transfer copy to lm and produce lm for plate, cylinder and  
 E J H J U B M P V U Q V U Q S P E V D U J P O T # F N B D O H O W O V P O E S J O U J O Z H O B T O F E U  
 Q I P U P H S B Q I J O H D P Q Z Q S J O U J O H B C E J O D E V J O U H J O H S J O U P I V E E J O B H U F S J  
 Q F S G P S N J O H S P V U J O F m O J T I J O H P O S F F S C B B U S J P O H T B U F E O N B N T J  
 P Q F S B U J O H T D S F F O Q S J O U J O H F R V J Q N F O U

ODDVQBUIJPOT JO UIJT NJOPS HSPHV QV BLSF HSPV/TOTTJ mFE JOUP UIF

- 7321 Pre-press Technicians**
- 7322 Printers**
- 7323 Print Finishing and Binding Workers**

Unit Group 7321  
**Pre-press Technicians**

V T F J O W B S J P V T Q S J O U J O H Q S P D F T T F  
 U J P O J O P U I F S W J T V B M N F E J B  
 5 B T L T J O D M V E F o

Pre-press technicians proof, format, set and (a) n-operating graphic cameras and other  
 Q P T F U F Y U B O E H S B Q I J D T J O O P P B P G P S S N Q T Y D U F R W F O G N P I S O U U P

camera-ready copy onto films, plates and G MPBEJOH QBOFS JOUP GFFEJOH I  
 EJHJUBM PVUQVU EFWJDFTH NPOJUPSJOH NBDIJOF PQFSBUJP  
 (b) using computer applications to generate P G Q S J O U J O H  
 JNBHFT UFYU MBZPVU (h) Maintaining, adjusting, repairing and cleaning  
 QSJOU BOE PUIFS WJTVBM NBDIJOFJTQMBZT  
 D PQFSBUJOH QMBUF NBL(I) Producing digital front images, and transfer-  
 ring images from film to printing plates, and outputting images.  
 EJHJUBM PVUQVU EFWJDFTH BOE QSFTTFT  
 E PQFSBUJOH DPNQVUFS Examples of the occupations classified here:  
 for scanning, colour separation, colour correc- Block printer  
 UJPO NBTLJOH DSBFBUJWF E P T J H J O U B M P O S F O T O H Q F J S N B U P S  
 posing, retouching, and other processes used Feeder operator (printing)  
 to transfer copy to lm and produce lm for ' M F Y P H S B Q I J D Q S F T T P Q F S B U P S  
 QMBUF EJHJUBM PVUQVU BOE ( D Z M V O E F O S F S T P E V O U F S P O U T P S  
 (e) carrying out digital and chemical proo ng Large sheet-fed press operator  
 GSPN EJHJUBM TZTUFTNT Screen printer B U J W F B O E Q P T J  
 UJWF m MNT Screen printing press operator  
 G F W B M V B U J O H Q S J O U F E Small press operator D L J O H B O E D P S  
 SFDUJOH UIFN GPS RVBMJUZYUJMF QSJOUFS  
 H Q S F Q B S J O H B O E F Y Q Web press operator C P O U J T T V F G P S  
 laying on cylinders by transfer method, and  
 EFWFMPQJOH JNBHFT

Examples of the occupations classified here: Unit Group 7323

Compositor **Print Finishing and Binding Workers**

%FTLUPQ QVCMJTIOH P Q F S B U P S  
 Electronic pre-press technician Print nishing and binding workers bind books  
 1IPUPHSBWVSJTU and other publications, and nish printed prod-  
 Photolithographer 5BTLT JODMVEF o  
 Plate maker (printing) B T F U U J O H V Q B O E T V Q F S W J T J O H  
 Plate mounter (screen printing) BVUPNBUJD CJOEJOH BOE mOJTIO  
 Screen maker (b) binding full, half and limp-bound books, and  
 5ZQFTFUUS SFQBJSJOH CJOEJOHT  
 (c) folding, collating and sewing signatures by  
 NBDIJOF BOE IBOE  
 (d) operating paper guillotines for pre-press  
 and post-press paper cutting and trimming,  
 (e) operating systems to insert printed material  
 JOUP OFXTQBQFST NBHB [ J O F T B O

Unit Group 7322

**Printers**

Printers set up and operate digital, letterpress and programming electronically operated  
 MJUIPHSBQIJD nFYPHSBQIJDV O H S B W V S F O F X T Q B Q F S  
 and other printing presses. (e) operating systems to insert printed material  
 5BTLT JODMVEF o  
 (a) setting, adjusting and monitoring substrate (e)- embellishing printed products automatically  
 GFFE NFDIBOJTNT E B O E J W F O S V Z M M F Z D I B O J T N T  
 inking systems and other printing machine (e) operating photographic and electronic repro-  
 GVODUJJPOT EVDUJPO EFWJDFTH  
 C NJYJOH JOL BOE TPMWFOUT UP TUBOEBSE BOE SFHV  
 MBUJOH QBOFS BOE JOL Examples of the occupations classified here: O T  
 D NPOJUPSJOH FWBMVBU Book binder B O E E F U F S N J O J O H  
 QSFTT UP DIFDL QSJOU RVBM Cultor operator B S E T B H B J O T U  
 QSPPGT BOE EFUFDU NBMGV Outer operator  
 E QSPEVDJOH B WBSJFUZ PG FOI Stamping operator OSPEVDUT VTJOH  
 EJHJUBM SFMJFG MJUIPHSBQIJD Bldr operator F Y P H S B Q I J D B O E  
 HSBWVSF QSJOUJOH QSFTTFT ( B U O E S F S M O O S B n d O S T I J O H  
 TZTUFTNT . V M U J C J O E F S P Q F S B U P S  
 (e) preparing plates, blankets and impression Perfect binder operator  
 DZMJOEFST PO TNBMM P T F U S A M L E S T I F H S P R A T O R D Q S J O U J O H  
 QSFTTFT Small machine bindery worker

Sub-ma-or Group 74

Electrical and Electronics Trades Workers

Electrical and electronics trades workers install, t and maintain electrical wiring systems and machinery and other electrical apparatus, electrical transmission and supply lines and cables, BOE FMFDUSPOJD BOE UFMFDPNNVON... NPTU PDDVQBUJPOT JO UIJT TVCTNBR05 H\$P0 QT ISFN MJ SVFTWF 5IF XPSL JT DBSSJFE PVU CZ IBOE B0M TC ZX IIB0IE B\$KF\$FE EB Q SFEVDF UIF BNPVOU PG QIZTJDBMmFD PUSBT LBTO E BUTJ X F MNR BJSU P G UIF RVBMJU Z PG UIF QSPEVDU TH P5GI FU IUF BXRLSL DPESM BAO JG[BSJ JE materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ XPSLFST JO VEJFT T VOT UNBBM MSI CHS P WOB JVOTUWB mUUJOH BOE BEKVTUJOH FMFDNUJSDJID BMS ZB B0EF MRFVDJ QSIPOUD F BNJOJOH CMVFQSJOUT XJSJOH EOB HTSBRMFOB0E BTQEF DJF MDPBEU PG PQFSBUJPO JOTQFDUJOH BZTEU FUNFTT UB0VHJ CFNMF0DU SDJEDCBMMF T NBDIJOF SZ UP JEFOUJGZ IB[BSEFOUE PSFSDUQTB BSO EJ0TEJ BOMFM EOB UBJOJOH BOE SFQBJSJOH FMFDUSJTB MIO B0E0E0F M FKDP0 N0V0J0DN0E0D UFMFDPNNV0JDBUJPOT BOE EBUB DB CMUFTJONHB J0E0B0V0DU0DH USPTV0 SFQBJSJOH FMFDUSPOJD FRVJQNFOU OTFVTDI FBM FDRIS R0SDJ B0MT B0VEN BOE DPOUSPM TZTUFNT DPNQVUFST US00ETNB MTFJDPFN FR0J0D B0F DRU ODDVQBUJPOT JO UIJT TVC NBKPS XHUSPHV QV JBOSPFS DHM B TVTJTm FE JOU

- 741 Electrical Equipment Installers and Repairers
742 Electronics and Telecommunications Installers and Repairers

Minor Group 741

Electrical Equipment Installers and Repairers

& MF DUSJDBM FRVJQNFOU JOTUBMM0SIBJ00E M\$F0LBSJ S0B M JX0T\$W E UFNT BOE SFMBUFE FRVJQNFOU FUN\$BDB MJ B0B0B\$B0M JTO B0ZE F0MEF I transmission and supply lines and cables. 5BTLT QFSGPSNFE VTVBMMZ JODM B0E BJEKTVU B M0MHJ0M F DNBSJ0DUBEN TZTUFNT NBDIJOF SZ BOE FRVJQNFOU E JBFY\$BNJ0J00E CTM V0Q0S0D0BUJTP0X0T EFUFSNJOF TFRVFODFT BOE NFUIPETU JROGH PFCMFSD0WSJ P00B MJ0Z0F0DN0T0 NFOU DBCMFT BOE NBDIJOF SZ UP QJFEFF0 LGJPSZ B0BK0B0S0E N F0ELF GPFSD US F JOTUBMMJOH NBJOUBJOJOH B0E0S0F0Q0EKJPSJ00JH0 HF MF0MDFLDSW SDJ0DN0 M ODDVQBUJPOT JO UIJT NJOPS HSPHV QV0B\$UF H0\$MPB/TQTTJ mFE JOUP UIF

- 7411 Building and Related Electricians
7412 Electrical Mechanics and Fitters
7413 Electrical Line Installers and Repairers

Unit Group 7411

Building and Related Electricians

C FYBNJOJOH CMVFQSJOUT XJSJO TQFDJGJDBUJPOT UP EFUFSNJOF NFUIPET PG PQFSBUJPO

Building and related electricians install, maintain and repair electrical wiring systems and re- XJSJOH FRVJQNFOU BOE mYUVSFT MBUFE FRVJQNFOU BOE mYUVS TQFDJmDBUJPOT BOE SFMFWBOU TU 5BTLT JODMVEF o E JOTQFDUJOH FMFDUSJDBM TZTU (a) installing, maintaining and repairing elec- components to identify hazards, defects and USJDBM XJSJOH TZTUFNT B0E0F0S0M0B0U0F0P0\$0R0B0K0W0F0N0FOU PS SF JO WBSJPVT CVJMEJOH0E0S0E0C0D0I0G0B0U0T0I0N0G0D0R0C0H0E0T0I0N0G0W0R0E0 and tals, commercial establishments, residential DBCMF UP UFSNJOBMT BOE DPOO CVJMEJOHT BOE PUIFS TUSVDUVSFT

- (f) measuring and laying out installation referen... Examples of the occupations classied here:  
F O D F Q P J O U T " S N B U V S F C V J M E F S
- (g) positioning and installing electrical switch- " V U P N P U J W F F M F D U S J D J B O  
C P B S E T Electrical generator tter
- (h) testing continuity of circuits. Electrical mechanic  
Lift mechanic

Examples of the occupations classied here:  
Building repairs electrician  
Electrician

Some related occupations classied elsewhere:  
& M F D U S P O J D T N F D I B O J D o  
& M F D U S J D B M F R V J Q N F O U B T T F N

Some related occupations classied elsewhere:  
& M F D U S J D B M m U U F S o  
& M F D U S J D B M N F D I B O J D o  
& M F D U S J D B M M J O F J O T

**Unit Group 7413**  
**Electrical Line Installers and Repairers**

Unit Group 7412

**Electrical Mechanics and Fitters**

Electrical line installers and repairers install, repair and join electrical transmission and supply  
D B C M F T B O E S F M B U F E F R V J Q N F O U  
5 B T L T J O D M V E F o

Electrical mechanics and fitters t, adjust, install and repair electrical machinery and other elec- ground electrical machinery and electrical trac-  
U S J D B M B Q Q B S B U V T B O E - F R V J Q N F O U J O F T C V J M E J O H T G B D  
U P S J F T N P U P S W F I J D M F T X P S L N I P L O T H P S K P U O U S T Q M B P W F S I F B E B O  
5 B T L T J O D M V E F o D B C M F T

B m U U J O H B E K V T U J O H B O E a d h e r i n g t o s a f e t y p r a c t i c e s a n d p r o c e d u r e s ,  
of electrical machinery and motors, genera- T V D I B T D I F D L J O H F R V J Q N F O U  
tors, switchgear and control apparatus, in- F S F D U J O H C B S S J F S T B S P V O E X P S L  
T U S V N F O U T P S F M F D U S J D B M o p e n i n g s w i t c h e s o r m a c h i n g g r o u n d i n g  
S F M B U F E F R V J Q N F O U W J D F T U P S F N P W F F M F D U S J D B M

(b) fitting, adjusting and repairing electrical parts in domestic appliances, industrial ma- U V S C F E P S G B M M F O M J O F T P S U P  
DIJOFT BOE PUIFS BQQMJ COVDEFUT UP BDDFTT FRVJQNFOU

(c) inspecting and testing manufactured elec- G J E F O U J G Z J O H E F G F D U J W F T F D U J  
U S J D B M Q S P E V D U T D J S D V J U C S F B L F S T G V T F T W P M U

(d) installing, testing, connecting, commis- sioning, maintaining and modifying elec- using wiring diagrams and electrical-testing  
U S J D B M F R V J Q N F O U X J S J O H S B O N E S P O U S P M T Z T U F N T  
F E F T J H O J O H J O T U B M M J O H N B J O U B J O J O H T F S W J D J O H

and repairing electric and hydraulic pas- Examples of the occupations classied here:  
T F O H F S B O E G S F J H I U M J E l e c t r i c c a b l e j o i n e r B U P S T N P W J O H  
X B M L X B Z T B O E P U I F S M J G U E l e c t r i c p o w e r l i n e w o r k e r

(f) connecting electrical systems to the power T V Q Q M Z  
H S F Q M B D J O H B O E S F Q B J S J O H B B B B D B J W F M O B B N N V O J D B U J P O T  
5 F M F D P N N V O J D B U J P O T M J O F X P S

Minor Group 742

**Electronics and Telecommunications Installers and Repairers**

Electronics and telecommunications installers and repairers t, maintain, adjust and repair  
F M F D U S P O J D F R V J Q N F O U T V D I B T U S D P F O N D F S O T J L B S W N F O B T P B D  
D P O U S P M T Z T U F N T J O T U B M M S F Q B J S V B O N F O B J O E B U B W S F M C F D N P  
T J P O F R V J Q N F O U D B C M F T B O E B O D P N O O B U F F S B O E S F Q B J S m  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F F R V Y G N B O W O H J O T O L E S V N F O J  
B O E D P O U S P M T Z T U F N T U P E J B H C E P S F Q G N B V D M W O T H X B E S O T B I O D H E F S F

QBSUT BOE XJSJOH BOE NBJOUBJO JOTUSVNFOUT BOE DPOUSPM TZTUFNT NFRVJ OH B O E J O B B V O U O  
USPVCMTIPP UJOH mU UJOH BEKVTUJOH BEKVTUJOH BEKVTUJOH BEKVTUJOH BEKVTUJOH BEKVTUJOH BEKVTUJOH BEKVTUJOH  
NFOU BOE DPNQVUFS QFSJQIFSBMOTH BOE U B M B H J O P H T J O B J O N B B J O  
UJ POT PG NJDSPXBWF UFMFN SUSEZEJFN VNO B J O M M F D Y U J S O P H B H T O B  
XBWF DPNNVOJDBUJ POT TZTUFNT P S Q S B P W P O J C B H O E U N P O O J U P S M O  
UIF QFSGPSNBODF PG DPNQMFY UFMFN SUSEZEJFN VNO B J O M M F D Y U J S O P H B H T O B  
BOE SFQBJSJOH DBCMJOH GPS DPTNVOU FUS B O B E J P T J U P O M F O O P O B M  
maintaining and repairing antennae used in communications.

ODDVQBUIJ POT JO UIJT NJOPS HSPH V O B S U F H S P B V T O T T J m F E J O U P U I F

**7421 Electronics Mechanics and Servicers**

**7422 Information and Communications Technology Installers and Servicers**

Unit Group 7421

**Electronics Mechanics and Servicers**

& MFDUSPOJDT NFDIBOJDT BEKVTU BOE SFQBJS FM instruments and electronic \* \$ 5 JOTUBMMFST BOE TFSWJDF S  
commercial and office machines and electronic instruments and control systems.

5BTLT JODMVEF o B FYBNJOJOH BOE- Uments, components, control systems and

(b) adjusting, repairing and replacing worn and EF GFDUJWF QBSUT BOE XJS N O F O U B O E E N B P N O B J O F S O H F S J Q I F S B M

(c) reassembling, test operating and adjust FRVJQNFOU BOEC J O M U S V O H O B O E BEKVTUJOH DPNQVU

(d) installing electronic instruments and control TZTUFNT

(e) coordinating work with that of engineers, technicians and other maintenance per-E TPOOFM

(f) interpreting test data to diagnose malfunc- UJ POT BOE TZTUFNJD QFSG P S N B O D F Q S P C M F N T

(g) installing, adjusting, repairing or replac- UPPMT PS TPMEFSJOH JSPOB O E T F B M J O H T I F B U I T

(h) connecting components to assemblies such as radio systems, instruments, magnetos, in- WFSUFST BOE JO n J H I U S F G V F M M J O H T Z T U F N T

(i) keeping records of maintenance and repair work.

Examples of the occupations classified here:

- " JS D S B G U N B J O U F O B O D F
- " V U P N B U F E U F M M F S N B D I J
- " W J P O J D T U F D I O J D J B O
- & MFDUSPOJDT FRVJQNFOU T F S W J D F S O F J O T U B M M F S
- Electronics mechanic
- Photocopy machine technician

Some related occupations classified elsewhere:

- " JS USB D T B G F U Z U F D I O J D J B O o

Unit Group 7422

**Information and Communications Technology Installers and Servicers**

BOE TFSWJDFST mU NBJOUBJO BT commercial and communications technology I BT instruments and control systems.

NBJOUBJO UFMFDPNNVOJDBUJ POT F USBOTNJTJPO FRVJQNFOU DBCMFT T U S V

(a) maintaining, troubleshooting, testing and re- QBJSJOH DPNQVUFST EBUB USBOT

(c) installing, maintaining, repairing and diag- OPTJOH NBMGVODUJ POT PG NJ

(e) joining telecommunications and data cables, BOE FMFDUSPNBHOFUJD XBWF DPN

(g) installing and repairing cabling for computer, QSPWJEJOH UFDIOJDBM BEWJDF

(h) installing, maintaining and repairing an- BOE NPOJUPSJOH UIF QFSGPSNB O

(i) keeping records of maintenance and repair work. SBEJP UFMFQIPOF BOE UFMFWJTJP

Examples of the occupations classified here:

- \$ P N N V O J D B U J P O T U F D I O P M P H Z T F
- \$ P N Q V U F S F R V J Q N F O U m U U F S

Computer hardware installer

- " B U B F B O E B W M P F O J P D N T N V O J D B U J P O
- " O 5 F F T M N B B N B O J C D J D B U J P O T F R V J Q N F O U
- " 5 F M F D P N N V O J D B U J P O T M J O F X P S L

Some related occupations classified elsewhere:

Engineering technician

U F M F D P N N V O J D B U J P O T o



Sub-ma-or Group 75

**Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers**

Food processing, woodworking, garment and other craft and related trades workers treat and process agricultural and sheries raw materials into food and other products, and produce and materials and tools used, and the nature and purpose of the nal product.

5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E J A J T U S T V E C U J O B H K P B S O E H S O P S V P O D F V T T N F B U m T I H S B J O G S V J U W F H G U P P E M T F U T V B T O E B S O F E M U P C E B D N D P U F U P C B D D P Q S P E V D U T U B T U J O H B O E F H S B U E S O B U G P H E B O C S P E Q S P D F T T J O H O B U V S B M m C S F T T L J O T B O E I J E F B T O E N B U L U F O S H H P O P E T S I N O B E F S P C H X B M Q S F O B S J O H I J E F T T L J O T B O E Q F O B U J T S G O P S G F S W J M S F T V T H B S I B E O O F T I P F T B O E S F M B U F E Q S P E V D U T 4 V O I O S D W U V T B P O P G P U I F S X P S L F O D D V Q B U J P O T J O U I J T T V C N B K P S P X H U S O P H V O N J B O S P F S D H M S B T V T O J T m F E J O U

- 751 Food Processing and Related Trades Workers**
- 752 Wood Treaters, Cabinet-makers and Related Trades Workers**
- 753 Garment and Related Trades Workers**
- 754 Other Craft and Related Workers**

Minor Group 751

**Food Processing and Related Trades Workers**

' P P E Q S P D F T T J O H B O E S F M B U F E S U S B E F O E X O S E Q S B T S F T M B V N H I S F M B U F E G P P E J U F N T G P S I V N B O B O V E T B L O J J O N B T M P D C P O C T S V A N B O E U J P D O B I B O E P U I F S n P V S Q S P E V D U T Q S P E D C F E T S F B N O B U O S F G P B W T F G U S B V T H S B E F W B S J P V T G P P E Q S P E V D U T B O E O B W F S U B P H C F B T D D I P S O C S P F E Q B S J F 5 B T L T Q F S G P S N F E V T V B M M Z J O D M W E F B U T I M O B E V H n T U I F S J O C E H Q E S O F O N B S M U I F N B O E S F M B U F E G P P E J U F N T N B T L J B O H E W P B U S I F P S V T h P L V S E C T S P G V C Q S P D F T T J O H B O E Q S F T F S W J O H G S U V J T U U J O V H H B F O J E B G H S B E J B O H E W S F S M G P P E Q S P E V D U T B O E C F W F S B H F T D O S O Q B S V D H T U P C V B O F D S P W B T of workers may be included.

- 7511 Butchers, Fishmongers and Related Food Preparers**
- 7512 Bakers, Pastry-cooks and Confectionery Makers**
- 7513 Dairy Products Makers**
- 7514 Fruit, Vegetable and Related Preservers**
- 7515 Food and Beverage Tasters and Graders**
- 7516 Tobacco Preparers and Tobacco Products Makers**

Unit Group 7511

**Butchers, Fishmongers and Related Food Preparers**

Butchers, shmongers and related food preparers slaughter animals, clean, cut and dress meat and food products by drying, salting or smoking.

5 B T L T J O D M V E F o B T M B V H I U F S J O H B O J N B M T C n B Z J O H B O E U S J N N J O H D B S D B T G P S T B M F P S G V S U I F S Q S P D F T T J O H G J T I S F N P W F C P O F T m B T O E B O E N P M I B F S G S P E V D B O E V T J O H D I P B O E T I B Q J O H N B D I J O F T

(b) Operating in the business of making sausages

F D V S J O H N F B U m T I B O E S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
G P Q F S B U J O H T N P L F I P V T F T \$ P S L P W F O T U P T N P L F  
N F B U m T I B O E P U I F S G P P E T # B L F S Z Q S P E V D U T N B D I J O F P Q F S B  
(g) cooking or in other ways preparing meat, sh # S F B E Q S P E V D U J P O N B D I J O F P Q F S  
B O E S F M B U F E G P P E J U F N T G S S P D P M B U F Q S P E V D U J P O N B D I J O F  
(h) selling meat or sh to customers, including  
wrapping, weighing and labelling products,  
B O E S F D F J W J O H Q B Z N F O U

Examples of the occupations classied here: Unit Group 7513

Butcher Dairy Products Makers

Fish Ileter  
Fishmonger % B J S Z Q S P E V D U T N B L F S T Q S P D F T T C V U  
Slaughterer types of cheese, cream or other dairy products.  
5 B T L T J O D M V E F o

Some related occupations classied elsewhere: B C P J M J O H P S Q B T U F V S J [ J O H N J M L

4 I P Q L F F Q F S o m F E C V U U F S G B U D P O U F O U

' J T I Q S P D F T T J O H N B D I J O F S e p a r a t i n g c r e a m f r o m m i l k a n d c h u r n i n g

. F B U Q S P D F T T J O H N B D I J O F D S B S B U O S P o C V U U F S

(c) dumping measured amounts of starter and  
P U I F S J O H S F E J F O U T J O U P N J M L

(d) curdling milk, heating curd until it reaches

desired firmness, draining curd and placing

D I F F T F J O U P N P V M E T U P Q S F T T J U

(e) salting cheese and piercing or smearing

D I F F T F X J U I D V M U V S F E X B T I U P

Bakers, pastry-cooks and confectionery makers D I F F T F X J U I D V M U V S F E X B T I U P

N B L F W B S J P V T L J O E T P G C S H B S P X W I B L F T B O E P U I F S

n P V S Q S P E V D U T B T X F M C B C M B O O C H N B B O F E D V S D P O M H B D F F F T F C

and sugar confectionery. U P D V S F D I F F T F

5 B T L T J O D M V E F o H N P O J U P S J O H Q S P E V D U R V B M J U Z C

(a) making bread, cakes, biscuits, pastries, pies by inspecting, taking samples and adjusting

B O E P U I F S n P V S Q S P E V D U T U S F B U N F O U D P O E J U J P O T X I F O O F D

C N B L J O H I B O E N B E F D P O (b) F r e e d r i n g o f a m s u n t s a n d p r e d n e r t s u s e d , t e s t

tures of sugar, chocolate and other ingredi- results and time cycles.

F O U T V T J O H I B O E U P P M T B O E T P N F N B D I J O F T

(c) combining measured ingredients in bowls. Examples of the occupations classied here:

N J Y J O H C M F O E J O H P S D P P L B u t t e r m a k e r N B D I J O F S Z

E D I F D L J O H U I F R V B M C h e e s e m a k e r S B X N B U F S J B M T U P

ensure that standards and specifications are

N F U Some related occupations classied elsewhere:

(e) applying glazes, icings or other toppings to % B J S Z Q S P E V D U T N B D I J O F P Q F S B U

C B L F E H P P E T V T J O H T Q B U V J M B L T C P S P C S T V T J O H N B D I J O F P Q F S I

G D I F D L J O H U I F D M F B O M J O F T T P G F R V J Q N F O U B O E

operation of premises before production

r u n s t o e n s u r e c o m p l i a n c e w i t h o c c u p a t i o n a l

I F B M U I B O E T B G F U Z S F H U n i t G r o u p 7 5 1 4

H N P O J U P S J O H P W F O U F F r u i t , v e g e t a b l e a n d r e l a t e d p r e s e r v e s Q S P E V D U

B Q Q F B S B O D F U P E F U F S N J O F C B L J O H U J N F T

(h) coordinating the forming, loading, baking, S V J U W F H F U B C M F B O E S F M B U F E Q S F T

unloading, de-panning and cooling of Q S F T F S W F G S V J U O V U T B O E S F M B

batches of bread, rolls, pastry and confectionery products. w a y s i n c l u d i n g c o o k i n g , d r y i n g a n d s a l t i n g , o r

K V J D F P S P J M F Y U S B D U J P O

5 B T L T J O D M V E F o

Examples of the occupations classied here: B F Y U S B D U J O H K V J D F T G S P N W B S J F

Baker C F Y U S B D U J O H P J M T G S P N P J M C F B S

Chocolate maker G S V J U T

Confectioner D D P P L J O H T B M U J O H P S E S Z J O H

Pastry-cook B O E S F M B U F E G P P E T

E NJYJOH BOE BEEJOH JOH ~~Examples of the occupations classified here:~~  
 TVHBS TQJDFT BOE WJOFHBF ~~Food Graders~~ TTTJTU QSFTFSWB  
 UJPO BOE FOIBODF UFYUVS ~~Food Graders~~ FBSBODF BOE  
 nBWPVS - JRVPS UBTUFS  
 F USBOTGFSSJOH QSFTFSWF ~~Food Graders~~ PBTUFS P TUF SJMF KBST  
 bottles or other containers. Wine taster

Examples of the occupations classified here:

Chutney maker  
 'SVJU QSFTFSWFS Unit Group 7516  
 Jam maker **Tobacco Preparers and Tobacco Products Makers**  
 OJM FYQFMMFS  
 Vegetable and fruit pickler 5PCBDDP QSFQBSFST BOE UPCBDDP Q  
 7FHFUBCMF QSFTFSWFS QSFQBSF UPCBDDP MFBWFT BOE N B  
 bacco products.

Some related occupations classified elsewhere: 5BTLT JODMVEF o  
 \$BOOJOH NBDIJOF PQFS ~~Examples of the occupations classified here:~~  
 BOE MPDBMJUZ XIFSF HSPXO  
 C NJYJOH UPCBDDP MFBWFT BDD  
 UP PCUBJO B CMFOE PG EJTUJODU  
 D UFOEJOH WBDVFN DPOUBJOFST  
 UPCBDDP GPS GVSUIFS QSPDFTTJOH  
 E SFNPWJOH NJESJCT BOE TUB

Unit Group 7515

**Food and Beverage Tasters and Graders**

'PPE BOE CFWFSBHF UBTUFST ~~Examples of the occupations classified here:~~  
 UBTUF BOE HSBF WBSJPT U ~~Food Graders~~ BHSSTDV ~~Food Graders~~ UFT T  
 QSPEVDUT GPPE BOE CFWFS ~~Food Graders~~ BTTJUS ~~Food Graders~~ JDUH UPCBDDP  
 5BTLT JODMVEF o bacco products by hand or with simple ma-  
 chines.

(a) inspecting, testing, tasting and smelling ag-  
 SJDVMUVSBM QSPEVDUT ~~Examples of the occupations classified here:~~  
 WBSJPT TUBHFT PG QSPDFT ~~Food Graders~~ H  
 C EFUFSNJOJOH RVBMJUZ ~~Food Graders~~ UBCJMJUZ UP DPO  
 TVNFS UBTUFT BOE BQQSP ~~Food Graders~~ WSBVEFIS PG  
 products, and grading them into appropriate  
 DM BTTFT Some related occupations classified elsewhere:

D EJTDBSEJOH JOGFSJPS QSP ~~Food Graders~~ UFTUUF QSPEVDUJPO NBDIJOF  
 E SFDPSEJOH UIF HSBF BOE PS JEFUJGJDBUJPO  
 OVNCFST PO UBHT BOE SFDFJ ~~Food Graders~~ WJHBS ~~Food Graders~~ FIBWDFUTJ ~~Food Graders~~ OF NUBTDIJOF PQFS  
 (e) weighing and measuring products.

Minor Group 752

**Wood Treaters, Cabinet-makers and Related Trades Workers**

8PPE USFBUFST DBCJOFU NBLFST ~~Examples of the occupations classified here:~~  
 EFDPSBUF BOE SFQBJJ XPPEFO GVS ~~Wood Treaters~~ VSBT ~~Wood Treaters~~ WDEJDMNCPB ~~Wood Treaters~~ OUF  
 BOE TFU VQ PQFSBUF BOE UFOE X ~~Wood Treaters~~ RNF OTUF BBT ~~Wood Treaters~~ O JXPH EBXCPES LOJSOFT F  
 FRVJQNFOU NBDIJOF T BOE NBDIJOF UPPMT  
 5BTLT QFSGPSNFE VTVBMMZ JODMBVOEF P ~~Wood Treaters~~ QFSS ~~Wood Treaters~~ FURJ ~~Wood Treaters~~ Q N ~~Wood Treaters~~ OEU WFO  
 lumber and other wood products, and to treat chemically and impregnate wood products with  
 QSFTFSWBUJWFT TFUJJOH BOE PQFSBTU ~~Wood Treaters~~ B ~~Wood Treaters~~ O H ~~Wood Treaters~~ B ~~Wood Treaters~~ OFE ~~Wood Treaters~~ X ~~Wood Treaters~~ PS ~~Wood Treaters~~ INJ ~~Wood Treaters~~ O H ~~Wood Treaters~~ SNUBTD ~~Wood Treaters~~ I  
 DPNQPOFOU TUVEZJOH QMBOT ~~Wood Treaters~~ W ~~Wood Treaters~~ F ~~Wood Treaters~~ S ~~Wood Treaters~~ U ~~Wood Treaters~~ GEZ ~~Wood Treaters~~ F ~~Wood Treaters~~ O ~~Wood Treaters~~ H ~~Wood Treaters~~ U ~~Wood Treaters~~ E ~~Wood Treaters~~ U ~~Wood Treaters~~ N ~~Wood Treaters~~ O ~~Wood Treaters~~ T ~~Wood Treaters~~ O ~~Wood Treaters~~ T ~~Wood Treaters~~ P ~~Wood Treaters~~ G ~~Wood Treaters~~ P  
 UP GPSN DPNQMUFU VOJUT BOE DTF ~~Wood Treaters~~ W ~~Wood Treaters~~ R ~~Wood Treaters~~ J ~~Wood Treaters~~ O ~~Wood Treaters~~ H ~~Wood Treaters~~ V ~~Wood Treaters~~ S ~~Wood Treaters~~ F ~~Wood Treaters~~ B ~~Wood Treaters~~ V ~~Wood Treaters~~ B ~~Wood Treaters~~ A ~~Wood Treaters~~ M ~~Wood Treaters~~ S ~~Wood Treaters~~ F ~~Wood Treaters~~ L ~~Wood Treaters~~ O ~~Wood Treaters~~ Z ~~Wood Treaters~~ I ~~Wood Treaters~~ B ~~Wood Treaters~~ O ~~Wood Treaters~~ J ~~Wood Treaters~~ E ~~Wood Treaters~~ P ~~Wood Treaters~~ n ~~Wood Treaters~~ U  
 mDBUJPO TFUJJOH BOE BEKVTU ~~Wood Treaters~~ O ~~Wood Treaters~~ B ~~Wood Treaters~~ W ~~Wood Treaters~~ B ~~Wood Treaters~~ P ~~Wood Treaters~~ S ~~Wood Treaters~~ O ~~Wood Treaters~~ P ~~Wood Treaters~~ Z ~~Wood Treaters~~ R ~~Wood Treaters~~ U ~~Wood Treaters~~ OFEST ~~Wood Treaters~~ P ~~Wood Treaters~~ G ~~Wood Treaters~~ F ~~Wood Treaters~~ N ~~Wood Treaters~~ B ~~Wood Treaters~~ J ~~Wood Treaters~~ O  
 QSPHBSNNJOH PQFSBUJOH BOE N ~~Wood Treaters~~ P ~~Wood Treaters~~ O ~~Wood Treaters~~ J ~~Wood Treaters~~ Q ~~Wood Treaters~~ H ~~Wood Treaters~~ P ~~Wood Treaters~~ S ~~Wood Treaters~~ N ~~Wood Treaters~~ B ~~Wood Treaters~~ D ~~Wood Treaters~~ H ~~Wood Treaters~~ J ~~Wood Treaters~~ T ~~Wood Treaters~~ O ~~Wood Treaters~~ F ~~Wood Treaters~~ M ~~Wood Treaters~~ T ~~Wood Treaters~~ F ~~Wood Treaters~~ S ~~Wood Treaters~~ P ~~Wood Treaters~~ M ~~Wood Treaters~~ G ~~Wood Treaters~~ B ~~Wood Treaters~~ Z ~~Wood Treaters~~ S ~~Wood Treaters~~ F ~~Wood Treaters~~ I ~~Wood Treaters~~ D ~~Wood Treaters~~ B  
 SFQBJJ PS SF ~~Wood Treaters~~ m ~~Wood Treaters~~ O ~~Wood Treaters~~ J ~~Wood Treaters~~ T ~~Wood Treaters~~ I ~~Wood Treaters~~ XPPEFO QBS ~~Wood Treaters~~ X ~~Wood Treaters~~ P ~~Wood Treaters~~ G ~~Wood Treaters~~ P ~~Wood Treaters~~ S ~~Wood Treaters~~ R ~~Wood Treaters~~ E ~~Wood Treaters~~ V ~~Wood Treaters~~ S ~~Wood Treaters~~ D ~~Wood Treaters~~ O ~~Wood Treaters~~ U ~~Wood Treaters~~ T ~~Wood Treaters~~ U ~~Wood Treaters~~ V ~~Wood Treaters~~ S ~~Wood Treaters~~ O ~~Wood Treaters~~ E ~~Wood Treaters~~ S ~~Wood Treaters~~ F ~~Wood Treaters~~ Y ~~Wood Treaters~~ B ~~Wood Treaters~~ U ~~Wood Treaters~~ J ~~Wood Treaters~~ S  
 BOE JOUFSQSFUJOH TQFDJmDBUJPO T PS GPMMPXJOH WFS ~~Wood Treaters~~ C ~~Wood Treaters~~ B ~~Wood Treaters~~ M

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B / T O T J m F E J O U P U I F

**7521 Wood Treaters**

**7522 Cabinet-makers and Related Workers**

**7523 Woodworking Machine Tool Setters and Operators**

Unit Group 7521

Unit Group 7522

**Wood Treaters**

**Cabinet-makers and Related Workers**

8 P P E U S F B U F S T T F B T P O C C a b i n e t - m a k e r s a n d r e l a t e d w o r k e r s m a k e r e c o -  
and lumber manually or using wood treatment and repair wooden furniture, carts and other  
F R V J Q N F O U T V D I B T L J M O T V B D I E J D U B D I L T X I F F M T Q B S U T m U U J O H  
5 B T L T J O D M V E F o and other wooden products using woodworking

(a) operating and tending kilns, treating tan machines, machine tools and specialized hand  
B O E P U I F S F R V J Q N F O U U P t o d i s S Z M V N C F S Q S F Q B S F  
and season wood and other wood products, 5 B T L T J O D M V E F o  
and to impregnate wood products with p (a) - operating woodworking machines such as  
T F S W B U J W F T power saws, jointers, mortisers and shapers,

C N P O J U P S J O H F R V J Q N F O and using saws to cut, shape and form  
B O E Q B O F M M J H I U T J O P S E I S S U P T E F O E D U P N E W O B O W P O T  
from standards and to ensure that processes T U V E Z J O H Q M B O T W F S J G Z J O H E  
B S F P Q F S B U J O H B D D P S E J O H c l e s t o b e o n f a d e o r p r e p a r i n g s p e c i a t i o n s

D P Q F S B U J O H W B M W F T U P B E E N J D I U S E B O H O H I F P R M W B M P O Z B O E  
J O U P U S F B U N F O U W F T T F M T S E N S J U P U B O D V S T O B E J G S I F E D F U P T O  
I F B U W B D V V N B O E I ( z ) E t i m i n g j o i n t s a n d s t i t t i n g p a r t s a n d b u - E  
M F W F M T P G T P M V U J P O a s s e m b l e s t o g e t h e r t o f o r m c o m p l e t e p a r t s U I F  
U S F B U N F O U D Z D M F using glue and clamps, and reinforcing joints

E B D U J W B U J O H W B D V V N B O E J O Z H E S O B V M J T D Q S S F X V S F S P U I F S  
Q V N Q T U I B U S F N P W F B J S B O E N T B E B N D I S P S S F S T U Z M J O H B O E  
torts and force treating solution into pores wooden articles such as cabinets, furniture,  
P G X P P E U P B D D F M F S B U F U W F I U S F M B U T N F O D B O M S F P D I P T E F M T T Q P S U T

F B T T J T U J O H J O N B J O U B J O U F U V F S Q B S U D F T P T S J Q S P E R N D W Q  
N F O U B O E N B D I J O F T B T S F F R V F S P S B U J O H G V S O J U V S F B O E m Y U  
G D M F B O J O H M V C S J D B U J X I P P E O P S B B Q V T M U Z J O C H F R V D O F S B O E  
N F O U T J H O T

(g) transporting materials and products to and finishing surfaces of wooden articles or fur-  
from work areas manually or using carts, niture.  
I B O E U S V D L T P S I P J T U T

(h) completing and maintaining production r Examples of the occupations classi ed here:  
ports. Cabinet-maker  
Cartwright

Examples of the occupations classi ed here: Furniture cabinet-maker  
% S Z L J M O P Q F S B U P S Wheelwright  
Lumber kiln operator Wood patternmaker  
5 J N C F S U S F B U J O H U B O L P Q F S B U P S

Veneer dryer tender Some related occupations classi ed elsewhere:  
Wood seasoner \$ B S Q F O U F S o  
Wood treater + P J O F S o  
8 P P E B O E S F M B U F E Q S P E V D U T B

Some related occupations classi ed elsewhere:  
8 P P E Q S P D F T T J O H Q M B O U P Q F S B U P S o

Unit Group 7523

**Woodworking Machine Tool Setters and Operators**

machine functions and product specifica-  
U J P O T

Woodworking machine tool setters and opera-  
tors set up, operate and monitor automatic or  
semi-automatic woodworking machines such  
as precision sawing, shaping, planing, boring,  
U V S O J O H B O E X P P E D B S W J O H  
P S S F Q B J S X P P E F O Q B S U T G P S

(d) installing and adjusting blades, cutter heads,  
boring-bits and sanding-belts, and using

I B O E U P P M T B O E S V M F T  
F T F U U J O H B O E B E K V T - U J O H W B S J P  
X P S L J O H N B D I J O F T G P S P Q F S B U J P  
(#) Needing Job of Interlocking Specifications or  
G P S M P U K V S O H W Y S C B M B O E U S V D U J P C

other wooden products.

5 B T L T J O D M V E F o

Examples of the occupations classi ed here:

(a) setting up, programming, operating and  
N P O J U P S J O H T F W F S B M  
machines for sawing, shaping, boring,  
drilling, planing, pressing, turning, sanding  
P S D B S W J O H U P G B C S J  
Q B S U T G P S G V S O J U V S F  
Q S P E V D U T

\$ B S W J O H N B D I J O F P Q F S B U P S X P  
F u r n i t u r e p r o d u c t i o n p a t t e r n o p e r a t o r O H  
Precision woodworking sawyer  
Wood products machine operator  
Woodturner P S S F Q B J S X P P E F O  
Woodworking lathe operator X P P E F O  
Woodworking machine setter  
Woodworking machine setter-operator  
Woodworking machine set-up operator

(b) operating preset special-purpose wood-  
working machines to fabricate wooden  
products such as coat hangers, mop handles,  
D M P U I F T Q J O T B O E P U I F

Some Special Occupations classi ed elsewhere:

D T F M F D U J O H L O J W F T T B X T 8 P C M B E O E S F W U B U F F S E I Q S P T E V D U T B  
cams, bits or belts according to work piece,

Minor Group 753

**Garment and Related Trades Workers**

( B S N F O U B O E S F M B U F E U S B E F T E X T I L E P U S J T O H U E F B M H U O F S B O B E O N E  
U F Y U J M F B O E G V S H B S N F O U T B O E O M W B U I F F S O P E S E G F V D S P S O B S U P F E V H D B U S T N  
H M P W F T B O E P U I F S U F Y U J M F Q S P E V D U J P O M D S F S F O B J O S B B O E S S O F T O M  
I P M T U F S Z P G G V S O J U V S F m Y U V S J F T T I J O P H S T U I P P Q Q B F V E U J P D N P B C O J Q M M J T B O U D  
T D S B Q F U B O C V B O E E Z F B O J G N Z B M O E J E S F T Q B Q S F M G W P U P X S F B T S L  
leather articles.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M W E B F J M n P U S U F J E O H D M B M U J F S H I O H E B T  
B O E N B L J O H N B E F U P N F B T V S F D M P M F B O H F G S S B O E U P Y U J M F N F N B B C S  
P S N B L J O H I B U T P S X J H T N B L J O H Q S I B S N T F J O P W T N U B Z T M J F S D I Q B O U H U F F T S O  
Q S P E V D U J P O P G H B S N F O U T B O E P U T F S T B X Y O H M U F P H M W B F U S I F S K P P J S O  
E B S O J O H S F Q B J S J O H S F O P W B U J B O C H E P O W E F S F O D S P S B W J D W T H P H G B S I R Y  
G V S M J H I U M F B U I F S B O E P U I F S I N B H F T S B J B M T T E G X B O C J S O J H D T B U B O E H U B C S E Q  
J O T U B M M J O H S F Q B J S J O H B O E S B O M F B T D J O B U V R O P M E W D S E Z Q R O M J G B  
seats, panels and other furnishings of automobiles, railway coaches, aircraft, ships and similar  
J U F N T U S J N N J O H T D S B Q J O H D M B O N O M I U B F O T O J O A M U C T V P O S H T E  
U P Q S P E V D F M F B U I F S T U P D L B O E O M O P J U I I F S E C S S E V O B S N N B U O  
modifying and repairing standard, custom-made or orthopaedic footwear and natural or syn-  
thetic leather articles.

