ANZSCO - Australian and New Zealand Standard Classification of Occupations

First Edition, Revision 1
For further information about these and related statistics, contact the ABS National Information and Referral Service on 1300 135 070 or Statistics New Zealand's Information Centre on 0508 525 525.

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ABBREVIATIONS

ABS  Australian Bureau of Statistics
ANZSCO  Australian and New Zealand Standard Classification of Occupations
AQF  Australian Qualifications Framework
ASCO  Australian Standard Classification of Occupations
Aus  Australia
GIS  geographic information system
ICT  information and communication technology
nec  not elsewhere classified
NZ  New Zealand
NZ Register  New Zealand Register of Quality Assured Qualifications
NZSCO  New Zealand Standard Classification of Occupations
Statistics NZ  Statistics New Zealand
The aim of this revision is to help ensure that ANZSCO remains a contemporary reflection of the Australian and New Zealand labour markets. This aim has been constrained by the need to minimise disruption to data already classified to ANZSCO, and has been achieved by limiting changes to the occupation (6-digit) level of the classification. The revision includes the addition of new occupations and specialisations within occupations, changes to the titles of existing occupations, and amendments to definitions to update and help clarify the scope and content of certain occupations. Changes to the position of occupations within the structure were considered but none have been implemented because of the associated negative consequences for time-series occupation data. No changes have been made to the skill level of occupations already existing in ANZSCO First Edition.

New occupations have only been added where they were statistically viable. That is, they meet the minimum size guideline (as outlined in 'Statistical balance', page 9, Australian and New Zealand Standard Classification of Occupations (ANZSCO), First Edition, 2006 (ABS cat. no. 1220.0)) and they would be able to be accurately and consistently identified in statistical surveys, censuses and administrative collections.

ANZSCO First Edition was developed by the Australian Bureau of Statistics (ABS), Statistics New Zealand (Statistics NZ) and the (then) Australian Government Department of Employment and Workplace Relations. During the development of ANZSCO it was recognised that the needs of non-statistical users of ANZSCO would best be served if the classification could reflect the contemporary labour markets of Australia and New Zealand. To meet this need, it was agreed that minor updates to ANZSCO would be considered every two to three years.

ANZSCO First Edition was released in September 2006 and replaced the Australian Standard Classification of Occupations (ASCO) Second Edition and the New Zealand Standard Classification of Occupations (NZSCO) 1999 used previously in Australia and New Zealand, respectively. ANZSCO is primarily intended to provide an integrated framework for storing, organising and reporting occupation-related information in statistical applications. It can, however, be used in client-oriented applications, such as matching job seekers to job vacancies and career information.

In the interests of maintaining data comparability at major, sub-major, minor and unit group levels, no structural changes have been made to these levels. A number of title and definition changes have been made to improve clarity. No new unit or minor groups have been added.
This revision to ANZSCO First Edition sees the addition of 17 occupations and the merger of two occupations bringing the total number of occupations identified in ANZSCO First Edition Revision 1 to 1,014. There are also nine occupation title changes, six unit group title changes and one minor group title change; and changes to the definitions of 106 categories (sub-major groups, minor groups, unit groups and occupations) incorporated in this revision.

Consequential changes (reflecting the changes in the structure of ANZSCO First Edition) have been made to the supporting reference material and are reflected in the complete ANZSCO First Edition Revision 1 which can be found in the HTML version of the classification on the ABS website at <www.abs.gov.au/ausstats/abs@.nsf/mf/1220.0>.

This revision document details changes to the Definitions only.

The following table summarises the changes to particular categories in ANZSCO First Edition made in ANZSCO First Edition Revision 1. The changes are presented in code order.

The 'Nature of change' column shows where categories have been added or deleted to the classification structure and changes to the definition of existing categories. In the case of changes to the definition of a category, it identifies which particular definitional element(s) of that category have been changed.

The terms used to describe the definitional elements are:

**CATEGORY**
A discrete occupation, unit group, minor group or sub-major group.

**CODE**
The numerical representation of the category.

As outlined above, the changes incorporated in this revision include the following:
- the addition of new categories at the occupation level (6-digit level or 'occupations') of ANZSCO First Edition
- the deletion/merging of ANZSCO First Edition occupations
- updates to the definitions of occupations in ANZSCO First Edition
  - revisions to the principal title
  - the addition or deletion of alternative titles
  - revisions to the lead statement
  - the addition or deletion of specialisations
- updates to the definitions of sub-major groups (2-digit level), minor groups (3-digit level) and unit groups (4-digit level) in ANZSCO First Edition
  - revisions to the group title
  - revisions to the lead statement
  - revisions to the indicative skill level statement
  - revisions to the list of tasks
  - revisions to the list of occupations or unit groups

There is no movement of occupations between unit groups and no changes have been made to the skill level of occupations already existing in ANZSCO First Edition.
Summary of changes

made in this revision

continued

CATEGORY TITLE
The name used to describe the category.

For occupation (6-digit) categories, it is the principal title. The principal title is the title which best describes the particular occupation.

ALTERNATIVE TITLE(S)
Any commonly used alternative titles for the occupation. This element is used only for occupation (6-digit) categories.

LEAD STATEMENT
Describes the nature of the category and the main activities undertaken and, indirectly, the categories’ boundaries.

INDICATIVE SKILL LEVEL STATEMENT
For sub-major groups, minor groups and unit groups, the indicative skill level statement specifies the requirements for competent performance of occupations in the group, expressed in terms of the amount of formal education and training, previous experience and on-the-job training. Any special requirements, such as registration or licensing, are indicated in this statement.

For occupations, it is the number equating to the ANZSCO skill level of the occupation.

LIST OF TASKS
A representative list of the principal or indicative tasks undertaken in the group. This element is used only for sub-major groups, minor groups and unit groups. Lists of tasks are not provided for ‘miscellaneous’ and ‘other’ groups because of the disparate nature of the occupations contained in these groups.

LIST OF OCCUPATIONS
For sub-major groups, minor groups and unit groups, this element lists the categories (code and title) in the hierarchical level immediately below the group being defined.

For not elsewhere classified (nec) categories, this element provides a representative list of some of the occupations included in the nec category.

SPECIALISATION(S)
Any commonly used titles which refer to a subset of jobs belonging to the occupation designated in the principal title. This element is used only for occupation (6-digit) categories.
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<thead>
<tr>
<th>ANZSCO Category</th>
<th>Nature of change</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Specialist Managers</td>
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<tr>
<td>131</td>
<td>Advertising and Sales Managers</td>
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<td>1311</td>
<td>Advertising and Sales Managers</td>
</tr>
<tr>
<td>131111</td>
<td>Advertising and Public Relations Manager</td>
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<td>131113</td>
<td>Advertising Manager</td>
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<td>131114</td>
<td>Public Relations Manager</td>
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<td>Finance Managers</td>
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<td>133511</td>
<td>Production Manager (Forestry)</td>
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<td>1419</td>
<td>Other Accommodation and Hospitality Managers</td>
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<tr>
<td>141912</td>
<td>Retirement Village Manager</td>
</tr>
<tr>
<td>141999</td>
<td>Accommodation and Hospitality Managers nec</td>
</tr>
<tr>
<td>1499</td>
<td>Other Hospitality, Retail and Service Managers</td>
</tr>
<tr>
<td>149915</td>
<td>Equipment Hire Manager</td>
</tr>
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<td>149999</td>
<td>Hospitality, Retail and Service Managers nec</td>
</tr>
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<td>2242</td>
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</tr>
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<td>224212</td>
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<td>224213</td>
<td>Health Information Manager</td>
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<td>Air and Marine Transport Professionals</td>
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<td>2311</td>
<td>Air Transport Professionals</td>
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<td>231113</td>
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<td>231299</td>
<td>Marine Transport Professionals nec</td>
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<td>232</td>
<td>Architects, Designers, Planners and Surveyors</td>
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<td>2322</td>
<td>Cartographers and Surveyors</td>
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<td>232211</td>
<td>Cartographer</td>
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<td>232212</td>
<td>Surveyor</td>
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<td>Cartographer</td>
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<tr>
<td>232214</td>
<td>Other Spatial Scientist</td>
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<tr>
<td>234311</td>
<td>Forester (Aus) / Forest Scientist (NZ)</td>
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<tr>
<td>234312</td>
<td>Conservation Officer</td>
</tr>
<tr>
<td>234314</td>
<td>Park Ranger</td>
</tr>
<tr>
<td>234399</td>
<td>Environmental Scientists nec</td>
</tr>
<tr>
<td>2511</td>
<td>Dietitians</td>
</tr>
<tr>
<td>251111</td>
<td>Dietitian</td>
</tr>
<tr>
<td>251211</td>
<td>Medical Diagnostic Radiographer</td>
</tr>
<tr>
<td>251212</td>
<td>Medical Radiation Therapist</td>
</tr>
<tr>
<td>251213</td>
<td>Nuclear Medicine Technologist</td>
</tr>
<tr>
<td>251214</td>
<td>Sonographer</td>
</tr>
<tr>
<td>2514</td>
<td>Optometrists and Orthoptists</td>
</tr>
<tr>
<td>251412</td>
<td>Orthoptist</td>
</tr>
<tr>
<td>253</td>
<td>Medical Practitioners</td>
</tr>
<tr>
<td>2532</td>
<td>Anaesthetists</td>
</tr>
<tr>
<td>2533</td>
<td>Internal Medicine Specialists</td>
</tr>
<tr>
<td>253314</td>
<td>Clinical Oncologist</td>
</tr>
<tr>
<td>253399</td>
<td>Internal Medicine Specialists nec</td>
</tr>
<tr>
<td>2539</td>
<td>Other Medical Practitioners</td>
</tr>
<tr>
<td>253916</td>
<td>Radiologist</td>
</tr>
<tr>
<td>253917</td>
<td>Diagnostic and Interventional Radiologist</td>
</tr>
<tr>
<td>253918</td>
<td>Radiation Oncologist</td>
</tr>
<tr>
<td>253999</td>
<td>Medical Practitioners nec</td>
</tr>
<tr>
<td>ANZSCO Category</td>
<td>Nature of change</td>
</tr>
<tr>
<td>-----------------</td>
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<tr>
<td>25413 Registered Nurse (Child and Family Health)</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>2613 Software and Applications Programmers</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>261313 Software Engineer</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>261314 Software Tester</td>
<td>Category added.</td>
</tr>
<tr>
<td>261399 Software and Applications Programmers nec</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>271299 Judicial and Other Legal Professionals nec</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>272113 Family and Marriage Counsellor</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>3112 Medical Technicians</td>
<td>Indicative skill level statement, list of tasks and list of occupations revised.</td>
</tr>
<tr>
<td>311216 Pathology Collector (Aus) / Phlebotomist (NZ)</td>
<td>Category added.</td>
</tr>
<tr>
<td>3121 Architectural, Building and Surveying Technicians</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>312116 Surveying or Cartographic Technician</td>
<td>Category title, alternative title(s), lead statement and specialisation(s) revised.</td>
</tr>
<tr>
<td>312199 Architectural, Building and Surveying Technicians nec</td>
<td>Category added.</td>
</tr>
<tr>
<td>312311 Electrical Engineering Draftsperson</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>312312 Electrical Engineering Technician</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>321211 Motor Mechanic (General)</td>
<td>Alternative title(s) and specialisation(s) revised.</td>
</tr>
<tr>
<td>321212 Diesel Motor Mechanic</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>323312 Aircraft Maintenance Engineer (Mechanical)</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>323315 Saw Maker and Repairer</td>
<td>Alternative title(s) revised.</td>
</tr>
<tr>
<td>324111 Panelbeater</td>
<td>Alternative title(s) revised.</td>
</tr>
<tr>
<td>324311 Vehicle Painter</td>
<td>Alternative title(s) revised.</td>
</tr>
<tr>
<td>3423 Electronics Trades Workers</td>
<td>Lead statement revised.</td>
</tr>
<tr>
<td>342311 Business Machine Mechanic</td>
<td>Alternative title(s), lead statement and specialisation(s) revised.</td>
</tr>
<tr>
<td>342313 Electronic Equipment Trades Worker</td>
<td>Lead statement and specialisation(s) revised.</td>
</tr>
<tr>
<td>392 Printing Trades Workers</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>3921 Binders, Finishers and Screen Printers</td>
<td>Category title, lead statement and list of occupations revised.</td>
</tr>
<tr>
<td>392111 Binder and Finisher</td>
<td>Category title and alternative title(s) revised.</td>
</tr>
<tr>
<td>3931 Canvas and Leather Goods Makers</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>393111 Canvas Goods Maker</td>
<td>Category title and alternative title(s) revised.</td>
</tr>
<tr>
<td>3999 Other Miscellaneous Technicians and Trades Workers</td>
<td>Lead statement, indicative skill level statement and list of occupations revised.</td>
</tr>
<tr>
<td>399918 Fire Protection Equipment Technician</td>
<td>Category added.</td>
</tr>
<tr>
<td>399999 Technicians and Trades Workers nec</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>411213 Dental Technician</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>421111 Child Care Worker</td>
<td>Specialisation(s) revised.</td>
</tr>
<tr>
<td>423111 Aged or Disabled Carer</td>
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</tr>
<tr>
<td>4234 Special Care Workers</td>
<td>Lead statement and list of tasks revised.</td>
</tr>
<tr>
<td>423411 Child or Youth Residential Care Assistant</td>
<td>Alternative title(s) and lead statement revised.</td>
</tr>
<tr>
<td>423412 Hostel Parent</td>
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</tr>
<tr>
<td>431999 Hospitality Workers nec</td>
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<td>4518 Other Personal Service Workers</td>
<td>Lead statement, indicative skill level statement and list of occupations revised.</td>
</tr>
<tr>
<td>451814 Body Artist</td>
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</tr>
<tr>
<td>451815 First Aid Trainer</td>
<td>Category added.</td>
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<tr>
<td>451816 Religious Assistant</td>
<td>Category added.</td>
</tr>
<tr>
<td>451899 Personal Service Workers nec</td>
<td>List of occupations revised.</td>
</tr>
<tr>
<td>512 Office and Practice Managers</td>
<td>List of tasks revised.</td>
</tr>
<tr>
<td>5121 Office Managers</td>
<td>List of tasks revised.</td>
</tr>
<tr>
<td>5122 Practice Managers</td>
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<tr>
<td>552 Financial and Insurance Clerks</td>
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</tr>
<tr>
<td>5522 Credit and Loans Officers</td>
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</tr>
<tr>
<td>552211 Credit or Loans Officer</td>
<td>Category title and alternative title(s) revised.</td>
</tr>
<tr>
<td>5613 Filing and Registry Clerks</td>
<td>List of tasks revised.</td>
</tr>
<tr>
<td>561311 Filing or Registry Clerk</td>
<td>Specialisation(s) revised.</td>
</tr>
</tbody>
</table>
Where the scope and/or content of a category in ANZSCO First Edition has changed in ANZSCO First Edition Revision 1, the original code assigned to that category has been retired and a new code assigned in ANZSCO First Edition Revision 1. This has occurred irrespective of whether or not the title of the category has changed.

For example, the ANZSCO First Edition occupation 131111 Advertising and Public Relations Manager has been split into two new occupations: Advertising Manager, and Public Relations Manager. As neither of these two occupations equates to the old occupation 131111, this code has been retired and new codes 131113 and 131114 have been assigned to the two new occupations.