O D D V O B U J P O T J O U I J T N J O P S H S P W Q V B S U F H D S M P B / T O T T J m F E J O U P U I F

- 7531 Tailors, Dressmakers, Furriers and Hatters
- 7532 Garment and Related Patternmakers and Cutters
- 7533 Sewing, Embroidery and Related Workers
- 7534 Upholsterers and Related Workers
- 7535 Pelt Dressers, Tanners and Fellmongers
- 7536 Shoemakers and Related Workers

Unit Group 7531

Some related occupations classified elsewhere:

**Tailors, Dressmakers, Furriers and Hatters**

5FYUJMFT IBOEJDSBGU XPSLFS o

4FXJOH NBDIJOF PQFSBUPS o

5BJMPST ESFTTNBLFST - GVSSJFST BOE IBUUFST GBC

ricate, fit, alter and repair tailored or hand-

NBEF DMPUIJOH 5IFZ QSPEVDF NBEF UP NFBTVSF

DMPUIJOH TVDI BT TV Unit Group 7532 FSDP BUT BOE ESFTTFT

GSPN UFYUJMF GBCSJD T Garment and Related Patternmakers and Cutters BOE PUIFS

material, or make hats or wigs according to cus-

tomers and clothing manufacturers speci (a) BSNFOU BOE SFMBUFE QBUUFSONBLF

tions. create precision master patterns for the produc-

5BTLT JODMVEF o UJPO PG HBSNFOUT BOE PUIFS UFYU

B NBLJOH PWFSDP BUT Q T P EVTDUT TLJSSIFZ NTBIS S-UTDVU TIB

blouses, lingerie, corsetry, hats, wigs atiles, light leather and other materials according

TJNJMBS HBSNFOUT PG U To blueprints of specifications in the manufacture of

SFRVJSFNFOUT PG HBSNFOUT IBUT BOE DBQT H

C TFMFDUJOH UFYUJMF Garment Products MFBUIFS PS GVS QFMUT

NBUDIJOH UIF EFTJSFE TJ [F5 BTLMPVCS DMV E VVSF BOE

RVBMJUZ PG UIF HBSNF O (a) Creating a master pattern for each size within

to garment pattern and arranging them on a range of garment sizes, using charts,

the pattern according to the design of the E S B G U J O H J O T U S V N F O U T D P N Q

HBSNF O U H S B E J O H E F W J D F T

(c) making garment style changes, such as (b) a-creating the blueprint or pattern pieces for

paring trouser legs or narrowing lapels, and a particular apparel design with the aid of a

BEEJOH PS SFNPWJOH QBEE D P N Q V U F S

(d) selecting and modifying commercial patte (c) calculating dimensions of patterns ac-

to customers and clothing manufacturers cording to sizes, considering stretching of

TQFDJmDBUJ POT BOE m U NBUFSJBM

(e) fitting, altering and repairing tailore (d) drawing details on outlined parts to indicate

clothing, dresses, coats and other made-to-where parts are to be joined, as well as the

measure garments according to customers positions of pleats, pockets, buttonholes on

SFRVFTUT HBSNFOUT EFDPSBUJWF TUJUDI J

(f) making and caring for costumes used in the- PS FZFMFUT PO DBOWBT QSPE

BUSJDBM UFMFWJTJPO- BOEQN P U S F O P S J B S B S E J O S P E V O T U S V N F O U

UJ POT (e) positioning templates or measuring materials

(g) folding, twisting and draping material such to locate speci ed points of cuts or to obtain

as satin or silk, or sewing ribbon or cloth in NBYJNVN ZJFMET BOE NBSLJOH GBC

UIF GPSN PG BSUJmDJBM n P X H S M Z P S C P X T B S P V O E

DSPXO BOE CSJN UP TIB O (f) laying out the master pattern on fabric and

(h) sewing and fastening together materials and V U U J O H T B N Q M F Q B U U F S O T

IBJS TUSBOET UP NBLF X (g) H Testing patterns by making and tting sample

J CMFOEJOH TIB EFT PG IBH S N P O H J W F B O B U V S B M B Q

QFBSBODF UP XJHT BS (h) Placing patterns on top of layers of fabric and

speci ed positions and sewing hair together cutting fabric following patterns, using elec-

UP GPSN IBJSQJFDFT USJD PS NBOVBM LOJWFT DVU

(j) making, altering, restyling and repairing fur OVNFSJDBMMZ DPOUSPMMFE DVUU

HBSNFOUT BOE PUIFS G (i) S Cutting and Drilling fur pelts to make parts for

(k) reclaiming furs or skins from old coats, HBSNFOUT BOE PUIFS GVS BSUJDI

gluing fabric to the interior of fur coats and K USJNNJOH FYDFTT NBUFSJBM PS

trimming fur garments. P m O J T I F E Q S P E V D U T T V D I B T

FOET PG B m O J T I F E Q S P E V D U

Examples of the occupations classified here: (k) positioning leather on the cutting bed of ma-

% SFTTNBLFS DIJOFT NBYJNJ [JOH VTBFH BDDPS

Fur grader HSBJO TLJO nBXT BOE TLJO TUS

Furrier (l) performing patternmaking, marking and

Hatter cutting tasks in the manufacture of other

.JMMJOFS QSPEVDUT TVDI BT TPGU GVSOJTIIJ

5BJMPS goods.

Examples of the occupations classified here:

Fur patternmaker  
( B S N F O U D V U U F S  
( B S N F O U Q B U U F S O N B L F S  
( M P W F D V U U F S

Sewer  
Umbrella maker

Some related occupations classified elsewhere:

5 F Y U J M F Q B U U F S O N B L J O H N B D I J O F  
P Q F S B U P S o

Unit Group 7534

**Upholsterers and Related Workers**

Unit Group 7533

**Sewing, Embroidery and Related Workers**

Sewing, embroidery and related workers sew by hand, using a needle and thread, but may perform some tasks using a sewing machine.

Upholsterers and related workers install, repair  
BOE SFQMBDF VQIPMTUFSZ PG GVS O J  
H P Q B F E J D B Q Q M J B O D F T T F B U T Q B  
H F U I F S S F Q B J S S F O P W B U B O E O W E O D M S B B O T H B O N F O W I T F S G V S O J  
H M P W F T B O E P U I F S Q S P I E S , D a i l y c o a c h e s , J a r c y a t , S m e a s u r i n g a n d S i m i l a r M J H I U  
leather and other materials and fabricate tents, tents, furniture, car seats, and similar items.  
T B J M T B X O J O H T B O E U B S Q B U M S J Z T N B B F S Z B X P S L 5 N F Z J O M Z P N B L F B  
by hand, using a needle and thread, but may perform some tasks using a sewing machine.  
P O T R V J M U T B O E N B U U S F T T F T

(a) discussing upholstery fabric, colour and style

B S F Q B J S J O H E F G F D U J W F P X S J I E B N B H T U E P N O P S S T U B P O E T Q P S P W J E J O H  
cloths or garments by hand, using matching

(a) discussing upholstery fabric, colour and style  
G P S V Q I P M T U F S J O H G V S O J U V S F P S

(b) making upholstery patterns from sketches,

C S F N P W J O H T U J U D I F T G V S T P U N N H B S E N F F D S J J Q U U P O C F P S B M M V F C  
U F S F E V T J O H S J Q Q F S T

(b) making upholstery patterns from sketches,  
(c) selecting thread according to specifications, or colour of parts, or dyeing thread to match

(c) selecting thread according to specifications, or colour of parts, or dyeing thread to match

D P M P V S B O E T I B E F P G D D M I S T A L L I N G , P a r r a n g i n g a n d S e c u r i n g s p r i n g s ,  
D B E E J O H B O E D P W F S J O H N B U F S J B M

(c) selecting thread according to specifications, or colour of parts, or dyeing thread to match  
(d) patching holes, sewing tears and ripped seams, or darning defects in items, using needle and

(d) patching holes, sewing tears and ripped seams, or darning defects in items, using needle and

U I S F B E  
(e) pulling knots to the wrong sides of garments,

(d) patching holes, sewing tears and ripped seams, or darning defects in items, using needle and  
(e) pulling knots to the wrong sides of garments,  
D V T I J P O T B O E K P J O J O H T F D U  
V T J O H I P P L T N B U F S J B M T

(e) pulling knots to the wrong sides of garments,

(f) trimming ends with scissors to make mer-

(e) pulling knots to the wrong sides of garments,  
(f) trimming ends with scissors to make mer-

(f) trimming ends with scissors to make mer-

H T F X J O H P S O B N F O U B M E t i c k e t s , O r a i d s , C u t t o n s a n d o t h e r a c c e s -  
s t a m p e d , p r i n t e d o r s t e n c i l l e d p a t t e r n s o n S J F T U P D P W F S T P S G S B N F T P O V Q I P  
G B C S J D V T J O H O F F E M F B O E U I S F B E

(f) trimming ends with scissors to make mer-

(g) tacking, gluing or sewing ornamental trims,

(h) embroidering ornamental designs on cloth by hand or machine, using needle and coloured

(g) tacking, gluing or sewing ornamental trims,  
(h) embroidering ornamental designs on cloth by hand or machine, using needle and coloured  
J S F Q B J S J O H S B X I J E F D P W F S  
M J N C T  
U P Q S F Q B S F J U G P S T F X J O H S F O P W B U J O H B O U J R V F G V S O J U  
K T F X J O H P S H M V J O H E F D P S F B O L L A D O P A I N G W I T H I N T E R I O R G E S S I N G S T o d e c -  
J D M F T T V D I B T I B U T D B Q T I B P N S N P S J T I F S O N J M P O U H O F O S F F E M F T  
L I B O E T F X J O H V N C S F M ( M ) B o l l a d o P a i n g w i t h i n t e r i o r g e s s i n g s T o d e c -  
U B D L J O H D P W F S U P S J C T o f B o a r d e r s a n d B o a r d e r s f a b -  
c o r n e r s t o t i p s o f r i b s a n d s e w i n g t i e s t o o u t s J D T  
T J E F P G D P W F S U P I P M E V M C S N I M B O H I R O J M P M E F E V T I J P O T B O E

(i) softening leather or shoe material with water

(i) softening leather or shoe material with water

(i) softening leather or shoe material with water  
(l) fabricating and assembling thick cloth, in-  
g i n g , t a r p a u l i n s a n d t e n t s .  
F u r n i t u r e u p h o l s t e r e r  
B U U S F T T N B L F S

Examples of the occupations classified here:  
Embroiderer

(l) fabricating and assembling thick cloth, in-  
g i n g , t a r p a u l i n s a n d t e n t s .  
F u r n i t u r e u p h o l s t e r e r  
B U U S F T T N B L F S  
O r t h o p a e d i c u p h o l s t e r e r  
V e h i c l e u p h o l s t e r e r

Some related occupations classified elsewhere: M F B U I F S H B S N F O U T I B U T B O E H M P W  
4 F X J O H N B D I J O F P Q F S B U  
The manufacture of shoes and related goods.  
5 I F Z E F D P S B U F S F J O G P S D F P S m O J T I  
handbags and belts.

Unit Group 7535

**Pelt Dressers, Tanners and Fellmongers**

Pelt dressers, tanners and fellmongers trim, paedic or therapeutic footwear according to  
T D S B Q F D M F B O U B O C V B O E P E D U P S O J N O M F T J E S J Q U J P M U T T P S N P  
or skins to produce leather stock and finished fur footwear for people with foot problems and  
for making garments and other products. T Q F D J B M O F F E T

5 B T L T J O D M V E F o (a) sorting and grading pelts, hides and skins ac- Q S P E V D U T

(b) making, modifying and repairing standard G P P U X F B S U P N F F U J O E J W J E V B M  
G P P U X F B S U P N F F U J O E J W J E V B M  
(b) making, modifying and repairing ortho-  
paedic or therapeutic footwear according to  
T D S B Q F D M F B O U B O C V B O E P E D U P S O J N O M F T J E S J Q U J P M U T T P S N P  
or skins to produce leather stock and finished fur footwear for people with foot problems and  
for making garments and other products. T Q F D J B M O F F E T

(c) repairing belts, luggage, purses and similar D B T U T P G D V T U P N F S T G F F U  
D P S E J O H U P D P M P V S T (c) making plaster casts for orthopaedic feet  
C T D S B Q J O H Q B S U J D M F T P G P N Q S I F Q B B B P S B X S P H T D U J W F  
tissue from skins or pelts to clean and soften (e) preparing inserts, heel pads and lifts from  
U I F N D B T U T P G D V T U P N F S T G F F U  
D S F N P W J O H I B J S G S P M (f) studying drawings and other specifications to  
M J N F X B U F S make footwear according to customers

E Q S F Q B S J O H I J E F T C Z D V S F J O E H U I F N X J U I T B M U  
F S F N P W J O H M P O H D P B S H F I T U V S E S O N X P I M U T P S D E S T B O E I  
U S J N N J O H V O E F S M Z J O H I B d s b t t i p i n f o r m a t i o n a l f o o t h o l d e r s ,  
G U B O O J O H B O E E S F T T J O H specifications and the types of materials to  
and beauty or to restore the natural appear- C F V T F E

B O D F P G Q F M U T I D I F D L J O H U I F U F Y U V S F D P M P  
H Q S F Q B S J O H C B S L B O M F B U Z I S P Q U B M B D V S M J U R I B D S J U G J T S B E I  
U S F B U J O H I J E F T P S T L J O T U J D V M B S Q V S O P T F

(h) treating hides and skins in tanning solution on cutting out, shaping and padding parts for  
U P D P O W F S U U I F N J O U P M F B U I F S B S U J D M F T

(i) tinting or dyeing furs to enhance natural (j) sewing rips or patching holes to repair art-  
T I B E F T P G G V S J D M F T T V D I B T Q V S T F T C F M U T T I  
K S F N P W J O H X S J O L M F T B O I E T S U J P O W J O S H B O O T E P O Y B F U J O J O H T  
I J E F T P S T L J O T B O E E F T J H O T U P W F S J G Z D P O G P S N J

(k) dressing and applying dyes and stains to cations, such as proper embedding of stitches  
M F B U I F S J O D I B O O F M T

(l) attaching accessories for ornamentation to M T U S F U D I J O H B O E T N P (P  
(m) seasoning leather by applying chemical solu- E F D P S B U F P S Q S P U F D U Q S P E V D U T

U J P O P S P J M F W F O M Z P O n l y m a k i n g a n d r e p a i r i n g a r t i c l e s s u c h a s  
brush and allowing it to dry in open air. Or) making and repairing articles such as sad-  
dles and harnesses for animals, luggage,  
handbags, briefcases, leather bags, belts and  
other accessories.

Examples of the occupations classified here:  
Fellmonger  
Pelt grader  
5 B O O F S

Examples of the occupations classified here:  
Cobbler  
Orthopaedic shoemaker  
Saddler

Some related occupations classified elsewhere:  
5 B O O J O H N B D I J O F P Q F S B U

Some related occupations classified elsewhere:  
' V S S J F S ' o  
) B U U F S o  
4 I P F Q S P E V D U J P O N B D I J O F P Q F S B

Unit Group 7536

**Shoemakers and Related Workers**

Shoemakers and related workers make, modify  
and repair standard, custom or orthopaedic  
footwear and natural or synthetic leather articles

T V D I B T M V H H B H F I B O E C B H T B O E C F M U T F Y D F Q U G P S



Minor Group 754

**Other Craft and Related Workers**

Other craft and related workers work under the surface of water, using underwater breathing  
 BQQBSBUVT QPTJUJPO BTTFNCM B CBO EU E F U P O B X F NFBYQAVSPJTBJM  
 NBOVGBDUVSFE DPNQPOFOUT BOE QSPJETVNDU TU P B O E F W F F N O U W E B W O B X H F  
 UP DSPQT BOE CVJMEJOHT BOE PUTI P S U I T F U S S V I S B V S F F O E S I D S B I G S P P O  
 UJ POT OPU DMBTTJmFE FMTFXIFSFFBO5SBKEFS (SPSPVLCF ST \$ SBGU B  
 5BTLT QFSGPSNFE VTVBMMZ JODMVEGPNODMSWOBISJPB/GFV O E O S X B  
 UBTLT MPBEJOH FYQMPTJWFT DJPOSUB O C H MUBPT U OITPUNS F D U J N P D Y T J O  
 BUJOH BOE NPOJUPSJOH FRVJQNFOU GPS TQSBZJOH QFTUT BOE  
 ODDVQBUJPOT JO UIJT NJOPS HSPHV O V O S U F H D \$ P B V T O T T J m F E J O U P U I F

**7541 Underwater Divers**

**7542 Shotfirers and Blasters**

**7543 Product Graders and Testers (excluding Foods and Beverages)**

**7544 Fumigators and Other Pest and Weed Controllers**

**7549 Craft and Related Workers Not Elsewhere Classified**

Unit Group 7541

Examples of the occupations classied here:

**Underwater Divers**

OZTUFSEJWF  
4BMWBHFGSPHNBO

6OEF SXBUFS E J W F S T X P S L 4 Q P C E H F S E U W F S T V S G B D F P G  
 water, with or without the aid of underwater Underwater worker  
 breathing apparatus, to inspect, install, repair

BOE SFNPWF FRVJQNFOU SBOE Related Occupations Classified Elsewhere  
 UFTUT PS FYQFSJNFOUT SJH F4VQMTBTW W O D F O U P W F P S H S B O I  
 TUSVDUVSFT PS NBSJOF MJGF DPM MF DU WBSJPVT GPSNT PG  
 BRVBUJD MJGF GPS DPNNFSDJBM PS SFTFBSDI QVSQPTFT  
 BOE mOE BOE SFDPWFS NJTTJOH JUFNT BOE QFSTPOT  
 5BTLT JODMVEF o Unit Group 7542

(a) taking safety precautions, such as monitoring **Shotfirers and Blasters**

EJWF MFOHUIT BOE EFQUIT BOE SFHJTUF SJOH XJUI  
 BVUIPSJUJFT CFGPSF EJW Shotfirer and Blaster Position, False and  
 C DIFDLJOH BOE NBJOU E F O J P O H B E F W B O C M F R T V J W N F O B U N J O  
 TVDI BT IFMNFUT NBTLDemolition Sites BOLT EJWJOH  
 TVJUT IBSOFTTFT BOE H B # I E T J O D M V E F o

D EFTDFOEJOH JOUP X B B J F S F O X T J M S I J Q H F U B B U E X P G S - L E Q J M B F D S F T B O  
 IFMQFST VTJOH TDVCB HFB S V F P T S I B O V E M O J H H T V J W P - S B H F B O E U

(d) working under water to lay and repair DFEVSFT BOE SFHVMBUJPOT BSF GP  
 CSJEHFT QJFST BOE IBSCPCVS X B M B M O C P J V O H B U B J P O T H J W J O H J

(e) inspecting for suspected damage and making MBZPVU EFQUI BOE EJBNFUFS PG C  
 minor repairs to ships hulls and underwater D DIFDLJOH EFQUI BOE DMFBOMJOFT  
 JOTUBMMBUJPOT E EFUF SNJOJOH RVBOUJUZ BOE UZOC

G SFQPSUJOH PO UIF DPOE JUP PCOF PGT FXESFDLFE TIJOT  
 H SFNPWJOH VOEF SXBUFS P C T M S P B E U O P H O T F Y Q M P T J W F T J O U P C M

I ESJMMJOH IPMFT GPS (f) Oases, including fire Citing Other Workers to as-  
 J QFSGPSNJOH WBSJPVT V s O n b e , S p i n n e l C h a r g e s B i s i n g D e t o n a t o r s a n d  
 OFDUFE XJUI TBMWBHF XPSIEYPCSM PFDI W F F S B O S H U S E F B H E F T B O E B U  
 CPEJFT XJSFT GVTFT BOE EFUPOBUJOH DP S

K HBUIFSJOH TIFMM m TI (g) One-Flg Wires, fuses and other B u d d s  
 MJGF GPSNT into series, testing electrical circuits and re-

(k) communicating with workers on the surface pairing malfunctions, and connecting series  
 while under water, using signal lines or tel- UP CMBTUJOH NBDIJOFT  
 FQIPOFT I DPWF SJOH DIBSHFT mMMJOH CM

M PCUBJOJOH JOGPSNBUJUBust, sand and other materials and B a m p i n g  
 BOE FOWJSPONFOUBM DPOENBU P O T B M U P D P N Q B D U D I B S H F T

- J F O T V S J O H U I B U B M M Examples of the occupations classified here:
  - BOE SFQPSUJOH BOE BUUFOP Product graders
  - (j) declaring blast areas safe before and after Quality inspector
    - EFUPOBUJPO PG FYQMPTJWF Wool classer
  - (k) compiling and maintaining records about
    - VTBHF PG FYQMPTJWFT JS Some related occupations classified elsewhere:
      - 1SPEVDU TBGFUZ JOTQFDUPS o
      - 'PPE HSB EFS o

Examples of the occupations classified here:  
 Blaster  
 Powderman  
 Powder monkey  
 Shot rer

Unit Group 7544

Some related occupations classified elsewhere: **Fumigators and Other Pest and Weed Controllers**

- .JOJOH TVQFSWJTPS o
- %SJM MFS NJOJOH o Fumigators and other pest and weed controllers
- %SJM MFS PJM PS HBT VXFMDMFNDDBMT UP SFNPWF IBSNGVM animals, wild plants and other unwanted organ-
- .JOJOH MBCPVSFS o
- 2VBSSZ MBCPVSFS o JTNT UP QSFWFOU EBNBHF UP DS

Unit Group 7543

**Product Graders and Testers (excluding Foods and Beverages)**

- 1SPEVDU HSB EFST BOE UFTU DST DPYDMSVJEO HSB EFST UP ETQFDJm F
- CFWFSBHFT JOTQFDU UFTU T Sides, applying knowledge of weather con-
- materials, manufactured components and non-co- EJUJ POT ESPQMFU TJ[FT F MF
- mestible goods produced or sold, to ensure com- SBUJPT BOE PCTUSVDUJ POT
- QMJBODF XJUI RVBMJUJZ TUB Spacing of trees, the final solutions of FDUT
- XFBS BOE EFWJBUJ POT GSPN UTYJDDHBBUJPOBTOEBTDFEUWJPOH USBQT
- HSBEF BOE DMBTTJGZ UIFN BDMFSENJCH UTPVUIIFBTS RVBMJUJZSNJUFT
- 5BTLT JODMVEF o (e) lifting, pushing and swinging nozzles, hoses
- (a) inspecting and testing products, parts and BOE UVCFT JO PSEFS- UP EJSFDU
- materials for conformity with specifications JHOBUE BSFBT
- BOE TUBOEBS E T (f) lling sprayer tanks with water and chemi-
- C HSB EJOH BOE DMBTTJGZJDBIMOTBUVSBM UFYUJMF mCSFT
- GPS TQJOOJOH BOE XJOEJCH DMFBOJOH BOE TFSWJDJOH N
- (c) discarding or rejecting products, materials operating eiciency.
- BOE FRVJQNFOU OPU NFFUJOH TQFDJm DBUJ POT
- (d) analysing and interpreting blueprints, data Examples of the occupations classified here:
- manuals and other materials to determine Fumigator
- specifications, inspection and testing pro- Pest controller
- D FEVSFT Weed controller

- F OPUJGZJOH TVQFSWJTPST BOE PUIFS QFSTPOOFM PG
- production problems, and assisting in identifying Some related occupations classified elsewhere:
- GZJOH BOE DPSSFDUJOH UIFT F SQBMCMSNQ TQSBZFS o
- (f) recording inspection or test data such as
- weights, temperatures, grades or moisture
- DPOUFOU BOE RVBOUJUJFT JOTQFDUFE PS HSB EFE

Unit Group 7549

**Craft and Related Workers Not Elsewhere Classified**

- (g) marking items with details such as grade
- BDDFQUBODF PS SFKFDU
- (h) measuring dimensions of products using instruments such as rulers, callipers, gauges or
- NJDSPNFUFST 5IJT HSPVQ DPWFST DSBGU BOE
- (i) analysing test data and making computations as necessary to determine test results
- OPU DMBTTJmFE FMTFXIFSF JO .BKPS
- BOE 3FMBUFE 5SB EFT 8PSLFST 'PS

group includes those who mould, slice, grind (a) grinding and polishing lens blanks.  
and polish optical lenses and those who arrange

n P X F S T G P S E J T Q M B Z Examples of the occupations classified here:

\* O T V D I D B T F T U B T L T X P V M F l o w e r O a r t M e r F o

(a) heating, moulding and pressing optical glass Optical lens nisher

U P N B L F M F O T C M B O L T Optical lens moulder

Ma~or Group 8

**PLANT AND MACHINE OPERATORS AND ASSEMBLERS**

Plant and machine operators and assemblers operate and monitor industrial and agricultural  
NBDIJOF SZ BOE FRVJQNFOU PO UIF B O F E U P C S F S Z U S F F N U S L B F J O T P O U N S  
WFIJDMFT BOE NPCJMF NBDIJOF SZ B O E G S R W J O R N O P O P C S U B O E B S M  
according to strict speci cations and procedures. Competent performance in most occupa-  
UJ POT JO UIJT NBKPS HSPVQ SFRJMSF TMTFWMMT BU UIF TFDPO

5 IF XPSL NBJOMZ DBMMT GPS FYQFCS JFOEDVFT UKSJJB MB O E O E B O H V O J E D F V S I  
NBDIJOF SZ BOE FRVJQNFOU BT XFM MF B O B B O E B E Q M S I B U J B O T D B O  
UP BEBQU UP UFDIOPMPHJDBM JOOPWBUIJ POT

5 B T L T Q F S G P S N F E C Z Q M B O U B O E T V N B B D M Z O J F O D M V S B U P Q F S B O  
BOE NPOJUPSJOH NJOJOH PS PUIFS O D E G P S S O B S N P D N F B T D I J O H S X I F B  
NJOFSBMT HMBTT DFSBNJDT BXOPEP N P C Q B J O S S O P A S N B D A N O D S E  
BOE FRVJQNFOU VTFE UP QSPEVDF E S B N D M E M T N B S E V C P G S N F O M M  
UJDT XPPE QBQFS UFYUJMFT G O P S E T R S / M F B O E F S F M B O E F X I O S I P E  
ESJWJOH BOE PQFSBUJOH USBJOJOBOEONEPNP O J W P S J J O M F N P  
JOEVTUSJBM BOE BHSJDVMUVSBM N N B D O H O Q S Z E B / O E U T F R G V S J P C N N E O P U N  
QPOFOU QBSUT BDDPSEJOH UP 4 M Q F S W J T O J P O J R O B R U P F O S T X B P C  
may be included.

ODDVQBUIJ POT JO UIJT NBKPS H S P H V O V B C S A N E K M P S T H S R F O T J O U P U I F

- 81 Stationary Plant and Machine Operators**
- 82 Assemblers**
- 83 Drivers and Mobile Plant Operators**

Note

OQFSBUPST PG NBDIJOF SZ UIBU JOQMPM W S P D E V T U P N B R J S F E G V O P O W S P O M T F B S F N V M O  
JO . J O P S ( S P V Q 1 S P D F T T \$ P O U S P M 5 F D I O J D J B O T



Unit Group 8111

**Miners and Quarriers**

UP SFDPWFS SFm OFE QSPEVDUT GPS further processing.

- . JOFST BOE RVBSSJFST (a) setting up and operating stationary plant for BOE IBOE UPPMT UP FYUSBD UmScPIdetywhthJgOfidS B Wsh, Pst,FsawBoDE other deposits from underground and surfaceslice rocks, minerals and stones according to NJOFT BOE RVBSSJFT UIF TQFDJmDBUJPOT GPS UIF KPC 5BTLLT JODMVEF o (b) positioning blocks and slabs of stone onto ma-
- (a) positioning, operating and monitoring the DIJOFT GPS TBXJOH DVUUJOH BOE GV QFSGPSNBODF PG B WBSJFUZ P O W O I E P S S P O V H E B D E E N B J O U B J O J O T V S G B D F N J O J O H F R V J Q N F O U P O P M B Z P S F M J M W O H N B M B O E T V P V T N J O J O H D V U U J O H B O P O M B Z P S F M J M W O H N B M B O E T C T F U U J O H V Q B O E P Q F S B U J O H Q M B O U P Q F S B U P S (c) operating machinery and using hand or CJOJOH FRVJQNFOU UP SFNPWF QPXF S UPPMT UP SFNPWF B O P E P S I F O P E W F S S P D L U O P S S F M T D P B M B O E P U I F S E F Q P T J U T D P N C J O J O H N J O F S B M P S F T X J
- (d) preparing, tting and installing supports in DJMJUBUF GVSUIFS QSPDFTTJOH VOEFSSHSPVOE XPSLJOHT (f) separating metal and mineral concentrates
- (e) operating machinery to open new shafts, GSPN PSF BOE BMMWJBM EFQPTJU ESJWFT BJS WFOUT BOE SJGMPUBUJPO HSBWJUZ TFQBSBUJF G P Q F S B U J O H B V Y J M J B S Z C N B B O U F U T J M D I B O E Q M N O T U S U P T U B U J D T F Y Q F M B J S X B U F S B O E N W E P C T F S W J O H N F U F S T H B V H F T B O E
- (g) performing minor maintenance and repairs BEKVTUJOH WBMWFT BOE DPOUSPM and lubricating and cleaning plant, machines TBGF BOE F DJFOU PQFSBUJPO PG F BOE UPPMT tecting malfunctions and assisting with plant
- (h) completing records detailing operations BOE NBDIJOF SZ NBJOUFOBODF BOE DPNQMFUFE EVSJOH TIJGUT FYBNJOJOH QSPDFTTFE NBUFSJB
- (i) collecting mineral samples for laboratory with hands to ensure compliance with estab- analysis. lished standards and job speci cations, and DPMMFDUJOH TBNQMFT GPS UFTUJ

Examples of the occupations classi ed here: (i)

- Bogger operator
- Continuous miner operator
- % SBHMJOF PQFSBUPS NJOJOHPSUJOH TUBDLJOH-BOE NPWJOH
- % SJMMFS NJOJOH
- Jumbo operator
- . JOFS
- . JOJOH QMBOU PQFSBUPS
- Quarrier
- Roof bolter (mining)

- recording information about processing DPNQMFUFE EVSJOH TIJGUT TVI
- UZQFT BOE EJNFOTJPOT PG NBUFSJ
- erals and stone for packaging, further pro- cessing or shipping.

Examples of the occupations classi ed here:

- Coal washer
- Crusher operator (mineral or stone processing)
- Flotation worker (mineral processing) (PME QSFDDJQJUBUPS .BDIJOF PQFSBUPS TUPOF DVUUJOC processing)
- JMMJOH NBDIJOF PQFSBUPS NJ

Some related occupations classi ed elsewhere:

- . JOJOH TVQFSWJTPS o
- # MBTUFS o
- 4IPUMSFS o
- % SJMMFS PJM PS HBT XFM M o
- . JOJOH MBCPVSFS o
- 2VBSSZ MBCPVSFS o

Some related occupations classi ed elsewhere:

- Stone cutter (hand or hand-powered UPPMT o 4UPOFNBTPO o
- Stone polisher (hand or hand-powered UPPMT o
- Stone splitter (hand or hand-powered UPPMT o

Unit Group 8112

**Mineral and Stone Processing Plant Operators**

. JOFSBM BOE TUPOF QSPDFTT. BOHJQMBOBSBOPFSBWBSTU TUPOF NPOJUPS BOE PQFSBUF- NBDIJOFESVZLBJPD FRVJQ ment for processing rocks, minerals and stone 4UPOF QPMJTIJOH NBDIJOF PQFSB

Unit Group 8113

Well Drillers and Borers and Related Workers

Well drillers and borers and related workers position, assemble and operate drilling machinery for other purposes.

- (b) assembling and dismantling pipes, casings and drill heads, and replacing dysfunctional machinery
(c) operating controls to lower and raise pipes and casings in and out of wells, regulate pressure in the well and control the speed of
(e) monitoring gauges and other indicators, and unusual well conditions, and determining
(f) maintaining, adjusting, repairing and cleaning

Examples of the occupations classified here:

- Bore sinker
# PSJOH FRVJQNFOU PQFSBUP
% FSSJDLNBO
% FSSJDL PQFSBUPS
% FWFMPQNFOUBM ESJMM
% JSFDUJPOBM ESJMMFS
% SJMMFS PJM PS HBT XFMUJOHT BDDPSEJOHMZ
% SJMMJOH QMBOU PQFSBUPSDPSET
% SJMMJOH SJH PQFSBUPSDPSET JODMVEJOH JOGPNBUJ
Power-tong operator
5PPMQVTIFS
5PVSQVTIFS

Some related occupations classified elsewhere:

- # MBTUFSo
.JOFS o
2VBS SJFS o

Unit Group 8114

Cement, Stone and Other Mineral Products Machine Operators

Cement, stone and other mineral products machine operators monitor and operate machinery for manufacturing and processing precast concrete, bitumen and stone products, and making cast stone for building purposes.

- (b) operating plant to produce cement, lime and clinker, including loading and unloading ingredients and operating continuous feed
(c) operating plant and machinery which weigh
(e) operating plant and machinery which assemble and monitor well conditions and
(f) cutting, grinding, drilling, sandblasting blocks, slabs and products to the specifications
(g) monitoring plant and machines during operation and reporting malfunctions as needed
(h) checking and maintaining production facilities, dimensions and types of materials and machinery maintenance and repair.

Examples of the occupations classified here:

- Cast-concrete products machine operator
Cast-stone products machine operator
Concrete finishing machine operator
Concrete production machine operator
Industrial diamond polishing machine operator
Stone polishing machine operator

Some related occupations classified elsewhere: Note

Stone polisher (hand or hand-powered) & YBNQMFT PG QSPEVDUT QSPEVDFE CZ PQFS  
UPPMT o NBDIJOF TJ UIJT VOJU HSPVQ JODMVEF M  
4UPOF QSPDFTTJOH NBDIJOF POF SBUPS BOE DPOTU  
& YUSVEJOH DMBZ QSFTT POF SBUPS BOE DPOTU  
, JMO PQFSBUPS CSJDL POF SBUPS BOE DPOTU  
stones, concrete bricks and tiles, fencing posts, moulded  
pipe sections and trench liners, concrete railway sleepers,  
walling and partition slabs, building components, cable  
wheels and outdoor furniture.

Minor Group 812

**Metal Processing and Finishing Plant Operators**

. FUBM QSPDFTTJOH BOE mOJTIIJOH QMBOO HMOFF SCWOPSTUJN OQSP  
DPOUSPM NBDIJOF SZ BOE FRVJQNFOU JOH BBOU RDMT IWIFHDPCW  
eral ores and metals.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFOH FNWJOM BOE QSPFOESPOH  
BOE mOJTIIJOH NBDIJOF SZ DPPSEJFOCBUPJGO B BBS UNDO MUBPSS BOTU FU  
NFUBM QSPDFTTJOH QSPEVDUJPO PSENH MGTM ODHJ PVFTS J NPOU PR  
HBVHFT DBSSZJOH PVU SPVUJO FN POF SBUPS BOE DPOTU  
BOE BOBMZTJOH TBNQMF QSPEVDUDUSFO PNH OTH EBUB BOE XS  
ODDVQBUIJPOT JO UIJT NJOPS HSPVQ B.SUF HSPV/TOTTJ mFE JOUP UIF

**8121 Metal Processing Plant Operators**

**8122 Metal Finishing, Plating and Coating Machine Operators**

Unit Group 8121

**Metal Processing Plant Operators**

. FUBM QSPDFTTJOH (d) Analyse sample products, performing tests, operate, adjust and maintain single-function recording data and writing production logs.  
QSPDFTT NBDIJOF SZ BOE FRVJQNFOU UP QSPDFTT  
BOE DPOWFSU NJOF SBM PS Examples of the occupations classified here: MM  
BOE FYUSVEF NFUBMT Ladle pourer

(a) setting up, preparing and adjusting mineral . FUBM IFBU USFBUJOH PQFSBUPS  
ore and metal processing machinery to carry Steel roller  
PVU POF TUFQ JO UIF PWFSBMM NJOF SBM PSF PS

(b) operating single-function machinery to grind, # MBTU GVS O BDF PQFSBUPS o  
TFQBSBUF mMUFS NJY USFBOUS BMT DPOUSPM DSFTD SF PS  
PUIFSXJTF QSPDFTT NFUBM BPOM J O H O N S I M D P O T U S P M P Q F S B  
D PCTFSWJOH HBVHFT- NFU.FFSJTB MD P N O U J C F S N B S D I J O F P Q F S B U P  
PVUT WJEFP NPOJUPST BOE QSPEVDUT UP FOTVSF  
UIF DPSSFDU PQFSBUJPO PG NBDIJOF T BOE WFSJGZ  
TQFDJmFE QSPDFTTJOH DPOEJUJPOT

E BEKVTUJOH FRVJQNFOU Unit Group 8122 QVNQT DPOUSPMT  
BOE QSPDFTT FRVJQNFOU **Metal Finishing, Plating and Coating Machine**

(e) controlling the preparation, measuring and feeding of raw materials and processing  
BHFOU JOUP UIF QMBOU. FUBM GJOJTIIJOH QMBUJOH BC

(f) controlling process start-up and shut-down, troubleshooting and monitoring outside finishes, plates and coats metal articles or parts  
QSPDFTT FRVJQNFOU JO PSEFS UP HJWF UIFN JNQSP



D P S S P T J P O B O E B C S B T J P O G P S P E O F F S B U J O H W B O E V I S P O J U F F S J O H F R V  
 or to impart electrical or magnetic properties. impart a rust-resistant nish to metal articles  
 5 B T L T J O D M V E F o by treating them with chemicals and heating  
 B P Q F S B U J O H B O E N P O J U P S J O H F R V J Q N F O U X I J D I  
 cleans metal articles in preparation for electroplating (e) checking proper thickness of plating using  
 U S P Q M B U J O H H B M W B O J [ J O N J F O B N F M M S J O H D P B M M N J J O M F B S T P S  
 Q S P D F T T F T D P S E J O H E B U B B O E X S J U J O H Q S P  
 (b) operating and monitoring electroplating I Q S F Q B S J O H B O E N J Y J O H N F U B M M  
 F R V J Q N F O U according to formulas or specifications.  
 D P Q F S B U J O H B O E N P O J U P S J O H I P U E J Q F R V J Q N F O U  
 V T F E U P D P B U J S P O B O E E x a m p l e s o f t h e o c c u p a t i o n s c l a s s i e d h e r e :  
 (d) operating and monitoring machines which . F U B M D P B U J O H N B D I J O F P Q F S B U P  
 automatically coat wire with non-ferrous . F U B M m O J T I J O H N B D I J O F P Q F S B  
 N F U B M . F U B M Q M B U J O H N B D I J O F P Q F S B U  
 F P Q F S B U J O H B O E N P O J U P S B M H Q P F M R J T J O N H F O B D M J T O F E P Q F S B  
 to spray molten metal or other substances  
 P O U P N F U B M Q S P E V D U T S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e : W F  
 P S E F D P S B U J W F D P B U J O H P S . U P B M V O N P E V O U X P S O Q I S S P D F T T D P O U  
 E B N B H F E T V S G B D F T 7 F I J D M F Q B J O U F S o

Minor Group 813

**Chemical and Photographic Products Plant and Machine Operators**

Chemical and photographic products plant and machine operators monitor and operate ma-  
 D I J O F T X I J D I Q S P D F T T B W B S J F U Z U P T G U D P I F O N S I D B W D T F B O I B S N I B D S F V O J H  
 U P J M F U S J F T F Y Q M P T J W F T B O E Q D P U T P H S B Q I J D P S P U I F S D I F N J  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M V O F T B O E S B R V O O N B O E X P J O D J U  
 C M F O E N J Y Q B D L B H F B O E P U I F S X M T F O S P S E V D F U T T U R F N J W B M U T I F B O  
 E F T J S F E Q S P Q F S U J F T G P S G V S U I F S m O E T I F L E S Q S M E Q D P E V D J V Q D S W  
 of other workers may be included.

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V B S U F H S P B / T Q T J m F E J O U P U I F

**8131 Chemical Products Plant and Machine Operators**

**8132 Photographic Products Machine Operators**

Unit Group 8131

**Chemical Products Plant and Machine Operators**

(e) making samples and performing routine  
 chemical and physical tests of products and  
 S F D P S E J O H Q S P E V D U J P O E B U B  
 Chemical products plant and machine operators monitor and operate units and machinery machines and plant.  
 U P C M F O E N J Y Q S P D F T T B O E Q B D L B H F B X J E F S B O H F  
 of chemical products. Examples of the occupations classified here:  
 5 B T L T J O D M V E F o Candle production machine operator  
 (a) setting up, starting, controlling, adjusting & Y Q M P T J W F Q S P E V D U T N B D I J O F P O  
 B O E T U P Q Q J O H N B D I J O F T B O E P h a r m a c e u t i c a l a n d t o i l e t r y p r o d u c t s  
 (b) monitoring reaction processes and transfers machine operator  
 of products in conformity with safety pro-  
 D F E V S F T S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
 (c) monitoring meters, gauges and electronic in- \$ I F N J D B M Q S P D F T T J O H Q M B O U D P O  
 strumentation on one or more chemical or Petroleum and natural gas re ning plant  
 G P S N V M B U J P O V O J U T T V D I B T N J Y F S T L F U U M F T  
 blenders, dryers, or tableting, encapsula-  
 U J P O H S B O V M B U J P O B O E D P B U J O H N B D I J O F T  
 (d) measuring, weighing and loading chemical  
 J O H S F E J F O U T G P M M P X J O H G P S N V M B U J P O D B S E T

Unit Group 8132

**Photographic Products Machine Operators**

Photographic products machine operators operate photographic film and paper, and which processes

G P Q F S B U J O H F R V J Q N F O U U P U S B O T  
U B Q F P S P U I F S F M F D U S P O J D N F E J B  
(g) performing photographic processing-related

(b) operating, monitoring and testing photographic

U B T L T  
F S B U F B O E N P O J U P S F R V J Q N F O U P Q X S B U J O H L F B T V Q P N B U J D F R V J Q N F O  
U B C M J T I N F O U T U P E F W F M P Q D P M  
F Y Q P T F E Q I P U P H S B Q I J D m M N P R T S E A N S D E F T Q S J O U T  
5 B T L T J O D M V E F o  
B P Q F S B U J O H B O E N P O E X A M P L E S J O O C C U P A T I O N S C L A S S I F I E D H E R E X I J D I  
N B L F T Q I P U P H S B Q I J D m M N B O E M P B V O S F E F W F M P Q F S m M N

(d) inspecting images, films and prints, and adjusting settings and running automatic

% B S L S P P N U F D I O J D J B O  
% F S V J O M P C O O H F R V D Q J O F O P U Q F S B U P S  
E n a r g i n g m a c h i n e o p e r a t o r  
P h o t o g r a p h i c s t a g e o p e r a t o r  
P h o t o g r a p h i c b i n n a c e s i t e o p e r a t o r

(e) adjusting settings and running automatic

P h o t o g r a p h i c i m p r i n t e r  
P h o t o n a p h i d p r o t e c t o r  
P h o t o p a p e r p r i n t e r  
C S J H I U O F T T  
S t e r e o r e l a t e d o c c u p a t i o n s c l a s s i f i e d e l s e w h e r e:  
1 1 P U P H S B Q I F S o  
1 1 P U P M J U I P H S B Q I F S o

Minor Group 814

**Rubber, Plastic and Paper Products Machine Operators**

Rubber, plastic and paper products machine operators monitor and operate machines which produce sheets of rubber or rubberized fabric, paper, paperboard, cardboard and similar materials.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V C E F T R I Q J D S B I J O D B H E B E C E E N P M B O I  
S V C C F S B O E S V C C F S D P N Q P V O E T B O E Q S S P E F V D D I T W B S B N P O B U D P S N B O M  
B O E T Z O U I F U J D S V C C F S B O E Q M B T I U J O D F T T X P I Q D S B O U S I P O E H B I O E W B B O P I V  
Q B Q F S Q S P E V D U T F Y B N J O J O H P V U Q T V Q U F T D G R S B E U F J C P F O D T U T B C E O E B E D K P V O T  
machine settings accordingly.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B T O T T J m F E J O U P U I F

**8141 Rubber Products Machine Operators**

**8142 Plastic Products Machine Operators**

**8143 Paper Products Machine Operators**

Unit Group 8141

**Rubber Products Machine Operators**

Rubber products machine operators monitor and operate machines which knead and blend rubber and rubber compounds and produce and synthetic rubber, such as moulded footwear, domestic articles, insulating materials, industrial accessories or tyres.

(b) operating and monitoring machines which produce sheets of rubber or rubberized fabric  
C Z B S P M M J O H Q S P D F T T

(a) operating and monitoring machines which

(c) operating and monitoring machines which  
F Y U S V E F D P N Q P V O E F E S V C C F S  
D B O J [ F E S V C C F S C Z N P V M E J O H  
(d) operating and monitoring machines which  
C V J M E V Q U Z S F T P O B G P S N W V M D  
N P V M E P S S F C V J M E V T F E U Z S F T  
F F Y B N J O J O H P V U Q V U T G P S  
G P S N J U Z U P T Q F D J m D B U J P O T

(a) locating defects and repairing worn and faulty

(c) locating defects and repairing worn and faulty  
L O F B E N J Y B O E C M F O U Z S F T C C Z S W B M E B S V C J O H S P S P U I F  
D P N Q P V O E T G P S G V S U I F S Q S P D F T T J O H



O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q B S U F H D S P B / T O T T J m F E J O U P U I F

- 8151 Fibre Preparing, Spinning and Winding Machine Operators**
- 8152 Weaving and Knitting Machine Operators**
- 8153 Sewing Machine Operators**
- 8154 Bleaching, Dyeing and Fabric Cleaning Machine Operators**
- 8155 Fur and Leather Preparing Machine Operators**
- 8156 Shoemaking and Related Machine Operators**
- 8157 Laundry Machine Operators**
- 8159 Textile, Fur and Leather Products Machine Operators Not Elsewhere Classified**

Unit Group 8151

**Fibre Preparing, Spinning and Winding Machine Operators**

such as starch, tallow, resins and soaps with

X B U F S B O E C P J M J O H N J Y U V S F G P S  
J O T U F B N

Fibre preparing, spinning and winding machine operators monitor and operate machines which prepare bres, and spin, double, twist and wind twist two or more strands of yarn to prepare water resistant.