### CODE REUSE AND CODE RETIREMENT

<table>
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<th>ANZSCO Category</th>
<th>Nature of change</th>
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<tr>
<td>5911</td>
<td>Purchasing and Supply Logistics Clerks</td>
</tr>
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<td>Order Clerk</td>
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<td>591114</td>
<td>Sales Clerk</td>
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<td>591117</td>
<td>Order Clerk</td>
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<tr>
<td>5999</td>
<td>Other Miscellaneous Clerical and Administrative Workers</td>
</tr>
<tr>
<td>599911</td>
<td>Coding Clerk</td>
</tr>
<tr>
<td>599915</td>
<td>Clinical Coder</td>
</tr>
<tr>
<td>599916</td>
<td>Facilities Administrator</td>
</tr>
<tr>
<td>599999</td>
<td>Clerical and Administrative Workers nec</td>
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<tr>
<td>7113</td>
<td>Paper and Wood Processing Machine Operators</td>
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<td>711312</td>
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<td>711314</td>
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<td>711514</td>
<td>Plastics Production Machine Operator (General)</td>
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<td>Reinforced Plastic and Composite Production Worker</td>
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<tr>
<td>711599</td>
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<tr>
<td>712</td>
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<tr>
<td>7123</td>
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<td>712311</td>
<td>Engineering Production Systems Worker</td>
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<td>821914</td>
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<tr>
<td>839412</td>
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<tr>
<td>8399</td>
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<td>839918</td>
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<td>8412</td>
<td>Crop Farm Workers</td>
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<td>841217</td>
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<td>841311</td>
<td>Forestry Worker</td>
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<td>8419</td>
<td>Other Farm, Forestry and Garden Workers</td>
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<td>841912</td>
<td>Pest or Weed Controller</td>
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<tr>
<td>841913</td>
<td>Pest Controller</td>
</tr>
<tr>
<td>841999</td>
<td>Farm, Forestry and Garden Workers nec</td>
</tr>
<tr>
<td>8994</td>
<td>Motor Vehicle Parts and Accessories Fitters</td>
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<tr>
<td>899413</td>
<td>Exhaust and Muffler Fitter</td>
</tr>
<tr>
<td>899414</td>
<td>Radiator Fitter</td>
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<tr>
<td>8999</td>
<td>Other Miscellaneous Labourers</td>
</tr>
<tr>
<td>899923</td>
<td>Road Traffic Controller</td>
</tr>
<tr>
<td>899999</td>
<td>Labourers nec</td>
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<table>
<thead>
<tr>
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<tr>
<td>List of occupations revised.</td>
<td></td>
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<td>Lead statement, indicative skill level statement and list of occupations revised.</td>
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<td>Lead statement, indicative skill level statement and list of occupations revised.</td>
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Code retirement is necessary to avoid potential confusion for users wishing to compare occupation data coded to ANZSCO First Edition with that coded to ANZSCO First Edition Revision 1. If codes were not retired whenever the scope and/or content of a category had changed, users may inadvertently attempt to compare data using a classification code thinking that there has been no change between the two categories represented by the code.

An exception to this principle are codes assigned to 'not elsewhere classified' (nec) categories. Where new occupations have been extracted from an 'nec' or where existing occupations are merged into the 'nec', the existing code assigned to the 'nec' category has been retained. These 'nec' categories are residual 'catch all' categories and are assigned special reserved codes ending in '99' and reflect the unit group in which they are located (see 'Codes reserved for residual categories', page 19, Australian and New Zealand Standard Classification of Occupations (ANZSCO), First Edition, 2006 (ABS cat. no. 1220.0)).

For example, the occupation 149915 Equipment Hire Manager has been extracted from 149999 Hospitality, Retail and Service Managers nec. However, the code 149999 has not been retired.

Codes have been reused when only the title has changed or the definition of a category has been amended in order to clarify the scope of the category. These types of changes do not represent changes to the scope or content of the affected categories, and it is sensible to continue comparing data using the classification code.
This section details the definitional changes to occupations and groups in Major Group 1 Managers. The different definitional elements are explained on pages 3–4.

The list of occupations for this sub-major group has been revised. The title of Minor Group 131 has been amended.

The revised definitional element for this minor group is shown below.

Occupations in this sub-major group are classified into the following minor groups:
- 131 Advertising, Public Relations and Sales Managers
- 132 Business Administration Managers
- 133 Construction, Distribution and Production Managers
- 134 Education, Health and Welfare Services Managers
- 135 ICT Managers
- 139 Miscellaneous Specialist Managers

The category title, lead statement and list of occupations for this minor group have been revised. The title of Unit Group 1311 has been amended. In addition, the list of tasks has been revised.

The revised definitional elements for this minor group are shown below.

MINOR GROUP 131 ADVERTISING, PUBLIC RELATIONS AND SALES MANAGERS

ADVERTISING, PUBLIC RELATIONS AND SALES MANAGERS plan, organise, direct, control and coordinate advertising, public relations, sales and marketing activities within organisations.

Tasks Include:
- directing the development and implementation of sales strategies and setting sales targets in order to maximise an organisation’s sales and customer loyalty
- directing the development and implementation of strategies to promote an organisation's goods and services to as many people as possible
- directing the development and implementation of strategies to generate increased consumption of an organisation's goods and services through the creation and reinforcement of 'brand image' or 'brand loyalty'
- directing the development and implementation of strategies to build and maintain an organisation's image and reputation with its customers, investors and the wider public

Occupations in this minor group are classified into the following unit group:
- 1311 Advertising, Public Relations and Sales Managers
1311 ADVERTISING AND SALES MANAGERS

The category title, lead statement and list of occupations for this unit group have been revised. 131111 Advertising and Public Relations Manager has been deleted and replaced by 131113 Advertising Manager and 131114 Public Relations Manager. Code 131111 has been retired. In addition, the list of tasks has been revised.

The revised definitional elements for this unit group are shown below.

**Category title**

UNIT GROUP 1311 ADVERTISING, PUBLIC RELATIONS AND SALES MANAGERS

**Lead statement**

ADVERTISING, PUBLIC RELATIONS AND SALES MANAGERS plan, organise, direct, control and coordinate advertising, public relations, sales and marketing activities within organisations.

**List of tasks**

Tasks Include:

- directing the development and implementation of sales strategies and setting sales targets in order to maximise an organisation's sales and customer loyalty
- directing the development and implementation of strategies to promote an organisation's goods and services to as many people as possible
- directing the development and implementation of strategies to generate increased consumption of an organisation's goods and services through the creation and reinforcement of 'brand image' or 'brand loyalty'
- directing the development and implementation of strategies to build and maintain an organisation's image and reputation with its customers, investors and the wider public

**List of occupations**

Occupations:

- 131112 Sales and Marketing Manager
- 131113 Advertising Manager
- 131114 Public Relations Manager

131111 ADVERTISING AND PUBLIC RELATIONS MANAGER

This occupation category and all associated definitional elements have been deleted. It has been replaced by 131113 Advertising Manager and 131114 Public Relations Manager. Code 131111 has been retired.

131113 ADVERTISING MANAGER

This occupation category has been added. It was previously included in 131111 Advertising and Public Relations Manager.

The definition for this occupation category is shown below. It has no alternative titles or specialisations.

**Category title**

131113 ADVERTISING MANAGER

**Lead statement**

Plans, organises, directs, controls and coordinates the advertising activities within an organisation.

**Indicative skill level**

Skill Level: 1
MAJOR GROUP 1 – DETAILED DEFINITIONAL CHANGES

131114 PUBLIC RELATIONS MANAGER

This occupation category has been added. It was previously included in 131111 Advertising and Public Relations Manager.

The definition for this occupation category is shown below.

Category title

131114 PUBLIC RELATIONS MANAGER

Alternative title(s)

Communications Manager
Corporate Affairs Manager
Corporate Relations Manager
PR Manager
Public Affairs Manager

Lead statement

Plans, organises, directs, controls and coordinates the public relations activities within an organisation.

Indicative skill level

Skill Level: 1

Specialisation(s)

Community Relations Manager
External Relations Manager
Media Relations Manager

1322 FINANCE MANAGERS

The list of tasks for this unit group has been revised. The fourth task for this unit group has been amended.

The revised definitional element for this unit group is shown below.

List of tasks

Tasks Include:

- determining, implementing, monitoring, reviewing and evaluating budgetary and accounting strategies, policies and plans in consultation with other Managers
- providing financial information and interpreting the implications for business performance and funding needs
- coordinating the development, implementation and monitoring of accounting systems
- directing the preparation of financial reports that summarise and forecast the organisation’s financial position such as income statements, balance sheets and analyses of future earnings and income
- assessing capital finance proposals and the financial status of operational projects
- advising on investment strategies, sources of funds and the distribution of earnings
- delivering long range profit forecasts, budgeting and financial reporting
- ensuring compliance with financial legislation and standards
Skill Level: 2

Indicative skill level

Organises and controls the day-to-day operations of a retirement village to provide a range of accommodation, personal care services, and recreational and social activities for the use and enjoyment of residents.

Indicative skill level

Skill Level: 2

Lead statement

Organises and controls the day-to-day operations of a retirement village to provide a range of accommodation, personal care services, and recreational and social activities for the use and enjoyment of residents.

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141999 ACCOMMODATION AND HOSPITALITY MANAGERS NEC

The list of occupations for this residual category has been revised. The occupation Retirement Village Manager has been removed. See 141912 Retirement Village Manager.

The revised definitional element for this residual category is shown below.

List of occupations

Occupations in this group include:
- Backpackers Manager
- Boarding House Manager
- Casino Duty Manager
- Guest House Manager
- Hostel Manager
- Reception Centre Manager

1499 OTHER HOSPITALITY, RETAIL AND SERVICE MANAGERS

The lead statement and list of occupations for this unit group have been revised. 149915 Equipment Hire Manager has been added.

The revised definitional elements for this unit group are shown below.

Lead statement

This unit group covers Hospitality, Retail and Service Managers not elsewhere classified. It includes Boarding Kennel or Cattery Operators, Cinema or Theatre Managers, Facilities Managers, Financial Institution Branch Managers and Equipment Hire Managers.

List of occupations

Occupations:
- 149911 Boarding Kennel or Cattery Operator
- 149912 Cinema or Theatre Manager
- 149913 Facilities Manager
- 149914 Financial Institution Branch Manager
- 149915 Equipment Hire Manager
- 149999 Hospitality, Retail and Service Managers nec

149915 EQUIPMENT HIRE MANAGER

This occupation category has been added. It was previously included in 149999 Hospitality, Retail and Service Managers nec.

The definition for this occupation category is shown below. It has no alternative titles or specialisations.

Category title

149915 EQUIPMENT HIRE MANAGER

Lead statement

Organises and controls the operations of an establishment engaged in the hiring out of equipment to companies involved in areas such as building and engineering construction, government, mining and resources, manufacturing, maintenance, special events, and to individuals for personal use.

Indicative skill level

Skill Level: 2
The list of occupations for this residual category has been revised. The occupation Equipment Hire Manager has been removed. See 149915 Equipment Hire Manager.

The revised definitional element for this residual category is shown below.

### List of occupations

Occupations in this group include:
- Abattoir Manager
- Brothel Keeper
- Laundrette Owner
- Marina Manager
- Nursing Agency Manager
- Taxi Proprietor
- Weight Loss Centre Manager
This section details changes to occupations and groups in Major Group 2 Professionals. The different definitional elements are explained on pages 3–4.

The indicative skill level statement for this unit group has been revised. The registration or licensing requirement has been removed.

The revised definitional element for this unit group is shown below.

Indicative skill level

Indicative Skill Level:

In Australia and New Zealand:

Most occupations in this unit group have a level of skill commensurate with a bachelor degree or higher qualification. At least five years of relevant experience may substitute for the formal qualification. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification (ANZSCO Skill Level 1).

The lead statement for this occupation category has been revised. The registration or licensing requirement has been removed.

The revised definitional element for this occupation category is shown below.

Lead statement

Plans and organises a gallery or museum collection by drafting collection policies and arranging acquisitions of pieces.

The lead statement for this occupation category has been revised. The registration or licensing requirement has been removed.

The revised definitional element for this occupation category is shown below.

Lead statement

Plans, develops, implements and manages health information services, such as patient information systems, and clinical and administrative data, to meet the medical, legal, ethical and administrative requirements of health care delivery.

The indicative skill level statement for this minor group has been revised.

The revised definitional element for this minor group is shown below.

Indicative skill level

Indicative Skill Level:

In Australia and New Zealand:

Most occupations in this minor group have a level of skill commensurate with a bachelor degree or higher qualification. At least five years of relevant experience may substitute for the formal qualification. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification (ANZSCO Skill Level 1).
Occupations in this group include:
- Boating Safety Officer (Aus)
- Marine Safety Officer
- Vessel Traffic Officer (Aus)

List of occupations
- The list of occupations for this residual category has been revised. The occupation Marine Certification and Surveillance Manager has been removed from this list as it has not been widely reported in statistical collections. However, it remains within the scope of this category. The occupation Ship’s Purser has been removed from this category. It is now included in 451799 Travel Attendants nec. The occupations Boating Safety Officer (Aus) and Vessel Traffic Officer (Aus) have been added.

Index of changes
- The revised definitional element for this residual category is shown below.

Indicative skill level
- The indicative skill level statement for this unit group has been revised. The revised definitional element for this unit group is shown below.

Indicative Skill Level:
In Australia and New Zealand:
Most occupations in this unit group have a level of skill commensurate with a bachelor degree or higher qualification. At least five years of relevant experience may substitute for the formal qualification. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification. Aeroplane and Helicopter Pilots require a prescribed minimum amount of flying experience in addition to the formal qualification (ANZSCO Skill Level 1).

Alternative titles
- The alternative titles for this occupation category have been revised. The alternative title Ground School Instructor has been removed from this list as it has not been widely reported in statistical collections. However, it remains within the scope of this category. Consequently, this occupation category has no alternative titles.

Indicative skill level
- The indicative skill level statement for this unit group has been revised. The revised definitional element for this unit group is shown below.

Indicative Skill Level:
In Australia and New Zealand:
Most occupations in this unit group have a level of skill commensurate with a bachelor degree or higher qualification. At least five years of relevant experience may substitute for the formal qualification. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification. (ANZSCO Skill Level 1).

List of occupations
- Occupations in this group include:
  - Boating Safety Officer (Aus)
  - Marine Safety Officer
  - Vessel Traffic Officer (Aus)
Tasks Include:

- determining the position of points of interest on the earth's surface including marine floors, and preparing the final product data in digital form
- supervising the preparation of plans, maps, charts and drawings to give pictorial representations and managing spatial information systems
- undertaking research and development of surveying and photogrammetric measurement systems, cadastral systems and land information systems
- planning and designing land subdivision projects and negotiating details with local governments and other authorities
- advising Architects, Engineering Professionals, environmental and other scientists or other relevant professionals on the technical requirements of surveying, mapping and spatial information systems
- compiling and evaluating data, interpreting codes of practice, and writing reports concerning survey measurement, land use and tenure
- preparing site plans and survey reports required for conveyancing and land ownership matters
- evaluating, compiling and maintaining spatial information using a range of digital and graphical source materials, including aerial photographs, satellite imagery, survey documents, existing maps and records, historical data, reports and statistics

List of tasks
Skill Level: 1

Indicative skill level
Applies scientific, mathematical and cartographic design principles to prepare and revise maps, charts and other forms of cartographic output.

List of tasks continued
- analysing and interpreting data to design maps, graphs, plans, drawings and three-dimensional models using geographic information and related systems
- developing and trialling new applications for use in geographic information systems
- supervising and coordinating the work of Surveying or Spatial Science Technicians in the production and reproduction of geographic products

List of occupations
Occupations:
232212 Surveyor
232213 Cartographer
232214 Other Spatial Scientist

232211 CARTOGRApher
This occupation category and all associated definitional elements have been deleted. It has been replaced by 232213 Cartographer and 232214 Other Spatial Scientist. Code 232211 has been retired.