K U S F B U J O H U F Y U J M F T X J U I D I F N J D I  
X B U F S S F T J T U B O U  
(k) cleaning rollers and cylinders of carding machines  
S P M M T P G W B S J P V T - T Q J O O J O H  
U p i n g S m a c h i n e s w i t h S n o w R o o f o r F e a t h e r  
U B T N B L F U I F N T U J B O E

5 B T L T J O D M V E F o

Examples of the occupations classied here:

- (a) operating and monitoring machines for fibre preparing machine operator  
U F B S J O H X P P M M F O S B H T J O
- (b) operating and monitoring machines for cleaning and turning woollen yarn waste into operator  
n V F E X P P M
- (c) operating and monitoring machines which operator  
D P N C J O F U F Y U J M F m C S F T J O
- (d) operating and monitoring machines which operator  
D M F B O B O E n V U F Y U J M F m C S F T U S B O T G P S N U I F N  
J O U P T M J W F S D P N C U I F N J O U P T M J W F S G P S G J S T U  
E S B X J O H D P N C J O F T M J W F S T J O U P T M J W F S M B Q P S  
T M J W F S M B Q T J O U P S J C U I P C O U P S 2

**Weaving and Knitting Machine Operators**

numbers of drawing sets, each set combining

T F W F S B M T M J W F S T J O S J F P B W J O F H P B G O E O F L B S M U Z J Q J H F N B B I N F O F  
weight and thickness as any of the original  
T M J W F S T

- (f) operating and monitoring machines which machines which process yarn or thread into  
T O J O U I S F B E B O E Z B S O a s c o n l a c e P w a r p e s , H i n d u s t r i a l f a b r i c , h o s i e r y  
or more threads onto a bobbin, twist two or more strands of yarn or thread into single  
strands of yarn to increase strength, smooth

O F T T B O E P S V O J G P S N J U Z (a) S e t t i n g S p a n d R o s e r a t i n g E a t z e i s s o f a u t o -  
P S U I S F B E G S P N P O F Q B D m a i l , f i n k t y p e B o t t l i n g m a c h i n e s t o k n i t

- (g) operating and monitoring spinning frames H B S N F O U T P G T Q F D J m F E Q B U U F S C  
U I B U E S B X P V U B O E U X J T (b) S p i n n i n g y a r n , S h r e a m a n d f a b r i c t h r o u g h  
Z B S O guides, needles and rollers of machines for

- (h) operating and monitoring machines for X F B W J O H L O J U U J O H P S P U I F S Q S  
E S B X J O H T M J W F S T S F D F (c) F e e d i n g a u t o m a t i c S l o t s t o d i s t r i b u t e s i m u l t a n e o u s l y  
D I J O F T J O U P M P P T F M Z U X J T X U F F E W T F U S O B J O M F T Z B S O m M M J O H Z B  
J Q S F Q B S J O H T J J O H - G P S m a t e r i a l t o p r o d u c e c a p e t s a n d b u g s w i t h  
J T I J O H D M P U I B O E Z B S O W B S N B V T O D H P M P W I S S F F E E J F F O W H O T

- (d) operating and monitoring looms on which yarn or twist is intersected and knotted for attaching buttons, hooks, zippers, fasteners or other accessories to fabric, using feeding machines (b)   
 SFHVMB S JOUFSWBMT UP G P S O Q M S T I P S D M B N Q I P M E F S T
  - (e) operating and monitoring large automatic multi-needle machines to embroider material (c) tending semiautomatic sewing machines with multiple-sewing heads controlled by pattern   
 P S U P T F X M F O H U I T P G T F W F S B M J O M T B Z L F I S B T U P G N N C S U F F S E J I B S M W B S J P V I N B L F Z B S E H P P E T R V J M U T P S B N B U O S F T T D P W F S J O H T
  - (f) tending circular knitting machines with automatic pattern controls that knit seamless (d) operating machines such as single or double to automatically join, reinforce or decorate   
 I P T F O F F E M F T F S H F S T B O E n B U C F E C
  - (g) operating and monitoring knitting machines (e) operating garment sewing machines to join fur   
 N B U F S J B M P S B S U J D M F T U P L O J U I P T J F S Z U P T I B E
  - (h) operating and monitoring machines for knitting heels and toes of socks into ribs or tops (f) operating stitching machines to sew leather   
 Q F M U T U S J Q T U P S F R V J S F E T J [ F B O Q F M U T J O U P H B S N F O U T F D U J P O T
  - (i) operating and monitoring machines which parts together for leather garments, hand- (g) monitoring machine operations to detect   
 T F B N P Q F O J O H T J O U P F T R C H T P D H L M P W F T P S T J N J M B S J U F N T
  - (j) operating and monitoring crochet machines to knit lace, trimming, etc. of desired pat- (h)   
 U F S O T P S E F T J H O J O U I S F B E P S N B D I J O F N B M G V O D
- L F Y B N J O J O H M P P N T U P I E F U C F S S G O P S N D J B O H F F R P V G Q N F O U N E
- loom stoppage, such as warp lling, harness such as replacing needles.   
 C S F B L T P S N F D I B O J D B M E F G F D U T
- M S F Q B J S J O H P S S F Q M B Examples of the occupations class ed here: O F F   
 E M F T B O E P U I F S D P N Q P O F Embroidery machine operator

(m) cleaning, oiling and lubricating machines, Sewing machine operator   
 using air hoses, cleaning solutions, rags, oil   
 D B O T B O E P S H S F B T F H S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :   
 5 F Y U J M F T I B O E J D S B G U X P S L F S o

Examples of the occupations class ed here: ' V S S J F S o   
 \$ B S Q F U X F B W J O H N B D I J O F 5 B D M B B U O P S   
 Knitting machine operator & N C S P J E F S F S o   
 Net production machine operator 4 F X F S o   
 8 F B W J O H N B D I J O F P Q F S B U P S

Some related occupations class ed elsewhere: Unit Group 8154   
 \$ B S Q F U X F B W F S o **Bleaching, Dyeing and Fabric**   
 \$ M P U I X F B W F S o **Cleaning Machine Operators**   
 , O J U U F S o

Bleaching, dyeing and fabric cleaning machine operators operate and monitor machines that bleach, shrink, dye and otherwise treat bres, yarn or cloth.   
 5 B T L T J O D M V E F o

Unit Group 8153   
 **Sewing Machine Operators**

Sewing machine operators monitor and operate ment to bleach, dye or otherwise process and sewing machines to make, repair, darn and ren- m O J T I G B C S J D Z B S O U I S F B E B O E I   
 P W B U F U F Y U J M F G V S T Z O U I H P P E T P S M F B U I F S H B S N F O U T   
 or embroider ornamental designs on garments C U F O E J O H N B D I J O F T U I B U T I S J O L X   
 P S P U I F S N B U F S J B M T S i d e f f t o p r e d e f r m s b d s i z e o r c t v e l g t h e r C h e P M F   
 making and eyelet holing machines to cut holes, X F B W F C Z J O U F S M P D L J O H U I F m C S F   
 T U J U D I B S P V O E I P M F T T U J U D I C F O U E J P O H T B O V E B S n Y F U Z Z F M G F B V U P N B U   
 to garments. D P N C B O E Q P M J T I G V S T

- (a) operating and tending sewing machines to (d) operating and monitoring machines that   
 perform garment sewing operations such as operating and monitoring machines that im-   
 joining, reinforcing, seaming or decorating Q S F H O B U F U F Y U J M F T X J U I D I F   
 H B S N F O U T P S H B S N F O U Q B S U I F N X B U F S Q S P P G

- (f) dyeing articles to change or restore their color (g) operating and monitoring machines in which hides are split edgewise to form two or more PVST
- (g) operating and monitoring machines that stretch or impart lustre or other type of finish (h) operating and monitoring machines which UP UFYUJMFT USFBU IJEFT BOE TLJOT JO TPMVUS
- (i) operating machines that comb, dry and polish furs, and clean, sterilize and fluff UP MFBUIFS
- (j) keying in processing instructions to produce garments (k) operating and monitoring machines which HSBNNF FMFDUSPOJD FRVJQNFOU BOE DMPUI-FOUFSJOH PS FYJUJOH QSP DFTTFT UP EFUFSNJOF JGEXF
- (l) cleaning machine filters and lubricating FRVJQNFOU

Examples of the occupations classified here: Some related occupations classified elsewhere:

Fabric bleaching machine operator 1FMU ESFTTFS o  
5FYUJMF EZFJOH NBDIJOF 5PBOFOSBSJRS

Some related occupations classified elsewhere:

5FYUJMF QSJOUFS o  
-BVOESZ NBDIJOF PQFS  
)BOE MBVOEFSFS o  
)BOE QSFTTFS o

**Shoemaking and Related Machine Operators**

Shoemaking and related machine operators monitor and operate machines which produce and repair standard or special footwear, handbags and other accessories, mainly made of leather.

5BTLT JODMVEF o

Unit Group 8155

**Fur and Leather Preparing Machine Operators**

Fur and leather preparing machine operators prepare leather or treat fur- or wool-bearing animal hides, pelts or skins to produce leather stock and finished furs.

5BTLT JODMVEF o

- (a) operating and monitoring machines which produce luggage, handbags, belts and other accessories, as well as other items such as saddles, collars or harnesses.

SFNPWF nFTI BOE GBU GSPN IJEFT PS QFMUT UP

DMFBO BOE TPGUFO UIFN

- (b) operating and monitoring machines which produce leather goods

SFNPWF MPOH DPBSTF IBJS GSPN GVS QFMUT USJN

IBJS UP FWFO MFOHS

- (c) operating and monitoring machines to produce leather goods

SFNPWF FQJEFSNJT IBJS SPPUT QJHNFOU DFMMT

BOE MJNF TBMUT GSPN UIF HSBJO TJEF PG TLJO

- (d) operating and monitoring machines to reduce animal hides, pelts or skins to produce leather stock and finished furs.

UIJDLOFTT PG IJEF PS T

- (e) operating and monitoring machines to polish leather

PS SPVHIFO IJEFT PS TLJOT UP TQFDJmFE mOJTIFT

- (f) operating and monitoring machines which clean, press and fabric treatment

TFQBSBUF SFTJEVBM

BOE IBJS GSPN IJEFT

in laundries and dry-cleaning establishments.

- 5 B T L T J O D M V E F o Unit Group 8159
- (a) sorting articles for cleaning according to type, colour, fabric and cleaning treatment S F R V J S F E **Textile, Fur and Leather Products Machine Operators Not Elsewhere Classified**
  - (b) placing sorted articles into receptacles and P O U P D P O W F Z P S C F M U T D M F B O J O H B S F B T D D I F D L J O H B O E S F N P W J O S F Q M B D J O H C V U U P O T B O E S F J F S T B O E F Y U S B D U P S F B E E J O H D M F B O J O H B H F O S O T V D I D B T F T U B T L T X P V M E J O D M D M F B O J O H B O E Q S F T T J O (a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r) (s) (t) (u) (v) (w) (x) (y) (z) (aa) (ab) (ac) (ad) (ae) (af) (ag) (ah) (ai) (aj) (ak) (al) (am) (an) (ao) (ap) (aq) (ar) (as) (at) (au) (av) (aw) (ax) (ay) (az) (ba) (bb) (bc) (bd) (be) (bf) (bg) (bh) (bi) (bj) (bk) (bl) (bm) (bn) (bo) (bp) (bq) (br) (bs) (bt) (bu) (bv) (bw) (bx) (by) (bz) (ca) (cb) (cc) (cd) (ce) (cf) (cg) (ch) (ci) (cj) (ck) (cl) (cm) (cn) (co) (cp) (cq) (cr) (cs) (ct) (cu) (cv) (cw) (cx) (cy) (cz) (da) (db) (dc) (dd) (de) (df) (dg) (dh) (di) (dj) (dk) (dl) (dm) (dn) (do) (dp) (dq) (dr) (ds) (dt) (du) (dv) (dw) (dx) (dy) (dz) (ea) (eb) (ec) (ed) (ee) (ef) (eg) (eh) (ei) (ej) (ek) (el) (em) (en) (eo) (ep) (eq) (er) (es) (et) (eu) (ev) (ew) (ex) (ey) (ez) (fa) (fb) (fc) (fd) (fe) (ff) (fg) (fh) (fi) (fj) (fk) (fl) (fm) (fn) (fo) (fp) (fq) (fr) (fs) (ft) (fu) (fv) (fw) (fx) (fy) (fz) (ga) (gb) (gc) (gd) (ge) (gf) (gg) (gh) (gi) (gj) (gk) (gl) (gm) (gn) (go) (gp) (gq) (gr) (gs) (gt) (gu) (gv) (gw) (gx) (gy) (gz) (ha) (hb) (hc) (hd) (he) (hf) (hg) (hh) (hi) (hj) (hk) (hl) (hm) (hn) (ho) (hp) (hq) (hr) (hs) (ht) (hu) (hv) (hw) (hx) (hy) (hz) (ia) (ib) (ic) (id) (ie) (if) (ig) (ih) (ii) (ij) (ik) (il) (im) (in) (io) (ip) (iq) (ir) (is) (it) (iu) (iv) (iw) (ix) (iy) (iz) (ja) (jb) (jc) (jd) (je) (jf) (jg) (jh) (ji) (jj) (jk) (jl) (jm) (jn) (jo) (jp) (jq) (jr) (js) (jt) (ju) (jv) (jw) (jx) (jy) (jz) (ka) (kb) (kc) (kd) (ke) (kf) (kg) (kh) (ki) (kj) (kk) (kl) (km) (kn) (ko) (kp) (kq) (kr) (ks) (kt) (ku) (kv) (kw) (kx) (ky) (kz) (la) (lb) (lc) (ld) (le) (lf) (lg) (lh) (li) (lj) (lk) (ll) (lm) (ln) (lo) (lp) (lq) (lr) (ls) (lt) (lu) (lv) (lw) (lx) (ly) (lz) (ma) (mb) (mc) (md) (me) (mf) (mg) (mh) (mi) (mj) (mk) (ml) (mn) (mo) (mp) (mq) (mr) (ms) (mt) (mu) (mv) (mw) (mx) (my) (mz) (na) (nb) (nc) (nd) (ne) (nf) (ng) (nh) (ni) (nj) (nk) (nl) (nm) (no) (np) (nq) (nr) (ns) (nt) (nu) (nv) (nw) (nx) (ny) (nz) (oa) (ob) (oc) (od) (oe) (of) (og) (oh) (oi) (oj) (ok) (ol) (om) (on) (oo) (op) (oq) (or) (os) (ot) (ou) (ov) (ow) (ox) (oy) (oz) (pa) (pb) (pc) (pd) (pe) (pf) (pg) (ph) (pi) (pj) (pk) (pl) (pm) (pn) (po) (pp) (pq) (pr) (ps) (pt) (pu) (pv) (pw) (px) (py) (pz) (qa) (qb) (qc) (qd) (qe) (qf) (qg) (qh) (qi) (qj) (qk) (ql) (qm) (qn) (qo) (qp) (qq) (qr) (qs) (qt) (qu) (qv) (qw) (qx) (qy) (qz) (ra) (rb) (rc) (rd) (re) (rf) (rg) (rh) (ri) (rj) (rk) (rl) (rm) (rn) (ro) (rp) (rq) (rr) (rs) (rt) (ru) (rv) (rw) (rx) (ry) (rz) (sa) (sb) (sc) (sd) (se) (sf) (sg) (sh) (si) (sj) (sk) (sl) (sm) (sn) (so) (sp) (sq) (sr) (ss) (st) (su) (sv) (sw) (sx) (sy) (sz) (ta) (tb) (tc) (td) (te) (tf) (tg) (th) (ti) (tj) (tk) (tl) (tm) (tn) (to) (tp) (tq) (tr) (ts) (tt) (tu) (tv) (tw) (tx) (ty) (tz) (ua) (ub) (uc) (ud) (ue) (uf) (ug) (uh) (ui) (uj) (uk) (ul) (um) (un) (uo) (up) (uq) (ur) (us) (ut) (uu) (uv) (uw) (ux) (uy) (uz) (va) (vb) (vc) (vd) (ve) (vf) (vg) (vh) (vi) (vj) (vk) (vl) (vm) (vn) (vo) (vp) (vq) (vr) (vs) (vt) (vu) (vv) (vw) (vx) (vy) (vz) (wa) (wb) (wc) (wd) (we) (wf) (wg) (wh) (wi) (wj) (wk) (wl) (wm) (wn) (wo) (wp) (wq) (wr) (ws) (wt) (wu) (wv) (ww) (wx) (wy) (wz) (xa) (xb) (xc) (xd) (xe) (xf) (xg) (xh) (xi) (xj) (xk) (xl) (xm) (xn) (xo) (xp) (xq) (xr) (xs) (xt) (xu) (xv) (xw) (xx) (xy) (xz) (ya) (yb) (yc) (yd) (ye) (yf) (yg) (yh) (yi) (yj) (yk) (yl) (ym) (yn) (yo) (yp) (yq) (yr) (ys) (yt) (yu) (yv) (yw) (yx) (yy) (yz) (za) (zb) (zc) (zd) (ze) (zf) (zg) (zh) (zi) (zj) (zk) (zl) (zm) (zn) (zo) (zp) (zq) (zr) (zs) (zt) (zu) (zv) (zw) (zx) (zy) (zz)
  - (c) operating and monitoring machines which G P M E D M P U I J O U P N F B T V S F E M F O
  - (d) operating and monitoring machines which % S Z D M F B O J O H N B D I J O F P Q F S B U P S
  - (e) operating and monitoring machines to measure size of pieces of leather. Q B S B U P S Z U P T I J Q Q J O H P S G V S U I F
- Examples of the occupations classified here: (d) operating and monitoring machines which  
Laundry machine operator  
Pressing machine operator (laundry)
- Some related occupations classified elsewhere:  
) B O E M B V O E F S F S o  
) B O E Q S F T T F S o
- Examples of the occupations classified here:  
Braid making machine operator  
Hat making machine operator  
5 F O U N B L J O H N B D I J O F P Q F S B U P S  
5 F Y U J M F Q B U U F S O N B L J O H N B D I J O

**Minor Group 816**  
**Food and Related Products Machine Operators**

Food and related products machine operators set, operate and attend machinery used to T M B V H I U F S B O J N B M T B O E U S J N N F B U F G S I P B U D B S D V T T I F N J Y B O E M U B O E P U I F S X J T F Q S P D F T T G P P E T U V T C F W F S B H F T B O E U P C B

5 B T L T Q F S G P S N F E V T V B M M Z J O D M O E S Z P Q F S B W B O S H T B L O S E B N O P O J B O E T M B V H I U F S B O J N B M T B O E U B P O E J S m T I D D B S J D T B T T F T U J J O W H F S B U J O H B O E B U U F O E J O H N B D I J O F S S X B T O F E Q S V F Q O B T S F U P C S N F J B Y E B O I n P V S D P O G F D U J P O F S Z Q S P E V D U T N B M R U S B O D P O H B O D I G O S S I H S B J O T B O E G S V J U T U P Q S P E V D F Z F O F F B S O X E J O F M B U N F B M O U S P M V B B U U F O E J O H F R V J Q N F O U U P N B L F K E F N N U P S F I B S J O F F T F T Z Q S O D F Q B T U B J D F D S F B N T B V T B H F T D I B D F E M B E Y F U S N J O J - [ F P Q B S B D U O F E N F O U U P D P P M I F B U E S Z S P B T M J [ C F M B G O S D F I F [ Q B F W F B V O S P J \$ B U F T N B R D F O U S B U F G P P E T U V T B O E M J R V Q E V T M Q J F H E J H S J C O P E P D H Q S C N F C B O E T F Q B S B U J O H G P P E T U V T B O E F W J O N J E H T S X O E J J O D I V S O E J O M U F R V J Q N F O U Q S P D F T T J O H U P C B D D P U M F B W D F T H B C S Z T N B B O D E I J O J F Q E J P B C

other tobacco products.

O D D V O B U J P O T J O U I J T N J O P S H S P H Q V Q B S U F H S M P B / T O T J m F E J O U P U I F

**8160 Food and Related Products Machine Operators**

Unit Group 8160

**Food and Related Products Machine Operators**

Food and related products machine operators set, operate and attend machinery used to slaughter animals and trim meat from carcasses, and bake, G S F F [ F I F B U D S V T I N J Y Q S P D F T T G P P E T U V T C F W F S B 5 B T L T J O D M V E F o

- (a) operating and monitoring machinery used to make cigarettes, cigars and pipe and other restrain, stun and slaughter animals and to tobacco products. trim carcasses into standard meat and sh

Examples of the occupations classied here:

- (b) setting, operating and attending machinery BOE P W F O T U P N J Y C B L F Q B S F C S F B E B O E n P V S D P O D P Q F S B U J O H N B D I J O F S Z E V D F C F F S X J O F T N B M U M B O E S F M B U F E Q S P E V D U T E B U U F O E J O H F R V J Q N F O U

Minor Group 817

**Wood Processing and Papermaking Plant Operators**

Wood processing and papermaking plant operators monitor, operate and control machinery UP T B X X P P E D V U W F O F F S N B L F O E Q M Z X P U I E S X Q S P E Q V S D F F O B O S V F wood, pulp and paper for further use.

5 B T L T Q F S G P S N F E V T V B M M Z J O D M V S F U P F Y E F N J F S N Q J H F M T P H [ T F B O E P C U J P O R V B M J U Z B O E P U I F S D I B S B V D U T F S W F U D B S S U Z P R E V W J E I P S C P T O U B V U P N B U F E F R V J Q N F O U U P D P O W F Z M P H F S U N I S O V H U I M B N P S U T D O B S E V D U J W F B O E Q S P m U B C M F D V U U J M H B D Q B U H U M S P O H T T F O S U X I P H E C U J P P O U P D P O W F Z P S T B O E M B U I F T G S P M F C J F S F S D L B O E P Q V O V S P D I F C F S R B O E N P O J U P S J O H T D S F F O J O H F R V J C F S F O U N J C M C H B D U B O H T F R X B Q I N F P B O E P U I F S Q V M Q Q S P D F T T J O H N B D I P J O F S P Z S B N O P E S F F R D V F J M M V O M U P T U F P C D F T T J O H T U F Q T P Q F S B U J O H B O E N I P O Q S I P S F O T H N B D I F J S N F S I Z J O H E F R V J Q N F O U U P E S Z D B M F O E F S M C B N S S B U F F V U D I P B U I F S T M O J B J Q F U S S N U B O E m O J T I J O H Q S P D F T T T U F Q T B O F M S W O O H D B B P S O N F H O B U V M F W F M J O E J D B U P S T B O E P U I F S J F O R F V S Z O B O D U F R J V O Q U N S O N F N O B J M G V O D U J P O T B O E F O T V S F Q S P D F T T T O F O J m E D S B F U D P B O S T S J I P E O I P S V B U J B O H monitoring plywood core-laying machines and hot-plate plywood presses and machines which DVU W F O F F S U S B O T Q P S U J O H Q S P D F T T F E X P P E Q S P E V D U T U P X O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B / T O T T J m F E J O U P U I F

- 8171 Pulp and Papermaking Plant Operators
- 8172 Wood Processing Plant Operators





5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F I F N P M B D P J S O F O S H Z L B J O M E O F R V G V J  
 N F O U V T F E J O U I F N B O V G B D U V S F P T G P H S M B S J D L T F S B O I B D B U J O P H S D N F M V  
 U P B O O F B M I B S E F O P S E F D P S B U F O E I M P B T F S B L O J E O B F T S B B U J D P T O B N S E Z J O  
 F O H J O F T C P J M F S T U V S C J O F T B O C E E B N P Y O M U B S Z O F R M B O N I F O E T R Q J F  
 weigh, pack and label products, or fill containers with products.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B / T O T T J m F E J O U P U I F

**8181 Glass and Ceramics Plant Operators**

**8182 Steam Engine and Boiler Operators**

**8183 Packing, Bottling and Labelling Machine Operators**

**8189 Stationary Plant and Machine Operators Not Elsewhere Classified**

Unit Group 8181

**Glass and Ceramics Plant Operators**

( M B T T B O E D F S B N J D T Q M B O U  
 operate kilns, furnaces and other machinery and  
 F R V J Q N F O U V T F E J O U I F - N B O V  
 S B N J D T Q P S D F M B J O U J M F T  
 machines to anneal, harden or decorate glass  
 and ceramics.

5 B T L T J O D M V E F o  
 (a) operating and monitoring glass-making fur-  
 naces to make glass by melting and fusing

Q S F N J Y F E J O H S F E J F O U T  
 C U F O E J O H I P U P S D P M S J D O E B O T E Q S B M F F R P V J M O E N F F S O O  
 V T F E U P D P B U H M B T T X B S F X J U M B T V S G O B N P X I F E S S E F O F S

(c) operating and maintaining machines that  
 press or blow molten glass into moulds to  
 form or shape containers such as bottles, jars

B O E E S J O L J O H H M B T T F T  
 (d) operating hand presses to mould glass

S F R V J S F E T I B Q F  
 (e) operating drawing kilns to process molten  
 H M B T T J O U P D P O U J O V P V T S t a m f e n g i n e a n d b o i l e r o p e r a t o r s m a i n t a i n a n d  
 G P Q F S B U J O H B O E N P O - J U P Q F S B U N P W B J S O J H P V T M B Z I Q F C S P G T U F B N  
 E V D U J P O Q M B O U T U V S C J O F T B O E B V Y J M J B S Z F R V

(g) operating and maintaining finishing ma-  
 chinery for glass and ceramics

D I J O F T U P H S J O E E S J M M i a l , I n d u s t r i a l a n d M e t a l M a n u f a c t u r i n g U n i t  
 X B T I P S Q P M J T I H M B T T R S H L M B T U F O T S P E O D U B C P B S E T I J Q T  
 (h) setting and operating press machines for  
 N P V M E D F S B N J D B S U J D M F T 5 B S E P N J O P D M V E F M B Z  
 J P Q F S B U J O H N B D I J O F T U (a) o p e r a t i n g m e a n i n g l u b r i c a t i n g a n d u n i -

knead it into a suitable plastic condition or  
 T F N J M J R V J E G P S N G P S N B E R O V H Q D N F F S O B U N J D V D S P E T Q V N Q T D P M  
 V D U T B J S D P O E J U J P O J O H F R V J Q N F O

(j) operating and monitoring kilns which bake  
 Q P U U F S Z Q P S D F M B J O X B S F N B S S O D L W F B T E M U T M P I S T Q O F V N B U J D U

(k) operating and monitoring machines for  
 N B L J O H H M B [ F P S B C S B T J W r i g s , t r o u b l e s h o o t i n g a n d p e r f o r m i n g m i n o r

(l) operating and monitoring machines which  
 F Y U S V E F N P M U F O H M B T T U R B G I R M S N S F m C S F H M B T T m M B  
 N F O U T

N P C T F S W J O H m O J T I F E Q S P E F R V J T Q U P O J E F O P S G Z G T G O N J B O U P Q F S  
 cracks, breaks, colour and other imperfec-  
 tions.

Examples of the occupations classied here:

- Brick kiln operator
- Ceramics painting machine operator
- Substrate operator (glass production)
- Pottery kiln operator

Some related occupations classied elsewhere:

- Brick kiln operator
- Substrate operator (glass production)
- Pottery kiln operator

Unit Group 8182

**Steam Engine and Boiler Operators**

Steam engine and boiler operators maintain and  
 operate steam engines and boilers for power generation  
 in industrial and marine settings.

(a) operating and monitoring steam engines and  
 boilers for power generation in industrial and  
 marine settings

(b) analysing and recording instrument read-  
 ings, troubleshooting and performing minor  
 repairs on steam engines and boilers

(c) monitoring and inspecting performance of  
 steam engines and boilers

(d) ensuring that boiler water, chemicals and fuel  
 levels are maintained

(d) ring coal furnaces by hand or with stokes (e) operating and monitoring machines that II  
 and gas- or oil-fed boilers, using automatic BOE TFBM UVCFT CPUUMFT DBOT  
 HBT GFFET PS PJM QVNQT other containers with products such as food,  
 F UFTUJOH CPJMFS XBUSF RVBMT SBZHFPS BSSJDDHTJOPJ M P SBOE M  
 testing, adjusting and taking necessary (c) - operating and monitoring machines that,  
 SFDUJWF BDUJPO TVDI B T by Using or other methods at products,  
 QSFWFOU DPSSPTJPO BOE Q B S N B M M T E F O P T W B S J P V T D P O U B J O

(f) monitoring ship s engine, machinery and  
 FRVJQNFOU JOEJDBUPST Examples of the occupations classified here:  
 and reporting abnormalities to the ship s en- Bottle ller  
 HJOFFS P DFS PO XBUDI Canning machine operator  
 H PQFSBUJOH BOE NBJOUBJ Labelling Machine Operator M J R V J E  
 QVNQT BOE WBMWFT Packing machine operator  
 Wrapping machine operator

Examples of the occupations classi ed here:

- Boiler tender
- Ships boiler operator
- Stationary engineer
- Steam engine operator
- Stoker

Some related occupations classi ed elsewhere:  
 ) BOE QBDLFS o

Unit Group 8189

Some related occupations classi ed elsewhere:

- 4IJQT FOHJOFFS o
- 4UBUJPOBSZ FOHJOF mUUFS o

**Stationary Plant and Machine Operators**  
**Not Elsewhere Classified**

5IJT VOJU HSPVQ JODMVEFT TUBUJPO  
 chine operators not classi ed elsewhere in Sub-  
 NBKPS (SPVQ 4UBUJPOBSZ 1MBOU  
 OQFSBUPST 5IF HSPVQ JODMV  
 operators of machines which make silicon chips  
 and splice cables and ropes.

Unit Group 8183

**Packing, Bottling and Labelling Machine Operators**

Packing, bottling and labelling machine opera-  
 tors monitor and operate machines which weigh  
 QBDL BOE MBCFM WBSJPVT Containers and vials, plastic  
 containers with products. Silicon chip production machine operator  
 5BTLT JODMVEF o

Examples of the occupations classi ed here:

Cable and rope splicing machine operator F S F O U  
 Silicon chip production machine operator

(a) operating and monitoring machines that

- XFJHI XSBQ TFBM BOE QBDL WBSJPVT QSPEVDUT

Sub-major Group 82

Assemblers

" T T F N C M F S T B T T F N C M F Q S F G B C S J D V B C B E T O N S W T J P T S D O P S N P O E R V O F U C T U I F R V J Q N F O U B D D P S E J O H U P Q S P D F F V D S J F T X T P U S S L J F D E U M Q M B Z J E C E P X D W F G S P N P O F X P S L F S U P U I F O F Y U B M B O S N B T O T D N C M Z M P J T O U F T P D S P W U J P O T J O U I J T T V C N B K P S H S P V Q O S T F R J M S F T M F W J A M M T B U U I F T F 5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E F J T B T T V T F N C B K P S H H S P M Q P V O T F V J O U P W B S J P V T U Z Q F T P G Q S P E V M Z M B E E F R P X J O Q N D S O D F E B S S F W J F X J O H X P S L P S E F S T T Q F D J m D B U S R O T F N B B H S B B M T B O E F I B O E B T T F N C M Z J O T U S V D U J P O T S F D P S E J O H Q S P E V D U J P O P S N E T Q F D U J O H B O E U F T U J O H D P N Q M F U H F E O T P B M P O B F U O J P O T B O E B D J S rejecting faulty assemblies and components.

ODDVQBUIJPOT JO UIJT TVC NBKPS XHUSPHV QN JBSPFS DHMSPVTQJ mFE JOU **821 Assemblers**

Minor Group 821

Assemblers

" T T F N C M F S T B T T F N C M F Q S F G B C S J D V B C B E T O N S W T J P T S D O P S N P O E R V O F U C T U I F R V J Q N F O U B D D P S E J O H U P Q S P D F F V D S J F T X T P U S S L J F D E U M Q M B Z J E C E P X D W F G S P N P O F X P S L F S U P U I F O F Y U B M P O H B T T F N C M Z M J O F T 5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F V T B T U T Z F N C T M J P O G H O D S P N E Q V P O U F O F R V J Q N F O U B D D P S E J O H U P Q S P D H F E X P S S F L T P T S U E S F J S D T U M T Z O I M D B J J m D B R X E J B H S B N T B O E E S B X J O H T U P E F U I Z S N O J T O U F S W N D B U W P S J T B M S T F D O P S F E E Q S P E V D U J P O B O E P Q F S B U J P O B M E B O U E B U P F O T U T J O O F H D J m P F N E Q M P S N E D J P Q P O F O U T B O E B T T F N C M J F T X J S J O U H J O H T G U B B W M M M B U B P D F T N B M E J F D J S O ponents.

ODDVQBUIJPOT JO UIJT NJOPS HSPHV QV BJSF HDSPB/TQTTJ mFE JOUP UIF **8211 Mechanical Machinery Assemblers**  
**8212 Electrical and Electronic Equipment Assemblers**  
**8219 Assemblers Not Elsewhere Classified**

Unit Group 8211

Mechanical Machinery Assemblers

. F D I B O J D B M N B D I J O F S Z B T T F N C M F S T B T T F N C M F B D cording to procedures strictly laid down, com- Examples of the occupations classi ed here: ponent parts of mechanical machinery such as " J S D S B G U B T T F N C M F S FOHJOFT NPUPS WFIJDMFT Bench tter (trucks) U V S C J O F B T T F N C M F S 5 B T L T J O D M V E F o Engine assembler Engine installer ( F B S C P Y B T T F N C M F S NPUPS WFIJDMFT 5VSCJOF BTTFNCFMFS Vehicle assembler

C SFWJFXJOH XPSL PSEFST Some related occupations classified elsewhere: . P U P S W F I J D M F N F D I B O J D o OFFEFE BOE BTTFNCFMZ JOTUSVDUJPO & S M D D U B O N F D I B O J D B M F R V J Q N F O U

(c) recording production and operational data PO TQFDJmFE GPSNT #JDZDMF BTTFNCFMFS o



Sub-major Group 83

Drivers and Mobile Plant Operators

% S J W F S T B O E N P C J M F Q M B O U P O F S B S J P V S F I E S M W F B P O S E E U S F J O N E F U S P B  
B O E N P O J U P S J O E V T U S J B M B O E B H S J P S M F U Y V S D B M F N B D D J L O E S V Z J B F O  
board ship and other water-borne craft. Competent performance in most occupations in this  
T V C N B K P S H S P V Q S F R V J S F T T L J M M T B U U I F T F D P O E \* 4 \$ O  
5 B T L T Q F S G P S N F E C Z X P S L F S T J O M E J T E S G W N U B K H P S B O H E S R U V F O O E V J T C  
U S B J O T B O E N P U P S W F I J D M F T E S M W J C O H E V T P U C S J B M U B O E B H O S E  
U V S B M N B D I J O F S Z B O E F R V J Q N F O U E T D B Q S E Z O O H P U P V F S E X B D W I F S E V C P S F O  
craft.

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T J T m F E J O U

831 Locomotive Engine Drivers and Related Workers

832 Car, Van and Motorcycle Drivers

833 Heavy Truck and Bus Drivers

834 Mobile Plant Operators

835 Ships' Deck Crews and Related Workers

Minor Group 831

Locomotive Engine Drivers and Related Workers

- P D P N P U J W F F O H J O F E S J W F S T B O J E O S I E S M J B W J F O H X P S M I P F D S P T N E S J J W W F F  
U P U S B O T Q P S U Q B T T F O H F S T B O E S G E S I S B H I M X B Z B G S F D H I S H U F S B G O B O I  
S V O T D P O U S P M U I F N P W F N F O U P G T S B T J X M X B Z I U S S P B M D M C Q H P Q U S P B E  
N B L F V Q U S B J O T J O S B J M X B Z Z B S E T J O B N O I D F N T B B I O E V O P U O S U B S J P O M I G F  
N P W F N F O U

5 B T L T Q F S G P S N F E V T V B M M Z J O D M I V S B J M E S B W J F O O H J P O S F B T T P J O T F U S J B  
S B J M X B Z T J H O B M T T X J U D I J O H O S S P B M I M X O Z I Z B U S P E D L N B O L E J O N H B  
U S B J O T J O N J O F T B O E D P O U S P M M J O H U I F J S N P W F N F O U

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B V T O T J m F E J O U P U I F

8311 Locomotive Engine Drivers

8312 Railway Brake, Signal and Switch Operators

Unit Group 8311

Locomotive Engine Drivers

controllers to ensure safe operation and scheduling of trains.

- P D P N P U J W F F O H J O F E S J W F S T B O J E O S I E S M J B W J F O H X P S M I P F D S P T N E S J J W W F F  
E S J W J O H M P D P N P U J W F - F O H J O P D P U N P P W J S M B O E S P W H S Q B T T F O  
gers and freight. . F U S P Q P M J U B O S B J M X B Z E S J W F S  
5 B T L T J O D M V E F o 5 S B J O E S J W F S  
B E S J W J O H P S B T T J T U J O H J O E S J W J O H B T U F B N F M F D  
U S J D P S E J F T F M F M F D U S S O m e M I B D P o n O c c u p a t i o n s F c l a s s e d e t h e r e :  
C E S J W J O H B O V O E F S H S P B N O E S J W S F S F O M F W B U F E Q B T  
T F O H S U S B J O

D E S J W J O H B M P D P N P U J W F U P I B V M D B S S J B H F T V O E F S  
H S P V O E P S P O U I F T V S G B D F P G B N J O F L S R V B S S Z P O F S B U F P O m  
E X B U D I J O H G P S U S B D I B S E T B O E P C T F S W J O H  
T J H O B M T B O E J O E J D B U P S J B W H F T J O D M I V G P S Q B T T F O H F S U S B O T Q P S U B U J P O P  
(e) operating communications systems incorporated in the public roadway are classied in Unit  
communicate with train crews and traffic P V Q # V T B O E 5 S B N % S J W F S T

Unit Group 8312

**Railway Brake, Signal and Switch Operators**

(c) switching and coupling rolling stock in railway yards and sidings in accordance with orders about loading, unloading and make-

Railway brakemen, signallers and shunters take charge of and safeguard railway freight trains by operating signals, switch rolling stock and make up trains in railway yards, and make up trains for hauling in mines and control their air-conditioning and heating systems, brakes and brake hoses prior to train run.

(a) taking charge of and safeguarding freight sections of line by operating signals and

- USBJOT EVSJOH SVOT Braker (railway)
- C DPOUSPMM JOH UIF n PSKunfer (railway)
- TXJUDIFT GSPN DPOUSPM QBOFMT PS TJHOBM CPYFT Signaller (railway)

Minor Group 832

**Car, Van and Motorcycle Drivers**

\$BS WBO BOE NPUPSDZDMF ESJW PSTJ [FEJW S J B Q D MUFTO E DNBPSTP \$S to transport passengers, materials or goods.

5BTLT QFSGPSNFE VTBMMZ JODMVEFN PLSWJ [FHE B S B D U Z D O V E J T O H PS WBOT JO PSEFS UP USBOTQPSU NBUFSJBMT HPPET PS

ODDVQBUJPOT JO UIJT NJOPS HSPH QV B S U F H S P B T O T T J m F E J O U P U I F

**8321 Motorcycle Drivers**

**8322 Car, Taxi and Van Drivers**

Unit Group 8321

**Motorcycle Drivers**

Unit Group 8322

**Car, Taxi and Van Drivers**

. PUPSDZDMF ESJWFST ESSJWFS UBBOE BUFOE W B D P E U S P J S V D S D M \$ J W F B PS NPUPSJ [FE USJDZDMFT F B V O E Q W B O T U R U S U B O T Q P S U N B O B T T F O H F S terials, goods or passengers.

- 5BTLT JODMVEF o B ESJWJOH BOE UFOEJOH QBTTFB
- B ESJWJOH BOE UFOEJOH B MPTU PSDZDMFT PS NPUPS
- BOE QBTTFOHFST C ESJWJOH BOE UFOEJOH DBST

C PCTFSWJOH USB D SVM (E) Tasing passengers with handling of luggage  
D DMFBOJOH BOE XBTIJOH H V H I F J D M F T B T X F M M B T Q F S  
GPSNJOH NBJOUF OBODF BOE ND P M S M S F D U B J O T H G B S F T Q B Z N F O  
E LFFQJOH B SFDPSE PG KPVS D V X I F O U T D F S U J G Z J O H E F M J W F S .  
F EFMJWFSJOH NFTTBHFT F P Q F S B U J O H U F M F D P N N V O J D B U J

Examples of the occupations classified here:

- %JTQBUDI SJEFS G EFUFSNJOJOH NPTU BQQSPQSJBL
- %SJWFS NPUPSJ [FE SJDLHIB B T T J T U J O H Q I Z T J D B M M Z D I B M M F
- %SJWFS NPUPSJ [FE USJDZDMFT P O F F S B U J O H F R V J Q N F O U U P G B D J M
- . PUPSDZDMJTU and unloading of physically challenged passengers.

Some related occupations classified elsewhere:

- %SJWFS QFEBM WFIJDBM Examples of the occupations classified here:
- "NCVMBODF ESJWFS
- \$BS ESJWFS
- 1BSLJOH WBMFU

5BYJ ESJWFS  
7BO ESJWFS

#VT ESJWFS o  
)FBWZ USVDL ESJWFS o  
1FEBM WFIJDMF ESJWFS o  
3JDLTIBX QVMMFS o

Some related occupations classied elsewhere:

%SJWFS NPUPSJ[FE SJDLTIBX JNB M ESBXO WFIJDMF ESJWFS

Minor Group 833  
**Heavy Truck and Bus Drivers**

)FBWZ USVDL BOE CVT ESJWFST EBJWCFV BOTE RJFOTEU \$FBWZUS\$WDDI  
USBOTQPSU HPPET MJRVJET IFBWZ NBUFSJBMT NBJM PS QB  
5BTLT QFSGPSNFE VTVBMMZ JODLNVVFPSE SJFTW JCVHTFBTOESUTFLC  
USBNDBST JO PSEFS UP USBOTQ NSBUJ MH PPSQ TO B MTJFROVHJ EST IFBW  
ODDVQBUIJPOT JO UIJT NJOPS HSPHVQ BLSF H\$PBTOTTJ mFE JOUP UIF

- 8331 Bus and Tram Drivers
- 8332 Heavy Truck and Lorry Drivers

Unit Group 8331  
**Bus and Tram Drivers**

Unit Group 8332  
**Heavy Truck and Lorry Drivers**

#VT BOE USBN ESJWFST ESJWIFBWOZ USVDL CVTOTE RJPSTUSSEJWFSST  
trams to transport passengers, mail or goods. FBWZ NPUPS WFIJDMFT UP USBOTQP  
5BTLT JODMVEF o BOE IFBWZ NBUFSJBMT PWFS TIPSU P  
B ESJWJOH BOE UFOEJJOH BIFB  
buses or motor coaches to transport local cB ESJWJOH BOE UFOEJOH B IFB  
MPOH EJTUBODF QBTTFOHF Such as a lorry with or without trailer or a  
C ESJWJOH BOE UFOEJOH ENSIQF USVDL N DUBPS TU SUBSOTQPSU HPPET  
QPSUJOH QBTTFOHFST IFBWZ NBUFSJBMT PWFS TIPSU PS I  
(c) opening and closing doors before or after C EFUFNSJOJOH UIF NPTU BQQSQ  
QBTTFOHFST CPBSE PS C) Mensuring that goods are stowed and securely  
E BTTJTUJOH QBTTFOHFST XDJPWMSV H HPH FQSFWFOU MPTT BOE E  
F DPOUSPMMJOH MJHI (d) assisting with loading or unloading of lorry-M BUJPO  
PO CVTFT BOE USBNT MPBEJOH PQFSBUJPOT VTJOH WBS  
G PCTFSWJOH USB D UP FOUVSQJTBHG E FQMSPHFSTTT  
H DPMMFDUJOH GBSFT FS WFSJZGZJHO RVUIBJO QSB NBJO HFSB C  
IBWF UIF OFDFTTBSZ UJD laid Arranging major maintenance and re-  
QBJST

Examples of the occupations classied here:

#VT ESJWFS  
.PUPS DPBDI ESJWFS  
5SBN ESJWFS

(f) estimating weights to comply with load limitations, and ensuring the safe distribution of weights.