232212 SURVEYOR
The specialisations for this occupation category have been revised. The specialisation Hydrographic Survey Operator (Navy) has been removed from this list as it has not been widely reported in statistical collections. However, it remains within the scope of this category. The specialisations Engineering Surveyor and Mine Surveyor have been added.

The revised definitional element for this occupation category is shown below.

Specialisation(s)
Cadastral Surveyor
Engineering Surveyor
Geodetic Surveyor
Hydrographic Surveyor
Mine Surveyor
Photogrammetric Surveyor

232213 CARTOGRApher
This occupation category has been added. It replaces in part 232211 Cartographer.

The definition for this occupation category is shown below. It has no alternative titles or specialisations.

Category title
232213 CARTOGRApher

Lead statement
Applies scientific, mathematical and cartographic design principles to prepare and revise maps, charts and other forms of cartographic output.

Indicative skill level
Skill Level: 1
**Category title**

**234113 FORESTER (AUS) / FOREST SCIENTIST (NZ)**

The specialisations for this occupation category have been revised. The specialisation Silviculturist has been removed from this list as it has not been widely reported in statistical collections. However, it remains within the scope of this category.

The revised definitional element for this occupation category is shown below.

**Specialisation(s)**

- Forestry Adviser
- Forestry Consultant

**234311 CONSERVATION OFFICER**

The alternative titles for this occupation category have been revised. The alternative title Environmental Officer has been removed from this category. It is now included in 234312 Environmental Consultant.

Consequently, this occupation category has no alternative titles.

**234312 ENVIRONMENTAL CONSULTANT**

The alternative titles for this occupation category have been revised. The alternative title Environmental Analyst has been removed from this category. It is now included in 234313 Environmental Research Scientist. The alternative titles Environmental Auditor and Environmental Officer have been added. Environmental Auditor was previously included in 234399 Environmental Scientists nec. Environmental Officer was previously included in 234311 Conservation Officer.

The revised definitional element for this occupation category is shown below.

**Alternative title(s)**

- Environmental Adviser
- Environmental Auditor
- Environmental Officer

**234314 PARK RANGER**

The specialisations for this occupation category have been revised. The specialisation Aboriginal and Torres Strait Islander Land and Sea Ranger (Aus) has been added.

The revised definitional element for this occupation category is shown below.

**Specialisation(s)**

- Aboriginal and Torres Strait Islander Land and Sea Ranger (Aus)
The list of occupations for this residual category has been revised. The occupation Environmental Auditor has been removed from this category. It is now included in 234312 Environmental Consultant as an alternative title.

The revised definitional element for this residual category is shown below.

List of occupations

Occupations in this group include:
Aquaculture Consultant
Soil Scientist

2511 DIETITIANS

The indicative skill level statement for this unit group has been revised. A registration or licensing requirement has been added.

The revised definitional element for this unit group is shown below.

Indicative skill level

Indicative Skill Level:

In Australia and New Zealand:
Most occupations in this unit group have a level of skill commensurate with a bachelor degree or higher qualification (ANZSCO Skill Level 1).

Registration or licensing is required in New Zealand.

251111 DIETITIAN

The lead statement for this occupation category has been revised. A registration or licensing requirement has been added.

The revised definitional element for this occupation category is shown below.

Lead statement

Applies the science of human nutrition to help people understand the relationship between food and health and make appropriate dietary choices to attain and maintain health, and to prevent and treat illness and disease. Registration or licensing is required in New Zealand.

251211 MEDICAL DIAGNOSTIC RADIOGRAPHER

The lead statement for this occupation category has been revised.

The revised definitional element for this occupation category is shown below.

Lead statement

Operates X-ray and other medical imaging equipment to produce images for medical diagnostic purposes in conjunction with Diagnostic and Interventional Radiologists or other Medical Practitioners. Registration or licensing is required.

251212 MEDICAL RADIATION THERAPIST

The lead statement for this occupation category has been revised.

The revised definitional element for this occupation category is shown below.

Lead statement

Operates high energy X-ray and other radiation and electron generating and monitoring equipment to administer radiation treatment for medical purposes in conjunction with Radiation Oncologists or other specialist Medical Practitioners. Registration or licensing is required.
Occupations in this minor group are classified into the following unit groups:

- 2531 Generalist Medical Practitioners
- 2532 Anaesthetists
- 2533 Specialist Physicians
- 2534 Psychiatrists
- 2535 Surgeons
- 2539 Other Medical Practitioners

The list of occupations for this minor group has been revised. The title of Unit Group 2533 has been amended.

The revised definitional element for this occupation category is shown below.

**Lead statement**

Diagnoses and manages eye movement disorders and associated sensory deficiencies. Registration or licensing may be required.

The lead statement for this occupation category has been revised.

The revised definitional element for this occupation category is shown below.

**Lead statement**

Operates ultrasound equipment to acquire, interpret and selectively record anatomical images, physical data and real-time physiological information for medical diagnostic purposes in conjunction with Medical Practitioners.

The lead statement for this occupation category has been revised.

The revised definitional element for this occupation category is shown below.

**Lead statement**

Performs or assists in performing diagnostic examinations using radionuclides and radiopharmaceuticals, and administers radionuclides and radiopharmaceuticals for therapeutic purposes under the direction of specialist Medical Practitioners. Registration or licensing is required.

The revised definitional element for this occupation category is shown below.

**Indicative skill level**

*Indicative Skill Level:*

In Australia and New Zealand:

Occupations in this unit group have a level of skill commensurate with a bachelor degree or higher qualification (ANZSCO Skill Level 1).

Registration or licensing may be required.

The revised definitional element for this occupation category is shown below.

**Lead statement**

Diagnoses and manages eye movement disorders and associated sensory deficiencies. Registration or licensing may be required.

The lead statement for this occupation category has been revised.

The revised definitional element for this occupation category is shown below.

**List of occupations**

Occupations in this minor group are classified into the following unit groups:

- 2531 Generalist Medical Practitioners
- 2532 Anaesthetists
- 2533 Specialist Physicians
- 2534 Psychiatrists
- 2535 Surgeons
- 2539 Other Medical Practitioners
The list of tasks for this unit group has been revised. The first task for this unit group has been amended.

The revised definitional element for this unit group is shown below.

**List of tasks**

*Tasks Include:*

- performing pre-operative examinations of patients to determine appropriate anaesthetic and sedation in concurrence with Specialist Physicians and Surgeons
- discussing the anaesthetic process with patients and obtaining their informed consent prior to surgery
- administering local, regional and general anaesthetics using a variety of methods such as inhalational and intravenous administration
- supervising the transfer of patients to operating theatres, positioning on operating tables, keeping patients warm, and responding quickly and accurately if any problems arise
- monitoring patients throughout surgical procedures and in immediate post-operative procedures
- recording details of anaesthetic and sedation administered, and the condition of patients before, during and after anaesthesia
- liaising with other health care workers to provide diagnosis and treatment for patients with chronic pain, and to diagnose and treat patients requiring intensive care or resuscitation
- may instruct medical, nursing, student and ancillary staff on the signs, symptoms and diagnosis of allergic and anaphylactic reactions to anaesthetic agents, and supervision and treatment of life threatening emergencies

The category title and lead statement for this unit group have been revised to more accurately describe the occupation categories included in this unit group. The list of occupations has been revised to reflect changes to the titles of 253314 Clinical Oncologist and 253399 Internal Medicine Specialists nec.

The revised definitional elements for this unit group are shown below.

**Category title**

UNIT GROUP 2533 SPECIALIST PHYSICIANS

**Lead statement**

SPECIALIST PHYSICIANS diagnose and treat internal human disorders and diseases using specialist testing, diagnostic and medical techniques. Medical Registrars training as Specialist Physicians are included in this unit group.

**List of occupations**

Occupations:

- 253311 Specialist Physician (General Medicine)
- 253312 Cardiologist
- 253313 Clinical Haematologist
- 253314 Medical Oncologist
- 253315 Endocrinologist
- 253316 Gastroenterologist
- 253317 Intensive Care Specialist
- 253318 Neurologist
Occupations in this group include:

- Clinical Allergist
- Clinical Geneticist
- Clinical Immunologist
- Clinical Pharmacologist
- Geriatrician
- Industrial Medicine Specialist
- Infectious Diseases Specialist
- Occupational Medicine Specialist
- Palliative Medicine Specialist

This occupation group covers Specialist Physicians not elsewhere classified. Registration or licensing is required.
**Medical Imaging Specialist**

**Specialisation(s)**

**Skill Level: 1**

Indicative skill level

Provides diagnostic and treatment medical services, and monitors patients with various diseases utilising imaging techniques such as general radiography, angiography, fluoroscopy, mammography, ultrasound, computed tomography, magnetic resonance imaging, nuclear medicine and bone densitometry. Registration or licensing is required.

**Category title**

**List of occupations**

2539 OTHER MEDICAL PRACTITIONERS

The lead statement and list of occupations for this unit group have been revised. 253916 Radiologist has been deleted and replaced by 253917 Diagnostic and Interventional Radiologist and 253918 Radiation Oncologist. Code 253916 has been retired.

The revised definitional elements for this unit group are shown below.

**Lead statement**

This unit group covers Medical Practitioners not elsewhere classified.

It includes Dermatologists, Emergency Medicine Specialists, Obstetricians and Gynaecologists, Ophthalmologists, Pathologists, Diagnostic and Interventional Radiologists, and Radiation Oncologists. Medical Registrars training in these specialties are included in this unit group.

**List of occupations**

Occupations:

- 253911 Dermatologist
- 253912 Emergency Medicine Specialist
- 253913 Obstetrician and Gynaecologist
- 253914 Ophthalmologist
- 253915 Pathologist
- 253917 Diagnostic and Interventional Radiologist
- 253918 Radiation Oncologist
- 253999 Medical Practitioners nec

253916 RADIOLIGIST

This occupation category and all associated definitional elements have been deleted. It has been replaced by 253917 Diagnostic and Interventional Radiologist and 253918 Radiation Oncologist. Code 253916 has been retired.

253917 DIAGNOSTIC AND INTERVENTIONAL RADIOLIGIST

This occupation category has been added. It was previously included in 253916 Radiologist.

The definition for this occupation category is shown below. It has no alternative titles.

**Lead statement**

Provides diagnostic and treatment medical services, and monitors patients with various diseases utilising imaging techniques such as general radiography, angiography, fluoroscopy, mammography, ultrasound, computed tomography, magnetic resonance imaging, nuclear medicine and bone densitometry. Registration or licensing is required.

**Indicative skill level**

Skill Level: 1

**Specialisation(s)**

Medical Imaging Specialist
253918 RADIATION ONCOLOGIST

This occupation category has been added. It was previously included in 253916 Radiologist.

The definition for this occupation category is shown below. It has no alternative titles or specialisations.

Category title

253918 RADIATION ONCOLOGIST

Lead statement

Provides medical care and management of patients with cancer and other medical conditions through the conduct and supervision of radiation treatment; and advice and provision of palliative and other supportive care of patients with cancer. Registration or licensing is required.

Indicative skill level

Skill Level: 1

253999 MEDICAL PRACTITIONERS NEC

The list of occupations for this residual category has been revised. The occupations Occupational Medicine Specialist and Public Health Physician have been removed from this category. They are now included in 253999 Specialist Physicians nec. The occupation Nuclear Medicine Specialist has been added. It was previously included in 253916 Radiologist.

The revised definitional element for this residual category is shown below.

List of occupations

Occupations in this group include:

- Nuclear Medicine Specialist
- Sports Physician

254413 REGISTERED NURSE (CHILD AND FAMILY HEALTH)

The specialisations for this occupation category have been revised. The specialisation Plunket Nurse (NZ) has been added.

The revised definitional element for this occupation category is shown below.

Specialisation(s)

Plunket Nurse (NZ)

2613 SOFTWARE AND APPLICATIONS PROGRAMMERS

The list of occupations for this unit group has been revised. 261314 Software Tester has been added.

The revised definitional element for this unit group is shown below.

List of occupations

Occupations:

- 261311 Analyst Programmer
- 261312 Developer Programmer
- 261313 Software Engineer
- 261314 Software Tester
- 261399 Software and Applications Programmers nec
Occupations in this group include:

- Administrative Lawyer
- Family Court Registrar (Aus)
- Family Law Mediator
- Judicial Registrar (Aus)
- Law Researcher
- Legal Officer
- Parliamentary Counsel
- Patent Attorney
- Trade Mark Attorney

**261399 SOFTWARE AND APPLICATIONS PROGRAMMERS NEC**

- The list of occupations for this residual category has been revised. The occupation Software Tester has been removed. See 261314 Software Tester.
- The definition for this occupation category is shown below. It has no alternative titles or specialisations.

**261314 SOFTWARE TESTER**

- This occupation category has been added. It was previously included in 261399 Software and Applications Programmers nec.
- The definition for this occupation category is shown below.

**Category title**

- 261314 SOFTWARE TESTER

**Lead statement**

- Specifies, develops and writes test plans and test scripts, produces test cases, carries out regression testing, and uses automated test software applications to test the behaviour, functionality and integrity of computer software, and documents the results of tests in defect reports and related documentation.

**Indicative skill level**

- Skill Level: 1

**List of occupations**

- Occupations in this group include:
  - No occupations have currently been identified for this residual category.
The specialisations for this occupation category have been revised. The specialisation Family Mediator has been removed from this category. It is now included in 271299 Judicial and Other Legal Professionals nec.

The revised definitional element for this occupation category is shown below.

**272113 FAMILY AND MARRIAGE COUNSELLOR**

**Specialisation(s)**

Family Court Counsellor
This section details the definitional changes to occupations and groups in Major Group 3
Technicians and Trades Workers. The different definitional elements are explained on
pages 3–4.

The indicative skill level statement, list of tasks and list of occupations for this unit group
have been revised. 311216 Pathology Collector (Aus) / Phlebotomist (NZ) has been
added.

The revised definitional elements for this unit group are shown below.

Indicative skill level

Indicative Skill Level:

Most occupations in this unit group have a level of skill commensurate with the
qualifications and experience outlined below.

In Australia:

AQF Associate Degree, Advanced Diploma or Diploma (ANZSCO Skill Level 2)

In New Zealand:

NZ Register Diploma (ANZSCO Skill Level 2)

At least three years of relevant experience may substitute for the formal qualifications
listed above. In some instances relevant experience and/or on-the-job training may be
required in addition to the formal qualification.

Registration or licensing may be required.

The occupation Pathology Collector (Aus) / Phlebotomist (NZ) has a level of skill
commensurate with the qualifications and experience outlined below.

In Australia:

AQF Certificate III including at least two years of on-the-job training, or AQF
Certificate IV (ANZSCO Skill Level 3)

In New Zealand:

NZ Register Level 4 qualification (ANZSCO Skill Level 3)

At least three years of relevant experience may substitute for the formal qualifications
listed above. In some instances relevant experience and/or on-the-job training may be
required in addition to the formal qualification.

Registration or licensing may be required.