Examples of the occupations classied here:  
\$PODSFUF NJYFS ESJWFS  
(BSCBHF USVDL ESJWFS  
)FBWZ USVDL ESJWFS  
3PBE USBJO ESJWFS

Some related occupations classied elsewhere:

7BO ESJWFS o



Minor Group 834  
**Mobile Plant Operators**

. P C J M F Q M B O U P Q F S B U P S T E S J W F Q V B O P T P O N F P S U B P U S F J B F C E E N N B P D O I J J O P F  
P S F R V J Q N F O U V T F E G P S D M F B S J O H H P S E Q T S C Q B B S E J J O H H M F B S B I E  
B O E T J N J M B S N B U F S J B M T B O E M J G U J O H P S N P W J O H I F B W Z  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F P S P F O F B S B J U J H P O B O B E Q P T U  
T O F F E I F J H I U B O E E F Q U I P G J N C O J M I F N Q E M B O U E B S Q W S J B O U H O B H  
U B D I N F O U T U P M J G U T X J O H B O E F S S F I M F B M T E B S K I F T D U M P H S T N I B B U S  
operating and monitoring lifting trucks and stationary or mobile cranes in construction, trans-  
Q P S U B U J P O B O E T U P S B H F P Q F S B U J P O J T O H T N S W B S J S H Q B B S D T J O F S Z  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B / T O T T J m F E J O U P U I F

- 8341 Mobile Farm and Forestry Plant Operators**
- 8342 Earthmoving and Related Plant Operators**
- 8343 Crane, Hoist and Related Plant Operators**
- 8344 Lifting Truck Operators**

Unit Group 8341  
**Mobile Farm and Forestry Plant Operators**

Some related occupations classied elsewhere:  
# V M M E P [ F S P Q F S B U P S o

. P C J M F G B S N B O E G P S F T U S Z Q M B O U P Q F S B U P S T E S J W F  
tend, operate and monitor one or more types of  
special-purpose motorized mobile machinery Unit Group 8342  
F R V J Q N F O U V T F E J O B H S J D E A R T H M O V I N G A N D R E L A T E D P L A N T O P E R A T O R S V S B M B O E  
forestry operations.

- 5 B T L T J O D M V E F o & B S U I N P W J O H B O E S F M B U F E Q M B O U  
B E S J W J O H B O E U F O E F S B U F U S B D I U P S T E U S P B X O D P V S B U F F M I G S B E  
propelled special-purpose farm machinery and compact earth or similar materials.
- Q M P V H I M B O E B O E T P X G E S B U J M J J O D M W E M F U W B U F B O E  
I B S W F T U D S P Q T B P Q F S B U J O H B O E - N P O J U P S J O  
C E S J W J O H B O E U F O E J O H D S B O F U P S E S B X O Q P S X M I G N P W F B C I  
propelled special-purpose forestry machinery H S B C C V D L F U T P S E S B H M J O F C V D L F U  
U P D M F B S M B O E Q M B O U B B O S E W N P W F B O B S D B S S Z P D L S F F B O E H S B  
and timber or perform other forestry oper- N B U F S J B M T  
B U J P O T (b) operating and monitoring machinery for dig-  
D Q S F Q B S J O H B O E Q P T J U J P Q u i n g t h e n e c k s f o r s e w e r s , s t r a g e s w a t e r , r i o  
(d) adjusting speed, height and depth of imple- H B T P S T J N J M B S Q J Q F M J O F T  
N F O U T (c) operating and monitoring machinery  
F P Q F S B U J O H Q M B O U U P I P M R E V J O Q I G E X B O U E I D P O D U B S W F T T U F F M C M  
(f) operating attachments to lift, swing, release E J T U S J C V U F B O E M F W F M F B S U  
B O E T P S U U S F F T B O E - M P H P U I B S E N P U O F F S S J B W J T O H B V Y J M  
iary plant such as chipping machines and log E P Q F S B U J O H B O E N P O J U P S J O H  
T Q M J U U J O H N B D I J O F T S F N P W F T B O E H S B W F M B O E N V E C  
(g) feeding felled trees into processors to strip P G C P E Z P G X B U F S  
limbs and cut into logs and loading logs on (e) operating and monitoring machines for ham-  
T U P D L Q J M F T B O E J O U P U S m e r i n g t w o o d e n , c o n c r e t e o r s t e e l p i l e s i n t o  
I T F S W J D J O H N B D I J O F S Z B O H S P O V F O S E G P S N J O H N J O P S  
repairs. (f) operating and monitoring power rollers to  
compact and smooth layers of materials in  
N B L J O H S P B E T B O E Q B W F N F O U T  
X P S L

Examples of the occupations classied here:

- ) B S W F T U F S P Q F S B U P S
- Logging plant operator (g) operating and monitoring machines which
- 5 J N C F S D B S S J F S E S J W F S spread and smooth concrete or bituminous
- 5 S B D U P S E S J W F S or tar preparations to construct roadways,
- 5 S F F G B M M F S P Q F S B U P S roads or similar surfaces.

Examples of the occupations classified here: Examples of the occupations classified here:  
 Bulldozer operator & Y D B W B U P S P Q F S B U P S Cable car operator  
 Front-end loader operator 1 J M F E S J W F S P Q F S B U P S Chair-lift operator  
 Road-roller operator ' V O J D V M B S E S J W F S Crane operator  
 Road surface laying machine operator . J O F D B H F P Q F S B U P S Hoist operator  
 Snow-groomer operator Ski-lift operator

Unit Group 8343

**Crane, Hoist and Related Plant Operators**

Unit Group 8344

**Lifting Truck Operators**

Crane, hoist and related plant operators monitor and operate stationary and mobile cranes and transport, lift and stack pallets with goods.

- (a) operating and monitoring stationary and mobile cranes by raising and lowering jibs
- (b) operating and monitoring lifting truck and mobile cranes by raising and lowering jibs
- (c) operating and monitoring ski-lifts and securing material or products for transport
- (d) operating and monitoring machinery used to haul ferries or barges with goods, passengers
- (e) operating and monitoring machinery to open and close bridges for the passage of road traffic
- (f) keeping records of work undertaken and with dredging attachments to dredge waterways
- (g) operating cranes mounted on boats or barges

Minor Group 835

**Ships' Deck Crews and Related Workers**

Ships' deck crews and related workers carry out deck duties on board ships and similar duties on board other water-borne craft.

out, rigging and stowing cargo-handling gear, stationary rigging and running gear.

Example of the occupations classified here:

**8350 Ships' Deck Crews and Related Workers**

Unit Group 8350

**Ships' Deck Crews and Related Workers**

(e) performing deck and hull cleaning, scraping, painting and other maintenance duties as required.

Ships' deck crews and related workers carry out deck duties on board ships and similar duties on board other water-borne craft.

5 B T L T J O D M V E F o

(a) standing look-out watches at sea and when in port. Examples of the occupations classified here:

F O U F S J O H P S M F B W J O H I B S O B A T S W A I P S P U I F S O B S S P X  
X B U F S T Ferry hand

C T U F F S J O H T I J Q T B D D P S E S A D H U P J O T U S V D U J P O T

(c) handling ropes and wires, and operating 5 V H I B O E

N P P S J O H F R V J Q N F O U

(d) maintaining and, in some cases, operating

T I J Q T F R V J Q N F O U D B S H P H F B S S J H H J O H B O E  
M J G F T B W J O H B O E m S F m H I U J O H B Q Q M J B O D F T

Ma~or Group 9

**ELEMENTARY OCCUPATIONS**

& M F N F O U B S Z P D D V Q B U J P O T J O W R M J O F W B F T L C F S I G I D S N N B Q D S F  
R V J S F U I F V T F P G I B O E I F M E U P P M T . B O E D D O V Q E B F U S J P C O M F J Q I Z  
N B K P S H S P V Q S F R V J S F T L J M M T B U U I F m S T U \* 4 \$ O T L J M M M F V  
5 B T L T Q F S G P S N F E C Z X P S L F S T J O D M W E F F N F O M B S Q J O E D V S O B U P D  
supplies and performing basic maintenance in apartments, houses, kitchens, hotels, o ces  
B O E P U I F S C V J M E J O H T X B T I J O H D I B S T B O E X O J O S E O R S N J O M I Q J O N  
U B T L T J O G P P E Q S F Q B S B U J P O E F O M H W W F S H O B H N F F T B O B E H A B O P E S M H O P H  
H B H F B O E G S F J H I U T U P D L J O H W J F O O H E J N C F H F S B D D J P O M F M F D S J  
B O E T P S U J O H S F G V T F T X F F Q J O H O T H U S V F B F S U J T P V B T O E T J T N J O N M M B G S B S  
m T I J O H I V O U J O H P S U S B Q Q J O H U F B T U L F T E X O J F U S I G R S O J O H T D R O T M F  
U J P O B O E N B O V G B D U V S J O H J O D M V O Q B D L Q S R E Q S R I E V D S U C Z H B O C E  
B O E m M M J O H T I F M W F T Q S P W J E J O H S W I B S O J E P V H T V J T E W S O H F U W F F J S D M W H  
U S B O T Q P S U Q B T T F O H F S T B O E H P P E T N B D S J O W E S Z H B O V Q N F S M J E T S I B O  
other workers may be included.

O D D V Q B U J P O T J O U I J T N B K P S H S P V Q V B C S A N E K M P S T H S R F Q T J O U P U I F

- 91 Cleaners and Helpers**
- 92 Agricultural, Forestry and Fishery Labourers**
- 93 Labourers in Mining, Construction, Manufacturing and Transport**
- 94 Food Preparation Assistants**
- 95 Street and Related Sales and Services Workers**
- 96 Refuse Workers and Other Elementary Workers**

Sub-ma-or Group 91  
**Cleaners and Helpers**

\$ M F B O F S T B O E I F M Q F S T Q F S G P S T N M P B S M P T V T P U D B F T T L T I B T O Q D U S I  
B O E P U I F S F T U B C M J T I N F O U T B T F X F M U M S B N T J B O B E J S T D J S N B G M B S U S V B  
J O P S E F S U P L F F Q U I F J O U F S J P S E B O E T m Y H U B V S S N F T O D M F B B O E U B F O  
C Z I B O E . P T U P D D V Q B U J P O T J O U T J B U T W Q F N B K S P T S U H \* S P S V O Q T S L F J R W V  
5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E F T T X E F K B B P S P H S S W A B O W T N  
D M F B O J O H X B T I J O H B O E Q P M J T I J D U H T n P U P S L T J O B V I S B S E J V P S G N O E F  
C F E N B L J O H I F M Q J O H X J U I Q S F Q B S J E D U F P O P X G B N F J B O M H T B E C O E D D M F F B B O  
D B S T B O E X J O E P X T Q S F T T J O H P C S Z M B V O E F S J O H H B S N F O U T  
O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S B T V T Q J T m F E J O U

- 911 Domestic, Hotel and Office Cleaners and Helpers
- 912 Vehicle, Window, Laundry and Other Hand Cleaning Workers

Minor Group 911  
**Domestic, Hotel and Office Cleaners and Helpers**

% P N F T U J D I P U F M B O E P D F D M F B O B F O S T X B B O T E I Q M Q M S T T U X B E I Q D B  
P G I P V T F I P M E M J O F O B O E Q V S D I B T F W B S J T I P I P T M E J B T V I Q T O M O F T P S B E  
L F F Q D M F B O B O E U J E Z U I F J O U F S B I B S T P B O F E S m Y U V S S M T J T I G N F I O U F I  
X F M M B T P G B J S D S B G U U S B J O T C V T F T B O E T J N J M B S W F I J  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V B E T H J O T X F B O E J C O H P M S T W B D H V M N P S  
G V S O J U V S F B O E P U I F S P C K F D U I T N F J O U T I P U N B M J O H P C D E F T B O C  
Q M Z J O H U P X F M T T P B Q B O E S F M B C J F N E F B M F N B T O E I X N Q I J J O H H X J U I  
cleaning, disinfecting and deodorizing kitchens, bathrooms and toilets.

- 9111 Domestic Cleaners and Helpers
- 9112 Cleaners and Helpers in Offices, Hotels and Other Establishments

Unit Group 9111  
**Domestic Cleaners and Helpers**

Examples of the occupations classied here:  
Charworker (domestic)  
% P N F T U J D D M F B O F S

% P N F T U J D D M F B O F S T B O E I F M Q P N S F T T U T J X F F I Q M Q V B S D V V N  
clean, wash and polish, take care of household  
linen, purchase household supplies, prepare

Some related occupations classied elsewhere:  
% P N F W B S D P V P V T U I L F F S F O P S o  
) P U F M D M F B O F S o  
) B O E M B V O E F S F S o

GPPE TFSWF NFBMT BOE- QFSG  
mestic duties.

5 B T L T J O D M V E F o  
B T X F F Q J O H W B D V V N D M F B O U S H F U Q T P M F J T O I B S H o B O E  
washing floors and furniture, or washing  
X J O E P X T B O E P U I F S m Y U V S F T

(b) washing, ironing and mending linen and  
P U I F S U F Y U J M F T

Unit Group 9112  
**Cleaners and Helpers in Offices, Hotels  
and Other Establishments**

D X B T I J O H E J T I F T  
(d) helping with preparation, cooking and  
T F S W J O H P G N F B M T B O E S F G S F T I N F O U T  
F Q V S D I B T J O H G P P E B O E T U B C M J T I N F O U T Q F S G P S N W B S J P V T D  
I P M E T V Q Q M J F T F T U B C M J T I N F O U T Q F S G P S N W B S J P V T D

(f) cleaning, disinfecting and deodorizing  
L J U D I F O T C B U I S P P N T B O E T U R S O F H M S J O T C E S a n d o t h e r e s t a b l i s h m e n t s , a s

(g) cleaning windows and other glass surfaces  
X F M M B T P G B J S D S B G U U S B J O T C V T F T B

- 5 B T L T J O D M V E F o Hotel cleaner  
 B T X F F Q J O H W B D V V N D M F B O E H P S X B B U J J F H E B O E  
 Q P M J T I J O H n P P S T G V S O J U U C e c l e a n e r P U I F S m Y U V S F T  
 in buildings, coaches, buses, trams, trains  
 B O E B J S D S B G U Some related occupations classied elsewhere:  
 (b) making beds, cleaning bathrooms and sup- % P N F T U J D I P V T F L F F Q F S o  
 Q M Z J O H U P X F M T T P B Q B O E \$ V M B E J F H J U D F N S T F U B L F S o  
 (c) cleaning kitchens and generally helping with % P N F T U J D D M F B O F S o  
 L J U D I F O X P S L J O D M V E J O H E % J T X B B T J O S o  
 (d) picking up rubbish, emptying garbage con- , J U D I F O I F M Q F S o  
 tainers and taking contents to waste areas for 4 U S F F U T X F F Q F S o  
 S F N P W B M

Note

Examples of the occupations classied here:

" J S D S B G U D M F B O F S

Workers who perform cleaning and helping tasks only in  
 kitchens and other food preparation areas are classied  
 J O 6 O J U ( S P V Q , J U D I F O ) F M Q F S T

Minor Group 912

**Vehicle, Window, Laundry and Other Hand Cleaning Workers**

Vehicle, window, laundry and other hand cleaning workers clean windows, showcases or other  
 T V S G B D F T P G C V J M E J O H T P S W F F J D M M T J O B O E B O S E F P T U I F S B V D E U \$ M P F S T  
 5 B T L T Q F S G P S N F E V T V B M M Z J O D M V B S T D X B F T B O Q H X J C E B P T X I T J O P  
 P U I F S H M B T T T V S G B D F T X J U I X B U H S B O S W B S J J F V J T O # P M I V U N J P M T B  
 dering and pressing linen, clothing, fabrics and similar articles by hand in a laundry or in  
 P U I F S F T U B C M J T I N F O U T D M F B O J O P H O C Z D M B O L E I J B O C H E X G B U C S D I D F T N J M I  
 goods and similar articles in dry-cleaning or other establishments.

O D D V Q B U J P O T J O U I J T N J O P S H S P H Q V B S U F H S M P B / T O T T J m F E J O U P U I F

- 9121 Hand Launderers and Pressers**
- 9122 Vehicle Cleaners**
- 9123 Window Cleaners**
- 9129 Other Cleaning Workers**

Unit Group 9121

**Hand Launderers and Pressers**

Hand presser  
 Ironer

Hand launderers and pressers launder, pressSome related occupations classied elsewhere:  
 E S Z D M F B O H B S N F O U T M J O F O % S Z E D M B F O S J Q J F Y N B I M B O F C P Q F S B U P  
 hand. - B V O E S Z N B D I J O F P Q F S B U P S o

5 B T L T J O D M V E F o 1 S F T T J O H N B D I J O F P Q F S B U P S M B V

- (a) laundering and pressing linen, clothing, fabrics and similar articles by hand in a laundry  
 P S P U I F S F T U B C M J T I N F O U

(b) cleaning, by hand and with chemical solutions, clothing, fabrics, leather goods and similar articles, in a dry-cleaning or other

**Unit Group 9122**

**Vehicle Cleaners**

FTUBBCMJTINFOU 7FIJDMF DMFBOFST XBTI DMFBO B O  
 D S F Q M B D J O H C V U U P O T B S E P N B B O C H J N J O F S S J P S S F Q P G J S W F I J D M F T  
 E Q M B D J O H B S U J D M F T - P O 5 B F M T W F O D M O V E F I B O H J O H B S U  
 J D M F T G P S E F M J W F S Z B O (a) D e a n i n g , w a s h i n g a n d p o l i s h i n g c a r s a n d

Examples of the occupations classied here:

% S Z D M F B O F S I B O E  
 Hand launderer

Q P X F S U P P M T  
 C W B D V V N J O H W F I J D M F J O U F S J P S T  
 D B S Q F U T B O E V Q I P M T U F S Z

D BQQMZJOH DMFBOJ... Unit Group 9129... Other Cleaning Workers

(d) washing tyres and wheel arches and black-

FOJOH UZSFT 5IJT VOJU HSPVQ JODMVEFT DMFBO

F XBTIJOH BOE QPMJTIJ... -5IF HSPVQ

G FNQUZJOH BOE DM-F... objects such as carpets, walls, swimming pools and cooling towers, using specialized cleaning

Examples of the occupations classified here:

Car detailer

Vehicle washer (hand)

FRVJQNFOU BOE DIFNJDBMT

\* O TVDI JOTUBODFT UBTLT XPVME J

(a) cleaning carpets and upholstered furniture using cleaning machines and their attach-

NFOU (b) selecting and applying cleaning agents to SFNPWF TUBJOT GSPN DBSQFUT

(c) treating carpets with soil-repellent chemicals BOE EFPEPSBOUT BOE USFBUJOH

Unit Group 9123

Window Cleaners

Window cleaners wash and polish windows and other glass fittings.

5BTLT JODMVEF o

(a) washing windows or other glass surfaces (e) applying chemicals and high-pressure XJUI XBUFS PS WBSJPVT TPDW E BPOJTO HB ONF H S Z ECH UP SFNPWF

BOE QPMJTIJOH UIFN JTNT GSPN XBUFS BOE m MUSBUJPO (b) using ladders, swinging scaffolds, bosuns VTJOH XFU WBDVVNT- BOE PUIFS

chairs, hydraulic bucket trucks and other NFOU UP SFNPWF TDBMF BDDVNVN FRVJQNFOU UP SFBDI Other deposits from swimming pools, cooling

NVMUJTUPSFZ CVJMEJOHT tower components and drains. (c) selecting appropriate cleaning or polishing implements.

Example of the occupations classified here:

Window cleaner

Examples of the occupations classified here:

Carpet cleaner

Cooling tower cleaner

(S B U J D M F B O F S

Swimming pool cleaner

Water blaster

Sub-major Group 92

**Agricultural, Forestry and Fishery Labourers**

"HSJDVMUVSBM GPSFTUSZ BOE m TIFVSLZJ QMFB QFBVSLFS JOQ B SFG POSSNP ET  
UJPO PG DSPQT BOE MJWFTUPDL E D V M U B V B U Q B S L B T O E F N B J M D R J U  
BOE DPOTFSWBUJPO PG GPSFTUTFS JEFTEP Q P S E W J D P L O T P G . P B T R V B  
D V Q B U J P O T J O U I J T T V C N B K P S H S P V Q J S F N V M S F W F I M J M M T B U U I  
5 B T L T Q F S G P S N F E C Z X P S L F S T J V C E F U I E J H H V O H N B S K B P L S J O H S B V  
T I P W F M M J O H V T J O H I B O E U P P M T Q Q M P B E T J O K S P V E O M D P B E O O H P B I C F E S  
U F S J B M T X B U F S J O H U I J O O J O H P S F V E J J O H I B C O E W P O E M J T O H Q D M S P O  
I B S W F T U J O H Q J D L J O H B O E D P M M E D S J C O H H Q B S O P E V D I M F C B Z O J B O C H E B C  
B O E L F F Q J O H U I F J S R V B S U F S T D M S B O O H N P O J W P S J S H D M O W F U J P O  
Q B S J O H B O E P Q F S B U J O H O F U T M J D Q F F R B O O N F F L O I F S H M S T E E O H U B T D P L S M  
C V O D I J O H B O E Q B D L J O H Q S P E V D F J S E U Q B D S T O U P B O J O n f S U V S O F F T S G E S N  
J O H T F R V J Q N F O U W F T T F M T B O E G F O D F T  
O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T O T J m F E J O U

**921 Agricultural, Forestry and Fishery Labourers**

Minor Group 921

**Agricultural, Forestry and Fishery Labourers**

"HSJDVMUVSBM GPSFTUSZ BOE m TIFVSLZJ QMFB QFBVSLFS JOQ B SFG POSSNP ET  
UJPO PG DSPQT BOE MJWFTUPDL E D V M U B V B U Q B S L B T O E F N B J M D R J U  
BOE DPOTFSWBUJPO PG GPSFTUTFS B O T E P O P F O S E B W D J O P T G B R V B D V  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E F J O E H H I H J O E H U S P E L M O H N O B  
V O M P B E J O H B O E T U B D L J O H T V Q O B M J F S J O H O S B E J M O D O F J O H O E X F U E F  
B O E U F O E J O H D S P Q T C Z I B O E P S V T J O C H H I C B J O E L J L O P H N O E O M P B I O M J F  
Q S P E V D F C Z I B O E G F F E J O H X B U F S O J J O C H H B U I E J S M R F V B O S J O H S T B O J M I E  
N P O J U P S J O H M J W F T U P D L B O E S H Q B P O S E U P O H S B O J O H H F O S U D P O M E  
B O E P U I F S m T I J O H U B D L M F B O E E F V D O L D I F J R O M U O B N O F E Q W B I H S J B O E H J O H S P  
E V D F J O U P D P O U B J O F S T Q F S G P E S J N O H O H F N R J V O E S I F S E U Q B M I S T T F  
and fences.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H D S P B V T O T T J m F E J O U P U I F

- 9211 Crop Farm Labourers**
- 9212 Livestock Farm Labourers**
- 9213 Mixed Crop and Livestock Farm Labourers**
- 9214 Garden and Horticultural Labourers**
- 9215 Forestry Labourers**
- 9216 Fishery and Aquaculture Labourers**

Note

Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually  
V O E F S U I F E J S F D U J P O P G P U I F S J U B S P V O D M J B O T T J O P S Q S P V O F S F M F H S B O V M U O  
Forestry and Fishery Labourers. Workers in an agricultural setting whose main tasks are fetching water  
B O E H B U I F S J O H m S F X P P E B S F D M B T O T B m B S F X O P P E O J S U P N S M P V O U P S T 8 B U F S B



Unit Group 9211

Crop Farm Labourers

Crop farm labourers perform simple and routine tasks on farms in the production of crops such as...

H D P M M F D U J O H F H H T B O E Q M B D J O (h) raking, pitching, stacking and storing hay, straw BOE PUIFS UZQFT PG BOJNB M GFFE B

(b) loading and unloading supplies, produce and...

Example of the occupations classied here: - J W F T U P D L G B S N M B C P V S F S

(c) raking, pitching and stacking straw, hay and...

Some related occupations classied elsewhere: T J N J M B S N B U F S J B M T % S P W F S o

(d) watering, thinning and weeding crops by...

4 I F Q I F S E o I B O E P S V T J O H I B O E U P P M T 4 L J M M F E G B S N X P S L F S M J W F T U P

(g) grading, sorting, bunching and packing pro-

E V D F J O U P D P O U B J O F S T I Q F S G P S N J O H N J O P S - S

Unit Group 9211

Mixed Crop and Livestock Farm Labourers

Examples of the occupations classied here: Cane planter Fruit picker Rice farm labourer Vegetable picker

J Y F E D S P Q B O E M J W F T U P D L G B form simple and routine tasks in farm produc- tion of both crops and animals.

Some related occupations classied elsewhere: (b) loading and unloading supplies, produce and...

(b) loading and unloading supplies, produce and 4 L J M M F E G B S N X P S L F S P U I F S N B U F S J B M T

Unit Group 9212

Livestock Farm Labourers

routine tasks in the farm production of animals, including poultry and insects.

(g) feeding, watering and cleaning animals and L F F Q J O H U I F J S R V B S U F S T D M F B O

(b) loading and unloading supplies, produce and...

J B T T J T U J O H X J U I - I F S E J O H S B U J O H M J W F T U P D L G P S N J M L J O

(c) feeding, watering and cleaning animals and...

(j) grading, sorting, bunching and packing pro- E V D F J O U P D P O U B J O F S T

(e) assisting with maintaining the health and...

L Q F S G P S N J O H N J O P S - S F Q B J S T P L F F Q J O H U I F J S R V B S U F S T D M F B O

Some related occupations classied elsewhere: X F M G B S F P G M J W F T U P D L

Example of the occupations classied here: U I F J S Farm labourer

Unit Group 9214

**Garden and Horticultural Labourers**

( B S E F O B O E I P S U J D V M (f) simple and routine tasks in operations to culti-hand-held machine saws to fell trees and cut  
 W B U F B O E N B J O U B J O U S F F T T I S V C T M F E X U S T F B O E B P U E I F S S B O D I F T J O  
 Q M B O U T J O Q B S L T B O E Q S J W B U D P H M S E D O J O H U P T F O F S E P T E B D F E Q M B O U  
 T B Q M J O H T C V M C T B O E T F (f) performing minor repairs and maintenance  
 B O E n P X F S T C Z J O U F O T J W F D o f m e t e r s W a d s P o u l d i n g s I n f a c i l i e s a n d  
 5 B T L T J O D M V E F o F R V J Q N F O U

B M P B E J O H V O M P B E J O H B O E N P W J O H T V Q Q M J F T  
 Q S P E V D F B O E F R V J Q N F O U Examples of the occupations classied here:  
 (b) preparing garden sites and plots using hand " Y F N B O X P N B O  
 U P P M T B O E T J N Q M F N B D I J C o f f e s t r y l a b o u r e r  
 (c) assisting with planting and transplanting 5 S F F Q M B O U F S  
 n P X F S T T I S V C T U S F F T B O E M B X O T  
 (d) maintaining gardens by watering, weeding Some related occupations classied elsewhere:  
 B O E N P X J O H M B X O T ' P S F T U S Z X P S L F S T L J M M F E o  
 F D M F B O J O H H B S E F O T B O E S F N P W J O H S V C C J T I

(f) assisting with propagating, planting and pot-  
 U J O H T F F E T C V M C T B O E D V U U J O H T  
 H U F O E J O H Q M B O U T C Z I B U E G r o u p 9 2 1 5 J O H B O E X F F E J O H  
 I I B S W F T U J O H B O E Q B D L F i s h e r y a n d a q u a c u l t u r e l a b o u r e r s  
 U S B O T Q P S U

J Q F S G P S N J O H N J O P S S F O B T S F S Z O B O Y U S S R V T B D V M M E S F M B C P V  
 J O H T F R V J Q N F O U B O E G F D N F O M F B O E S P V U J O F U B T L T U P D  
 I B S W F T U m T I B O E T F B G P P E J O B R V B

Examples of the occupations classied here: inland, coastal and deep sea shing operations.  
 ( B S E F O M B C P V S F S 5 B T L T J O D M V E F o  
 Horticultural labourer (a) cleaning the sea-bed and feeding fish and  
 Lawn mower N P M M V T D T U I B U B S F C F J O H D V M U J  
 Nursery labourer (b) gathering seaweed, sea mosses, clams and  
 P U I F S N P M M V T D T

Some related occupations classied elsewhere (c) preparing nets, lines and other shing tackle  
 ) P S U J D V M U V S J T U o B O E P U I F S E F D L F R V J Q N F O U  
 - B O E T D B Q F H B S E F O F S o (d) operating shing gear to catch sh and other  
 . B S L F U H B S E F O F S o N B S J O F M J G F  
 \$ S P Q G B S N M B C P V S F S (e) cleaning, sorting and packing sh and seafood  
 J O J D F B O E T B M U B O E T U P X J O H  
 G D M F B O J O H E F D L T V S G B D F T B O E  
 (g) handling mooring lines during docking.

Unit Group 9215

**Forestry Labourers**

Forestry labourers perform simple and routine Fishery labourer  
 U B T L T U P D V M U J W B U F B O E N B J O U B J O O B U V S B M B O E Q M B O  
 tation forests, and log, fell and saw trees. Some related occupations classied elsewhere:  
 5 B T L T J O D M V E F o ' J T I G B S N F S o  
 B E J H H J O H I P M F T G P S U S F S P C B M B O M J o H T I F S Z T L J Q Q F S o  
 C T U B D L J O H B O E M P B E J O H ' M T R H S E D O P B T U J B M C F X S U F S T o  
 (c) clearing undergrowth in forest stands and ' J T I F S J O M B O E X B U F S T o  
 U I J O O J O H Z P V O H Q M B O U B U J P o H F F Q T F B m T I F S o

Sub-major Group 93

Labourers in Mining, Construction, Manufacturing and Transport

Labourers in mining, construction, manufacturing and transport perform simple and routine  
 NBOVBM UBTLT JO NJOJOH RVBS \$ Z O V B DDJWSJND HF OHS B O F Q P S  
 TUPSBHF PQFSBUJPOT BOE PQFSBUFWIVIN BOM IOTP XFS E ENBDB JBOFS  
 .PTU PDDVQBUJPOT JO UIJT TVCm \$ BUK P\* \$4 \$HOS PVL Q MSVF RWF B WIF M L J  
 5BTLT QFSGPSNFE CZ XPSLFST Y O F U I B J H T H V O H N B R M F T H S  
 TQSFBEJOH FYDBWBUFE NBUFSJBM TF MTEB O P P M P J M P B S Q E O H S B M P  
 VOMPBEJOH NPWJOH TUBDLJOH \$POEV IT W P S JTOV Q ONNBUFFTS J B E H H  
 BOE DBSHP CZ IBOE DMFBOJOH NBDIJOF \$ Z FCRVD Q N O U B QJP P  
 QBDLJOH NBUFSJBM BOE QSPEVDUT XBJO E @ \$ P N E V O W T D R O U I B J O E F  
 PQFSBUJOH IVNBO QPXFSE BOE BOJNB M ESBXO WFIJDMFT  
 ODDVQBUJPOT JO UIJT TVC NBKPS XHUSPH Q JBOSPF\$ DMS P T Q J T m F E JOU

- 931 Mining and Construction Labourers
- 932 Manufacturing Labourers
- 933 Transport and Storage Labourers

Minor Group 931

Mining and Construction Labourers

.JOJOH BOE DPOTUSVDUJPO MBCPV \$ F S F M Q E S G R S N J O J N O M J O B O E R Y  
 SZJOH DJWJM FOHJOFFSJOH BOE CVJMEJOH PQFSBUJPOT  
 5BTLT QFSGPSNFE VTVBMMZ JODM \$ E O D I E F J T H W J O O H B O E O E n M I M M I E  
 UPPMT TIPWFMMJOH BOE TQSF B O E O H S B W D F M W B U P S U N O H F S N  
 VOMPBEJOH TUBDLJOH BOE TUPSB O E U S B O M T Q P N S B U J O S H U B M F N B O S E P  
 XPSL TJUFT DMFBOJOH NBDIJOF \$ Z E F R F V N R W F O H P C F P S V D B O  
 ODDVQBUJPOT JO UIJT NJOPS HSPH V Q B S U F H S P B T Q T J m F E JOUP U I F

- 9311 Mining and Quarrying Labourers
- 9312 Civil Engineering Labourers
- 9313 Building Construction Labourers

Unit Group 9311

Mining and Quarrying Labourers

G DMFBOJOH NBDIJOF SZ FRVJQNF  
 XBZT BOE IBVMBHF USBDLT  
 (g) sorting, loading, unloading, stacking and  
 sorting tools, materials and supplies used by  
 other workers.  
 .JOJOH BOE RVBSSZJOH MBCPV \$ F S F M Q E S G R S N J O J N O M J O B O E R Y  
 UBTLT JO NJOJOH BOE RVBS \$ Z O V B DDJWSJND HF OHS B O F Q P S  
 5BTLT JODMVEF o  
 B BTTJTUJOH NJOFST BOE Examples of the Occupations Classified here: O H  
 NBDIJOF SZ FRVJQNFOU BOE. J N O J O F H B M E C R W S S Z  
 JOTUBMMBUJPOT Quarry labourer  
 C BTTFN CMJOH BOE - E J T N B O U M J O H N J O J O H F R V J Q  
 NFOU Some related occupations classified elsewhere:  
 D S F N P W J O H U V O O F M % S V M O M F P S U N T O J O S H P N E J T V T F E  
 XPSLJOHT JO NJOFT BOE RVBS \$ Z O V B DDJWSJND HF OHS B O F Q P S  
 E SFNPWJOH EBOHFSPVT Q S O P K O F H U Q M B O U G P S O N S B U J P O S F o  
 BOE RVBSSZ XPSLJOHT 2VBSSJFS o  
 F SFNPWJOH XBTUF BOE T F % S W J J M F E F S M F P J N M B U P F S S J H B M T T X F M M o  
 BOE FRVJQNFOU GSPN- XPSL% B \$ M B M T J C B G U F M S B O V P Q F S B U P S o  
 USBDUJPO BDUJWJUJFT IBWF CFFO DPNQMFUFE BOE  
 DMFBSJOH SPDL BOE NJOF SBM TQJMMT





passengers or goods, as well as animal-drawn other ships to load and unload petroleum, machinery usually in connection with farming. M J R V F m F E H B T F T B O E P U I F S M J R

- 5 B T L T J O D M V E F o (e) carrying and stacking goods in warehouses
- B I B S O F T T J O H B O J N B M T B O B O I E U T D J I N O M B I S I F N U L B F C M J F T I N F O U T
- I J D M F T P S N B D I J O F S Z (f) sorting cargo prior to loading and unloading.

(b) loading or unloading goods, or assisting pas-

T F O H F S T J O H F U U J O H P O E X A M P L E S O F T H E W O R K U P D I M F C L A S S I E D H E R E :  
 D E S J W J O H B O J N B M T J O U I B A G G A G E H A N D L E R E J S F D U J P O X J U I  
 due regard to other tra c and tra c regula- Freight handler  
 U J P O T Warehouse porter

E D P M M F D U J O H G B S F T P S D I B S H F T  
 F E S J W J O H B O J N B M T U S B J O E S J W F S 4 I F M G m M M F S T T U P D L T I F M W F T B  
 R V B S S J F T \$ S B O F P Q F S B U P S o

G E S J W J O H B O J N B M T I J U D I F E P U S R M G B S N P S P S U B E S P S N B  
 D I J O F S Z ) P U F M Q P S U F S o

H E S J W J O H X P S L J O H F M F Q I B O U H B H F Q P S U F S o

I N B J O U B J O J O H W F I J D M F P S N B D I J O F S Z N B L J O H  
 N J O P S S F Q B J S T B O E J O T U B M M J O H S F Q M B D F N F O U Q B S U T

(i) grooming and feeding animals.

Unit Group 9334

Examples of the occupations classi ed here:

**Shelf Fillers**

- " O J N B M E S B X O W F I J D M F E S J W F S
- " O J N B M U S B J O E S J W F S 4 I F M G m M M F S T T U P D L T I F M W F T B
- . B I P V U keep stock clean and in order in supermarkets and other retail and wholesale shops.

Some related occupations classi ed elsewhere:

- + P D L F Z o (a) placing goods neatly in bins and on racks,
- 5 B T L T J O D M V E F o B O E T U B D L J O H C V M L Z H P P E T P O
- C m M M J O H T I F M W F T X J U I H P P E T
- goods with the earliest use-by dates are at the
- G S P O U P G T I F M W F T

Unit Group 9333

**Freight Handlers**

Freight handlers carry out tasks such as packing, carrying, loading and unloading furniture and other household items, or loading and unloading ship and aircraft cargo and other freight, or (a) noting what has been sold and collecting (b) obtaining articles for customers from shelf or (c) directing customers to location of articles

- S Z J O H B O E T U B D L J O H H P P E T J O U P D B S P P W T X B S F I P V T F T
- 5 B T L T J O D M V E F o (g) directing customers to location of articles

(a) packing o ce or household furniture, ma- T P V H I U  
 chines, appliances and related goods to be SF D F J W J O H P Q F O J O H V O Q B D L J O  
 U S B O T Q P S U F E G S P N P O F Q M B D F N F O U Q B S U T

(b) carrying goods to be loaded on or unloaded or distributor.  
 G S P N W B O T U S V D L T X B H P O T T I J Q T P S B J S D S B G U

(c) loading and unloading grain, coal, sand, baggage and other items by placing them on Night ller

D P O W F Z P S C F M U T Q J Q F T B O E J O T U B M M J O H S F Q M B D F N F O U Q B S U T  
 (d) connecting hoses between mainshore instal- Stock handler  
 lation pipes and tanks of barges, tankers and

Sub-ma~or Group 94

**Food Preparation Assistants**

'PPE QSFQBSBUJPO BTTJTUBOUT QBSQBSE BGEQSFPPD PUPPL FPES EGFSP  
 CFWFSBHFT DMFBS UBCMFT DMFBODDDVQBUEOBSJFCBTUIBDE  
 NBKPS HSPVQ SFRVJSF TLJMMT BU UIF mSTU \*4\$O TLJMM MFV  
 5BTLT QFSGPSNFE CZ XPSLFST JO WEBT QSYCOBBSKOSHSRQOMFVPSB  
 QSFQBSFE GPPET BOE CFWFSBHFT EVDIJBT TBNBEDIABTOEODIPLB  
 XBTIJOH DVUUJOH NFBTVSJOH BOEJNJOHYJOPH LGJOPHE TF RVP SQ NP OIJOM  
 BT HSJMMT NJDSPXBWFT BOE EFFQ CBSRUQBSBJSPO DNSFB OJBOELT  
 BSFBT DMFBOJOH DPPLJOH BOE OIEOSFSTUNBWSUBFOUTMT VTFF JO  
 ODDVQBUIJPOT JO UIJT TVC NBKPS XHJOPH QJOSFPS DMSBVTQJ mFE JOU

**941 Food Preparation Assistants**

Minor Group 941

**Food Preparation Assistants**

'PPE QSFQBSBUJPO BTTJTUBOUT QBSQBSE BGEQSFPPD PUPPL FPES EGFSP  
 CFWFSBHFT DMFBS UBCMFT DMFBO LJUDIFO BSFBT BOE X  
 5BTLT QFSGPSNFE VTVBMMZ JODMVEEPPESTFBBSJOHWTFJSNBQHMFP  
 BT TBOEXJDIFT QJ[[BT mTI BOEDVDUIJDOOTH TNBFBVESTJBOHEB  
 NJYJOH GPPET GPS DPPLJOH PQFSBMJOTH NPPSBDBIWHFRVBQNFEO  
 GBU GSZFST DMFBOJOH LJUDIDOTB SGFBTE QMFFBOSJDUHFCOP PLSJ  
 general utensils used in kitchens and restaurants.

ODDVQBUIJPOT JO UIJT NJOPS HSPH OVSUF HSPB/TOTTJ mFE JOUP UIF

**9411 Fast Food Preparers**

**9412 Kitchen Helpers**

Unit Group 9411

**Fast Food Preparers**

H PSEFSJOH BOE UBLJOH EFMJW  
HSFEJFOUT

(h) maintaining sanitation and health and safety

Fast food preparers prepare and cook to order TUBOEBSET JO XPSL BSFBT  
 B MJNJUFE SBOHF PG GPPET P SWCFJGFZSBOHF TU UB BUQS QBSFE G  
 WPMWF TJNQMF QSFQBSBUJFOUSPPDSRVBMBJUEBCE TRVBNWUJ  
 OVNCFSPG JOHSFEJFOUT 5IFZ NBZ UBLF PSEFST  
 GSPN DVTUPNFST BOE TFSWJDF DPVOUFS BUUFOE  
 5BTLT JODMVEF o Fast food cook

(a) preparing simple or pre-prepared foods and Hamburger maker

CFWFSBHFT TVDI BT TBOEXJDIFT BNCVSHFST

QJ[[BT mTI BOE DIJQT TBNBEDIABTOEODIPLB

C XBTIJOH DVUUJOH NFBTVSJOH BOE NJYJOH

GPPET GPS DPPLJOH Some related occupations classi ed elsewhere:

D PQFSBUJOH MBSHF WPMJON TJOHMF QSPDFTT

DPPLJOH FRVJQNFOU TVDI BTPHJMMT EFFQ GBU

GSZFST PS HSJEEMFT 'PPE TFSWJDF DPVOUFS BUUFOE

E SFIFBUJOH QSFQBSFE GPPE

(e) cleaning food preparation areas, cooking  
 TVSGBDFT BOE VUFOTJMT XJUIUBLJOH PSEFST TFSWJOH DMJFOUT B  
 G UBLJOH BOE TFSWJOH GJUIUBLJOH PSEFST TFSWJOH DMJFOUT B  
 JO FBUJOH QMBDFT UIBU PDEFBMBJUF \$OVGBTSU "UUSWJDFUT V  
 BOE DBSSZ PVU GPPE is an incidental component of the work.

Unit Group 9412

(e) washing dishes and cooking utensils and put-  
U J O H U I F N B X B Z

**Kitchen Helpers**

(f) preparing, cooking, toasting and heating

Kitchen helpers clear tables, clean kitchen areas, simple food items.

wash dishes, prepare ingredients and perform

other duties to assist workers who prepare food.

Examples of the occupations classified here:  
T F S W F G P P E B O E C F W F S B H F T Hand dishwasher  
5 B T L T J O D M V E F o Kitchen assistant

(a) cleaning kitchens, food preparation areas Kitchen hand

B O E T F S W J D F B S F B T Kitchen porter

(b) assisting cooks and chefs in preparation of Kitchen steward

food by washing, peeling, chopping, cutting, Pantry attendant

N F B T V S J O H B O E N J Y J O H J O H S F E J F O U T

(d) unpacking, checking, transferring, weighing \$ P P L o  
Some related occupations classified elsewhere:

D B T T F N C M J O H E J T I F T G P S M F S M J O D C  
and storing supplies in refrigerators, cup- ' B T U G P P E Q S F O B S F S o  
C P B S E T B O E P U I F S T U P S B H F B S F B T



Sub-ma-or Group 95

Street and Related Sales and Services Workers

4 U S F F U B O E S F M B U F E T B M F T B O O H T F G P W E D F G P X P J S N L N S E J B E M  
 T V N Q U J P O B O E Q S P W J E F B W B S J F U J Z S P Q V T E S W J D D F O T M B O D F T T U S T F  
 T U B U J P O T . P T U P D D V Q B U J P O T J M T L B I W T U I T F V Q S N T B J K P \$ S E S T P L V J Q M N  
 5 B T L T Q F S G P S N F E C Z X P S L F S T V D F U I C J V T Z J T O V H C P N S B N B S J O H S  
 W B S J P V T J U F N T G P S T B M F M P B E E J Q U S B B O T E Q N S U M J P O B H E J U O I H N J U P N T U B G  
 U I F N B U F S J B M T O F D F T T B S Z U P Q F S B O S W I F T S U V S F D B T U P B Q Q F S P B H O P I J E  
 T F S W J D F T D M F B O J O H B O E Q P M D B I S J O X H J O T E I P X T S W O F O J O J H O F S B S C B  
 B T T J T U J O H D B S E S J W F S T U P m Q U B F B D O B S L T O C H P Q M E B D N B H F C E E E V  
 U I F E S J W F S T B C T F O D F I B O E J O H S F V O F J M V E D H F U N N B F C E E J B G U S F F Q D Z F N K F  
 O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S P T V T Q J T m F E J O U

- 951 Street and Related Services Workers
- 952 Street Vendors (excluding Food)

Minor Group 951

Street and Related Services Workers

4 U S F F U B O E S F M B U F E T F S W J D F T F X P S O F S U S O S O W J E O F E B J O V P S J I F I S Z  
 places, including cleaning shoes, washing car windows, running errands, looking after prop-  
 F S U Z B O E Q S P W J E J O H P U I F S P O U I F T Q P U T U S F F U T F S W J D F T  
 5 B T L T Q F S G P S N F E V T V B M M Z J O B M Z E U P Q E S B P O N O H F S W F J D N F E  
 Q S P B D I J O H Q F P Q M F P O U I F T U S F F U M W T P I J R H F S T I P F F S T W J D M F B O J M O H B  
 Q P M J T I J O H D B S X J O E P X T S V O O J O H m O S E S B O O B S L B J O T H J T Q M O B D F D B O F  
 T V S J O H U I B U U I F D B S J T O P U E B N B B H O E J E O V S J R O V H U U M F F E S J W F S B T O  
 O F X T Q B Q F S T S F D F J W J O H J N N F E J B U F Q B Z N F O U  
 O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S M P B T O T J m F E J O U P U I F

9510 Street and Related Services Workers

Unit Group 9510

Street and Related Services Workers

4 U S F F U B O E S F M B U F E T H S W B J O E F J O H X P V S U L M S F B n O U S T P W O E F G S E F  
 W B S J F U Z P G T F S W J D F T P O T U S I S F U T F J B O J E O H O J P N F I E S B O V F C O B Z N F O U  
 places, including cleaning shoes, washing car  
 X J O E P X T S V O O J O H F S S B O E T  
 M P P L J O H B G U F S Q S P Q F S U Z B O E Q S P W J E J O H P U I F S P O  
 U I F T Q P U T U S F F U T F S W J D F T  
 5 B T L T J O D M V E F o  
 (a) obtaining the materials necessary to perform Free newspaper distributor  
 T F S W J D F T - F B n F U E J T U S J C V U P S  
 C B O Q S P B D I J O H Q F P Q M F P O S H e f o l i s e s F F U U P P F S T F S  
 W J D F T  
 D D M F B O J O H B O E Q P M J S o m e r e l a t e d o c c u p a t i o n s c l a s s i e d e l s e w h e r e :  
 E D M F B O J O H B O E Q P M J T I J O H S D A B J S D F X J O B R I X P O B U U F O E B O U o  
 F S V O O J O H F S S B O E T - F B n F U B O E O F X T Q B Q F S E F M J W F

Minor Group 952

Street Vendors (excluding Food)

4 USFFU WFOEPST FYDMVEJOH HPPET TFMDMMBEVQVBOVMPZE N  
mediate consumption) in streets and public places such as stations, cinemas or theatres.

5BTLT QFSGPSNFE VTVBMMZ JODMVBEMFF CVZJNBHLSHSFDNFQWFOJH  
MPBEJOH BOE VOMPBEJOH CBTLFZDTMFUSBIQDETVSVDLBTPTS PQMFS  
DMFT UP USBOTQPSU HPPET UPTUTIBTUUSPOTU P SP S JQVONJTD QJMB  
HPPET PS DBMMJOH PVU UP BUUSOBHDUQFDUFTQUPNBNST D VBTWUPNCFUSJT  
TUSFFUT PS CZ HPJOH GSPN IPVTFSSBDFUWJQFH URNF EFJS UHP ROBTZ M

ODDVQBUJPOT JO UIJT NJOPS HSPVQVBSLFBSPB/TQTJmFE JOUP UIF

9520 Street Vendors (excluding Food)

Unit Group 9520

Street Vendors (excluding Food)

Some related occupations classified elsewhere:

.BSLFU TBMFTQFSTPO o  
4USFFU TUBMM TBMFTQFSTPO o

4USFFU WFOEPST FYDMVEJOH GUPSEFTUFMMPPE WFBMPSZ MJN  
JUFE SBOHF PG HPPET FYDMVEJOSHUPPEPSPBMMNFNSFQSFTFOUE  
mediate consumption) in streets and public places 'SFF OFXTQBQFS EJTUSJCVUPS o  
such as stations, cinemas or theatres.

5BTLT JODMVEF o

Note

Vendors from street and market stalls of fresh food prod-  
ucts not intended for immediate consumption (such as

B CVZJOH PS SFDFJWJOH JUFNT GPS TBMFTPS NBLJOH  
TJNQMF JUFNT

(b) loading and unloading baskets, trays, pushcarts, trucks, trays or baskets are classified in Unit  
DBSUT CJDZDMFT IBOE LSPDLTSPSPULLFS WFIJDMFT  
to transport goods to the streets or public places meals and food items for immediate consumption

QMBDFT TVDI BT TUBUJPO PMSBTDJQFENBOT 6OJU (SPVQ 'PPE  
(c) displaying goods or calling out to attract customers  
UPNFST BUUFOUJPO GPPE BOE CFWFSBHFT GPS JNNFEJBUF

(d) approaching potential customers on streets, pushcarts, trucks, trays or baskets are classified in Unit  
or by going from house to house, to offer  
HPPET GPS TBMF  
F SFDFJWJOH JNNFEJBUF OBNFOU

and public places of non-food items (or of pre-packaged  
non-perishable food items such as confectionery) from  
pushcarts, trucks, trays or baskets are classified in Unit

(SPVQ 4USFFU 7FOEPST FYDMVEJOH

Examples of the occupations classified here:

- Hawker
- /FXTQBQFS WFOEPS
- Pedlar

Sub-ma-or Group 96

Refuse Workers and Other Elementary Workers

Refuse workers and other elementary workers collect, process and recycle garbage from build-
JOHT ZBSET TUSFFUT BOE PUIFSB Q E CPMJJD SQ QMBODM JD Q M B DLFFTF Q M
UJEZ EFMJWFS BOE DBSSZ NFFT BHPFCT BOPES QOBSJLWBBHUFF IPV E FQF IS
PS FTUBCMJTINFOUT .PTU PDDVQ BWJSPFO TLJ Q M T J B UT WQ FN B K S F S
TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST J Q E B I J D P T M C F N B K O P S H M S P B / E Q O V
VOMPBEJOH HBSCBHF TXFFQJO B FT U S F P Q Q J O Q B r S S F X B P O E E D B
MFDUJOH BOE DBSSZJOH m S F X P B B H F T X B O F S U J Q B DELVBTHUF P V U M
carpets and performing other odd-job tasks.

ODDVQBUIJPOT JO UIJT TVC NBKPSP XHUSPHV QN JBOSPFS DHMS P T Q J T m F E JOU

961 Refuse Workers

962 Other Elementary Workers

Minor Group 961

Refuse Workers

Refuse workers collect, process and recycle garbage from buildings, yards, streets and other
public places, or keep streets and other public places clean.

5BTLT QFSGPSNFE VTVBMMZ JODMVOEH H B B M B M H F D U T X O H F Q M C P H B E T J U O S H
QBSLT BOE PUIFS QVCMJD QMB D I F B T Q B S O F S O H H B B T E T S Q D M Z B D T M
aluminium.

ODDVQBUIJPOT JO UIJT NJOPS HSPHV QV B S U F H S P B / T O T T J m F E JOU P U I F

9611 Garbage and Recycling Collectors

9612 Refuse Sorters

9613 Sweepers and Related Labourers

Unit Group 9611

Garbage and Recycling Collectors

( B S C B H F D P M M F D U P S T D R E F U S E S O R T E R S I D E N T I F Y S O F T P A P E R A N D F O R S W I S - C J T I
and items for recycling from buildings, yards, streets and other places.

5BTLT JODMVEF o

(a) collecting rubbish and recyclable materials and locating them into bins and garbage a

SFDZDMJOH USVDLT

C SJEJOH PO PS JO HBSC B o r n e C o a E a n s I n d u s t r i a l P r o m i s e s U s f r o m T

(c) lifting garbage bins and emptying contents JOUP USVDLT BOE MBSHF

(d) unloading garbage and recycling trucks. NJOJVN PS PUIFS SFDZDMBCMF NBU

Examples of the occupations classi ed here:

% VTUNBO XPNBO

Recycling collector

Refuse collector

Some related occupations classi ed elsewhere

( B S C B H F U S V D L E S J W F S o

8BTUF QJDLFS o

Unit Group 9612

Refuse Sorters

and recycling enterprises or in buildings, streets and other public places.

5BTLT JODMVEF o

(a) searching through refuse and collecting items for recycling from dump sites, domestic,

B o r n e C o a E a n s I n d u s t r i a l P r o m i s e s U s f r o m T

(b) soft goods, cardboard, paper, glass, plastic, alu-

(c) placing recyclable items and materials in designated compartments and containers for

TUPSBHF PS USBOTQPSUBUJPO

(d) identifying and setting aside items of furni-

UVSF FRVJQNFOU NBDIJOFSSZ P

UIBU BSF TVJUBCMF GPS SFQBJS P

(e) transporting recyclable items by hand or

VTJOH OPO NPUPSJ[FE WFIJDMFT

(f) selling recyclable or reusable materials.

Examples of the occupations classified here: Unit Group 9613

Recycling worker  
Scrap merchant  
Waste picker

**Sweepers and Related Labourers**

Sweepers and related labourers sweep and clean streets, parks, airports, stations and other public places.

Some related occupations classified elsewhere:

3 F G V T F D P M M F D U P S o  
4 U S F F U T X F F Q F S o

5 B T L T J O D M V E F o  
(a) sweeping streets, parks, airports, stations  
B O E T J N J M B S Q V C M J D Q M B D F T  
C T I P W F M M J O H T O P X  
(c) beating dust out of carpets by using a carpet-  
C F B U F S  
E D M F B O J O H S V C C J T I M F B  
E S J W F X B Z T B O E H S P V O E T

Examples of the occupations classified here:

Park sweeper  
Street sweeper

Minor Group 962

**Other Elementary Workers**

O U I F S F M F N F O U B S Z X P S L F S T E F M T J W Q S S E Q P S N D B S S V Z B S N J F F T U T Z  
T J N Q M F N B J O U F O B O D F B O E S F Q B J S E J B O T H T N B D P M M F F T D U S N B O F F F B J O  
D P M M F D U X B U F S B O E m S F X P P E S L B J O H P S M F M W F D W T B O E J T T V F  
5 B T L T Q F S G P S N F E V T V B M M Z J O D M V E L F F S D B P O E Q H S H X P P E E B O M E F B O P  
B O E N B J O U B J O J O H C V J M E J O H T F T H S B P H V O T E T O B D I E B G B T D J B O E U P B  
J U F N T X J U I J O P S C F U X F F O F T U B C M J T E I W U F J O F U T T B T P S B F Q M P T T U X I S F S O F O  
J T T V J O H B O E D P M M F D U J O H U J D L E F S J H F B O E m N B T J T O F H T T W P S V B D  
P G W F O E J O H N B D I J O F T B O E D P M M O M H F D M F O H S N D J O U F Z Z G B P N P S D P  
meters and recording consumption.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q V B S U F H S P B V T O T T J m F E J O U P U I F

- 9621 Messengers, Package Deliverers and Luggage Porters
- 9622 Odd-job Persons
- 9623 Meter Readers and Vending-machine Collectors
- 9624 Water and Firewood Collectors
- 9629 Elementary Workers Not Elsewhere Classified

Unit Group 9621

**Messengers, Package Deliverers and Luggage Porters**

D D B S S Z J O H B O E E F M J W F S J O I  
T U B U J P O T B J S Q P S U T B O E F M T F X  
E S F D F J W J O H B O E N B S L J O H C B H  
Q M F U J O H B O E B U U B D I J O H D M B J N D

. F T T F O H F S T Q B D L B H F E F M (e) W P L a n n i n g T a n d C o l l o w i n g t h e B e s t e f f i c i e n t  
U F S T D B S S Z B O E E F M J W F S S P N U T T B H F T Q B D L B H F T B O E  
other items on foot, within an establishment or T P S U J O H J U F N T U P C F E F M J W F S F  
between establishments, to households and else- E F M J W F S Z S P V U F  
where, or carry luggage, especially at hotels, sta-  
tions and airports.

Examples of the occupations classified here:

5 B T L T J O D M V E F o Hotel porter  
B E F M J W F S J O H N F T T B H F T - Q B D F L U B H E F M J W F S F B U I F S  
items within an establishment or between Luggage porter  
F T U B C M J T I N F O U T P S F M T F X I F S T T F O H F S  
C E F M J W F S J O H W B S J - P V T H P R E Q B O P S B E O F E M J W S P S N F S F O U F S  
Q S J T F T T I P Q T I P V T F I P M E T B O E P U I F S Q M B D F T

Some related occupations classified elsewhere Unit Group 9624

. B J M D B S S J F S o  
1 P T U N B O X P N B O o

**Water and Firewood Collectors**

Water and firewood collectors collect water and firewood and transport them on foot or using hand or animal carts.

5 B T L T J O D M V E F o

(a) cutting and collecting wood from forests for sale in market or as fuel or for own consumption

C W J T J U J O H G P S F T U T P S m F M E T U P  
J O I F B Q T

(c) cutting decayed branches and trunks of trees

J U F N T V D B T M J H U E V M C T

(d) tying collected wood into small faggots and carrying them or transporting them on a cart

U P J M J O H S L F U O E P S Y P M F P S U P W J

(f) collecting water in leather bags, buckets or

F U D G P S E P N F T U J D V T F

Unit Group 9622

**Odd-job Persons**

Odd-job persons clean, paint and maintain buildings, grounds and facilities, and undertake simple repairs.

5 B T L T J O D M V E F o

(a) repairing broken windows, screens, doors,

G F O D F T C B S C F D V F T Q J D O J D U B C M F F T F M E W F T D V O

C S F Q M B D J O H E F G F D U J W F

D S F Q B J S J O H B O E Q B J O U J O H

T V S G B D F T T V D I B T X B M M T

E B E K V T U J O H E P P S T B O E X J O E M F T G P S V T F G F O D F T

F S F Q M B D J O H U B Q X B T I F S T

(g) unloading coal or wood and putting it into cellars

M B S T P G Q S J W B U F I P V T F I P M E T

the houses of clients or to own household for drinking, cleaning of drains or storage in tanks.

Examples of the occupations classified here:

- Handyperson
- Hotel useful
- Odd-job person

Examples of the occupations classified here:

- Firewood collector
- Water collector

Unit Group 9623

**Meter Readers and Vending-machine Collectors**

. F U F S S F B E F S T B O E W F O E J O H N B D I J O F T P O E D P M N F D U P S T  
T U P D L W F O E J O H N B D I J O F T P O E D P M N F D U P S T G S P N  
them or from parking meters and other coin-

C P Y F T P S S F B E F M F D U S J D U J Z V I O B H S P X V O U D S W N F S U F S T M F N F O U E  
5 B T L T J O D M V E F o D M B T T J m F E F M T F X I F S F J O . B K P S ( S P

B m M M J O H T U P S B H F B S F B T a r y O c c u p a t i o n s J o r H i n t a n d E d i t o r G r o u p O n e  
D P M M F D U J O H N P O F Z G S P C n d s I t e m s w h o P o s s e s s a n o E d i t o r

(b) collecting money from parking meters and patrons or customers in cloakrooms, and assist

T J N J M B S D P J O C P Y F T

(c) reading electricity, gas or water meters and

S F D P S E J O H D P O T V N Q U J P O \* O T V D I D B T F T U B T L T X P V M E J O D I

(d) keeping records of merchandise distributed

B O E N P O F Z D P M M F D U F E

(e) proceeding along established routes to take

S F B E J O H T P G N F U F S E J B M C

(g) inspecting meters for unauthorized connections, defects and damage such as broken seals

Q P T T J C M F S F B T P O T G P S

Examples of the occupations classified here:

- . F U F S S F B E F S
- Vending-machine collector

(a) directing patrons to restrooms, concession

T U B O E T B O E U F M F O I P O F T

F E J S F D U J O H W F I J D M F E S J W F S T

G Q B U S P M M J O H Q B S L J O H B S F B T

W F I J D M F E B N B H F B O E W F I J D M F Q S I

- (g) calculating parking charges and collecting Fairground attendant  
G F F T G S P N D V T U P N F S T Parking attendant
- (h) assigning dressing room facilities, locker 5 J D L F U D P M M F D U P S  
space or clothing containers to patrons of Usher  
athletic or bathing establishments.

Examples of the occupations classified here: Cloakroom attendant

Some related occupations classified elsewhere:  
1 B S L J O H W B M F U o



Ma~or Group O

**ARMED FORCES OCCUPATIONS**

" S N F E G P S D F T P D D V Q B U J P O T J O D M V B E S F N B E M G P S D F T I . F M E F S Z R  
U I F B S N F E G P S D F T B S F U I P T F Q F S D P O K F F M S X I F P E B G S P F S D F V T S S B O D M  
B V Y J M J B S Z T F S W J D F T X I F U I F S P O B B E W X P I M V E C S L F B O P U P S S D F F N W P V B D  
D J W J M J B O F N Q M P Z N F O U B O E B S F M T W E C F E F B B F U S F N V M B S B S Z N E C J F T S D  
U I F B S N Z O B W Z B J S G P S D F B O E T P D J R D S D N S J J M U U T B I S Q S P F M S M F J D F G T P S  
U S B J O J O H P S P U I F S T F S W J D F G P S B T Q F D J m F E Q F S J P E

O D D V Q B U J P O T J O U I J T N B K P S H S P H V O V B C S F N B K M P S T H S R F D T J O U P U I F

- 01 Commissioned Armed Forces Officers**
- 02 Non-commissioned Armed Forces Officers**
- 03 Armed Forces Occupations, Other Ranks**

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J M J B O F F O N J C M D P P Z O N D F O S L O F P E G X H B  
E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z Q P M J D F  
D V T U P N T J O T Q F D U P S T B O E N F N C F S D F G S O A P J S E F F S P S P U I F S B S M

Note

. B O Z K P C T Q F S G P S N F E C Z N F N C F S T P J G O U W F S B N S T N F R E G G B S D F O B B S V F S F J N G M U B I S F  
Q F S G P S N F E U P D J W J M J B O P D D V Q B R Q P S B U P V S D I D P P N L F T E J D B D M S F E U B S J P  
I F B W Z U S V D L E S J W F S T S P O D F Q U V G P S M Z U B U D M B Z T C J R G Z B Q Q S I P O K S P J C B T U F J O U I F S F  
G P S D F T X J U I T J N J M B S D J W J M J B O F K A P F C S T B M S Q B F U B Q O S M B B D D V Q B E U P Q W F D M B T T J  
S Z Q J D B M M Z T V D I D M B T T J m D B U J P Q T T B M D P m J D E F P C O U J V G Z B B J O P V N B O V F S H S P E V Q J M J \* U O  
D P V O U S J F T I P X F W F S J U J T O P U C O P T U T W C M D B U J P V Q I S P P E C / D J R F J Q B B S N C B R U S J O P S B F  
N F N C F S T P G U I F B S N F E G P S D F T \* O V B E B Q B T J O D H P V Q S J S J F T G N P E S Z O X B U J P Q B I M S F O G P S  
to consider what approach best suits their circumstances and user needs. For purposes of international  
D P N Q B S B C J M J U Z I P X F W F S X I F S F E B S B F O F G S B S D O J O B S B P S N O R S U S E B O E U D F M  
m F E C Z P D D V Q B U J P O U I F Z T I P V M \* E 4 G O J O D M W F S E ( S R M F O S F Q ' P S T N B E M I P S D J F O T  
Occupations.



Sub-ma-or Group 01

**Commissioned Armed Forces Officers**

\$ P N N J T T J P O F E B S N F E G P S D F T P D F F S O T U Q S P P W S J H E F O M [ B B ] H P O B M  
V O J U T J O U I F B S N F E G P S D F T B O O E F S P G S P S O N F F S E G P O S N B T W B N S J J M B S  
D J W J M J B O P D D V Q B U J P O T P V U T J E F T U B A M B S N I F N C G B S D P F G T U I F I J B T S  
G P S D F T I P M E J O H U I F S B O L P G T F D I P O E F S M J S P V U F O B O U P S F R V J W  
J O N P T U P D D V Q B U J P O T J O U I J T T W I C N G B K P S J I H S P S Q S I E R M J S F M F T V  
O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V Q N J B O S P F S D H M S B T V T J m F E J O U

**011 Commissioned Armed Forces Officers**

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J M J B I O N F F O N J C M D P P Z O N D F F O S L O F P E G X H B  
E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z Q P M J D F  
D V T U P N T J O T Q F D U P S T B O E N F N C F S D F G S O P J S E F F S P S P U I F S B S M

Minor Group 011

**Commissioned Armed Forces Officers**

\$ P N N J T T J P O F E B S N F E G P S D F T P D F F S O T U Q S P P W S J H E F O M [ B B ] H P O B M  
V O J U T J O U I F B S N F E G P S D F T B O O E F S P G S P S O N F F S E G P O S N B T W B N S J J M B S  
D J W J M J B O P D D V Q B U J P O T P V U T J E F T U B A M B S N I F N C G B S D P F G T U I F I J B T S  
G P S D F T I P M E J O H U I F S B O L P G T F D I P O E F S M J F V U F O B O U P S F R V J W  
O D D V Q B U J P O T J O U I J T N J O P S H S P H V Q N B S L F H S P B V T O T J m F E J O U P U I F

**0110 Commissioned Armed Forces Officers**

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J M J B I O N F F O N J C M D P P Z O N D F F O S L O F P E G X H B  
E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z Q P M J D F  
D V T U P N T J O T Q F D U P S T B O E N F N C F S D F G S O P J S E F F S P S P U I F S B S M

Unit Group 0110

**Commissioned Armed Forces Officers**

\$ P N N J T T J P O F E B S N F E G P S D F T P D F F S O T U Q S P P W S J H E F O M [ B B ] H P O B M  
V O J U T J O U I F B S N F E G P S D F T B O O E F S P G S P S O N F F S E G P O S N B T W B N S J J M B S  
D J W J M J B O P D D V Q B U J P O T P V U T J E F T U B A M B S N I F N C G B S D P F G T U I F I J B T S  
G P S D F T I P M E J O H U I F S B O L P G T F D I P O E F S M J F V U F O B O U P S F R V J W  
J O N P T U P D D V Q B U J P O T J O U I J T N J O P S H S P H V Q N B S L F H S P B V T O T J m F E J O U P U I F

Flying officer (military)  
( F O F S B M B S N Z  
( S P V Q D B Q U B J O B J S G P S D F  
Lieutenant (army)  
( B K P S B S N Z  
Lieutenant (army)  
( P E S T N J O N B I O M B S U B T L T U P  
Lieutenant (army)  
( B W B M P C D F S J M J M O U B S Z D V Q B  
Lieutenant (army)  
( F W Z I D P H S B O C F J S O D M V E F T  
Officer cadet (armed forces)  
Second Lieutenant (army)  
( P S I J H I F S  
4 R V B E S P O M F B E F S  
4 V C M J F V U F O B O U O B W Z

Examples of the occupations classified here:

" E N J S B M  
" J S D P N N P E P S F  
" J S N B S T I B M  
Brigadier (army)  
Captain (air force)  
Captain (army)  
\$ B Q U B J O O B W Z  
Colonel (army)  
Field marshal  
Flight lieutenant (air force)

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J  
F N Q M P Z N F O U P G H P W F S O N F O U F T U  
D P O D F S O F E X J U I E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z  
customs inspectors and members of  
C P S E F S P S P U I F S B S N F E D J W J M J B

Sub-ma-or Group 02

**Non-commissioned Armed Forces Officers**

/ P O D P N N J T T J P O F E B S N F E G P S D F F B O E F S V T Q F S W J T F U I F B D U J J W  
J U J F T P G U I P T F F N Q M P Z F E J O 4 V C N B B R S I P ( S T P V O U I F S " S B O E T ' P  
B O E P S Q F S G P S N T J N J M B S U B T L T D J U M P J M J B D F P O D F S V G O P B S U N J F P E O T C  
U I F B S N F E G P S D F T 5 I J T H S P V Q J O D T M M P A T E N O M C I S S T O I P G T V D I E  
sergeant, warrant o cer and sergeant major. Competent performance in most occupations in  
U I J T T V C N B K P S H S P V Q S F R V J S F W F T M J M M T B U U I F T F D P O E \*  
O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V O N J B O S P F S D H M S B V T O J m F E J O U P

**021 Non-commissioned Armed Forces Officers**

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J M J B I O N F F O N J C M D P P Z O N D F F O S L O F P E G X H B  
E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z Q P M J D F  
D V T U P N T J O T Q F D U P S T B O E N F N C F S O R G S O W P J S E F F S P S P U I F S B S M

Minor Group 021

**Non-commissioned Armed Forces Officers**

/ P O D P N N J T T J P O F E B S N F E G P S D F F B O E F S V T Q F S W J T F U I F B D U J J W  
J U J F T P G U I P T F F N Q M P Z F E J O 4 V C N B B R S I P ( S T P V O U I F S " S B O E T ' P  
B O E P S Q F S G P S N T J N J M B S U B T L T D J U M P J M J B D F P O D F S V G O P B S U N J F P E O T C  
U I F B S N F E G P S D F T 5 I J T H S P V Q J O D T M M P A T E N O M C I S S T O I P G T V D I E  
sergeant, warrant o cer and sergeant major.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V O V B S U F H S P B V T O T J m F E J O U P U I F

**0210 Non-commissioned Armed Forces Officers**

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J M J B I O N F F O N J C M D P P Z O N D F F O S L O F P E G X H B  
E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z Q P M J D F  
D V T U P N T J O T Q F D U P S T B O E N F N C F S O R G S O W P J S E F F S P S P U I F S B S M

Unit Group 0210

**Non-commissioned Armed Forces Officers**

Non-commissioned armed forces officers en-

G P S D F N J M J U B S Z E J T D J Q M J O F  
J U J F T P G U I P T F F N Q M P Z F E  
" S N F E ' P S D F T O D D V Q B U J P O T

or perform similar tasks to those performed by  
J O B W B S J F U Z P G D J W J M J B I O P P T D F M B U C Z P O T J I E D J W J  
B S N F E G P S D F T 5 I J T H S P V Q J O D T M M P A T E N O M C I S S T O I P G T V D I E  
the armed forces holding ranks such as sergeant,  
warrant o cer and sergeant major.

Examples of the occupations classied here:

# P B U T X B J O O B W Z

Flight sergeant

Sergeant (army)

Sergeant major F S W J T F U I F B D U J J W

Warrant o cer N B K P S ( S P V Q

B O E

Excluded from this group are:

J O D T M M P A T E N O M C I S S T O I P G T V D I E  
J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z  
customs inspectors and members of  
C P S E F S P S P U I F S B S N F E D J W J M J B

Sub-ma-or Group 03

**Armed Forces Occupations, Other Ranks**

" S N F E G P S D F T P D D V Q B U J P O T P U I F S S E P O L D P J O T D M S V I O R U B E M M F D E D  
P G U I F B S N F E G P S D F T F Y D F Q U D P N N J T T J P O F E Z B O E S G P S N D P Q A N  
D J m D N J M J U B S Z U B T L T B O E P S S N F S G P S N W B S J M U B Z S P G B D J W  
P D D V Q B U J P O T P V U T J E F U I F B S N F E T G P S N D F K T P S . P H T S U P V O D S V F O R V U \$ P O T T L  
B U U I F m S T U \* 4 \$ O T L J M M M F W F M

O D D V Q B U J P O T J O U I J T T V C N B K P S P X H S O P H V O N J B O S P F S D H M S P T V T J m F E J O U

**031 Armed Forces Occupations, Other Ranks**

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J M J B I O N F F O N J C M D P P Z O N D F O S L O F P E G X H B  
E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z Q P M J D F  
D V T U P N T J O T Q F D U P S T B O E N F N C F S D F G S O A P J S E F F S P S P U I F S B S M

Minor Group 031

**Armed Forces Occupations, Other Ranks**

" S N F E G P S D F T P D D V Q B U J P O T P U I F S S E P O L D P J O T D M S V I O R U B E M M F D E D  
P G U I F B S N F E G P S D F T F Y D F Q U D P N N J T T J P O F E Z B O E S G P S N D P Q A N  
D J m D N J M J U B S Z U B T L T B O E P S S N F S G P S N W B S J M U B Z S P G B D J W  
occupations outside the armed forces.

O D D V Q B U J P O T J O U I J T N J O P S H S P H V O V B S U F H D S P B V T O T J m F E J O U P U I F

**0310 Armed Forces Occupations, Other Ranks**

Excluded from this group are:

K P C T I F M E C Z Q F S T P O T J O D J W J M J B I O N F F O N J C M D P P Z O N D F O S L O F P E G X H B  
E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z Q P M J D F  
D V T U P N T J O T Q F D U P S T B O E N F N C F S D F G S O A P J S E F F S P S P U I F S B S M

Unit Group 0310

**Armed Forces Occupations, Other Ranks**

Corporal (army)

\$ P Y T X B J O O B W Z  
( V O O F S

" S N F E G P S D F T P D D V Q B U J P O T P U I F S S E P O L D P J O T D M S V I O R U B E M M F D E D  
all conscripted and non-conscripted members of Paratrooper  
U I F B S N F E G P S D F T F Y D F Q U D P N N J T T J P O F E Z B O E S G P S N D P Q A N  
D P N N J T T J P O F E P G G J D F S T 5 I F Z B O N F B S C G P X P M B T O Q F O B W Z D  
N J M J U B S Z U B T L T B O E P S Q F S G P S N T J N J M B S U B T L T U P  
U I P T F Q F S G P S N F E J O B - W E x c l u d e d f r o m t h i s g r o u p a r e M J B O P D D V Q B  
tions outside the armed forces.  
K P C T I F M E C Z Q F S T P O T J O D J W J  
F N Q M P Z N F O U P G H P W F S O N F O U F T U  
D P O D F S O F E X J U I E F G F O D F J T T V F T  
Q P M J D F P U I F S U I B O N J M J U B S Z

Examples of the occupations classified here:

" J S N B O  
Bombardier  
Corporal (air force)

customs inspectors and members of  
C P S E F S P S P U I F S B S N F E D J W J M J B

PART IV

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**CORRESPONDENCE WITH ISCO-88**



**CORRESPONDENCE TABLE: ISCO-08 TO ISCO-88**

5 I J T U B C M F T I P X T U I F D P S S F T Q P O E F O D F N B Z  
 5 I F M F U U F S i Q w J T V T F E U P J O H S P W J D F T  
 \* 4 \$ O H S P V Q \$ P N N F O U T B S F Q S P W J E J O H Q W F S M W J H E J O F B J O H S P W J D F T  
 Q B S U J B M D P S S F T Q P O E F O D F N B Z

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Legislators	1111	1110	Legislators	
Senior Government Officials	1112	1120	4 F O J P S ( P W F S O N F O U O G G J D J B M T	
Traditional Chiefs and Heads of Villages	1113		5 S B E J U J P O B M \$ I J F G T B O E ) F B E T P G Villages	
Senior Officials of Special-interest Organizations	1114		Senior Officials of Political-party Organisations Senior Officials of Employers , 8 P S L F S T B O E O U I F S & D P O P N J D interest Organisations Senior Officials of Humanitarian B O E O U I F S 4 Q F D J B M J O U F S F T U Organisations	
Managing Directors and Chief Executives	1120	1210	% J S F D U P S T B O E \$ I J F G & Y F D V U J W F T	
Finance Managers	1211		p ' J O B O D F B O E " E N J O J T U S B U J P O % F Q B S U N F O U . B O B H F S T p ( F O F S B M . B O B H F S T . B O G B # V S T J O F F G T F T U B C M J T I N F O U 4 F S W J D F T Q S P W J E J O H B D D P V O U J O H P S T J N J M B S T F S W J D F T	
Human Resource Managers	1212		1 F S T P O O F M B O E * O E V T U S J B M 3 F M B U J P O T % F Q B S U N F O U . B O B H F S T p ( F O F S B M . B O B H F S T . B O G B # V S T J O F F G T F T U B C M J T I N F O U 4 F S W J D F T Q S P W J E J O H I V N B O S F T P V S D F B O E S F D S V J U N F O U T F S W J D F T	
Policy and Planning Managers	1213	1229	p 1 S P E V D U J P O B O E O Q F S B U J P O T % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified O U I F S % F Q B S U N F O U B O J O B H O F S H F S G Q M B O O J O H Not Elsewhere Classified B O E Q P M J D Z E F Q B S U N F O U T in establishments other than those in public administration, compulsory social security, education, I F B M U I T P D J B M X P S L F Y U S territorial organizations B O E C P E J F T B O E S F D S F B U J P O D V M U V S B M B O E T Q P S U J O H B D U J W J U J F T B T E F G J O F E J O 3 F W	
Business Services and Administration Managers Not Elsewhere Classified	1219	1227	p 1 S P E V D U J P O B O E O Q F S B U J P O T % F Q B S U N F O U . B O B H F S T J O # V T J O F T T 4 F S W J D F T 1 S P E V D U J P O B O E # O V J M S B J O I # O T T F S W J D F T B O E D M % F Q B S U N F O U . B O B H F S T J O Department Managers Personal Care, Cleaning B O E 3 F M B U F E 4 F S W J D F T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Business Services and Administration Managers Not Elsewhere Classified		1229	p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST /PU Elsewhere Classified	
			p 'JOBODF BOE "ENJOBNUSBUJPO EFQBSUNFO % FQBSUNFOU .BOBH FST	Managers
			p (FOFSBM .BOBH FST PG #VTJOFTT 4FSWJDFT (FOFSBM .BOBH FST PG BDMPOUSBDU DMF \$BSF \$MFB OJOH BOBH FST MBUFE 4FSWJDFT	Managers
Sales and Marketing Managers	1221		4BMFT BOE .BSLFUJOH %FQBSUNFOU .BOBH FST	
			p (FOFSBM .BOBH FST BPOGB #VSTJOFGTNBSLFUJOH 4FSWJDFT	companies
Advertising and Public Relations Managers	1222		"EWFSUJTJOH BOE 1VCMJD 3FMBUJPOT % FQBSUNFOU .BOBH FST	
			p (FOFSBM .BOBH FST BPOGB #VSTJOFGTBEWFSUJTJOH 4FSWJDFT	BOE QVCMJD SFMBUJPOT companies
Research and Development Managers	1223		3FTFBSDI BOE %FWFMPQNFOU % FQBSUNFOU .BOBH FST	
			p (FOFSBM .BOBH FST 3FTFBSDI BOE EFWFMPQNFOU Elsewhere Classified	company managers
Agricultural and Forestry Production Managers	1311	1221	p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO "HSJDVMUVSF )VOUJOH 'PSFTUSZ BOE 'JTIJOH	
Aquaculture and Fisheries Production Managers	1312	1221	p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO "HSJDVMUVSF )VOUJOH 'PSFTUSZ BOE 'JTIJOH	
Manufacturing Managers	1321	1222	p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO .BOVGBDUVSJOH	
			p (FOFSBM .BOBH FST JO .BOVGBDUVSJOH	
Mining Managers	1322	1222	p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO .BOVGBDUVSJOH	
			p (FOFSBM .BOBH FST BPOGB #VSTJOFGTNBM NJOJOH .BOVGBDUVSJOH BOE RVBSZJOH CVTJOFTTFT	
Construction Managers	1323		p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO Construction (FOFSBM .BOBH FST JO Construction	
Supply, Distribution and Related Managers	1324		p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO JO 5SBOTQPSU 4UPSB HEJTUSJCVUJPO EFQBSUNFOU BOE \$PNNVOJDBUJPO 4VQQMZ BOE %JTUSJCVUJPO % FQBSUNFOU .BOBH FST	Postmaster, Station masters and transport, storage managers

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Supply, Distribution and Related Managers			p ( F O F S B M . B O B H F S T J O 5 S B O T Q P S U 4 U P S B H F B O E \$ P N N V O J D B U J P O T	
Information and Communications Technology Services Managers	1330		p 1 S P E V D U J P O B O E 0 5 C F M S B D U P R N O V O J D B U J P O T % F Q B S U N F O U . B O B H F S T / P U J O 5 S B O T Q P S U 4 U P S B H F B O E \$ P N N V O J D B U J P O T \$ P N Q V U J O H 4 F S W J D F T % F Q B S U N F O U . B O B H F S T	Information managers
			p ( F O F S B M . B O B H F S T J O 5 S B O T Q P S U 4 U P S B H F B O E \$ P N N V O J D B U J P O T	
			p ( F O F S B M . B O B H F S T B O G # V T J O F T T N B M M D P N Q V U 4 F S W J D F T B O E U F M F D P N N V O J D B U J P O T	companies
Child Care Services Managers	1341	1229	p 1 S P E V D U J P O B O E 0 Q F S B U J P O T % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified	
			p ( F O F S B M . B O B H F S T / P U Elsewhere Classified	
Health Services Managers	1342	1229	p 1 S P E V D U J P O B O E 0 Q F S B U J P O T % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified	
			p ( F O F S B M . B O B H F S T / P U Elsewhere Classified	
			p / V S T J O H B O E . J E X H O S P I T A L Z M A T R O N S A N D P R I N C I P A L N U R S I N G O F F I C E R S	Hospital matrons and principal nursing officers
Aged Care Services Managers	1343	1229	p 1 S P E V D U J P O B O E 0 Q F S B U J P O T % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified	
			p ( F O F S B M . B O B H F S T / P U Elsewhere Classified	
			p / V S T J O H B O E . J E X J O B S P O T B O E Q S J O D J Q B M Professionals nursing officers in aged care facilities	
Social Welfare Managers	1344	1229	p 1 S P E V D U J P O B O E 0 Q F S B U J P O T % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified	
			p ( F O F S B M . B O B H F S T / P U Elsewhere Classified	
Education Managers	1345	1229	p 1 S P E V D U J P O B O E 0 Q F S B U J P O T % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified	
			p ( F O F S B M . B O B H F S T / P U Elsewhere Classified	
Financial and Insurance Services Branch Managers	1346	1227	p 1 S P E V D U J P O B O E 0 Q F S B U J P O T % F Q B S U N F O U . B O B H F S T J O # V T J O F T T 4 F S W J D F T	
			p ( F O F S B M . B O B H F S T P G # V T J O F T T 4 F S W J D F T	
Professional Services Managers Not Elsewhere Classified	1349	1229	p 1 S P E V D U J P O B O E 0 Q F S B U J P O T % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified	
			p ( F O F S B M . B O B H F S T / P U Elsewhere Classified	



ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Hotel Managers	1411		p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO 3 FTUBVSBOUT BOE )PUFMT	
			p (FOFSBM .BOBH FST PG 3 FTUBVSBOUT BOE )PUFMT	
Restaurant Managers	1412		p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO 3 FTUBVSBOUT BOE )PUFMT	
			p (FOFSBM .BOBH FST PG 3 FTUBVSBOUT BOE )PUFMT	
Retail and Wholesale Trade Managers	1420		1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST JO 8 IPMFTBMF BOE 3FUBJM 5SBEF	
			p (FOFSBM .BOBH FST JO 8 IPMFTBMF BOE 3FUBJM 5SBEF	
Sports, Recreation and Cultural Centre Managers	1431		p (FOFSBM .BOBH FST /PU Elsewhere Classified	
Services Managers Not Elsewhere Classified	1439	1229	p 1 SPEVDUJPO BOE OQFSBUJPOT % FQBSUNFOU .BOBH FST /PU Elsewhere Classified	
			p (FOFSBM .BOBH FST /PU Elsewhere Classified	
Physicists and Astronomers	2111	2111	1 IZTJDJTUT BOE "TUSPOP NFST	
Meteorologists	2112	2112	. FUFPSMPHJTUT	
Chemists	2113		p Chemists	
Geologists and Geophysicists	2114		(FPMPHJTUT BOE (FPQIZTJDJTUT	
Mathematicians, Actuaries and Statisticians	2120	2121	. BUIFNBUJJDJBOT BOE 3FMBUFE Professionals	
		2122	Statisticians	
Biologists, Botanists, Zoologists and Related Professionals	2131	2211	p Biologists, Botanists, Zoologists BOE 3FMBUFE 1SPGFTTJPOBMT	
		2212	p Pharmacologists, Pathologists, Plant pathologists, BOE 3FMBUFE 1SPGFTTJPOBMT Pharmacologists	
Farming, Forestry and Fisheries Advisers	2132		" HSPOPNJTUT BOE 3FMBUFE Professionals 'BSNJOH BOE 'PSFTUSZ "EWJTFST	
Environmental Protection Professionals	2133	2211	p Biologists, Botanists, Zoologists BOE 3FMBUFE 1SPGFTTJPOBMT	
Industrial and Production Engineers	2141		p "SDIJUFDUT &OHJOFFST BOE 3FMBUFE 1SPGFTTJPOBMT /PU Elsewhere Classified	
Civil Engineers	2142		\$JWJM &OHJOFFST	
Environmental Engineers	2143		p "SDIJUFDUT &OHJOFFST BOE 3FMBUFE 1SPGFTTJPOBMT /PU Elsewhere Classified	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Mechanical Engineers	2144		. F D I B O J D B M & O H J O F F S T	
Chemical Engineers	2145		Chemical Engineers	
Mining Engineers, Metallurgists and Related Professionals	2146		. J O J O H & O H J O F F S T . F U B M M V S H J T U T B O E 3 F M B U F E 1 S P G F T T J P O B M T	
Engineering Professionals Not Elsewhere Classified	2149		p " S D I J U F D U T & O H J O F F S T B O E 3 F M B U F E 1 S P G F T T J P O B M T / P U Elsewhere Classified	
Electrical Engineers	2151		Electrical Engineers	
Electronics Engineers	2152		p & M F D U S P O J D T B O E 5 F M F D P N munications Engineers	
Telecommunications Engineers	2153		p Electronics B O E 5 F M F D P N N V O J D B U J P O T Engineers	
Building Architects	2161		p " S D I J U F D U T 5 P X O B O E 5 S B G G J D Planners	
Landscape Architects	2162		p " S D I J U F D U T 5 P X O B O E 5 S B G G J D Planners	
Product and Garment Designers	2163		p % F D P S B U P S T B O E \$ P N N F S D J B M % F T J H O F S T	
Town and Traffic Planners	2164		p " S D I J U F D U T 5 P X O B O E 5 S B G G J D Planners	
Cartographers and Surveyors	2165		\$ B S U P H S B Q I F S T B O E 4 V S W F Z P S T	
Graphic and Multimedia Designers	2166		p % F D P S B U P S T B O E \$ P N N F S D J B M % F T J H O F S T p 4 D V M Q U P S T 1 B J O C M E R C I B L A R T I S T S F M B U F E " S U J T U T	
Generalist Medical Practitioners	2211	2221	p . F E J D B M % P D U P S T	
Specialist Medical Practitioners	2212	2212	p Pharmacologists, Pathologists B O E 3 F M B U F E 1 S P G F T T J P O B M T Human pathologists, Clinical pathologists, endocrinologists, neuropathologists	
		2221	p . F E J D B M % P D U P S T	
Nursing Professionals	2221		p / V S T J O H B O E . J E X J G F S Z Professionals	
Midwifery Professionals	2222		p / V S T J O H B O E . J E X J G F S Z Professionals	
Traditional and Complementary Medicine Professionals	2230		p . P E F S O ) F B M U I " T T H O D O P A T H S 1 S P G F T T J P O B M T F Y D F Q U / V S T J O H Not Elsewhere Classified p 5 S B E J U J P O B M . F E J D J O F Practitioners	
Paramedical Practitioners	2240		p . F E J D B M " T T J T U B O U T	
Veterinarians	2250	2212	p Pharmacologists, Pathologists B O E 3 F M B U F E 1 S P G F T T J P O B M T Pathologists Veterinarians	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Dentists	2261	2222	% F O U J T U T	
Pharmacists	2262		p Chemists Pharmacists	Industrial pharmacists, pharmaceutical chemists
Environmental and Occupational Health and Hygiene Professionals	2263	2229	p) F B M U I 1 S P G F T T J P O B M T Nursing) Not Elsewhere Classified p 1 F S T P O O F M B O E \$ B S F F S T Professionals p 4 B G F U Z ) F B M U I B O E 2 V B M J U Z Inspectors p Sanitarians	FYDFQU
Physiotherapists	2264		p 1 I Z T J P U I F S B Q J T U T B O E 3 F M B U F E " T T P D J B U F 1 S P G F T T J P O B M T	
Dieticians and Nutritionists	2265		% J F U J D J B O T B O E / V U S J U J P O J T U T	
Audiologists and Speech Therapists	2266		p . P E F S O ) F B M U I " T T P D J B U F 1 S P G F T T J P O B M T F Y D F Q U / V S T J O H Not Elsewhere Classified	
Optometrists and Ophthalmic Opticians	2267		p O Q U P N F U S J T U T B O E O Q U J D J B O T p . P E F S O ) F B M U I " T T P D J B U F 1 S P G F T T J P O B M T F Y D F Q U / V S T J O H Not Elsewhere Classified	
Health Professionals Not Elsewhere Classified	2269	2229	p) F B M U I 1 S P G F T T J P O B M T Nursing) Not Elsewhere Classified p 1 I Z T J P U I F S B Q J T U T B O E 3 F M B U F E " T T P D J B U F 1 S P G F T T J P O B M T Podiatrists, Massage Therapists, Occupational therapists p . P E F S O ) F B M U I " T T P D J B U F 1 S P G F T T J P O B M T F Y D F Q U / V S T J O H Not Elsewhere Classified	FYDFQU
University and Higher Education Teachers	2310		p \$ P M M F H F 6 O J W F S T J U Z B O E ) J H I F S & E V D B U J P O 5 F B D I J O H Professionals	
Vocational Education Teachers	2320		p \$ P M M F H F 6 O J W F S T J U Z B O E ) J H I F S & E V D B U J P O 5 F B D I J O H Professionals p 4 F D P O E B S Z & E V D B U J P O 5 F B D I J O H Professionals	
Secondary Education Teachers	2330		p 4 F D P O E B S Z & E V D B U J P O 5 F B D I J O H Professionals	
Primary School Teachers	2341		1 S J N B S Z & E V D B U J P O 5 F B D I J O H Professionals 1 S J N B S Z & E V D B U J P O 5 F B D I J O H " T T P D J B U F 1 S P G F T T J P O B M T	
Early Childhood Educators	2342		1 S F Q S J N B S Z & E V D B U J P O 5 F B D I J O H Professionals 1 S F Q S J N B S Z & E V D B U J P O 5 F B D I J O H " T T P D J B U F 1 S P G F T T J P O B M T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Education Methods Specialists	2351		& E V D B U J P O . F U I P E T 4 Q F D J B M J T U T	
			School Inspectors	
Special Needs Teachers	2352		4 Q F D J B M & E V D B U J P O 5 F B D I J O H	Professionals
			4 Q F D J B M & E V D B U J P O 5 F B D I J O H	" T T P D J B U F 1 S P G F T T J P O B M T
Other Language Teachers	2353		p O U I F S 5 F B D I J O H 1 S P G F T T J P O B M T	Not Elsewhere Classified
			p O U I F S 5 F B D I J O H " T T P D J B U F	Professionals
Other Music Teachers	2354		p O U I F S 5 F B D I J O H 1 S P G F T T J P O B M T	Not Elsewhere Classified
Other Arts Teachers	2355		p O U I F S 5 F B D I J O H 1 S P G F T T J P O B M T	Not Elsewhere Classified
			p O U I F S 5 F B D I J O H " T T P D J B U F	Professionals
Information Technology Trainers	2356		p O U I F S 5 F B D I J O H 1 S P G F T T J P O B M T	Not Elsewhere Classified
			p O U I F S 5 F B D I J O H " T T P D J B U F	Professionals
Teaching Professionals Not Elsewhere Classified	2359		p O U I F S 5 F B D I J O H 1 S P G F T T J P O B M T	Not Elsewhere Classified
			p O U I F S 5 F B D I J O H " T T P D J B U F	Professionals
Accountants	2411		p " D D P V O U B O U T	
Financial and Investment Advisers	2412		p " D D P V O U B O U T	
			p Business Professionals Not Elsewhere Classified	
			p 4 F D V S J U J F T B O E ' J O B O D F % F B M F S T	B O E # S P L F S T
Financial Analysts	2413		p Business Professionals Not Elsewhere Classified	
Management and Organization Analysts	2421		p Business Professionals Not Elsewhere Classified	
Policy Administration Professionals	2422		p Business Professionals Not Elsewhere Classified	
Personnel and Careers Professionals	2423		p 1 F S T P O O F M B O E \$ B S F F S T	Professionals
Training and Staff Development Professionals	2424		p 1 F S T P O O F M B O E \$ B S F F S T	Professionals
Advertising and Marketing Professionals	2431		p Business Professionals Not Elsewhere Classified	
			p " V U I P S T + P V S O B M J E W F S B U J E J O U H I F S P Q Z X S J U F S T	Writers