List of tasks

Tasks Include:

- operating equipment used in diagnosing and monitoring disorders of the heart,
kidneys, nervous system and hearing, and in anaesthesia
- undertaking and assisting with medical analytical procedures and assisting
  Anaesthetists and surgical teams
- recording the electrical activity of the heart, from which the heart rate is measured
  and pattern and rhythm interpreted
- taking, collecting and labelling blood, urine and other samples from patients
- preparing and staining slides and tissue sections for blood and histological
  examination
List of tasks continued
- performing diagnostic tests on tissues and body fluids and analysing the chemical constituents of blood, urine, faeces and tissues
- testing for diseases by looking for the presence of antibodies and the products of immune response in samples
- setting up, checking and maintaining operating theatres, anaesthetic workstations, life support machines and associated equipment
- referring prescriptions to Pharmacists and assisting in preparing medications

List of occupations

Occupations:
- 311211 Anaesthetic Technician
- 311212 Cardiac Technician
- 311213 Medical Laboratory Technician
- 311214 Operating Theatre Technician
- 311215 Pharmacy Technician
- 311216 Pathology Collector (Aus) / Phlebotomist (NZ)
- 311299 Medical Technicians nec

311216 PATHOLOGY COLLECTOR (AUS) / PHLEBOTOMIST (NZ)

This occupation category has been added. It was previously included in 311299 Medical Technicians nec.

The definition for this occupation category is shown below.

Category title
311216 PATHOLOGY COLLECTOR (AUS) / PHLEBOTOMIST (NZ)

Alternative title(s)
Specimen Collector

Lead statement
Extracts, collects, labels and preserves blood and other specimens from patients for laboratory analysis.

Indicative skill level
Skill Level: 3

Specialisation(s)
Blood Collector

3121 ARCHITECTURAL, BUILDING AND SURVEYING TECHNICIANS

The list of occupations for this unit group has been revised. The title of 312116 Surveying or Cartographic Technician has been amended. 312199 Architectural, Building and Surveying Technicians nec has been added.

The revised definitional element for this unit group is shown below.

List of occupations

Occupations:
- 312111 Architectural Draftsperson
- 312112 Building Associate
- 312113 Building Inspector
- 312114 Construction Estimator
- 312115 Plumbing Inspector
- 312116 Surveying or Spatial Science Technician
- 312199 Architectural, Building and Surveying Technicians nec
312116 SURVEYING OR CARTOGRAPHIC TECHNICIAN

The category title, alternative titles, lead statement and specialisations for this occupation category have been revised. The category title has been amended to be consistent with the change to the title of Unit Group 2322. The alternative title Surveying Technologist has been removed from this list as it has not been widely reported in statistical collections. However, it remains within the scope of this category. The alternative title GIS Technician has been added. The lead statement has been revised to clarify the scope of the occupation category. The specialisations Engineering Survey Drafting Technician and Topographic Drafting Officer have been removed from this list as they have not been widely reported in statistical collections. However, they remain within the scope of this category.

The revised definitional elements for this occupation category are shown below.

Category title

312116 SURVEYING OR SPATIAL SCIENCE TECHNICIAN

Alternative title(s)

GIS Technician

Lead statement

Collects, records and evaluates spatial information and prepares databases, maps, charts and plans in support of Surveyors, Cartographers or Other Spatial Scientists. Registration or licensing may be required.

Specialisation(s)

Aerial Survey Technician
Photogrammetrist

312199 ARCHITECTURAL, BUILDING AND SURVEYING TECHNICIANS NEC

This residual category has been added.

The definition for this residual category is shown below.

Category title

312199 ARCHITECTURAL, BUILDING AND SURVEYING TECHNICIANS NEC

Lead statement

This occupation group covers Architectural, Building and Surveying Technicians not elsewhere classified.

Indicative skill level

Skill Level: 2

List of occupations

Occupations in this group include:
- Roof Truss Detailer
- Structural Steel Detailer
### 312311 ELECTRICAL ENGINEERING DRAFTSPERSON

The specialisations for this occupation category have been revised. The specialisation Electrical Engineering Detail Draftsperson has been added. It was previously included in 312312 Electrical Engineering Technician.

The revised definitional element for this occupation category is shown below.

**Specialisation(s)**
- Electrical Engineering Design Draftsperson
- Electrical Engineering Detail Draftsperson
- Electrical Engineering Drafting Officer
- Relays Draftsperson
- Substation Design Draftsperson

### 312312 ELECTRICAL ENGINEERING TECHNICIAN

The specialisations for this occupation category have been revised. The specialisation Electrical Engineering Detail Draftsperson has been removed from this category. It is now included in 312311 Electrical Engineering Draftsperson.

The revised definitional element for this occupation category is shown below.

**Specialisation(s)**
- Electrical Engineering Laboratory Technician
- Electrical Instrument Technician

### 321211 MOTOR MECHANIC (GENERAL)

The alternative titles and specialisations for this occupation category have been revised. The alternative title Automotive Light Mechanic has been added. The specialisation Marine Technician (Navy) has been removed from this category as it is not unique to this occupation category.

The revised definitional elements for this occupation category are shown below.

**Alternative title(s)**
- Automotive Light Mechanic

**Specialisation(s)**
- Automatic Transmission Mechanic
- Automotive Airconditioning Mechanic
- Brake Mechanic
- Ground Support Equipment Fitter (Air Force)
- Vehicle Mechanic (Army)

### 321212 DIESEL MOTOR MECHANIC

The specialisations for this occupation category have been revised. The specialisation Automotive Heavy Mechanic has been added.

The revised definitional element for this occupation category is shown below.

**Specialisation(s)**
- Automotive Heavy Mechanic
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>323112</td>
<td>AERIAL MAINTENANCE ENGINEER (MECHANICAL)</td>
<td>The specialisations for this occupation category have been revised. The title of the specialisation Aviation Technician (Navy) has been amended. The revised definitional element for this occupation category is shown below.</td>
</tr>
<tr>
<td>323315</td>
<td>SAW MAKER AND REPAIRER</td>
<td>The alternative titles for this occupation category have been revised. The alternative title Saw Doctor has been added. The revised definitional element for this occupation category is shown below.</td>
</tr>
<tr>
<td>324111</td>
<td>PANELBEATER</td>
<td>The alternative titles for this occupation category have been revised. The alternative title Vehicle Refinisher has been removed from this category. It is now included in 324311 Vehicle Painter. The alternative title Collision Repairer has been added. The revised definitional element for this occupation category is shown below.</td>
</tr>
<tr>
<td>324311</td>
<td>VEHICLE PAINTER</td>
<td>The alternative titles for this occupation category have been revised. The alternative title Vehicle Refinisher has been added. It was previously included in 324111 Panelbeater. The revised definitional element for this occupation category is shown below.</td>
</tr>
<tr>
<td>3423</td>
<td>ELECTRONICS TRADES WORKERS</td>
<td>The lead statement for this unit group has been revised. The revised definitional element for this unit group is shown below.</td>
</tr>
</tbody>
</table>

**Lead statement**

ELECTRONICS TRADES WORKERS maintain, adjust and repair electronic equipment such as business machines, video and audio equipment, and electronic instruments and control systems, and transmit and receive radio messages.
342311 BUSINESS MACHINE MECHANIC

The alternative titles, lead statement and specialisations for this occupation category have been revised. The alternative titles Office Equipment Technician and Office Machine Technician have been added. The lead statement has been amended to reflect current technologies. The specialisation Photocopier Technician has been added.

The revised definitional elements for this occupation category are shown below.

Alternative title(s)
Office Equipment Technician
Office Machine Technician

Lead statement
Installs, maintains and repairs electronic business equipment such as multi-function devices, photocopiers, scanners, fax machines and cash registers.

Specialisation(s)
Photocopier Technician

342313 ELECTRONIC EQUIPMENT TRADES WORKER

The lead statement and specialisations for this occupation category have been revised. The lead statement has been amended to reflect current technologies. The specialisations Audiovisual Technician, Fire Alarm Technician, Home Theatre Technician, Security Technician and Video Technician have been added. Fire Alarm Technician was previously included in 399999 Technicians and Trades Workers nec.

The revised definitional elements for this occupation category are shown below.

Lead statement
Installs, maintains and repairs electronic equipment and systems such as audio and visual reproduction equipment, home entertainment systems, computers and electronic security systems.