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Public Relations Professionals	2432		p Business Professionals Not Elsewhere Classified p " V U I P S T + P V S O B M P U B L I C R E L A T I O N S C O P Y W R I T E R S Writers	
Technical and Medical Sales Professionals (excluding ICT)	2433		p 5 F D I O J D B M B O E \$ P N N F S D J B M 4 B M F T 3 F Q S F T F O U B U J W F T	
Information and Communications Technology Sales Professionals	2434		p 5 F D I O J D B M B O E \$ P N N F S D J B M 4 B M F T 3 F Q S F T F O U B U J W F T	
Systems Analysts	2511		p \$ P N Q V U F S 4 Z T U F N T % F T J H O F S T B O E " O B M Z T U T	
Software Developers	2512		p \$ P N Q V U F S 4 Z T U F N T % F T J H O F S T B O E " O B M Z T U T	
Web and Multimedia Developers	2513		p \$ P N Q V U F S 4 Z T U F N T % F T J H O F S T B O E " O B M Z T U T p Computer Programmers p Computing Professionals Not Elsewhere Classified	
Applications Programmers	2514		p Computer Programmers	
Software and Applications Developers and Analysts Not Elsewhere Classified	2519		p \$ P N Q V U F S 4 Z T U F N T % F T J H O F S T B O E " O B M Z T U T p Computer Programmers p Computing Professionals Not Elsewhere Classified	
Database Designers and Administrators	2521		p \$ P N Q V U F S 4 Z T U F N T % F T J H O F S T B O E " O B M Z T U T	
Systems Administrators	2522		p \$ P N Q V U F S 4 Z T U F N T % F T J H O F S T B O E " O B M Z T U T	
Computer Network Professionals	2523		p \$ P N Q V U F S 4 Z T U F N T % F T J H O F S T B O E " O B M Z T U T p Computer Programmers Communications programmers	
Database and Network Professionals Not Elsewhere Classified	2529		p Computing Professionals Not Elsewhere Classified	
Lawyers	2611		Lawyers	
Judges	2612		Judges	
Legal Professionals Not Elsewhere Classified	2619		Legal Professionals Not Elsewhere Classified	
Archivists and Curators	2621		" S D I J W J T U T B O E \$ V S B U P S T	
Librarians and Related Information Professionals	2622		- J C S B S J B O T B O E 3 F M B U F E Information Professionals	
Economists	2631		Economists	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Sociologists, Anthropologists and Related Professionals	2632		4 P D J P M P H J T U T B O E 3 F M B U F E 1 S P G F T T J P O B M T	" O U I S P Q P M P H J T U T
Philosophers, Historians and Political Scientists	2633		Philosophers, Historians B O E 1 P M J U J D B M 4 D J F O U J T U T	
Psychologists	2634		Psychologists	
Social Work and Counselling Professionals	2635		Social Work Professionals	
Religious Professionals	2636		Religious Professionals	
Authors and Related Writers	2641		p " V U I P S T + P V S O B M J T U T Writers	B O E O U I F S
Journalists	2642		p " V U I P S T + P V S O B M J T U T Writers p 3 B E J P 5 F M F W J T J P O E B B E J O U I F S S W J F X F S T " O O P V O D F S T	
Translators, Interpreters and Other Linguists	2643		1 I J M P M P H J T U T B O E * O U F S Q S F U F S T	5 S B O T M B U P S T
Visual Artists	2651		p 4 D V M Q U P S T 1 B J O U F S T " S U J T U T	B O E 3 F M B U F E
Musicians, Singers and Composers	2652		\$ P N Q P T F S T . V T J D J B O T B O E 4 J O H F S T p 4 U S F F U / J H I U D M V C . V T J D J B O T 4 J O H F S T	B O E 3 F M B U F E B O E % B O D F S T
Dancers and Choreographers	2653		\$ I P S F P H S B Q I F S T p 4 U S F F U / J H I U D M V C . V T J D J B O T 4 J O H F S T	B O E % B O D F S T B O E % B O D F S T
Film, Stage and Related Directors and Producers	2654	1229	p 1 S P E V D U J P O % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified p ' J M N 4 U B H F B O E % J S F D U P S T	B O E O Q F S B U J P O T B O E 3 F M B U F E " D U P S T
Actors	2655		p ' J M N 4 U B H F B O E % J S F D U P S T	B O E 3 F M B U F E " D U P S T
Announcers on Radio, Television and Other Media	2656		p 3 B E J P 5 F M F W J T J P O " O O P V O D F S T	B O E O U I F S
Creative and Performing Artists Not Elsewhere Classified	2659		p \$ M P X O T . B H J D J B O T B O E 3 F M B U F E " T T P D J B U F Professionals	" D S P C B U T
Chemical and Physical Science Technicians	3111		\$ I F N J D B M 5 F D I O J D J B O T	B O E 1 I Z T J D B M 4 D J F O D F
Civil Engineering Technicians	3112		\$ J W J M & O H J O F F S J O H p # V J M E J O H	5 F D I O J D J B O T B O E ' J S F * O T Q F D U P S T
Electrical Engineering Technicians	3113		Electrical Engineering 5 F D I O J D J B O T p 4 B G F U Z ) F B M U I Inspectors	Quality Inspectors (Electrical products)

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Electronics Engineering Technicians	3114		p Electronics B O E 5 F M F D P N N V O J D B U J P O T & O H J O F F S J O H 5 F D I O J D J B O T	
			p 4 B G F U Z ) F B M U I B O J E O 2 V B M G F U Z Z J O T Q F D U P S T Inspectors (Quality Inspectors (electronic products))	
Mechanical Engineering Technicians	3115		. F D I B O J D B M & O H J O F F S J O H 5 F D I O J D J B O T	
			p 4 B G F U Z ) F B M U I B O J E O 2 V B M G F U Z Z J O T Q F D U P S T Inspectors (Vehicle Inspectors, Z N F D I B O J D B M Q S P E V D U T R V B M B O E T B G F U Z J O T Q F D U P S T	
Chemical Engineering Technicians	3116		p Chemical Engineering 5 F D I O J D J B O T	
Mining and Metallurgical Technicians	3117		. J O J O H B O E . F U B M M V S H J D B M 5 F D I O J D J B O T	
			p 4 B G F U Z ) F B M U I B O J E O 2 V B M G F U Z Z J O T Q F D U P S T Inspectors	
Draughtspersons	3118		% S B V H I U T Q F S T P O T	
Physical and Engineering Science Technicians Not Elsewhere Classified	3119		1 I Z T J D B M B O E & O H J O F F S J O H 4 D J F O D F 5 F D I O J D J B O T / P U Elsewhere Classified	
			p # V J M E J O H B O E ' J S F * O T Q F D U P S T ' J S F J O W F T	
Mining Supervisors	3121	7111	p . J O F S T B O E 2 V B S S Z 8 P S L F S T p . J O J O H Q M B O U O Q F S B U P S T	
Manufacturing Supervisors	3122		p " V U P N B U F E B T T F N C M Z M J O F Operators p Industrial-robot Operators p . B D I J O F U P P M O Q F S B U P S T p 1 I B S N B D F V U J D B M B O E 5 P J M F U S Z Q S P E V D U T . B D I J O F O Q F S B U P S T p " N N V O J U J P O B O E & Y Q M P T J W F Q S P E V D U T . B D I J O F O Q F S B U P S T p . F U B M ' J O J T I J O H 1 M B U J O H B O E \$ P B U J O H N B D I J O F O Q F S B U P S T p 1 I P U P H S B Q I J D Q S P E V D U T . B D I J O F Operators p \$ I F N J D B M Q S P E V D U T . B D I J O F Operators Not Elsewhere Classified p 3 V C C F S Q S P E V D U T . B D I J O F Operators p 1 M B T U J D Q S P E V D U T . B D I J O F Operators p 8 P P E Q S P E V D U T . B D I J O F Operators p Printing-machine Operators p Bookbinding-machine Operators p 1 B Q F S Q S P E V D U T . B D I J O F Operators p Fibre-preparing-, Spinning- B O E 8 J O E J O H N B D I J O F O Q F S B U P S T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Manufacturing Supervisors			p 8 F B W J O H B O E , O J U U J O H N B D I J O F Operators	
			p Sewing-machine Operators	
			p # M F B D I J O H % Z F J O H B O E \$ M F B O J O H N B D I J O F Operators	
			p ' V S B O E - F B U I F S Q S F Q B S J O H machine Operators	
			p 4 I P F N B L J O H B O E 3 F M B U F E . B D I J O F O Q F S B U P S T	
			p 5 F Y U J M F ' V S B O E - F B U I F S Q S P E V D U T . B D I J O F O Q F S B U P S T Not Elsewhere Classified	
			p . F B U B O E ' J T I Q S P D F T T J O H machine Operators	
			p % B J S Z Q S P E V D U T . B D I J O F Operators	
			p ( S B J O B O E 4 Q J D F N J M M J O H machine Operators	
			p Baked-goods, Cereal B O E \$ I P D P M B U F Q S P E V D U T . B D I J O F O Q F S B U P S T	
			p ' S V J U 7 F H F U B C M F B O E / V U processing-machine Operators	
			p 4 V H B S 1 S P E V D U J P O . B D I J O F Operators	
			p 5 F B \$ P G G F F B O E \$ P D P B processing-machine Operators	
			p # S F X F S T 8 J O F B O E O U I F S # F W F S B H F . B D I J O F O Q F S B U P S T	
			p 5 P C B D D P 1 S P E V D U J P O . B D I J O F Operators	
			p . F D I B O J D B M N B D I J O F S Z " T T F N C M F S T	
			p & M F D U S J D B M F R V J Q N F O U " T T F N C M F S T	
			p & M F D U S P O J D F R V J Q N F O U " T T F N C M F S T	
			p . F U B M 3 V C C F S B O E 1 M B T U J D Q S P E V D U T " T T F N C M F S T	
			p 8 P P E B O E 3 F M B U F E 1 S P E V D U T " T T F N C M F S T	
			p 1 B Q F S C P B S E 5 F Y U J M F B O E 3 F M B U F E 1 S P E V D U T " T T F N C M F S T	
			p O U I F S . B D I J O F O Q F S B U P S T B O E " T T F N C M F S T	
Construction Supervisors	3123		p 1 S P E V D U J P O B O E O Q F S B U J P O T % F Q B S U N F O U . B O B H F S T J O Construction	
		7129	p # V J M E J O H ' S B N F B O E 3 F M B U F E 5 S B E F T 8 P S L F S T / P U & M T F X I F S F Classified	
Power Production Plant Operators	3131		Power-production Plant Operators	



ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Incinerator and Water Treatment Plant Operators	3132		Incinerator, Water-treatment B O E 3 F M B U F E 1 M B O U O Q F S B U P S T	
Chemical Processing Plant Controllers	3133		p Chemical Engineering 5 F D I O J D J B O T	Chemical process technicians
			p Chemical-heat-treating-plant Operators	
			p Chemical-filtering- B O E 4 F Q B S B U J O H F R V J Q N F O U Operators	
			p \$ I F N J D B M T U J M M B O E 3 F B D U P S O Q F S B U P S T F Y D F Q U 1 F U S P M F V N B O E / B U V S B M ( B T	
			p Chemical-processing-plant Operators Not Elsewhere Classified	
Petroleum and Natural Gas Refining Plant Operators	3134		p 1 F U S P M F V N B O E / B U V S B M H B T refining-plant Operators	
Metal Production Process Controllers	3135		p O S F B O E . F U B M ' V S O B D F Operators	
			p . F U B M . F M U F S T \$ B T U F S T B O E 3 P M M J O H N J M M O Q F S B U P S T	
			p . F U B M I F B U U S F B U J O H Q M B O U Operators	
			p . F U B M % S B X F S T B O E & Y U S V E F S T	
Process Control Technicians Not Elsewhere Classified	3139		Industrial Robot Controllers	
			p Paper-pulp Plant Operators	
			p Papermaking-plant Operators	
			p " V U P N B U F E B T T F N C M Z M J O F Operators	
			p Industrial-robot Operators	
Life Science Technicians (excluding Medical)	3141		p - J G F 4 D J F O D F 5 F D I O J D J B O T	
Agricultural Technicians	3142		p " H S P O P N Z B O E ' P S F T U S Z 5 F D I O J D J B O T	
Forestry Technicians	3143		p " H S P O P N Z B O E ' P S F T U S Z 5 F D I O J D J B O T	
Ships Engineers	3151		Ships Engineers	
Ships Deck Officers and Pilots	3152		4 I J Q T % F D L O G G J D F S T B O E 1 J M P U T	
Aircraft Pilots and Related Associate Professionals	3153		" J S D S B G U 1 J M P U T B O E 3 F M B U F E " T T P D J B U F 1 S P G F T T J P O B M T	
			p O U I F S 5 F B D I J O H " F l y i n g I n s t r u c t o r s Professionals	
Air Traffic Controllers	3154		" J S 5 S B G G J D \$ P O U S P M M F S T	
Air Traffic Safety Electronics Technicians	3155		" J S 5 S B G G J D 4 B G F U Z 5 F D I O J D J B O T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Medical Imaging and Therapeutic Equipment Technicians	3211		. FEJDBM & RVJQNFOU OQFSBUPST	
Medical and Pathology Laboratory Technicians	3212		p - JGF 4DJFODF 5FDIOJDBOT	
Pharmaceutical Technicians and Assistants	3213		1IBSNBDFVUJDBM "TTJTUBOUT	
Medical and Dental Prosthetic Technicians	3214		p 11ZTJPUIFSBQJTUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	Prosthetic Technicians Prosthetic Technicians
Nursing Associate Professionals	3221		p /VSTJOH BOE .JEXJGFSZ Professionals /VSTJOH "TTPDJBUF 1SPGFTTJPOBMT	
Midwifery Associate Professionals	3222		p /VSTJOH BOE .JEXJGFSZ Professionals .JEXJGFSZ "TTPDJBUF Professionals	
Traditional and Complementary Medicine Associate Professionals	3230		p 5SBEJUJPOBM .FEJDJOF Practitioners	
Veterinary Technicians and Assistants	3240		7FUFJSJOBSZ "TTJTUBOUT	
Dental Assistants and Therapists	3251		%FOUBM "TTJTUBOUT	
Medical Records and Health Information Technicians	3252		p Coding, Proof-reading BOE 3FMBUFE \$MFSLT	
Community Health Workers	3253		p .FEJDBM "TTJTUBOUT	
Dispensing Opticians	3254		p OQUPNFUSJTUT BOE OQUJDBOT	
Physiotherapy Technicians and Assistants	3255		p 11ZTJPUIFSBQJTUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	
Medical Assistants	3256		p .FEJDBM "TTJTUBOUT	
Environmental and Occupational Health Inspectors and Associates	3257		p 4BGFUZ )FBMUI BOE 2VBMJUZ Inspectors p Sanitarians	
Ambulance Workers	3258		p Institution-based Personal Care Workers	
Health Associate Professionals Not Elsewhere Classified	3259		p .PEFSO )FBMUI "TTPDJBUF 1SPGFTTJPOBMT FYDFQU /VSTJOH Not Elsewhere Classified	
Securities and Finance Dealers and Brokers	3311		p 4FDVSJUJFT BOE 'JOBODF %FBMFST BOE #SPLFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Credit and Loans Officers	3312		p ' J O B O D F B O E 4 B M F ' M U T P P B U B * U F \$ O Professionals Not Elsewhere Classified	the only correspondence M J T U F E G P S * 4 \$ O Q P T T J C J M J U J F T T V D I B T C F D P O T J E F S F E B T J T B residual group.
Accounting Associate Professionals	3313		Bookkeepers p 4 U B U J T U J D B M . B U I F N B U J D B M B O E 3 F M B U F E " T T P D J B U F Professionals	
Statistical, Mathematical and Related Associate Professionals	3314		p 4 U B U J T U J D B M . B U I F N B U J D B M B O E 3 F M B U F E " T T P D J B U F Professionals	
Valuers and Loss Assessors	3315		p " Q Q S B J T F S T 7 B M V F S T B O E " V D U J P O F F S T	
Insurance Representatives	3321		* O T V S B O D F 3 F Q S F T F O U B U J W F T	
Commercial Sales Representatives	3322		p 5 F D I O J D B M B O E \$ P N N F S D J B M 4 B M F T 3 F Q S F T F O U B U J W F T	
Buyers	3323		Buyers	
Trade Brokers	3324		5 S B E F # S P L F S T	
Clearing and Forwarding Agents	3331		\$ M F B S J O H B O E ' P S X B S E J O H " H F O U T	
Conference and Event Planners	3332		p " E N J O J T U S B U J W F " T T P D J B U F Professionals Not Elsewhere Classified	
Employment Agents and Contractors	3333		& N Q M P Z N F O U " H F O U T B O E - B C P V S Contractors	
Real Estate Agents and Property Managers	3334		& T U B U F " H F O U T	
Business Services Agents Not Elsewhere Classified	3339		p Business Professionals Not Elsewhere Classified p 5 S B W F M \$ P O T V M U B D R V M S P Q F S B U P S T B O E O S H B O J T F S T p " Q Q S B J T F S T 7 B M V " F V S D T U J P O F F S T B O E " V D U J P O F F S T p # V T J O F T T 4 F S W J D U F T e r a r y H u s i c a l s p o r t s B O E 5 S B E F # S P L F S B O / P W I F B U S J D B M B H F O U T Elsewhere Classified	Patent agents
Office Supervisors	3341		p " E N J O J T U S B U J W F 4 F D S F U B S J F T B O E 3 F M B U F E " T T P D J B U F Professionals p " E N J O J T U S B U J W F " O f f i c e D a n g e r s , o f f i c e Professionals Not Elsewhere Classified administrators, clerical T V Q F S W J T P S T p 4 U F O P H S B Q I F S T B O E 5 Z Q J T U T p 8 P S E Q S P D F T T P S B O E 3 F M B U F E Operators p % B U B & O U S Z O Q F S B U P S T p Calculating-machine Operators	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Office Supervisors			p Secretaries	
			p "DDPVOUJOH BOE #PPLLFQJOH Clerks	
			p 4UBUJTUJDBM BOE 'JOBODF \$MFSLT	
			p Stock Clerks	
			p Production Clerks	
			p 5SBOTQPSU \$MFSLT	
			p -JCSBSZ BOE 'JMJOH \$MFSLT	
			p .BJM \$BSSJFST BOE 4PSUJOH \$MFSLT	
			p Coding, Proof-reading BOE 3FMBUFE \$MFSLT	
			p Other Office Clerks	
			p 3FDFQUJPOJTUT BOE *OGPSNBUJPO Clerks	
			p 5FMFQIPOF 4XJUDICPBSE Operators	
Legal Secretaries	3342		p "ENJOJTUSBUJWF 4FDSFUBSJFT BOE 3FMBUFE "TTPDJBUF Professionals	
			p Secretaries	
Administrative and Executive Secretaries	3343		p "ENJOJTUSBUJWF 4FDSFUBSJFT BOE 3FMBUFE "TTPDJBUF Professionals	
			p "ENJOJTUSBUJWF "&YPDVBWUF TFDSFUBSJFT UP Professionals Not Elsewhere Classified HPWFSONFOU EFQBSUNFOU BOE PGGJDBM DPNNJUUFFT	
Medical Secretaries	3344		p "ENJOJTUSBUJWF 4FDSFUBSJFT BOE 3FMBUFE "TTPDJBUF Professionals	
			p Secretaries	
Customs and Border Inspectors	3351		\$VTUPNT BOE #PSEFS *OTQFDUPST	
Government Tax and Excise Officials	3352		(PWFSONFOU 5BY BOE &YDJTF Officials	
Government Social Benefits Officials	3353		(PWFSONFOU 4PDJBM #FOFGJUT Officials	
Government Licensing Officials	3354		(PWFSONFOU -JDFOTJOH OGGJDBMT	
Police Inspectors and Detectives	3355		p 1PMJDF *OTQFDUPST BOE %FUFDUJWFT	
Government Regulatory Associate Professionals Not Elsewhere Classified	3359		p "ENJOJTUSBUJWF "TETNPJQJBTUFSBUJWF DPOTVMB S Professionals Not Elsewhere Classified officials	
			\$VTUPNT 5BY BOE 3FMBUFE (PWFSONFOU "TTPDJBUF Professionals Not Elsewhere Classified	
Legal and Related Associate Professionals	3411		-FHBM BOE 3FMBUFE #VTJOFTT "TTPDJBUF 1SPGFTTJPOBMT	
			p 1PMJDF *OTQFDUPST BOE %FUFDUJWFT 1SJWBUP BOE EFUFDUJWFT TUPSF EFUF	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Social Work Associate Professionals	3412		4 P D J B M 8 P S L Professionals	" T T P D J B U F
Religious Associate Professionals	3413		Faith Healers  3 F M J H J P V T Professionals	" T T P D J B U F
Athletes and Sports Players	3421		p " U I M F U F T 4 Q P S U T Q F S T P O T B O E 3 F M B U F E Professionals	" T T P D J B U F
Sports Coaches, Instructors and Officials	3422		p " U I M F U F T 4 Q P S U T Q F S T P O T B O E 3 F M B U F E Professionals	" T T P D J B U F
Fitness and Recreation Instructors and Programme Leaders	3423		p O U I F S 5 F B D I J O H Professionals	" S a i l i n g D i s t r i b u t o r s , V O E F S X B U F S E J W J O H J O T U S V D
Photographers	3431		p " U I M F U F T 4 Q P S U T Q F S T P O T B O E 3 F M B U F E Professionals	" T T P D J B U F
Interior Designers and Decorators	3432		p 1 I P U P H S B Q I F S T B O E * N B H F B O E 4 P V O E 3 F D P S E J O H & R V J Q N F O U O Q F S B U P S T	
Gallery, Museum and Library Technicians	3433		p % F D P S B U P S T B O E \$ P N N F S D J B M % F T J H O F S T	" E N J O J T U S B U J W F Libra ry Deco rators Professionals Not Elsewhere Classified
Chefs	3434		p % F D P S B U P S T B O E \$ P N N F S D B O M H B M M F S Z % F T J H O F S T	technicians
Other Artistic and Cultural Associate Professionals	3435	1229	p C o o k s	
			p 1 S P E V D U J P O B O E % F Q B S U N F O U . B O B H F S T / P U Elsewhere Classified	S t a g e M a n a g e r s O T
			p % F D P S B U P S T B O E \$ P N N F S D J B M % F T J H O F S T	C P E Z B S U J T U T
			p \$ M P X O T . B H J D J B B O E 3 F M B U F E " T T P D J B U F E B S B O H F P G P U I F S Professionals	S t u n t c o o r d i n a t o r s J W a l k e r s performing arts support occupations classified in * 4 \$ O N B Z I B W F C F F O D M B T T J G J F E J O * 4 \$ O
Information and Communications Technology Operations Technicians	3511		\$ P N Q V U F S & R V J Q N F O U O Q F S B U P S T	
Information and Communications Technology User Support Technicians	3512		p \$ P N Q V U F S " T T J T U B O U T	
Computer Network and Systems Technicians	3513		p \$ P N Q V U F S " T T J T U B O U T	
Web Technicians	3514		p \$ P N Q V U F S " T T J T U B O U T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Broadcasting and Audiovisual Technicians	3521		p 1 I P U P H S B Q I F S T B O E * N B H F B O E 4 P V O E 3 F D P S E J O H & R V J Q N F O U O Q F S B U P S T	
			p Broadcasting B O E 5 F M F D P N N V O J D B U J P O T & R V J Q N F O U O Q F S B U P S T	
Telecommunications Engineering Technicians	3522		p Electronics B O E 5 F M F D P N N V O J D B U J P O T & O H J O F F S J O H 5 F D I O J D J B O T	
			p Broadcasting B O E 5 F M F D P N N V O J D B U J P O T & R V J Q N F O U O Q F S B U P S T	
General Office Clerks	4110		p Other Office Clerks	
Secretaries (general)	4120		p Secretaries	
Typists and Word Processing Operators	4131		p 4 U F O P H S B Q I F S T B O E 5 Z Q J T U T	
			p 8 P S E Q S P D F T T P S B O E 3 F M B U F E Operators	
Data Entry Clerks	4132		p % B U B & O U S Z O Q F S B U P S T	
			p Calculating-machine Operators	
Bank Tellers and Related Clerks	4211		p \$ B T I J F S T B O E 5 J D B a n k c a s h e r s L T	
			5 F M M F S T B O E O U I F S \$ P V O U F S \$ M F S L T / P U F U I D P E F E " T T J T B O U C B O L U P - F H B M B O E 3 F M B U F E # V T J O F T " T T P D J B U F 1 S P G F T T J P O B M T	
Bookmakers, Croupiers and Related Gaming Workers	4212		p \$ B T I J F S T B O E 5 J D C l e r k , b o o k m a k i n g c o d e d t o J O * 4 \$ 0 J O E F Y	
			# P P L N B L F S T B O E \$ S P V Q J F S T	
Pawnbrokers and Money-lenders	4213		1 B X O C S P L F S T B O E . P O F Z M F O E F S T	
Debt Collectors and Related Workers	4214		% F C U D P M M F D U P S T B O E 3 F M B U F E Workers	
Travel Consultants and Clerks	4221		p 5 S B W F M \$ P O T V M U B O U T B O E O S H B O J T F S T	
			5 S B W F M " H F O D Z B O E 3 F M B U F E Clerks	
			p 5 S B W F M " U U F O E B O ' W T S B O E 5 S B F V D L M J O B U U F O E B O Stewards	
Contact Centre Information Clerks	4222		p 3 F D F Q U J P O J T U T B O E * O G P S N B U J P O Clerks	
Telephone Switchboard Operators	4223		p 5 F M F Q I P O F 4 X J U D I C P B S E Operators	
Hotel Receptionists	4224		p 3 F D F Q U J P O J T U T B O E * O G P S N B U J P O Clerks	
Inquiry Clerks	4225		p 3 F D F Q U J P O J T U T B O E * O G P S N B U J P O Clerks	
Receptionists (general)	4226		p 3 F D F Q U J P O J T U T B O E * O G P S N B U J P O Clerks	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Survey and Market Research Interviewers	4227		p Other Office Clerks	
Client Information Workers Not Elsewhere Classified	4229		p 3 F D F Q U J P O J T U T B O E * O G P S N B U J P O Clerks	
Accounting and Bookkeeping Clerks	4311		p " D D P V O U J O H B O E # P P L L F F Q J O H Clerks	
Statistical, Finance and Insurance Clerks	4312		p 4 U B U J T U J D B M B O E ' J O B O D F \$ M F S L T \$ P O T J E F S O B U J P O B M D P O U F Y U T * 4 \$ O J O E F Y J O D M V E F E C S P L F S T B T T J T U B O U T B O E J O T V S B O D F D M B J N T B E K V T U N F O U B O E Q P assistants there.	
Payroll Clerks	4313		p " D D P V O U J O H B O E # P P L L F F Q J O H Clerks	
Stock Clerks	4321		p Stock Clerks	
Production Clerks	4322		p Production Clerks	
Transport Clerks	4323		p 5 S B O T Q P S U \$ M F S L T	
Library Clerks	4411		p - J C S B S Z B O E ' J M J O H \$ M F S L T	
Mail Carriers and Sorting Clerks	4412		p . B J M \$ B S S J F S T B O E 4 P S U J O H \$ M F S L T	
Coding, Proofreading and Related Clerks	4413		p Coding, Proof-reading B O E 3 F M B U F E \$ M F S L T	
Scribes and Related Workers	4414		p 4 D S J C F T B O E 3 F M B U F E 8 P S L F S T	
Filing and Copying Clerks	4415		p - J C S B S Z B O E ' J M J O H \$ M F S L T	
Personnel Clerks	4416		p Other Office Clerks	
Clerical Support Workers Not Elsewhere Classified	4419		p Other Office Clerks	
Travel Attendants and Travel Stewards	5111		p 5 S B W F M " U U F O E B O U T B O E 5 S B W F M Stewards	
Transport Conductors	5112		5 S B O T Q P S U \$ P O E V D U P S T	
Travel Guides	5113		5 S B W F M ( V J E F T	
Cooks	5120		p Cooks	
Waiters	5131		p Waiters, Waitresses B O E # B S U F O E F S T	
Bartenders	5132		p Waiters, Waitresses B O E # B S U F O E F S T	
Hairdressers	5141		p Hairdressers, Barbers, # F B V U J D J B O T B O E 3 F M B U F E 8 P S L F S T	
Beauticians and Related Workers	5142		p Hairdressers, Barbers, # F B V U J D J B O T B O E 3 F M B U F E 8 P S L F S T	
Cleaning and Housekeeping Supervisors in Offices, Hotels and Other Establishments	5151		p ) P V T F L F F Q F S T B O E 3 F M B U F E Workers	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Domestic Housekeepers Workers	5152		p ) P V T F L F F Q F S T B O E 3 F M B U F E	
Building Caretakers	5153		Building Caretakers	
Astrologers, Fortune-tellers and Related Workers	5161		" T U S P M P H F S T B O E 3 F M B U F E 8 P S L F S T	
			Fortune-tellers, Palmists B O E 3 F M B U F E 8 P S L F S T	
Companions and Valets	5162		\$ P N Q B O J P O T B O E 7 B M F U T	
Undertakers and Embalmers	5163		6 O E F S U B L F S T B O E & N C B M N F S T	
Pet Groomers and Animal Care Workers	5164		p 1 F S T P O B M \$ B S F B O E 1 0 F M B U F E Workers Not Elsewhere Classified	
			p . B S L F U P S J F O U F E " O J N B M 1 S P E V D F S T B O E 3 F M B U F E 8 P S L F S T Not Elsewhere Classified	
Driving Instructors	5165		p O U I F S 5 F B D I J O H " T T P D J B U F Professionals	
Personal Services Workers Not Elsewhere Classified	5169		O U I F S 1 F S T P O B M 4 F S W J D F T 8 P S L F S T Not Elsewhere Classified	
Stall and Market Salespersons	5211		p 4 U B M M B O E . B S L F U 4 B M F T Q F S T P O T	
Street Food Salespersons	5212	9111	Street Food Vendors	
Shopkeepers	5221		p ( F O F S B M . B O B H F S T J O 8 I P M F T B M F B O E 3 F U B J M 5 S B E F	
Shop Supervisors	5222		p Shop Salespersons B O E % F N P O T U S B U P S T	
Shop Sales Assistants	5223		p Shop Salespersons B O E % F N P O T U S B U P S T	
Cashiers and Ticket Clerks	5230		p \$ B T I J F S T B O E 5 J D L F U \$ M F S L T	
Fashion and Other Models	5241		' B T I J P O B O E O U I F S . P E F M T	
Sales Demonstrators	5242		p Shop Salespersons B O E % F N P O T U S B U P S T	
Door-to-door Salespersons	5243		p % P P S U P E P P S B O E 5 F M F Q I P O F Salespersons	
Contact Centre Salespersons	5244		p % P P S U P E P P S B O E 5 F M F Q I P O F Salespersons	
Service Station Attendants	5245		p Shop Salespersons B O E % F N P O T U S B U P S T	
Food Service Counter Attendants	5246		p Shop Salespersons B O E % F N P O T U S B U P S T p 4 U B M M B O E . B S L F U 4 B M F T Q F S T P O T	
Sales Workers Not Elsewhere Classified	5249		p Shop Salespersons Rental salespersons B O E % F N P O T U S B U P S T	



ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Child Care Workers	5311		p Child-care Workers	
Teachers Aides	5312		p Child-care Workers	
Health Care Assistants	5321		p Institution-based Personal Care Workers	
Home-based Personal Care Workers	5322		Home-based Personal Care Workers	
Personal Care Workers in Health Services Not Elsewhere Classified	5329		p Institution-based Personal Care Workers	Hospital orderlies, medical imaging assistants, dental aides
			p 1 F S T P O B M \$ B S F B O E 3 F M B U F E	Workers Not Elsewhere Classified
Firefighters	5411		Fire-fighters	
Police Officers	5412		Police Officers	
Prison Guards	5413		1 S J T P O ( V B S E T	
Security Guards	5414		p 1 S P U F D U J W F 4 F S W J D F T 8 P S L F S T / P U	Elsewhere Classified
			p % P P S L F F Q F S T 8 B U D I Q F S T P O T	B O E 3 F M B U F E 8 P S L F S T
Protective Services Workers Not Elsewhere Classified	5419		p 1 S P U F D U J W F 4 F S W J D F T 8 P S L F S T / P U	Elsewhere Classified
Field Crop and Vegetable Growers	6111		p ( F O F S B M . B O B H F S T J O	" H S J D V M U V S F ) V O U J O H ' P S F T U S Z
			B O E ' J T I J O H	' J F M E \$ S P Q B O E 7 F H F U B C M F
			( S P X F S T	
Tree and Shrub Crop Growers	6112		p ( F O F S B M . B O B H F S T J O	" H S J D V M U V S F ) V O U J O H ' P S F T U S Z
			B O E ' J T I J O H	5 S F F B O E 4 I S V C \$ S P Q ( S P X F S T
Gardeners; Horticultural and Nursery Growers	6113		p ( F O F S B M . B O B H F S T J O	" H S J D V M U V S F ) V O U J O H ' P S F T U S Z
			B O E ' J T I J O H	p ( B S E F O F S T ) P S U J D V M U V S B M
			B O E / V S T F S Z ( S P X F S T	
Mixed Crop Growers	6114		p ( F O F S B M . B O B H F S T J O	" H S J D V M U V S F ) V O U J O H ' P S F T U S Z
			B O E ' J T I J O H	. J Y F E D S P Q ( S P X F S T
Livestock and Dairy Producers	6121		p ( F O F S B M . B O B H F S T J O	" H S J D V M U V S F ) V O U J O H ' P S F T U S Z
			B O E ' J T I J O H	% B J S Z B O E - J W F T U P D L 1 S P E V D F S T
			p . J Y F E B O J N B M 1 S P E V D F S T	
Poultry Producers	6122		p ( F O F S B M . B O B H F S T J O	" H S J D V M U V S F ) V O U J O H ' P S F T U S Z
			B O E ' J T I J O H	Poultry Producers
			p . J Y F E B O J N B M 1 S P E V D F S T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Apiarists and Sericulturists	6123		" Q J B S J T U T B O E 4 F S J D V M U V S J T U T p . J Y F E B O J N B M 1 S P E V D F S T	
Animal Producers Not Elsewhere Classified	6129		p . B S L F U P S J F O U F E " O J N B M 1 S P E V D F S T B O E 3 F M B U F E 8 P S L F S T Not Elsewhere Classified	
Mixed Crop and Animal Producers	6130		p ( F O F S B M . B O B H F S T J O " H S J D V M U V S F ) V O U J O H ' P S F T U S Z B O E ' J T I J O H . B S L F U P S J F O U F E \$ S P Q B O E " O J N B M 1 S P E V D F S T	
Forestry and Related Workers	6210		p ( F O F S B M . B O B H F S T J O " H S J D V M U V S F ) V O U J O H ' P S F T U S Z B O E ' J T I J O H ' P S F T U S Z 8 P S L F S T B O E - P H H F S T \$ I B S D P B M # V S O F S T B O E 3 F M B U F E Workers	
Aquaculture Workers	6221		p ( F O F S B M . B O B H F S T J O " H S J D V M U V S F ) V O U J O H ' P S F T U S Z B O E ' J T I J O H " R V B U J D M J G F \$ V M U J W B U J P O 8 P S L F S T	
Inland and Coastal Waters Fishery Workers	6222		p ( F O F S B M . B O B H F S T J O " H S J D V M U V S F ) V O U J O H ' P S F T U S Z B O E ' J T I J O H p * O M B O E B O E \$ P B T U B M 8 B U F S T Fishery Workers	
Deep-sea Fishery Workers	6223		p ( F O F S B M . B O B H F S T J O " H S J D V M U V S F ) V O U J O H ' P S F T U S Z B O E ' J T I J O H % F F Q T F B ' J T I F S Z 8 P S L F S T	
Hunters and Trappers	6224		) V O U F S T B O E 5 S B Q Q F S T	
Subsistence Crop Farmers	6310		p 4 V C T J T U F O D F " H S J D V M U V S B M B O E ' J T I F S Z 8 P S L F S T	
Subsistence Livestock Farmers	6320		p 4 V C T J T U F O D F " H S J D V M U V S B M B O E ' J T I F S Z 8 P S L F S T	
Subsistence Mixed Crop and Livestock Farmers	6330		p 4 V C T J T U F O D F " H S J D V M U V S B M B O E ' J T I F S Z 8 P S L F S T	
Subsistence Fishers, Hunters, Trappers and Gatherers	6340		p 4 V C T J T U F O D F " H S J D V M U V S B M B O E ' J T I F S Z 8 P S L F S T	
House Builders	7111	7121	# V J M E F S T 5 S B E J U J P O B M . B U F S J B M T	
		7129	p # V J M E J O H ' S B N F 5 S B E F T 8 P S L F S T House Builders not using traditional materials / Classified	
Bricklayers and Related Workers	7112	7122	p # S J D L M B Z F S T B O E 4 U P O F N B T P O T	
Stonemasons, Stone Cutters, Splitters and Carvers	7113		Stone Splitters, Cutters B O E \$ B S W F S T	
		7122	p # S J D L M B Z F S T B O E 4 U P O F N B T P O T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Concrete Placers, Concrete Finishers and Related Workers	7114		Concrete Placers, Concrete	' J O J T I F S T B O E 3 F M B U F E 8 P S L F S T
Carpenters and Joiners	7115			\$ B S Q F O U F S T B O E + P J O F S T
Building Frame and Related Trades Workers Not Elsewhere Classified	7119	7129	p # V J M E J O H	' S B N F B O E 3 F M B U F E 5 S B E F T 8 P S L F S T / P U & M T F X I F S F Classified
Roofers	7121		Roofers	
Floor Layers and Tile Setters	7122		' M P P S	- B Z F S T B O E 5 J M F 4 F U U F S T
Plasterers	7123		Plasterers	
Insulation Workers	7124		Insulation Workers	
Glaziers	7125		( M B [ J F S T	
Plumbers and Pipe Fitters	7126		1 M V N C F S T	B O E 1 J Q F ' J U U F S T
Air Conditioning and Refrigeration Mechanics	7127		p " H S J D V M U V S B M	P S * O E V T U S J B M N B D I J O F S Z . F D I B O J D T B O E ' J U U F S T
Painters and Related Workers	7131		1 B J O U F S T	B O E 3 F M B U F E 8 P S L F S T
Spray Painters and Varnishers	7132		7 B S O J T I F S T	B O E 3 F M B U F E 1 B J O U F S T
Building Structure Cleaners	7133		p Building Structure Cleaners	
Metal Moulders and Coremakers	7211	7211	. F U B M . P V M E F S T	B O E \$ P S F N B L F S T
			p . B D I J O F U P P M	O Q F S B U P S T Coremakers machine operators
Welders and Flame Cutters	7212	7212	8 F M E F S T	B O E ' M B N F D V U U F S T
Sheet Metal Workers	7213		Sheet-metal Workers	
Structural Metal Preparers and Erectors	7214		Structural-metal Preparers	B O E & S F D U P S T
Riggers and Cable Splicers	7215		3 J H H F S T	B O E \$ B C M F 4 Q M J D F S T
Blacksmiths, Hammersmiths and Forging Press Workers	7221	7221	Blacksmiths, Hammer-smiths	B O E ' P S H J O H Q S F T T 8 P S L F S T
Toolmakers and Related Workers	7222	7222	5 P P M N B L F S T	B O E 3 F M B U F E Workers
Metal Working Machine Tool Setters and Operators	7223		p . B D I J O F U P P M	4 F U U F S T B O E 4 F U U F S P Q F S B U P S T
			p . B D I J O F U P P M	O Q F S B U P S T
Metal Polishers, Wheel Grinders and Tool Sharpeners	7224		. F U B M 8 I F F M	H S J O E F S T 1 P M J T I F S T B O E 5 P P M 4 I B S Q F O F S T

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Motor Vehicle Mechanics and Repairers	7231		p . P U P S 7 F I J D M F . F D I B O J D T B O E ' J U U F S T	
Aircraft Engine Mechanics and Repairers	7232		" J S D S B G U & O H J O F . F D I B O J D T B O E ' J U U F S T	
Agricultural and Industrial Machinery Mechanics and Repairers	7233		p " H S J D V M U V S B M P S * O E V T U S J B M N B D I J O F S Z . F D I B O J D T B O E ' J U U F S T	
Bicycle and Related Repairers	7234		p . P U P S 7 F I J D M F . F D I B O J D T B O E ' J U U F S T	
Precision-instrument Makers and Repairers	7311		p 1 S F D J T J P O J O T U S V N F O U . B L F S T B O E 3 F Q B J S F S T	
Musical Instrument Makers and Tuners	7312		. V T J D B M * O T U S V N F O U . B L F S T B O E 5 V O F S T	
Jewellery and Precious Metal Workers	7313		+ F X F M M F S Z B O E 1 S F D J P V T N F U B M Workers	
Potters and Related Workers	7314		" C S B T J W F 8 I F F M ' P S N F S T 1 P U U F S T B O E 3 F M B U F E 8 P S L F S T	
Glass Makers, Cutters and Grinders and Finishers	7315		p ( M B T T N B L F S T \$ V U U F S T ( S J O E F S T B O E ' J O J T I F S T	
Signwriters, Decorative Painters, Engravers and Etchers	7316		( M B T T & O H S B W F S T B O E & U D I F S T  ( M B T T \$ F S B N J D T B O E 3 F M B U F E % F D P S B U J W F 1 B J O U F S T	
Handicraft Workers in Wood, Basketry and Related Materials	7317		p Handicraft Workers in Wood B O E 3 F M B U F E . B U F S J B M T  # B T L F U S Z 8 F B W F S T # S V T I . B L F S T B O E 3 F M B U F E 8 P S L F S T	
Handicraft Workers in Textile, Leather and Related Materials	7318		) B O E J D S B G U 8 P S L F S T J O 5 F Y U J M F - F B U I F S B O E 3 F M B U F E . B U F S J B M T  Fibre Preparers p 8 F B W F S T , O J U U F S T B O E 3 F M B U F E Workers	
Handicraft Workers Not Elsewhere Classified	7319		p . B D I J O F U P P M 4 F U U F S T U P Z N B L F S T B O E 4 F U U F S P Q F S B U P S T  p Handicraft Workers in Wood B O E 3 F M B U F E . B U F S J B M T	
Pre-press Technicians	7321		p \$ P N Q P T J U P S T 5 Z Q F T F U U F S T B O E 3 F M B U F E 8 P S L F S T 4 U F S F P U Z Q F S T B O E & M F D U S P U Z Q F S T 1 S J O U J O H & O H S B W F S T B O E & U D I F S T	
Printers	7322		p \$ P N Q P T J U P S T 5 Z Q F T F U U F S T B O E 3 F M B U F E 8 P S L F S T 4 J M L T D S F F O # M P D L B O E 5 F Y U J M F Printers  p Printing-machine Operators	Printers, printing machine operators, setters, takers-off

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Print Finishing and Binding Workers	7323		# P P L C J O E F S T B O E 3 F M B U F E Workers p Bookbinding-machine Operators	
Building and Related Electricians	7411		# V J M E J O H B O E 3 F M B U F E Electricians	
Electrical Mechanics and Fitters	7412		& M F D U S J D B M . F D I B O J D T B O E ' J U U F S T	
Electrical Line Installers and Repairers	7413		p Electrical Line Installers, 3 F Q B J S F S T B O E \$ B C M F + P J O U F S T	
Electronics Mechanics and Servicers	7421		p Electronics Fitters  p & M F D U S P O J D T . F D I B O J D T B O E 4 F S W J D F S T	
Information and Communications Technology Installers and Servicers	7422		p Electronics Fitters  p & M F D U S P O J D T . F D I B O J D T B O E 4 F S W J D F S T 5 F M F H S B Q I B O E 5 F M F Q I P O F * O T U B M M F S T B O E 4 F S W J D F S T p Electrical Line Installers, 3 F Q B J S F S T B O E \$ B C M F + P J O U F S T	
Butchers, Fishmongers and Related Food Preparers	7511		Butchers, Fishmongers B O E 3 F M B U F E ' P P E 1 S F Q B S F S T	
Bakers, Pastry-cooks and Confectionery Makers	7512		Bakers, Pastry-cooks B O E \$ P O G F D U J P O F S Z . B L F S T	
Dairy Products Makers	7513		% B J S Z Q S P E V D U T . B L F S T	
Fruit, Vegetable and Related Preservers	7514		' S V J U 7 F H F U B C M F B O E 3 F M B U F E 1 S F T F S W F S T	
Food and Beverage Tasters and Graders	7515		' P P E B O E # F W F S B H F 5 B T U F S T B O E ( S B E F S T	
Tobacco Preparers and Tobacco Products Makers	7516		5 P C B D D P 1 S F Q B S F S T B O E 5 P C B D D P 1 S P E V D U T . B L F S T	
Wood Treaters	7521		8 P P E 5 S F B U F S T p 8 P P E Q S P E V D U T . B L F S T Operators Wood Operating machine operators	
Cabinet-makers and Related Workers	7522		\$ B C J O F U N B L F S T B O E 3 F M B U F E Workers	
Woodworking Machine Tool Setters and Operators	7523		Woodworking-machine Setters B O E 4 F U U F S P Q F S B U P S T  p 8 P P E Q S P E V D U T . B D I J O F Operators	
Tailors, Dressmakers, Furriers and Hatters	7531		5 B J M P S T % S F T T N B L F S T B O E ) B U U F S T  ' V S S J F S T B O E 3 F M B U F E 8 P S L F S T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Garment and Related Patternmakers and Cutters	7532		5FYUJMF - FBUIFS BOE 3FMBUFE 1BUUFSO NBLFST BOE \$VUUFST	
Sewing, Embroidery and Related Workers	7533		Sewers, Embroiderers BOE 3FMBUFE 8PSLFST	
Upholsterers and Related Workers	7534		6QIPMTUFSFST BOE 3FMBUFE Workers	
Pelt Dressers, Tanners and Fellmongers	7535		1FMU %SFTTFST 5BOOFST BOE 'FMMNPOHFST	
Shoemakers and Related Workers	7536		4IPF NBLFST BOE 3FMBUFE Workers	
Underwater Divers	7541		p *OMBOE BOE \$PBTU Fishery Workers Underwater Workers	%BJW FSBTUEPT TQPOHFT QFBSM BOE PUIFS BRVBUJD QSPEVDU
Shotfirers and Blasters	7542	7112	4IPUGJSFST BOE #MBTUFST	
Product Graders and Testers (excluding Foods and Beverages)	7543		p 4BGFUZ )FBMUI Inspectors	BOESPZWBMRJZBMJUZ JOTQFDUP /PUF UIBU JO *4\$0 TPNF product testers were classified in the same unit group as the workers producing the goods.
Fumigators and Other Pest and Weed Controllers	7544		p Building Structure Cleaners	
Craft and Related Workers Not Elsewhere Classified	7549		p (MBTT NBLFST \$V BOE 'JOJTIFST	Leather Finishers, Gliders, FST NPVMEFST BOE TMJDFST
Miners and Quarriers	8111	7111	p .JOFST BOE 2VBSSZ 8PSLFST p .JOJOH QMBOU OQFSBUPST	
Mineral and Stone Processing Plant Operators	8112		.JOFSBM PSF BOE 4UPOF processing-plant Operators	
Well Drillers and Borer and Related Workers	8113		8FMM %SJMMFST BOE #PSFST BOE 3FMBUFE 8PSLFST	
Cement, Stone and Other Mineral Products Machine Operators	8114		\$FNFOU BOE OUIFS .JOFSBM 1SPEVDUT .BDIJOF OQFSBUPST	
Metal Processing Plant Operators	8121		p OSF BOE .FUBM 'VSOBDF Operators p .FUBM .FMUFST \$BTUFST BOE 3PMMJOH NJMM OQFSBUPST p .FUBM IFBU USFBUJOH QMBOU Operators p .FUBM %SBXFST BOE &YUSVEFST	
Metal Finishing, Plating and Coating Machine Operators	8122		p .FUBM 'JOJTIOH 1MBUJOH BOE \$PBUJOH NBDIJOF OQFSBUPST	
Chemical Products Plant and Machine Operators	8131		\$SVTIOH (SJOEJOH BOE \$IFNJDBM NJYJOH .BDIJOF SZ Operators p Chemical-heat-treating-plant Operators	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Chemical Products Plant and Machine Operators			p Chemical-filtering- BOE 4 F Q B S B U J O H F R V J Q N F O U Operators	
			p \$ I F N J D B M T U J M M B O E 3 F B D U P S O Q F S B U P S T F Y D F Q U 1 F U S P M F V N B O E / B U V S B M ( B T	
			p 1 F U S P M F V N B O E O p e r a t o r s o f c o m p u t e r s refining-plant Operators	BOE P U I F S T J O H M F Q S P D F T T BOE N B D I J O F S Z J O Q F U S P M F V BOE H B T S F G J O F S J F T
			p Chemical-processing-plant Operators Not Elsewhere Classified	
			p 1 I B S N B D F V U J D B M B O E 5 P J M F U S Z Q S P E V D U T . B D I J O F O Q F S B U P S T	
			p " N N V O J U J P O B O E & Y Q M P T J W F Q S P E V D U T . B D I J O F O Q F S B U P S T	
			p \$ I F N J D B M Q S P E V D U T . B D I J O F Operators Not Elsewhere Classified	
Photographic Products Machine Operators	8132		1 I P U P H S B Q I J D B O E 3 F M B U F E Workers	
			p 1 I P U P H S B Q I J D Q S P E V D U T . B D I J O F Operators	
Rubber Products Machine Operators	8141		p 3 V C C F S Q S P E V D U T . B D I J O F Operators	
Plastic Products Machine Operators	8142		p 1 M B T U J D Q S P E V D U T . B D I J O F Operators	
Paper Products Machine Operators	8143		p 1 B Q F S Q S P E V D U T . B D I J O F Operators	
Fibre Preparing, Spinning and Winding Machine Operators	8151		p Fibre-preparing-, Spinning- BOE 8 J O E J O H N B D I J O F O Q F S B U P S T	
Weaving and Knitting Machine Operators	8152		p 8 F B W F S T , O J U U F S 8 F B W E J O H N B D I E F E O J U U J O H Workers machine setters	
			p 8 F B W J O H B O E , O J U U J O H N B D I J O F Operators	
Sewing Machine Operators	8153		p Sewing-machine Operators	
Bleaching, Dyeing and Fabric Cleaning Machine Operators	8154		p # M F B D I J O H % Z F J O H BOE \$ M F B O J O H N B D I J O F Operators	
Fur and Leather Preparing Machine Operators	8155		p ' V S B O E - F B U I F S Q S F Q B S J O H machine Operators	
Shoemaking and Related Machine Operators	8156		p 4 I P F N B L J O H B O E 3 F M B U F E . B D I J O F O Q F S B U P S T	
Laundry Machine Operators	8157		p # M F B D I J O H % Z F J O H B O E Cleaning-machine Operators	
Textile, Fur and Leather Products Machine Operators Not Elsewhere Classified	8159		p 5 F Y U J M F ' V S B O E - F B U I F S Q S P E V D U T . B D I J O F O Q F S B U P S T Not Elsewhere Classified	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Food and Related Products Machine Operators	8160		p . F B U B O E ' J T I Q S P D F T T J O H machine Operators	
			p % B J S Z Q S P E V D U T . B D I J O F Operators	
			p ( S B J O B O E 4 Q J D F N J M M J O H machine Operators	
			p Baked-goods, Cereal B O E \$ I P D P M B U F Q S P E V D U T . B D I J O F O Q F S B U P S T	
			p ' S V J U 7 F H F U B C M F B O E / V U processing-machine Operators	
			p 4 V H B S 1 S P E V D U J P O . B D I J O F Operators	
			p 5 F B \$ P G G F F B O E \$ P D P B processing-machine Operators	
			p # S F X F S T 8 J O F B O E O U I F S # F W F S B H F . B D I J O F O Q F S B U P S T	
			p 5 P C B D D P 1 S P E V D U J P O . B D I J O F Operators	
Pulp and Papermaking Plant Operators	8171		p Paper-pulp Plant Operators	
			p Papermaking-plant Operators	
Wood Processing Plant Operators	8172		Wood-processing-plant Operators	
Glass and Ceramics Plant Operators	8181		( M B T T B O E \$ F S B N J D T , J M O B O E 3 F M B U F E . B D I J O F O Q F S B U P S T ( M B T T \$ F S B N J D T B O E 3 F M B U F E Plant Operators Not Elsewhere Classified	
Steam Engine and Boiler Operators	8182		4 U F B N F O H J O F B O E # P J M F S Operators	
Packing, Bottling and Labelling Machine Operators	8183		p O U I F S . B D I J O F O Q F S B U P S T B O E " T T F N C M F S T	
Stationary Plant and Machine Operators Not Elsewhere Classified	8189		p O U I F S . B D I J O F O Q F S B U P S T B O E " T T F N C M F S T	
Mechanical Machinery Assemblers	8211		p . F D I B O J D B M N B D I J O F S Z " T T F N C M F S T	
Electrical and Electronic Equipment Assemblers	8212		p & M F D U S J D B M F R V J Q N F O U " T T F N C M F S T	
			p & M F D U S P O J D F R V J Q N F O U " T T F N C M F S T	
Assemblers Not Elsewhere Classified	8219		p . F U B M 3 V C C F S B O E 1 M B T U J D Q S P E V D U T " T T F N C M F S T	
			p 8 P P E B O E 3 F M B U F E 1 S P E V D U T " T T F N C M F S T	
			p 1 B Q F S C P B S E 5 F Y U J M F B O E 3 F M B U F E 1 S P E V D U T " T T F N C M F S T	
			p O U I F S . B D I J O F O Q F S B U P S T B O E " T T F N C M F S T	



ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Locomotive Engine Drivers	8311		- P D P N P U J W F F O H J O F % S J W F S T	
Railway Brake, Signal and Switch Operators	8312		Railway Brakers, Signallers B O E 4 I V O U F S T	
Motorcycle Drivers	8321		. P U P S D Z D M F % S J W F S T	
Car, Taxi and Van Drivers	8322		\$ B S 5 B Y J B O E 7 B O % S J W F S T	
Bus and Tram Drivers	8331		# V T B O E 5 S B N % S J W F S T	
Heavy Truck and Lorry Drivers	8332		) F B W Z 5 S V D L B O E - P S S Z % S J W F S T	
Mobile Farm and Forestry Plant Operators	8341		. P U P S J T F E ' B S N B O E ' P S F T U S Z Plant Operators	
Earthmoving and Related Plant Operators	8342		& B S U I N P W J O H B O E 3 F M B U F E 1 M B O U Operators	
Crane, Hoist and Related Plant Operators	8343		\$ S B O F ) P J T U B O E 3 F M B U F E 1 M B O U Operators	
Lifting Truck Operators	8344		Lifting-truck Operators	
Ships Deck Crews and Related Workers	8350		4 I J Q T % F D L \$ S F X T B O E 3 F M B U F E Workers	
Domestic Cleaners and Helpers	9111		% P N F T U J D ) F M Q F S T B O E \$ M F B O F S T	
Cleaners and Helpers in Offices, Hotels and Other Establishments	9112		p ) F M Q F S T B O E \$ M F B O F S T J O O G G J D F T ) P U F M T B O E O U I F S & T U B C M J T I N F O U T	
Hand Launderers and Pressers	9121		) B O E M B V O E F S F S T B O E 1 S F T T F S T	
Vehicle Cleaners	9122		p 7 F I J D M F 8 J O E P X B O E 3 F M B U F E Cleaners	
Window Cleaners	9123		p 7 F I J D M F 8 J O E P X B O E 3 F M B U F E Cleaners	
Other Cleaning Workers	9129		p 7 F I J D M F 8 J O E P X B O E 3 F M B U F E Cleaners	
Crop Farm Labourers	9211	9211	p ' B S N I B O E T B O E - B C P V S F S T	
Livestock Farm Labourers	9212	9211	p ' B S N I B O E T B O E - B C P V S F S T	
Mixed Crop and Livestock Farm Labourers	9213	9211	p ' B S N I B O E T B O E - B C P V S F S T	
Garden and Horticultural Labourers	9214		p ( B S E F O F S T ) P S U J D M M I U P W S B M B S E F O M B C P V S F S T B O E / V S T F S Z ( S P X should logically be classified J O * 4 \$ O U I F Z X F S F not specifically mentioned in U I F E F G J O J U J P O P S U I F J O E F Y It is likely that some garden B O E I P S U J D V M U V S B M X P S L F S T D M B T T J G J F E J O * 4 \$ O X classified in certain national D P O U F Y U T J O * 4 \$ O	
		9211	p ' B S N I B O E T B O E - B C P V S F S T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Forestry Labourers	9215	9212	Forestry Labourers	
Fishery and Aquaculture Labourers	9216		' J T I F S Z ) V O U J O H B O E 5 S B O Q J O H Labourers	
Mining and Quarrying Labourers	9311		. J O J O H B O E 2 V B S S Z J O H Labourers	
Civil Engineering Labourers	9312		\$ P O T U S V D U J P O B O E . B J O U F O B O D F - B C P V S F S T 3 P B E T % B N T B O E 4 J N J M B S \$ P O T U S V D U J P O T	
Building Construction Labourers	9313		Building Construction Labourers	
Hand Packers	9321		p ) B O E 1 B D L F S T B O E O U I F S . B O V G B D U V S J O H - B C P V S F S T	
Manufacturing Labourers Not Elsewhere Classified	9329		p " T T F N C M J O H - B C P V S F S T	
Hand and Pedal Vehicle Drivers	9331		p ) B O E 1 B D L F S T B O E O U I F S . B O V G B D U V S J O H - B C P V S F S T	
Drivers of Animal-drawn Vehicles and Machinery	9332		) B O E P S 1 F E B M 7 F I J D M F % S J W F S T	
Freight Handlers	9333		% S J W F S T P G " O J N B M E S B X O 7 F I J D M F T B O E . B D I J O F S Z	
Shelf Fillers	9334		p Freight Handlers	
Fast Food Preparers	9411		p Cooks	
Kitchen Helpers	9412		p ) F M Q F S T B O E \$ M F B O F S T J O O G G J D F T ) P U F M T B O E O U I F S & T U B C M J T I N F O U T	
Street and Related Services Workers	9510	9120	4 I P F \$ M F B O J O H B O E O U I F S 4 U S F F U 4 F S W J D F T & M F N F O U B S Z Occupations	
Street Vendors (excluding Food)	9520	9112	Street Vendors, Non-food Products	
Garbage and Recycling Collectors	9611		p ( B S C B H F \$ P M M F D U P S T	
Refuse Sorters	9612		p ( B S C B H F \$ P M M F D U P S T	
Sweepers and Related Labourers	9613		p 4 X F F Q F S T B O E 3 F M B U F E - B C P V S F S T	
Messengers, Package Deliverers and Luggage Porters	9621		. F T T F O H F S T 1 B D L B H F B O E - V H H B H F 1 P S U F S T B O E % F M J W F S F S T	
Hotel Operators	9621		p % P P S L F F Q F S T 8 B U H O T O P E R S P O T B O E 3 F M B U F E 8 P S L F S T	
Odd-job Persons	9622		p 4 X F F Q F S T B O E 3 F M B U F E - B C P V S F S T	
Meter Readers and Vending-machine Collectors	9623		7 F O E J O H N B D I J O F . P O F Z \$ P M M F D U P S T . F U F S 3 F B E F S T B O E 3 F M B U F E 8 P S L F S T	
Water and Firewood Collectors	9624		p 4 X F F Q F S T B O E 3 F M B U F E - B C P V S F S T	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Elementary Workers Not Elsewhere Classified	9629		p % P P S L F F Q F S T B O E 3 F M B U F E	8 B U D I O F S T P O T 8 P S L F S T
Commissioned Armed Forces Officers	0110	0110	p " S N F E ' P S D F T	
Non-commissioned Armed Forces Officers	0210	0110	p " S N F E ' P S D F T	
Armed Forces Occupations, Other Ranks	0310	0110	p " S N F E ' P S D F T	

**CORRESPONDENCE TABLE: ISCO-88 TO ISCO-08**

5 I J T U B C M F T I P X T U I F D P S S F T Q P O E F O D F N B Z  
 5 I F M F U U F S i Q w J T V T F E U P J O H S P V Q F D B \$ S B T O P O M E Z T Q B U S I U  
 \* 4 \$ 0 H S P V Q \$ P N N F O U T B S F Q S P V P O E T E J O X W F S M W H E J O F B J O M B S U P D I  
 Q B S U J B M D P S S F T Q P O E F O D F N B Z D N P B S C M D T B F U M B O F W B Z F O U O P S F

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Legislators	1110	1111	Legislators	
Senior Government Officials	1120	1112	4 F O J P S ( P W F S O N F O U O G G J D J B M T	
Traditional Chiefs and Heads of Villages	1130		5 S B E J U J P O B M \$ I J F G T B O E ) F B E T	
Senior Officials of Political party Organisations	1141		p Senior Officials of Special-interest Organizations	
Senior Officials of Employers , Workers and Other Economic-interest Organisations	1142		p Senior Officials of Special-interest Organizations	
Senior Officials of Humanitarian and Other Special-interest Organisations	1143		p Senior Officials of Special-interest Organizations	
Directors and Chief Executives	1210	1120	. B O B H J O H % J S F D U P S T B O E \$ I J F G & Y F D V U J W F T	
Production and Operation Department Managers in Agriculture, Hunting, Forestry and Fishing	1221		" H S J D V M U V S B M B O E ' P S F T U S Z 1 S P E V D U J P O . B O B H F S T	
			" R V B D V M U V S F B O E ' J T I F S J F T 1 S P E V D U J P O . B O B H F S T	
Production and Operation Department Managers in Manufacturing	1222		p . B O V G B D U V S J O H . B O B H F S T	
			p . J O J O H . B O B H F S T	
Production and Operation Department Managers in Construction	1223		p \$ P O T U S V D U J P O . B O B H F S T	
			p \$ P O T U S V D U J P O 4 V Q F S W J T P S T	
Production and Operation Department Managers in Wholesale and Retail Trade	1224		p 3 F U B J M B O E 8 I P M F T B M F 5 S B E F . B O B H F S T	
Production and Operation Department Managers in Restaurants and Hotels	1225		p ) P U F M . B O B H F S T	
			p 3 F T U B V S B O U . B O B H F S T	
Production and Operation Department Managers in Transport, Storage and Communications	1226		p 4 V Q Q M Z % J T U S J B O E 3 F M B U F E . B O B H F S T	Postmasters, station masters and transport, department managers
			p Information	5 F M F D P N N V O J D B U J P O T
			B O E \$ P N N V O J D B U J P O T	department managers
			5 F D I O P M P H Z 4 F S W J D F T . B O B H F S T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Production and Operations Department Managers in Business Services	1227	1219	p # VTJOF TT 4 FSWJD FT BOE " ENJOJTUSBUJPO . BOBH FST Not Elsewhere Classified 'JOBODJBM BOE *OTVSBOD F 4 FSWJD FT #SBODI .BOBH FST	
Production and Operations Department Managers in Personal Care, Cleaning and Related Services	1228	1219	p # VTJOF TT 4 FSWJD FT BOE " ENJOJTUSBUJPO . BOBH FST Not Elsewhere Classified	#VTJMEJOH TFSWJD FT BOE " ENJOJTUSBUJPO . BOBH FST managers
Production and Operations Department Managers Not Elsewhere Classified	1229		p 1PMJDZ BOE 1MBOOJOH .BOBH FST	
		1219	p # VTJOF TT 4 FSWJD FT BOE " ENJOJTUSBUJPO . BOBH FST Not Elsewhere Classified p \$IJME \$BSF 4 FSWJD FT .BOBH FST p )FBMUI 4 FSWJD FT .BOBH FST p "HFE \$BSF 4 FSWJD FT .BOBH FST p 4PDJBM 8FMGBSF .BOBH FST p &EVDBUJPO .BOBH FST p 1SPGFTTJPOBM 4 FSWJD FT .BOBH FST Not Elsewhere Classified p 4 FSWJD FT .BOBH FST /PU Elsewhere Classified p 'JMN 4UBHF BOE 3FMBUFE %JSFDUPST BOE 1SPEVDFST p OUIFS "SUJTUJD Stage Managers VSBM "TTPDJBUF 1SPGFTTJPOBMT	
Finance and Administration Department Managers	1231	1211	p 'JOBODF .BOBH FST	
		1219	p # VTJOF TT 4 FSWJD FT BOE " ENJOJTUSBUJPO . BOBH FST Not Elsewhere Classified	"ENJOJTUSBUJPO EFQBSUNF managers
Personnel and Industrial Relations Department Managers	1232	1212	p )VNBO 3FTPVSDF .BOBH FST	
Sales and Marketing Department Managers	1233	1221	p 4BMFT BOE .BSLFUJOH .BOBH FST	
Advertising and Public Relations Department Managers	1234	1222	p "EWFSUJTJOH BOE 1VCMJD 3FMBUJPOT .BOBH FST	
Supply and Distribution Department Managers	1235		p 4VQQMZ %JTUSJCVUJPO BOE 3FMBUFE .BOBH FST	
Computing Services Department Managers	1236		p Information and \$PNNVOJDBUJPOT 5FDIOPMPHZ 4 FSWJD FT .BOBH FST	
Research and Development Department Managers	1237		p 3FTFBSDI BOE %FWFMPQNFOU .BOBH FST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Other Department Managers Not Elsewhere Classified	1239		p 1 P M J D Z B O E 1 M B O O J O H . B O B H F S T . B O B H F S T B O E Q P M J D Z E F Q B S U N F O U T J establishments other than those in public administration, compulsory social security, education, health, T P D J B M X P S L F Y U S B U F S S J U P P S H B O J [ B U J P O T B O E C P E J F T B O E S F D S F B U J P O B M D V M U V B O E T Q P S U J O H B D U J W J U J F T E F G J O F E J O * 4 * \$ 3 F W	
General Managers in Agriculture, Hunting, Forestry and Fishing	1311		p ' J F M E \$ S P Q B O E 7 F H F U B C M F ( S P X F S T p 5 S F F B O E 4 I S V C \$ S P Q ( S P X F S T p ( B S E F O F S T ) P S U J D V M U V S B M B O E / V S T F S Z ( S P X F S T p . J Y F E \$ S P Q ( S P X F S T p - J W F T U P D L B O E % B J S Z 1 S P E V D F S T p Poultry Producers p . J Y F E \$ S P Q B O E " O J N B M Producers p ' P S F T U S Z B O E 3 F M B U F E 8 P S L F S T p " R V B D V M U V S F 8 P S L F S T p * O M B O E B O E \$ P B T U B M 8 B U F S T Fishery Workers p % F F Q T F B ' J T I F S Z 8 P S L F S T	
General Managers in Manufacturing	1312		p . B O V G B D U V S J O H . B O B H F S T p . J O J O H . B O B H F S T . B O B H F S T P G T N B M M B O E R V B S S Z J O H C V T J O F T T F T	
General Managers in Construction	1313		p \$ P O T U S V D U J P O . B O B H F S T	
General Managers in Wholesale and Retail Trade	1314		p 3 F U B J M B O E 8 I P M F T B M F 5 S B E F . B O B H F S T Shopkeepers	
General Managers of Restaurants and Hotels	1315		p ) P U F M . B O B H F S T p 3 F T U B V S B O U . B O B H F S T	
General Managers in Transport, Storage and Communications	1316		p 4 V Q Q M Z % J T U S J C V U J P O B O E 3 F M B U F E . B O B H F S T p Information B O E \$ P N N V O J D B U J P O T 5 F D I O P M P H Z 4 F S W J D F T . B O B H F S T	
General Managers of Business Services	1317	1211	p ' J O B O D F . B O B H F S T . B O B H F S T P G F T U B C Q S P W J E J O H B D D P V O U J O H P S T J N J M B S T F S W J D F T	
		1212	p ) V N B O 3 F T P V S D F . B O B H F S T . B O B H F S T P G F T Q S P W J E J O H I V N B O S F T P V S D F B O E S F D S V J U N F O U T F S W J D F T	
		1219	p # V T J O F T T 4 F S W J D F T B O E " E N J O J T U S B U J P O . B O B H F S T Not Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
General Managers of Business Services	1221	1221	p 4 B M F T B O E . B S L F U J O H . B O B H F S T . B O B H F S T P O	companies
		1222	p " E W F S U J T J O H B O E . B O E B M F S T P G B E W F S U J T J O H 3 F M B U J P O T . B O B H F S T Q V C M J D S F M B U J P O T	companies
			p Information . B O B H F S T P G B O E \$ P N N V O J D B U J P O T 5 F D I O P M P H Z 4 F S W J D F T . B O B H F S T O J D B U J P O T	companies
			' J O B O D J B M B O E * O T V S B O D F 4 F S W J D F T # S B O D I . B O B H F S T	
General Managers in Personal Care, Cleaning and Related Services	1318	1219	p # V T J O F T T 4 F S W J D F T . B O B H F S T P G D P O U S B D U B O E " E N J O J T U S B U J P O T . B O B H F S T	Not Elsewhere Classified
General Managers Not Elsewhere Classified	1319		p 3 F T F B S D I B O E % F W F M P Q N F O U . B O B H F S T	company managers
			p \$ I J M E \$ B S F 4 F S W J D F T . B O B H F S T	
			p ) F B M U I 4 F S W J D F T . B O B H F S T	
			p " H F E \$ B S F 4 F S W J D F T . B O B H F S T	
			p 4 P D J B M 8 F M G B S F . B O B H F S T	
			p & E V D B U J P O . B O B H F S T	
			p 1 S P G F T T J P O B M 4 F S W J D F T . B O B H F S T	Not Elsewhere Classified
				Sports, Recreation B O E \$ V M U V S B M \$ F O U S F . B O B H F S T
		p 4 F S W J D F T . B O B H F S T / P U	Elsewhere Classified	
Physicists and Astronomers	2111	2111	1 I Z T J D J T U T B O E " T U S P O P N F S T	
Meteorologists	2112	2112	. F U F P S P M P H J T U T	
Chemists	2113		Chemists	
			p Pharmacists	Industrial pharmacists, pharmaceutical chemists
Geologists and Geophysicists	2114		( F P M P H J T U T B O E ( F P Q I Z T J D J T U T	
Mathematicians and Related Professionals	2121	2120	p . B U I F N B U J D J B O T " D U V B S J F T B O E 4 U B U J T U J D J B O T	
Statisticians	2122	2120	p . B U I F N B U J D J B O T " D U V B S J F T B O E 4 U B U J T U J D J B O T	
Computer Systems Designers and Analysts	2131		4 Z T U F N T " O B M Z T U T	
			4 P G U X B S F % F W F M P Q F S T	
			p 8 F C B O E . V M U J N F E J B % F W F M P Q F S T	
			p 4 P G U X B S F B O E " Q Q M J D B U J P O T % F W F M P Q F S T B O E " O B M Z T U T / P U	Elsewhere Classified
			% B U B C B T F % F T J H O F S T B O E " E N J O J T U S B U P S T	
			4 Z T U F N T " E N J O J T U S B U P S T	
		p Computer Network Professionals		

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Computer Programmers	2132		p 8 F C B O E . V M U J N F E J B % F W F M P Q F S T " Q Q M J D B U J P O T 1 S P H S B N N F S T	
			p 4 P G U X B S F B O E " Q Q M J D B U J P O T % F W F M P Q F S T B O E " O B M Z T U T / P U Elsewhere Classified	
			p Computer Network Professionals	Communications programmers
Computing Professionals Not Elsewhere Classified	2139		p 8 F C B O E . V M U J N F E J B % F W F M P Q F S T	
			p 4 P G U X B S F B O E " Q Q M J D B U J P O T % F W F M P Q F S T B O E " O B M Z T U T / P U Elsewhere Classified % B U B C B T F B O E / F U X P S L Professionals Not Elsewhere Classified	
Architects, Town and Traffic Planners	2141		# V J M E J O H " S D I J U F D U T - B O E T D B Q F " S D I J U F D U T 5 P X O B O E 5 S B G G J D 1 M B O O F S T	
Civil Engineers	2142		\$ J W J M & O H J O F F S T	
Electrical Engineers	2143		Electrical Engineers	
Electronics and Telecommunications Engineers	2144		Electronics Engineers 5 F M F D P N N V O J D B U J P O T & O H J O F F S T	
Mechanical Engineers	2145		. F D I B O J D B M & O H J O F F S T	
Chemical Engineers	2146		Chemical Engineers	
Mining Engineers, Metallurgists and Related Professionals	2147		. J O J O H & O H J O F F S T . F U B M M V S H J T U T B O E 3 F M B U F E Professionals	
Cartographers and Surveyors	2148		\$ B S U P H S B Q I F S T B O E 4 V S W F Z P S T	
Architects, Engineers and Related Professionals Not Elsewhere Classified	2149		* O E V T U S J B M B O E 1 S P E V D U J P O Engineers & O W J S P O N F O U B M & O H J O F F S T Engineering Professionals Not Elsewhere Classified	
Biologists, Botanists, Zoologists and Related Professionals	2211		p Biologists, Botanists, ; P P M P H J T U T B O E 3 F M B U F E Professionals & O W J S P O N F O U B M 1 S P U F D U J P O Professionals	
Pharmacologists, Pathologists and Related Professionals	2212		p Biologists, Botanists, ; P P M P H J T U T B O E Professionals	Plant pathologists, Bacteriologists
		2212	4 Q F D J B M J T U . F E J D P M P H S L G B T S J U J P O F S T histopathologists, endocrinologists, neuropathologists	
			p Veterinarians	" O J N B M B O E W F U F S J O B S Z pathologists



ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Agronomists and Related Professionals	2213		p Farming, Forestry B O E ' J T I F S J F T " E W J T F S T	
Medical Doctors	2221	2211	( F O F S B M J T U . F E J D B M Practitioners	
		2212	4 Q F D J B M J T U . F E J D B M 1 S B D U J U J P O F S T	
Dentists	2222		% F O U J T U T	
Veterinarians	2223		p Veterinarians	
Pharmacists	2224		p Pharmacists	
Health Professionals (except Nursing) Not Elsewhere Classified	2229		p & O W J S P O N F O U B M B O E O D D V Q B U J P O B M ) F B M U I B O E ) Z H J F O F 1 S P G F T T J P O B M T	
			p Health Professionals Not Elsewhere Classified	
Nursing and Midwifery Professionals	2230		p ) F B M U I 4 F S W J D F Hospital and principal nursing officers	
			p " H F E \$ B S F 4 F S W J D F T . B O B H F S T . B U S P O T B O E nursing officers in aged care facilities	
		2221	p Nursing Professionals	
		2222	p . J E X J G F S Z 1 S P G F T T J P O B M T	
			p / V S T J O H " T T P D J B U F Professionals	
			p . J E X J G F S Z " T T P D J B U F Professionals	
College, University and Higher Education Teaching Professionals	2310		6 O J W F S T J U Z B O E ) J H I F S & E V D B U J P O 5 F B D I F S T	
			p 7 P D B U J P O B M & E V D B U J P O 5 F B D I F S T	
Secondary Education Teaching Professionals	2320		p 7 P D B U J P O B M & E V D B U J P O 5 F B D I F S T	
			4 F D P O E B S Z & E V D B U J P O 5 F B D I F S T	
Primary Education Teaching Professionals	2331		p 1 S J N B S Z 4 D I P P M 5 F B D I F S T	
Pre-Primary Education Teaching Professionals	2332		p Early Childhood Educators	
Special Education Teaching Professionals	2340		p 4 Q F D J B M / F F E T 5 F B D I F S T	
Education Methods Specialists	2351		p & E V D B U J P O . F U I P E T 4 Q F D J B M J T U T	
School Inspectors	2352		p & E V D B U J P O . F U I P E T 4 Q F D J B M J T U T	
Other Teaching Professionals Not Elsewhere Classified	2359		p O U I F S - B O H V B H F 5 F B D I F S T	
			O U I F S . V T J D 5 F B D I F S T	
			p O U I F S " S U T 5 F B D I F S T	
			p * O G P S N B U J P O 5 F D I O P M P H Z 5 S B J O F S T	
			p 5 F B D I J O H 1 S P G F T T J P O B M T / P U Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Accountants	2411		" D D P V O U B O U T p ' J O B O D J B M B O E * O W F T U N F O U " E W J T F S T	
Personnel and Careers Professionals	2412		p & O W J S P O N F O U B M B O E O D D V Q B U J P O B M ) F B M U I B O E ) Z H J F O F 1 S P G F T T J P O B M T 1 F S T P O O F M B O E \$ B S F F S T Professionals 5 S B J O J O H B O E 4 U B G G % F W F M P Q N F O U 1 S P G F T T J P O B M T	
Business Professionals Not Elsewhere Classified	2419		p ' J O B O D J B M B O E * O W F T U N F O U " E W J T F S T ' J O B O D J B M " O B M Z T U T . B O B H F N F O U B O E O S H B O J [ B U J P O " O B M Z T U T 1 P M J D Z " E N J O J T U S B U J P O Professionals " E W F S U J T J O H B O E . B S L F U J O H Professionals Public Relations Professionals p # V T J O F T T 4 F S W J P a t e n t a g e n t O U T / P U Elsewhere Classified	
Lawyers	2421		Lawyers	
Judges	2422		Judges	
Legal Professionals Not Elsewhere Classified	2429		Legal Professionals Not Elsewhere Classified	
Archivists and Curators	2431		" S D I J W J T U T B O E \$ V S B U P S T	
Librarians and Related Information Professionals	2432		- J C S B S J B O T B O E 3 F M B U F E Information Professionals	
Economists	2441		Economists	
Sociologists, Anthropologists and Related Professionals	2442		4 P D J P M P H J T U T " O U I S P Q P M P H J T U T B O E 3 F M B U F E 1 S P G F T T J P O B M T	
Philosophers, Historians and Political Scientists	2443		Philosophers, Historians B O E 1 P M J U J D B M 4 D J F O U J T U T	
Philologists, Translators and Interpreters	2444		5 S B O T M B U P S T * O U F S Q S F U F S T B O E O U I F S - J O H V J T U T	
Psychologists	2445		Psychologists	
Social Work Professionals	2446		4 P D J B M 8 P S L B O E \$ P V O T F M M J O H Professionals	
Authors, Journalists and Other Writers	2451		" E W F S U J T J O H B O E E W B F S S L U F J U T J O H H D P Q Z X S J U F S T Professionals Public Relations Professionals Public relations copy writers " V U I P S T B O E 3 F M B U F E 8 S J U F S T p Journalists	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Sculptors, Painters and Related Artists	2452		p ( S B Q I J D B O E . V M C o n f e r e n c e A r t i s t s % F T J H O F S T 7 J T V B M " S U J T U T	
Composers, Musicians and Singers	2453		p . V T J D J B O T 4 J O H F S T B O E \$ P N Q P T F S T	
Choreographers and Dancers	2454		p % B O D F S T B O E \$ I P S F P H S B Q I F S T	
Film, Stage and Related Actors and Directors	2455		p ' J M N 4 U B H F B O E 3 F M B U F E % J S F D U P S T B O E 1 S P E V D F S T " D U P S T	
Religious Professionals	2460		Religious Professionals	
Chemical and Physical Science Technicians	3111		\$ I F N J D B M B O E 1 I Z T J D B M 4 D J F O D F 5 F D I O J D J B O T	
Civil Engineering Technicians	3112		p \$ J W J M & O H J O F F S J O H 5 F D I O J D J B O T	
Electrical Engineering Technicians	3113		p Electrical Engineering 5 F D I O J D J B O T	
Electronics and Telecommunications Engineering Technicians	3114		p Electronics Engineering 5 F D I O J D J B O T  5 F M F D P N N V O J D B U J P O T & O H J O F F S J O H 5 F D I O J D J B O T	
Mechanical Engineering Technicians	3115		p . F D I B O J D B M & O H J O F F S J O H 5 F D I O J D J B O T	
Chemical Engineering Technicians	3116		Chemical Engineering 5 F D I O J D J B O T  p Chemical Processing Plant Controllers	Chemical process technicians
Mining and Metallurgical Technicians	3117		p . J O J O H B O E . F U B M M V S H J D B M 5 F D I O J D J B O T	
Draughtspersons	3118		% S B V H I U T Q F S T P O T	
Physical and Engineering Science Technicians Not Elsewhere Classified	3119		1 I Z T J D B M B O E & O H J O F F S J O H 4 D J F O D F 5 F D I O J D J B O T / P U Elsewhere Classified	
Computer Assistants	3121		Information B O E \$ P N N V O J D B U J P O T 5 F D I O P M P H Z 6 T F S 4 V Q Q P S U 5 F D I O J D J B O T  Computer Network B O E 4 Z T U F N T 5 F D I O J D J B O T 8 F C 5 F D I O J D J B O T	
Computer Equipment Operators	3122		Information and \$ P N N V O J D B U J P O T 5 F D I O P M P H Z O Q F S B U J P O T 5 F D I O J D J B O T	
Industrial Robot Controllers	3123		p 1 S P D F T T \$ P O U S P M 5 F D I O J D J B O T Not Elsewhere Classified	
Photographers and Image and Sound Recording Equipment Operators	3131		Photographers  p # S P B E D B T U J O H B O E " V E J P W J T V B M 5 F D I O J D J B O T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Broadcasting and Telecommunications Equipment Operators	3132		p # SPBEDBTUJOH BOE "VEJPWJTIBM 5FDIOJDBOT	
Broadcasting and Telecommunications Equipment Operators			5FMFD PNNVOJDBUJ POT & OHJ OFFSJOH 5FDIOJDBUJ POT	
Medical Equipment Operators	3133		.FEJDBM *NBHJOH BOE 5IFSBQFVUJD & RVJQNFOU 5FDIOJDBOT	
Ships Engineers	3141		Ships Engineers	
Ships Deck Officers and Pilots	3142		4IJQT %FDL OGGJDFST BOE 1JMPUT	
Aircraft Pilots and Related Associate Professionals	3143		p "JSDSBGU 1JMPUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	
Air Traffic Controllers	3144		"JS 5SBGGJD \$POUSPMMFST	
Air Traffic Safety Technicians	3145		"JS 5SBGGJD 4BGFUZ & MFDUSPOJDT 5FDIOJDBOT	
Building and Fire Inspectors	3151		p \$JWJM & OHJ OFFSJOH 5FDIOJDBOT p 1IZTJDBM BOE & OHJ OFFSJOH HTUJHBUPST 4DJFODF 5FDIOJDBOT /PU Elsewhere Classified	
Safety, Health and Quality Inspectors	3152		p & OWJSPONFOUBM BOE ODDVQBUJPOBM )FBMUI BOE )ZHJFOF 1SPGFTTJPOBMT p Electrical Engineering 5FDIOJDBOT Quality inspectors (electrical products) p Electronics Engineering 5FDIOJDBOT Quality inspectors (electronic products) p .FDIBOJDBM & OHJ OFFSJOH HTUJHBUPST 5FDIOJDBOT Chief Inspectors, mechanical products RVBMJUZ BOE TBGFUZ inspectors p .JOJOH BOE .FUBM MVSHTJBBMUZ JOTQFDUPST 5FDIOJDBOT p & OWJSPONFOUBM BOE ODDVQBUJPOBM )FBMUI *OTQFDUPST BOE "TTPDJBUFT 1SPEVDU (SBEFSTSBDEDFRVBSMTJUZ JOTQFDU FYDMVEJOH 'PPEVPUF UIBU JO *4\$0 BOE #FWFSBHFT some product testers were classified in the same unit group as the workers producing the goods.	
Life Science Technicians	3211		-JGF 4DJFODF 5FDIOJDBOT FYDMVEJOH .FEJDBM .FEJDBM BOE 1BUIPMPHZ -BCPSBUPSZ 5FDIOJDBOT	
Agronomy and Forestry Technicians	3212		"HSJDVMUVSBM 5FDIOJDBOT 'PSFTUSZ 5FDIOJDBOT	
Farming and Forestry Advisers	3213		p Farming, Forestry BOE 'JTIFSJFT "EWJTFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Medical Assistants	3221		Paramedical Practitioners Community Health Workers . F E J D B M " T T J T U B O U T	
Sanitarians	3222		p & O W J S P O N F O U B M B O E O D D V Q B U J P O B M ) F B M U I B O E ) Z H J F O F 1 S P G F T T J P O B M T	
			p & O W J S P O N F O U B M B O E O D D V Q B U J P O B M ) F B M U I * O T Q F D U P S T B O E " T T P D J B U F T	
Dieticians and Nutritionists	3223		% J F U J D J B O T B O E / V U S J U J P O J T U T	
Optometrists and Opticians	3224		O Q U P N F U S J T U T B O E O Q I U I B M N J D Opticians % J T Q F O T J O H O Q U J D J B O T	
Dental Assistants	3225		% F O U B M " T T J T U B O U T B O E 5 I F S B Q J T U T	
Physiotherapists and Related Associate Professionals	3226		Physiotherapists	
			p Health Professionals Not Elsewhere Classified	Podiatrists, chiropractors, osteopaths, recreational therapists
			p . F E J D B M B O E % F O U B M 5 F D I O J D J B O T	Prosthetic Technicians Prosthesis fitters
			1 I Z T J P U I F S B Q Z 5 F D I O J D J B O T B O E " T T J T U B O U T	
Veterinary Assistants	3227		7 F U F S J O B S Z 5 F D I O J D J B O T B O E " T T J T U B O U T	
Pharmaceutical Assistants	3228		1 I B S N B D F V U J D B M 5 F D I O J D J B O T B O E " T T J T U B O U T	
Modern Health Associate Professionals (except Nursing) Not Elsewhere Classified	3229		p 5 S B E J U J P O B M B O E \$ P N Q M F N F O U B S Z . F E J D J O F	Homeopaths Professionals
			" V E J P M P H J T U T B O E 4 Q F F D I 5 I F S B Q J T U T	
			p O Q U P N F U S J T U T B O E O Q I U I B M N J D	Opticians
			p Health Professionals Not Elsewhere Classified	Occupational therapists
			) F B M U I " T T P D J B U F 1 S P G F T T J P O B M T Not Elsewhere Classified	
Nursing Associate Professionals	3231		p / V S T J O H " T T P D J B U F Professionals	
Midwifery Associate Professionals	3232		p . J E X J G F S Z " T T P D J B U F Professionals	
Traditional Medicine Practitioners	3241		p 5 S B E J U J P O B M B O E \$ P N Q M F N F O U B S Z . F E J D J O F Professionals	
			p 5 S B E J U J P O B M B O E \$ P N Q M F N F O U B S Z . F E J D J O F " T T P D J B U F 1 S P G F T T J P O B M T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Faith Healers	3242		p 3 F M J H J P V T " T T P D J B U F Professionals	
Primary Education Teaching Associate Professionals	3310		p 1 S J N B S Z 4 D I P P M 5 F B D I F S T	
Pre-primary Education Teaching Associate Professionals	3320		p Early Childhood Educators	
Special Education Teaching Associate Professionals	3330		p 4 Q F D J B M / F F E T 5 F B D I F S T	
Other Teaching Associate Professionals	3340		p O U I F S - B O H V B H F 5 F B D I F S T  p O U I F S " S U T 5 F B D I F S T p * O G P S N B U J P O 5 F D I O P M P H Z 5 S B J O F S T p 5 F B D I J O H 1 S P G F T T J P O B M T / P U Elsewhere Classified p " J S D S B G U 1 J M P U T F L Y B O I S T A U T O R S U F E " T T P D J B U F 1 S P G F T T J P O B M T p ' J U O F T T B O E 3 F D S A I L I N G I N S T R O C T O R S , * O T U S V D U P S T B O E V O S P S I X S B W N S E J W J O H Leaders instructors % S J W J O H * O T U S V D U P S T	
Securities and Finance Dealers and Brokers	3411		p ' J O B O D J B M B O E * O W F T U N F O U " E W J T F S T  4 F D V S J U J F T B O E ' J O B O D F % F B M F S T B O E # S P L F S T	
Insurance Representatives	3412		* O T V S B O D F 3 F Q S F T F O U B U J W F T	
Estate Agents	3413		3 F B M & T U B U F " H F O U T B O E 1 S P Q F S U Z . B O B H F S T	
Travel Consultants and Organisers	3414		p # V T J O F T T 4 F S W J D I P V S " R O D S J B U P S T U Elsewhere Classified p 5 S B W F M \$ P O T V M U B O U T B O E \$ M F S L T	
Technical and Commercial Sales Representatives	3415		5 F D I O J D B M B O E . F E J D B M 4 B M F T 1 S P G F T T J P O B M T F Y D M V E J O H * \$ 5  Information B O E \$ P N N V O J D B U J P O T 5 F D I O P M P H Z 4 B M F T 1 S P G F T T J P O B M T  Commercial Sales 3 F Q S F T F O U B U J W F T	
Buyers	3416		Buyers	
Appraisers, Valuers and Auctioneers	3417		7 B M V F S T B O E - P T T " T T F T T P S T  p # V T J O F T T 4 F S W J D ' W D U H F O R U F T S T P U Elsewhere Classified	
Finance and Sales Associates Professionals Not Elsewhere Classified	3419		\$ S F E J U B O E - P B O T O G G J D F S T " M U I P V H I * 4 the only correspondence M J T U F E G P S * 4 \$ 0 other possibilities such as N B Z C F D P O T J E F S F E B T J T B S F T J E V B M H S P V Q	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Trade Brokers	3421		5 S B E F # S P L F S T	
Clearing and Forwarding Agents	3422		\$ M F B S J O H B O E ' P S X B S E J O H " H F O U T	
Employment Agents and Labour Contractors	3423		p & N Q M P Z N F O U " H F O U T B O E \$ P O U S B D U P S T	
Business Services Agents and Trade Brokers Not Elsewhere Classified	3429		p # V T J O F T T 4 F S W J D i f f e r e n t ' h u s o , s p o r t s P U Elsewhere Classified	B O E U I F B U S F B H F O U T
Administrative Secretaries and Related Associate Professionals	3431		p O G G J D F 4 V Q F S W J T P S T	
			p L e g a l S e c r e t a r i e s	
			p " E N J O J T U S B U J W F B O E & Y F D V U J W F S e c r e t a r i e s	
			p . F E J D B M 4 F D S F U B S J F T	
Legal and Related Business Associate Professionals	3432		- F H B M B O E 3 F M B U F E " T T P D J B U F P r o f e s s i o n a l s	
Bookkeepers	3433		p " D D P V O U J O H " T T P D J B U F P r o f e s s i o n a l s	
Statistical, Mathematical and Related Associate Professionals	3434		p " D D P V O U J O H " T T P D J B U F U O U J O H B T T J T U B O U T P r o f e s s i o n a l s	
			4 U B U J T U J D B M . B U I F N B U J D B M B O E 3 F M B U F E " T T P D J B U F P r o f e s s i o n a l s	
Administrative Associate Professionals Not Elsewhere Classified	3439		\$ P O G F S F O D F B O E & W F O U 1 M B O O F S T	
			p O G G J D F 4 V Q F S W J O f f i c e m a n a g e r s , o f f i c e a d m i n i s t r a t o r s , c l e r i c a l T V Q F S W J T P S T	
			p " E N J O J T U S B U J W F B O E D & V E W F U J W F S F U B S J F T U P S e c r e t a r i e s H P W F S O N F O U E F Q B S U N F O U I F B E T B O E P G G J D J B M c o m m i t t e e s	
			p ( P W F S O N F O U 3 F H V M B U J P J S T Z U S B U J W F D P O T V M B S " T T P D J B U F 1 S P G F O f f i c i a l s O B M T / P U Elsewhere Classified	
			p ( B M M F S Z . V T F V N L i b r a r y t e c h n i c i a n s 5 F D I O J D J B O T	
Customs and Border Inspectors	3441		\$ V T U P N T B O E # P S E F S * O T Q F D U P S T	
Government Tax and Excise Officials	3442		( P W F S O N F O U 5 B Y B O E & Y D J T F O f f i c i a l s	
Government Social Benefits Officials	3443		( P W F S O N F O U 4 P D J B M # F O F G J U T O f f i c i a l s	
Government Licensing Officials	3444		( P W F S O N F O U - J D F O T J O H O f f i c i a l s	
Customs, Tax and Related Government Associate Professionals Not Elsewhere Classified	3449		p ( P W F S O N F O U 3 F H V M B U P S Z " T T P D J B U F 1 S P G F T T J P O B M T / P U Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Police Inspectors and Detectives	3450		Police Inspectors B O E % F U F D U J W F T - F H B M B O E 3 F M B U S E W B U T F P D O W F F U J H B U P S T Professionals B O E E F U F D U J W F T T U P S F E F U F D U J W F T	
Social Work Associate Professionals	3460		4 P D J B M 8 P S L " T T P D J B U F Professionals	
Decorators and Commercial Designers	3471		1 S P E V D U B O E ( B S N F O U % F T J H O F S T p ( S B Q I J D B O E . V M U J N F E J B % F T J H O F S T * O U F S J P S % F T J H O F S T B O E % F D P S B U P S T p ( B M M F S Z . V T F V N . B D E V N J C O E S H B M M F S Z 5 F D I O J D J B O T technicians p O U I F S " S U J T U J D B O E U \$ P M U T W S B M C P E Z B S U J T U T " T T P D J B U F 1 S P G F T T J P O B M T	
Radio, Television and Other Announcers	3472		p Journalists . F E J B J O U F S W J F X F S T " O O P V O D F S T P O 3 B E J P 5 F M F W J T J P O B O E O U I F S . F E J B	
Street, Night-club and Related Musicians, Singers and Dancers	3473		p . V T J D J B O T 4 J O H F S T B O E \$ P N Q P T F S T p % B O D F S T B O E \$ I P S F P H S B Q I F S T	
Clowns, Magicians, Acrobats and Related Associate Professionals	3474		\$ S F B U J W F B O E 1 F S G P S N J O H " S U J T U T / P U & M T F X I F S F Classified p O U I F S " S U J T U J D B O E U \$ P M U T W S B M C P E Z B S U J T U T " T T P D J B U F 1 S P G F T T J P O B M T Street and Related Musicians, Singers and Dancers performing arts support occupations classified J O * 4 \$ 0 N B Z I B W F C F F O D M B T T J G J F E J O * 4 \$ 0	
Athletes, Sportspeople and Related Associate Professionals	3475		" U I M F U F T B O E 4 Q P S U T 1 M B Z F S T Sports Coaches, Instructors B O E O G G J D J B M T p ' J U O F T T B O E 3 F D S F B U J P O * O T U S V D U P S T B O E 1 S P H S B N N F Leaders	
Religious Associate Professionals	3480		p 3 F M J H J P V T " T T P D J B U F Professionals	
Stenographers and Typists	4111		p O G G J D F 4 V Q F S W J T P S T p 5 Z Q J T U T B O E 8 P S E 1 S P D F T T J O H Operators	
Word-processor and Related Operators	4112		p O G G J D F 4 V Q F S W J T P S T p 5 Z Q J T U T B O E 8 P S E 1 S P D F T T J O H Operators	



ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Data Entry Operators	4113		p O G G J D F 4 V Q F S W J T P S T p % B U B & O U S Z \$ M F S L T	
Calculating-machine Operators	4114		p O G G J D F 4 V Q F S W J T P S T p % B U B & O U S Z \$ M F S L T	
Secretaries	4115		p O G G J D F 4 V Q F S W J T P S T p Legal Secretaries p . F E J D B M 4 F D S F U B S J F T Secretaries (general)	
Accounting and Bookkeeping Clerks	4121		p O G G J D F 4 V Q F S W J T P S T " D D P V O U J O H B O E # P P L L F F Q J O H Clerks Payroll Clerks	
Statistical and Finance Clerks	4122		p O G G J D F 4 V Q F S W J T P S T p Statistical, Finance \$ P O T J E F S * 4 \$ O B O E * O T V S B O D F \$ M F S B U J P O B M D P O U F Y U T 5 I * 4 \$ O J O E F Y J O D M V E F E brokers assistants B O E J O T V S B O D F D M B J N T B E K V T U N F O U B O E Q P M J D Z assistants there.	
Stock Clerks	4131		p O G G J D F 4 V Q F S W J T P S T Stock Clerks	
Production Clerks	4132		p O G G J D F 4 V Q F S W J T P S T Production Clerks	
Transport Clerks	4133		p O G G J D F 4 V Q F S W J T P S T 5 S B O T Q P S U \$ M F S L T	
Library and Filing Clerks	4141		p O G G J D F 4 V Q F S W J T P S T Library Clerks ' J M J O H B O E \$ P Q Z J O H \$ M F S L T	
Mail Carriers and Sorting Clerks	4142		p O G G J D F 4 V Q F S W J T P S T . B J M \$ B S S J F S T B O E 4 P S U J O H Clerks	
Coding, Proof-reading and Related Clerks	4143		. F E J D B M 3 F D P S E T B O E ) F B M U I * O G P S N B U J P O 5 F D I O J D J B O T p O G G J D F 4 V Q F S W J T P S T Coding, Proofreading B O E 3 F M B U F E \$ M F S L T	
Scribes and Related Workers	4144		4 D S J C F T B O E 3 F M B U F E 8 P S L F S T	
Other Office Clerks	4190		p O G G J D F 4 V Q F S W J T P S T ( F O F S B M O G G J D F \$ M F S L T 4 V S W F Z B O E . B S L F U 3 F T F B S D I * O U F S W J F X F S T Personnel Clerks Clerical Support Workers Not Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Cashiers and Ticket Clerks	4211		p # B O L 5 F M M F S T B O E 3 F M B U F E \$ M F S L T p Bookmakers, Croupiers Clerk, bookmaking coded B O E 3 F M B U F E ( B N U J O H 8 P S L O F S T \$ 0 J O E F Y \$ B T I J F S T B O E 5 J D L F U \$ M F S L T	
Tellers and Other Counter Clerks	4212		p # B O L 5 F M M F S T B O E 3 F M B U F E U I F * 4 \$ 0 Clerks J O E F Y D P E F E " T T J T U B O U C E U P - F H B M B O E 3 F M B U F I # V T J O F T T " T T P D J B U F Professionals.	
Bookmakers and Croupiers	4213		p Bookmakers, Croupiers B O E 3 F M B U F E ( B N J O H 8 P S L F S T	
Pawnbrokers and Money-lenders	4214		Pawnbrokers B O E . P O F Z M F O E F S T	
Debt-collectors and Related Workers	4215		% F C U \$ P M M F D U P S T B O E 3 F M B U F E Workers	
Travel Agency and Related Clerks	4221		p 5 S B W F M \$ P O T V M U B O U T B O E \$ M F S L T	
Receptionists and Information Clerks	4222		p O G G J D F 4 V Q F S W J T P S T  Contact Centre Information Clerks Hotel Receptionists * O R V J S Z \$ M F S L T Receptionists (general) Client Information Workers Not Elsewhere Classified	
Telephone Switchboard Operators	4223		p O G G J D F 4 V Q F S W J T P S T  5 F M F Q I P O F 4 X J U D I C P B S E Operators	
Travel Attendants and Travel Stewards	5111		p 5 S B W F M \$ P O T V M U B O U T B O E \$ M F S L T " J S Q P S U  5 S B W F M " U U F O E B O U T B O E 5 S B W F M Stewards	
Transport Conductors	5112		5 S B O T Q P S U \$ P O E V D U P S T	
Travel Guides	5113		5 S B W F M ( V J E F T	
Housekeepers and Related Workers	5121		\$ M F B O J O H B O E ) P V T F L F F Q J O H 4 V Q F S W J T P S T J O O G G J D F T ) P U F M T B O E O U I F S & T U B C M J T I N F O U T % P N F T U J D ) P V T F L F F Q F S T	
Cooks	5122		Chefs Cooks Fast Food Preparers	
Waiters, Waitresses and Bartenders	5123		Waiters  Bartenders	
Child-care Workers	5131		Child Care Workers 5 F B D I F S T " J E F T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Institution-based Personal Care Workers	5132		" N C V M B O D F 8 P S L F S T ) F B M U I \$ B S F " T T J T U B O U T Personal Care Workers in Hospital orderlies, medical ) F B M U I 4 F S W J D F T i m a g i n g a s s i s t a n t s x r e n t a i d e s Classified	
Home-based Personal Care Workers	5133		Home-based Personal Care Workers	
Personal Care and Related Workers Not Elsewhere Classified	5139		1 F U ( S P P N F S T B O E E r i t a r y a i d e s \$ B S F Workers	
Hairdressers, Barbers, Beauticians and Related Workers	5141		Personal Care Workers in ) F B M U I 4 F S W J D F T / P U & M T F X I F S F Classified	
Hairdressers, Barbers, Beauticians and Related Workers	5141		Hairdressers  # F B V U J D J B O T B O E 3 F M B U F E Workers	
Companions and Valets	5142		\$ P N Q B O J P O T B O E 7 B M F U T	
Undertakers and Embalmers	5143		6 O E F S U B L F S T B O E & N C B M N F S T	
Other Personal Services Workers Not Elsewhere Classified	5149		1 F S T P O B M 4 F S W J D F T 8 P S L F S T / P U Elsewhere Classified	
Astrologers and Related Workers	5151		p " T U S P M P H F S T ' P S U V O F U F M M F S T B O E 3 F M B U F E 8 P S L F S T	
Fortune-tellers, Palmists and Related Workers	5152		p " T U S P M P H F S T ' P S U V O F U F M M F S T B O E 3 F M B U F E 8 P S L F S T	
Fire-fighters	5161		Firefighters	
Police Officers	5162		Police Officers	
Prison Guards	5163		1 S J T P O ( V B S E T	
Protective Services Workers Not Elsewhere Classified	5169		p 4 F D V S J U Z ( V B S E T  1 S P U F D U J W F 4 F S W J D F T 8 P S L F S T Not Elsewhere Classified	
Fashion and Other Models	5210		' B T I J P O B O E O U I F S . P E F M T	
Shop Salespersons and Demonstrators	5220		4 I P Q 4 V Q F S W J T P S T  4 I P Q 4 B M F T " T T J T U B O U T 4 B M F T % F N P O T U S B U P S T 4 F S W J D F 4 U B U J P O " U U F O E B O U T p ' P P E 4 F S W J D F \$ P V O U F S " U U F O E B O U T Sales Workers Not Elsewhere Classified Rental salespersons Classified	
Stall and Market Salespersons	5230		4 U B M M B O E . B S L F U 4 B M F T Q F S T P O T  p ' P P E 4 F S W J D F \$ P V O U F S " U U F O E B O U T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Field Crop and Vegetable Growers	6111		p ' J F M E \$ S P Q B O E 7 F H F U B C M F ( S P X F S T	
Tree and Shrub Crop Growers	6112		p 5 S F F B O E 4 I S V C \$ S P Q ( S P X F S T	
Gardeners, Horticultural and Nursery Growers	6113		p ( B S E F O F S T ) P S U J D V M U V S B M B O E / V S T F S Z ( S P X F S T	( B S E F O B O E ) P S U J D V M U V S B M B O E / V S T F S Z ( S P X F S T
			Labourers	should logically be D M B T T J G J F E J O * 4 \$ 0 9211, they were not specifically mentioned in U I F E F G J O J U J P O P S U I F J O E F It is likely that some garden B O E I P S U J D V M U V S B M X P S L F S D M B T T J G J F E J O * 4 \$ 0 X F S F D M B T T J G J F E J O D F S U B J O O B U J P O B M D P O U F J O * 4 \$ 0
Mixed-crop Growers	6114		p . J Y F E \$ S P Q ( S P X F S T	
Dairy and Livestock Producers	6121		p - J W F T U P D L B O E % B J S Z 1 S P E V D F S T	
Poultry Producers	6122		p Poultry Producers	
Apiarists and Sericulturists	6123		p " Q J B S J T U T B O E 4 F S J D V M U V S J T U T	
Mixed-animal Producers	6124		p - J W F T U P D L B O E % B J S Z 1 S P E V D F S T	
			p Poultry Producers	
			p " Q J B S J T U T B O E 4 F S J D V M U V S J T U T	
Market-oriented Animal Producers and Related Workers Not Elsewhere Classified	6129		1 F U ( S P P N F S T B O E " O J N B M \$ B S F Workers	" O J N B M 1 S P E V D F S T / P U Elsewhere Classified
Market-oriented Crop and Animal Producers	6130		p . J Y F E \$ S P Q B O E " O J N B M Producers	
Forestry Workers and Loggers	6141		p ' P S F T U S Z B O E 3 F M B U F E 8 P S L F S T	
Charcoal Burners and Related Workers	6142		p ' P S F T U S Z B O E 3 F M B U F E 8 P S L F S T	
Aquatic-life Cultivation Workers	6151		p " R V B D V M U V S F 8 P S L F S T	
Inland and Coastal Waters Fishery Workers	6152		p * O M B O E B O E \$ P B T U B M 8 B U F S T Fishery Workers	
			p 6 O E F S X B U F S % J W F S T	% J W F S T G P S T Q P O B O E P U I F S B R V B U J D Q S P E V D
Deep-sea Fishery Workers	6153		p % F F Q T F B ' J T I F S Z 8 P S L F S T	
Hunters and Trappers	6154		) V O U F S T B O E 5 S B Q Q F S T	
Subsistence Agricultural and Fishery Workers	6210		Subsistence Crop Farmers	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Subsistence Agricultural and Fishery Workers			4 V C T J T U F O D F . J Y F E \$ S P Q B O E - J W F T U P D L ' B S N F S T Subsistence Fishers, Hunters, 5 S B Q Q F S T B O E ( B U I F S F S T	
Miners and Quarry Workers	7111		. J O J O H 4 V Q F S W J T P S T p . J O F S T B O E 2 V B S S J F S T	
Shotfirers and Blasters	7112		4 I P U G J S F S T B O E # M B T U F S T	
Stone Splitters, Cutters and Carvers	7113		p S t o n e m a s o n s , S t o n e C u t t e r s , 4 Q M J U U F S T B O E \$ B S W F S T	
Builders, Traditional Materials	7121	7111	p H o u s e B u i l d e r s	
Bricklayers and Stonemasons	7122	7112	# S J D L M B Z F S T B O E 3 F M B U F E p S t o n e m a s o n s , S t o n e C u t t e r s , 4 Q M J U U F S T B O E \$ B S W F S T	
Concrete Placers, Concrete Finishers and Related Workers	7123		C o n c r e t e P l a c e r s , C o n c r e t e ' J O J T I F S T B O E 3 F M B U F E 8 P S L F S T	
Carpenters and Joiners	7124		\$ B S Q F O U F S T B O E + P J O F S T	
Building Frame and Related Trades Workers Not Elsewhere Classified	7129		p \$ P O T U S V D U J P O 4 V Q F S W J T P S T 7111 p H o u s e B u i l d e r s H o u s e b u i l d e r s n o t u s i n g t r a d i t i o n a l m a t e r i a l s 7119 # V J M E J O H ' S B N F B O E 3 F M B U F E 5 S B E F T 8 P S L F S T / P U & M T F X I F S F C l a s s i f i e d	
Roofers	7131	7121	R o o f e r s	
Floor Layers and Tile Setters	7132	7122	' M P P S - B Z F S T B O E 5 J M F 4 F U U F S T	
Plasterers	7133		P l a s t e r e r s	
Insulation Workers	7134		I n s u l a t i o n W o r k e r s	
Glaziers	7135		( M B [ J F S T	
Plumbers and Pipe Fitters	7136		1 M V N C F S T B O E 1 J Q F ' J U U F S T	
Building and Related Electricians	7137		# V J M E J O H B O E 3 F M B U F E E l e c t r i c i a n s	
Painters and Related Workers	7141		1 B J O U F S T B O E 3 F M B U F E 8 P S L F S T	
Varnishers and Related Painters	7142		4 Q S B Z 1 B J O U F S T B O E 7 B S O J T I F S T	
Building Structure Cleaners	7143		B u i l d i n g S t r u c t u r e C l e a n e r s ' V N J H B U P S T B O E O U I F S 1 F T U B O E 8 F F E \$ P O U S P M M F S T	
Metal Moulders and Coremakers	7211	7211	p . F U B M . P V M E F S T B O E \$ P S F N B L F S T	
Welders and Flamecutters	7212	7212	8 F M E F S T B O E ' M B N F \$ V U U F S T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Sheet-metal Workers	7213		4 I F F U . F U B M 8 P S L F S T	
Structural-metal Preparers and Erectors	7214		4 U S V D U V S B M . F U B M 1 S F Q B S F S T B O E & S F D U P S T	
Riggers and Cable Splicers	7215		3 J H H F S T B O E \$ B C M F 4 Q M J D F S T	
Underwater Workers	7216		p 6 O E F S X B U F S % J W F S T	
Blacksmiths, Hammer-smiths and Forging-press Workers	7221	7221	Blacksmiths, Hammersmiths B O E ' P S H J O H 1 S F T T 8 P S L F S T	
Tool-makers and Related Workers	7222	7222	5 P P M N B L F S T B O E 3 F M B U F E Workers	
Machine-tool Setters and Setter-operators	7223		p . F U B M 8 P S L J O H . B D I J O F 5 P P M 4 F U U F S T B O E O Q F S B U P S T p Handicraft Workers Not Elsewhere Classified . F U B M U P Z N B L F S T	
Metal Wheel-grinders, Polishers and Tool Sharpeners	7224		. F U B M 1 P M J T I F S T 8 I F F M ( S J O E F S T B O E 5 P P M 4 I B S Q F O F S T	
Motor Vehicle Mechanics and Fitters	7231		. P U P S 7 F I J D M F . F D I B O J D T B O E 3 F Q B J S F S T # J D Z D M F B O E 3 F M B U F E 3 F Q B J S F S T	
Aircraft Engine Mechanics and Fitters	7232		" J S D S B G U & O H J O F . F D I B O J D T B O E 3 F Q B J S F S T	
Agricultural- or Industrial machinery Mechanics and Fitters	7233	7127	" J S \$ P O E J U J P O J O H B O E 3 F G S J H F S B U J P O . F D I B O J D T " H S J D V M U V S B M B O E * O E V T U S J B M . B D I J O F S Z . F D I B O J D T B O E 3 F Q B J S F S T	
Electrical Mechanics and Fitters	7241		& M F D U S J D B M . F D I B O J D T B O E ' J U U F S T	
Electronics Fitters	7242		p & M F D U S P O J D T . F D I B O J D T B O E 4 F S W J D F S T p Information B O E \$ P N N V O J D B U J P O T 5 F D I O P M P H Z * O T U B M M F S T B O E 4 F S W J D F S T	
Electronics Mechanics and Servicers	7243		p & M F D U S P O J D T . F D I B O J D T B O E 4 F S W J D F S T p Information and \$ P N N V O J D B U J P O T 5 F D I O P M P H Z * O T U B M M F S T B O E 4 F S W J D F S T	
Telegraph and Telephone Installers and Servicers	7244		p Information and \$ P N N V O J D B U J P O T 5 F D I O P M P H Z * O T U B M M F S T B O E 4 F S W J D F S T	
Electrical Line Installers, Repairers and Cable Jointers	7245		Electrical Line Installers B O E 3 F Q B J S F S T p Information and \$ P N N V O J D B U J P O T 5 F D I O P M P H Z * O T U B M M F S T B O E 4 F S W J D F S T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Precision-instrument Makers and Repairers	7311		p .FEJDBM BOE %FOUBM 1SPTUIFUJD 5FDIOJDDJBOT 1SFDJTJPO JOTUSVNF O U .BLFST BOE 3FQBJSFST	
Musical-instrument Makers and Tuners	7312		.VTJDBM *OTUSVNF O U .BLFST BOE 5VOFST	
Jewellery and Precious-metal Workers	7313		+FXFMMSZ BOE 1SFDJPTV .FUBM Workers	
Abrasive Wheel Formers, Potters and Related Workers	7321		1PUUFST BOE 3FMBUFE 8PSLFST	
Glass-makers, Cutters, Grinders and Finishers	7322		(MBTT .BLFST \$VUUFST (SJOEFST BOE 'JOJTIFST \$SBGU BOE 3FM B U F P o l i s h e r s , g r i n d e r s / P U Elsewhere Classified NPVMEFST BOE TMJDFST	
Glass Engravers and Etchers	7323		p 4JHOXSJUFST %FDPSBUJWF 1BJOUFST &OHSBWFST BOE &UDIFST	
Glass, Ceramics and Related Decorative Painters	7324		p 4JHOXSJUFST %FDPSBUJWF 1BJOUFST &OHSBWFST BOE &UDIFST	
Handicraft Workers in Wood and Related Materials	7331		p Handicraft Workers in Wood, #BTLFUSZ BOE 3FMBUFE .BUFSJBMT p Handicraft Workers Not Elsewhere Classified	
Handicraft Workers in Textile, Leather and Related Materials	7332		p )BOEJDSBGU 8PSLFST JO 5FYUJMF -FBUIFS BOE 3FMBUFE .BUFSJBMT	
Compositors, Typesetters and Related Workers	7341		p 1SF QSFTT 5FDIOJDDJBOT p Printers Printers, printing machine setters, takers-off	
Stereotypers and Electrotypers	7342		p 1SF QSFTT 5FDIOJDDJBOT	
Printing Engravers and Etchers	7343		p 1SF QSFTT 5FDIOJDDJBOT	
Photographic and Related Workers	7344		p Photographic Products .BDIJOF OQFSBUPST	
Bookbinders and Related Workers	7345		p 1SJOU 'JOJTIOH BOE #JOEJOH Workers	
Silk-screen, Block and Textile Printers	7346		p Printers	
Butchers, Fishmongers and Related Food Preparers	7411		Butchers, Fishmongers BOE 3FMBUFE 'PPE 1SFQBSFST	
Bakers, Pastry-cooks and Confectionery Makers	7412		Bakers, Pastry-cooks BOE \$POGFDUJPOFSZ .BLFST	
Dairy-products Makers	7413		%BJSZ 1SPEVDUT .BLFST	
Fruit, Vegetable and Related Preservers	7414		'SVJU 7FHFUBCMF BOE 3FMBUFE 1SFTFSWFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Food and Beverage Taster and Graders	3415		' P P E B O E # F W F S B H F B O E ( S B E F S T	
Tobacco Preparers and Tobacco Products Makers	7416		5 P C B D D P 1 S F Q B S F S T B O E 5 P C B D D P 1 S P E V D U T . B L F S T	
Wood Treaters	7421		p 8 P P E 5 S F B U F S T	
Cabinet-makers and Related Workers	7422		\$ B C J O F U N B L F S T B O E 3 F M B U F E W o r k e r s	
Woodworking-machine Setters and Setter-operators	7423		p 8 P P E X P S L J O H . B D I J O F 5 P P M 4 F U U F S T B O E O Q F S B U P S T	
Basketry Weavers, Brush Makers and Related Workers	7424		p H a n d i c r a f t W o r k e r s i n W o o d , # B T L F U S Z B O E 3 F M B U F E . B U F S J B M T	
Fibre Preparers	7431		p ) B O E J D S B G U 8 P S L F S T J O 5 F Y U J M F - F B U I F S B O E 3 F M B U F E . B U F S J B M T	
Weavers, Knitters and Related Workers	7432		p ) B O E J D S B G U 8 P S L F S T J O 5 F Y U J M F - F B U I F S B O E 3 F M B U F E . B U F S J B M T p 8 F B W J O H B O E , O J B U B W H O H . B D I O O F L O J U U J O H O p e r a t o r s m a c h i n e s e t t e r s	
Tailors, Dressmakers and Hatters	7433		p 5 B J M P S T % S F T T N B L F S T ' V S S J F S T B O E ) B U U F S T	
Furriers and Related Workers	7434		p 5 B J M P S T % S F T T N B L F S T ' V S S J F S T B O E ) B U U F S T	
Textile, Leather and Related Pattern-makers and Cutters	7435		( B S N F O U B O E 3 F M B U F E 1 B U U F S O N B L F S T B O E \$ V U U F S T	
Sewers, Embroiderers and Related Workers	7436		S e w i n g , E m b r o i d e r y B O E 3 F M B U F E 8 P S L F S T	
Upholsterers and Related Workers	7437		6 Q I P M T U F S F S T B O E 3 F M B U F E W o r k e r s	
Pelt Dressers, Tanners and Fellmongers	7441		1 F M U % S F T T F S T 5 B O O F S T B O E ' F M M N P O H F S T	
Shoe-makers and Related Workers	7442		4 I P F N B L F S T B O E 3 F M B U F E W o r k e r s	
Mining-plant Operators	8111		. J O J O H 4 V Q F S W J T P S T p . J O F S T B O E 2 V B S S J F S T	
Mineral-ore- and Stone-processing-plant Operators	8112		. J O F S B M B O E 4 U P O F 1 S P D F T T J O H P l a n t O p e r a t o r s	
Well Drillers and Borers and Related Workers	8113		8 F M M % S J M M F S T B O E # P S F S T B O E 3 F M B U F E 8 P S L F S T	
Ore and Metal Furnace Operators	8121		p . F U B M 1 S P E V D U J P O 1 S P D F T T C o n t r o l l e r s p . F U B M 1 S P D F T T J O H 1 M B O U O p e r a t o r s	
Metal Melters, Casters and Rolling-mill Operators	8122		p . F U B M 1 S P E V D U J P O 1 S P D F T T C o n t r o l l e r s p . F U B M 1 S P D F T T J O H 1 M B O U O p e r a t o r s	



ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Metal-heat-treating-plant Operators	8123		p . F U B M 1 S P E V D U J P O 1 S P D F T T Controllers p . F U B M 1 S P D F T T J O H 1 M B O U Operators	
Metal Drawers and Extruders	8124		p . F U B M 1 S P E V D U J P O 1 S P D F T T Controllers p . F U B M 1 S P D F T T J O H 1 M B O U Operators	
Glass and Ceramics Kiln and Related Machine Operators	8131		p ( M B T T B O E \$ F S B N J D T 1 M B O U Operators	
Glass, Ceramics and Related Plant Operators Not Elsewhere Classified	8139		p ( M B T T B O E \$ F S B N J D T 1 M B O U Operators	
Wood-processing-plant Operators	8141		Wood Processing Plant Operators	
Paper-pulp Plant Operators	8142		p 1 S P D F T T \$ P O U S P M 5 F D I O J D J B O T Not Elsewhere Classified p 1 V M Q B O E 1 B Q F S N B L J O H 1 M B O U Operators	
Papermaking-plant Operators	8143		p 1 S P D F T T \$ P O U S P M 5 F D I O J D J B O T Not Elsewhere Classified p 1 V M Q B O E 1 B Q F S N B L J O H 1 M B O U Operators	
Crushing-, Grinding- and Chemical-mixing Machinery Operators	8151		p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	
Chemical-heat-treating-plant Operators	8152		p Chemical Processing Plant Controllers p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	
Chemical-filtering- and Separating-equipment Operators	8153		p Chemical Processing Plant Controllers p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	
Chemical-still and Reactor operators (except Petroleum and Natural Gas)	8154		p Chemical Processing Plant Controllers p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	
Petroleum- and Natural-gas-refining-plant Operators	8155		1 F U S P M F V N B O E / B U V S B M ( B T Refining Plant Operators p Chemical Products Plant Operators of compounders B O E . B D I J O F O Q F S B O U E P \$ T U I F S T J O H M F Q S P D F T T Q M B O U B O E N B D I J O F S Z J O Q F U S P M F V N B O E H B T refineries	
Chemical-processing-plant Operators Not Elsewhere Classified	8159		p Chemical Processing Plant Controllers p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Power-production Plant Operators	8161		Power Production Plant Operators	
Steam-engine and Boiler Operators	8162		4 U F B N & O H J O F B O E # P J M F S Operators	
Incinerator, water-treatment and Related Plant Operators	8163		* O D J O F S B U P S B O E 8 B U F S 5 S F B U N F O U 1 M B O U O Q F S B U P S T	
Automated-assembly-line Operators	8171		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p 1 S P D F T T \$ P O U S P M 5 F D I O J D J B O T Not Elsewhere Classified	
Industrial-robot Operators	8172		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p 1 S P D F T T \$ P O U S P M 5 F D I O J D J B O T Not Elsewhere Classified	
Machine-tool Operators	8211	7211	p . B O V G B D U V S J O H 4 V Q F S W J T P S T p . F U B M . P V M E F S T Coremaking machine B O E \$ P S F N B L F S T operators p . F U B M 8 P S L J O H . B D I J O F 5 P P M 4 F U U F S T B O E O Q F S B U P S T	
Cement and Other Mineral Products Machine Operators	8212		\$ F N F O U 4 U P O F B O E O U I F S . J O F S B M 1 S P E V D U T . B D I J O F Operators	
Pharmaceutical-and Toiletry-products Machine Operators	8221		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	
Ammunition-and Explosive-products Machine Operators	8222		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	
Metal Finishing-, Plating- and Coating-machine Operators	8223		p . B O V G B D U V S J O H 4 V Q F S W J T P S T . F U B M ' J O J T I J O H 1 M B U J O H B O E \$ P B U J O H . B D I J O F Operators	
Photographic-products Machine Operators	8224		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p Photographic Products . B D I J O F O Q F S B U P S T	
Chemical-products Machine Operators Not Elsewhere Classified	8229		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p Chemical Products Plant B O E . B D I J O F O Q F S B U P S T	
Rubber-products Machine Operators	8231		p . B O V G B D U V S J O H 4 V Q F S W J T P S T 3 V C C F S 1 S P E V D U T . B D I J O F Operators	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Plastic-products Machine Operators	8232		p . B O V G B D U V S J O H 4 V Q F S W J T P S T 1 M B T U J D 1 S P E V D U T . B D I J O F Operators	
Wood-products Machine Operators	8240		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p 8 P P E 5 S F B U F S T Wood treating machine operators p 8 P P E X P S L J O H . B D I J O F 5 P P M 4 F U U F S T B O E O Q F S B U P S T	
Printing-machine Operators	8251		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p Printers	
Bookbinding-machine Operators	8252		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p 1 S J O U ' J O J T I J O H B O E # J O E J O H Workers	
Paper-products Machine Operators	8253		p . B O V G B D U V S J O H 4 V Q F S W J T P S T 1 B Q F S 1 S P E V D U T . B D I J O F Operators	
Fibre-preparing-, Spinning and Winding-machine Operators	8261		p . B O V G B D U V S J O H 4 V Q F S W J T P S T Fibre Preparing, Spinning B O E 8 J O E J O H . B D I J O F Operators	
Weaving- and Knitting-machine Operators	8262		p . B O V G B D U V S J O H 4 V Q F S W J T P S T p 8 F B W J O H B O E , O J U U J O H . B D I J O F Operators	
Sewing-machine Operators	8263		p . B O V G B D U V S J O H 4 V Q F S W J T P S T 4 F X J O H . B D I J O F O Q F S B U P S T	
Bleaching-, Dyeing- and Cleaning-machine Operators	8264		p . B O V G B D U V S J O H 4 V Q F S W J T P S T # M F B D I J O H % Z F J O H B O E ' B C S J D \$ M F B O J O H . B D I J O F O Q F S B U P S T - B V O E S Z . B D I J O F O Q F S B U P S T	
Fur- and Leather-preparing-machine Operators	8265		p . B O V G B D U V S J O H 4 V Q F S W J T P S T ' V S B O E - F B U I F S 1 S F Q B S J O H . B D I J O F O Q F S B U P S T	
Shoemaking- and Related Machine Operators	8266		p . B O V G B D U V S J O H 4 V Q F S W J T P S T 4 I P F N B L J O H B O E 3 F M B U F E . B D I J O F O Q F S B U P S T	
Textile-, Fur- and Leather-products Machine Operators Not Elsewhere Classified	8269		p . B O V G B D U V S J O H 4 V Q F S W J T P S T 5 F Y U J M F ' V S B O E - F B U I F S 1 S P E V D U T . B D I J O F O Q F S B U P S T Not Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Meat- and Fish-processing machine Operators	8271		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Dairy-products Machine Operators	8272		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Grain- and Spice-milling- machine Operators	8273		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Baked-goods, Cereal and Chocolate-products- machine Operators	8274		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Fruit-, Vegetable- and Nut- processing-machine Operators	8275		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Sugar Production Machine Operators	8276		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Tea-, Coffee- and Cocoa- processing-machine Operators	8277		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Brewers-, Wine and Other Beverage Machine Operators	8278		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Tobacco Production Machine Operators	8279		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p ' P P E B O E 3 F M B U F E 1 S P E V D U T . B D I J O F O Q F S B U P S T	
Mechanical-machinery Assemblers	8281		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			. F D I B O J D B M . B D I J O F S Z " T T F N C M F S T	
Electrical-equipment Assemblers	8282		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p & M F D U S J D B M B O E & M F D U S P O J D & R V J Q N F O U " T T F N C M F S T	
Electronic-equipment Assemblers	8283		p . B O V G B D U V S J O H 4 V Q F S W J T P S T	
			p & M F D U S J D B M B O E & M F D U S P O J D & R V J Q N F O U " T T F N C M F S T	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Metal-, Rubber- and Plastic-products Assemblers	8284		p . B O V G B D U V S J O H	4 V Q F S W J T P S T
			p " T T F N C M F S T / P U	& M T F X I F S F Classified
Wood and Related Products Assemblers	8285		p . B O V G B D U V S J O H	4 V Q F S W J T P S T
			p " T T F N C M F S T / P U	& M T F X I F S F Classified
Paperboard, Textile and Related Products Assemblers	8286		p . B O V G B D U V S J O H	4 V Q F S W J T P S T
			p " T T F N C M F S T / P U	& M T F X I F S F Classified
Other Machine Operators and Assemblers	8290		p . B O V G B D U V S J O H	4 V Q F S W J T P S T
			1 B D L J O H # P U U M J O H	B O E - B C F M M J O H . B D I J O F O Q F S B U P S T
			4 U B U J P O B S Z 1 M B O U	B O E . B D I J O F Operators Not Elsewhere Classified
			p " T T F N C M F S T / P U	& M T F X I F S F Classified
Locomotive-engine Drivers	8311		- P D P N P U J W F	& O H J O F % S J W F S T
Railway Brakers, Signallers and Shunters	8312		Railway Brake, Signal	B O E 4 X J U D I O Q F S B U P S T
Motor-cycle Drivers	8321		. P U P S D Z D M F	% S J W F S T
Car, Taxi and Van Drivers	8322		\$ B S 5 B Y J	B O E 7 B O % S J W F S T
Bus and Tram Drivers	8323		# V T	B O E 5 S B N % S J W F S T
Heavy Truck and Lorry Drivers	8324		) F B W Z 5 S V D L	B O E - P S S Z % S J W F S T
Motorised Farm and Forestry Plant Operators	8331		. P C J M F ' B S N	B O E ' P S F T U S Z Plant Operators
Earth-moving- and Related Plant Operators	8332		& B S U I N P W J O H	B O E 3 F M B U F E 1 M B O U Operators
Crane, Hoist and Related Plant Operators	8333		\$ S B O F ) P J T U	B O E 3 F M B U F E 1 M B O U Operators
Lifting-truck Operators	8334		- J G U J O H 5 S V D L	O Q F S B U P S T
Ships Deck Crews and Related Workers	8340		4 I J Q T % F D L	\$ S F X T B O E 3 F M B U F E Workers
Street Food Vendors	9111			Street Food Salespersons
Street Vendors, Non-food Products	9112		4 U S F F U 7 F O E P S T	F Y D M V E J O H Food)
Door-to-door and Telephone Salespersons	9113		% P P S U P E P P S	T B M F T Q F S T P O T Contact Centre Salespersons
Shoe Cleaning and Other Street Services Elementary Occupations	9120		4 U S F F U	B O E 3 F M B U F E 4 F S W J D F Workers

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Domestic Helpers and Cleaners	9131	9111	% P N F T U J D \$ M F B O F S T B O E ) F M Q F S T	
Helpers and Cleaners in Offices, Hotels and Other Establishments	9132	9112	\$ M F B O F S T B O E ) F M Q F S T J O O G G J D F T ) P U F M T B O E O U I F S Kitchen Helpers	
Hand-launderers and Pressers	9133	9121	) B O E - B V O E F S F S T B O E 1 S F T T F S T	
Building Caretakers	9141		Building Caretakers	
Vehicle, Window and Related Cleaners	9142	9122	Vehicle Cleaners Window Cleaners	
		9129	Other Cleaning Workers	
Messengers, Package and Luggage Porters and Deliverers	9151		p . F T T F O H F S T 1 B D L B H F % F M J W F S F S T B O E - V H H B H F 1 P S U F S T	
Doorkeepers, Watchpersons and Related Workers	9152		p 4 F D V S J U Z ( V B S E T p . F T T F O H F S T 1 B D L B H F % F M J W F S F S T B O E - V H H B H F 1 P S U F S T	
			Elementary Workers Not Elsewhere Classified	
Vending-machine Money Collectors, Meter Readers and Related Workers	9153		. F U F S 3 F B E F S T B O E 7 F O E J O H machine Collectors	
Garbage Collectors	9161		( B S C B H F B O E 3 F D Z D M J O H Collectors Refuse Sorters	
Sweepers and Related Labourers	9162		4 X F F Q F S T B O E 3 F M B U F E Labourers Odd-job Persons	
			8 B U F S B O E ' J S F X P P E \$ P M M F D U P S T	
Farm-hands and Labourers	9211	9211	Crop Farm Labourers	
		9212	- J W F T U P D L ' B S N - B C P V S F S T . J Y F E \$ S P Q B O E - J W F T U P D L Farm Labourers ( B S E F O B O E ) P S U J D V M U V S B M Labourers	
Forestry Labourers	9212		Forestry Labourers	
Fishery, Hunting and Trapping Labourers	9213		' J T I F S Z B O E " R V B D V M U V S F Labourers	
Mining and Quarrying Labourers	9311		. J O J O H B O E 2 V B S S Z J O H Labourers	
Construction and Maintenance Labourers: Roads, Dams and Similar Constructions	9312		\$ J W J M & O H J O F F S J O H - B C P V S F S T	
Building Construction Labourers	9313		Building Construction Labourers	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Assembling Labourers	9321		p . B O V G B D U V S J O H Elsewhere Classified	- B C P V S F S T / P U
Hand Packers and Other Manufacturing Labourers	9322		) B O E 1 B D L F S T p . B O V G B D U V S J O H Elsewhere Classified	- B C P V S F S T / P U
Hand or Pedal Vehicle Drivers	9331		) B O E B O E 1 F E B M 7 F I J D M F % S J W F S T	
Drivers of Animal-drawn Vehicles and Machinery	9332		% S J W F S T P G " O J N B M E S B X O 7 F I J D M F T B O E . B D I J O F S Z	
Freight Handlers	9333		Freight Handlers Shelf Fillers	
Armed Forces	0110	0110	\$ P N N J T T J P O F E Officers	" S N F E ' P S D F T
		0210	/ P O D P N N J T T J P O F E Forces Officers " S N F E ' P S D F T O D D V Q B U J P O T Other Ranks	