Specialisation(s)
Audiovisual Technician
Fire Alarm Technician
Home Theatre Technician
Security Technician
Video Technician

392 PRINTING TRADES WORKERS

The list of occupations for this minor group has been revised. The title of Unit Group 3921 has been amended.

The revised definitional element for this minor group is shown below.

List of occupations
Occupations in this minor group are classified into the following unit groups:
- 3921 Print Finishers and Screen Printers
- 3922 Graphic Pre-press Trades Workers
- 3923 Printers
MAJOR GROUP 3 – DETAILED DEFINITIONAL CHANGES

3921 BINDERS, FINISHERS AND SCREEN PRINTERS
The category title, lead statement and list of occupations for this unit group have been revised. The title of occupation category 392111 has been amended.

The revised definitional elements for this unit group are shown below.

Category title
UNIT GROUP 3921 PRINT FINISHERS AND SCREEN PRINTERS

Lead statement
PRINT FINISHERS AND SCREEN PRINTERS bind books and other publications, finish printed products by hand and machine, prepare stencils, and set up and operate power-driven and hand-operated screen print equipment.

List of occupations
Occupations:
  392111 Print Finisher
  392112 Screen Printer

392111 BINDER AND FINISHER
The category title and alternative titles for this occupation category have been revised. The category title has been amended to reflect current usage. The alternative title Print Finisher has been removed as it is now the category title.

The revised definitional element for this occupation category is shown below. It has no alternative titles.

Category title
392111 PRINT FINISHER

3931 CANVAS AND LEATHER GOODS MAKERS
The list of occupations for this unit group has been revised. The title of occupation category 393111 has been amended.

The revised definitional element for this unit group is shown below.

List of occupations
Occupations:
  393111 Canvas Goods Fabricator
  393112 Leather Goods Maker
  393113 Sail Maker
  393114 Shoemaker

393111 CANVAS GOODS MAKER
The category title and alternative titles for this occupation category have been revised. The category title has been amended to reflect current usage. The alternative title Canvas Goods Maker has been added.

The revised definitional elements for this occupation category are shown below.

Category title
393111 CANVAS GOODS FABRICATOR

Alternative title(s)
Canvas Goods Maker
The lead statement and list of occupations for this unit group have been revised. 399918 Fire Protection Equipment Technician has been added. In addition, the indicative skill level statement has been revised.

The revised definitional elements for this unit group are shown below.

**Lead statement**

This unit group covers Technicians and Trades Workers not elsewhere classified.


**Indicative skill level**

*Indicative Skill Level:*

Most occupations in this unit group have a level of skill commensurate with the qualifications and experience outlined below.

In Australia:

- AQF Certificate III including at least two years of on-the-job training, or AQF Certificate IV (ANZSCO Skill Level 3)

In New Zealand:

- NZ Register Level 4 qualification (ANZSCO Skill Level 3)

At least three years of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

Registration or licensing may be required.

The occupation Interior Decorator has a level of skill commensurate with the qualifications and experience outlined below.

In Australia:

- AQF Associate Degree, Advanced Diploma or Diploma (ANZSCO Skill Level 2)

In New Zealand:

- NZ Register Diploma (ANZSCO Skill Level 2)

At least three years of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

**List of occupations**

Occupations:

- 399911 Diver
- 399912 Interior Decorator
- 399913 Optical Dispenser (Aus) / Dispensing Optician (NZ)
- 399914 Optical Mechanic
- 399915 Photographer’s Assistant
- 399916 Plastics Technician
- 399917 Wool Classer
- 399918 Fire Protection Equipment Technician
- 399999 Technicians and Trades Workers nec
Occupations in this group include:
Airborne Electronics Analyst (Air Force)
Architectural Model Maker
Canoe Maker
Glass Blower
Hide and Skin Classer
Kayak Maker
Milking Machine Technician
Parachute Rigger
Pearl Technician
Pyrotechnician
Surfboard Maker

The list of occupations for this residual category has been revised. The occupations Fire Alarm Technician and Fire Extinguisher Technician have been removed from this category. Fire Alarm Technician is now included as a specialisation of 342313 Electronic Equipment Trades Worker. Fire Extinguisher Technician is now included as a specialisation of 399918 Fire Protection Equipment Technician. Micrographic Technician has been removed from this list as it has not been widely reported in statistical collections. However, it remains within the scope of this category.

The revised definitional element for this residual category is shown below.

List of occupations
Occupations in this group include:
- Airborne Electronics Analyst (Air Force)
- Architectural Model Maker
- Canoe Maker
- Glass Blower
- Hide and Skin Classer
- Kayak Maker
- Milking Machine Technician
- Parachute Rigger
- Pearl Technician
- Pyrotechnician
- Surfboard Maker
MAJOR GROUP 4 – DETAILED DEFINITIONAL CHANGES

INTRODUCTION
This section details the definitional changes to occupations and groups in Major Group 4 Community and Personal Service Workers. The different definitional elements are explained on pages 3–4.

411213 DENTAL TECHNICIAN
The specialisations for this occupation category have been revised. The specialisation Dental Laboratory Assistant has been added.

Specialisation(s)
Dental Laboratory Assistant

421111 CHILD CARE WORKER
The specialisations for this occupation category have been revised. The specialisation Child Care Group Leader (Aus) (Skill Level 2) has been added.

Specialisation(s)
Child Care Group Leader (Aus) (Skill Level 2)
Children’s Nursery Assistant
Creche Attendant

423111 AGED OR DISABLED CARER
The alternative titles for this occupation category have been revised. The alternative title Home Support Worker has been removed from this list. However, it remains within the scope of this category. The alternative title Aged or Disabled Care Worker has been added.

Alternative title(s)
Aged or Disabled Care Worker
Personal Carer
Personal Care Worker

4234 SPECIAL CARE WORKERS
The lead statement and list of tasks for this unit group have been revised.

Lead statement
SPECIAL CARE WORKERS provide care and supervision for children and young people in residential and institutional facilities, and provide care and support to people in refuges.

List of tasks
Tasks Include:
- planning and implementing programs of supervision and care for children and young people in residential care
- supervising and arranging activities to enhance the physical, social, emotional and intellectual development of children and young people in residential care
- waking children and young people and ensuring they are washed, dressed, fed and ready for educational and recreational activities
- supervising children and young people during domestic activities such as eating meals and showering
- maintaining discipline, enforcing regulations and behaviour standards, compiling disciplinary reports and assisting in implementing remedial measures
This unit group covers Personal Service Workers not elsewhere classified. It includes Civil Celebrants, Hair or Beauty Salon Assistants, Sex Workers or Escorts, Body Artists, First Aid Trainers and Religious Assistants.

Lead statement
The lead statement, indicative skill level statement and list of occupations for this unit group have been revised. 451814 Body Artist, 451815 First Aid Trainer and 451816 Religious Assistant have been added.

The revised definitional elements for this unit group are shown below.

<table>
<thead>
<tr>
<th>4518  OTHER PERSONAL SERVICE WORKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupations in this group include:</td>
</tr>
<tr>
<td>Cloakroom Attendant</td>
</tr>
<tr>
<td>Hotel Cellar Hand</td>
</tr>
<tr>
<td>Property Steward</td>
</tr>
<tr>
<td>Uniform Room Attendant</td>
</tr>
</tbody>
</table>

List of tasks continued

- organising refuge accommodation
- providing emotional support to residents of refuges
- referring residents of refuges for health and welfare assistance
- ensuring security of refuge

423411 CHILD OR YOUTH RESIDENTIAL CARE ASSISTANT

The alternative titles and lead statement for this occupation category have been revised. The alternative title Residential Care Worker has been removed from this list as it is not unique to this occupation category.

The revised definitional element for this occupation category is shown below. It has no alternative titles.

Lead statement
Provides care and supervision for children and young people living in residential or institutional facilities such as group homes and correctional institutions. Registration or licensing may be required.

423412 HOSTEL PARENT

The lead statement for this occupation category has been revised.

The revised definitional element for this occupation category is shown below.

Lead statement
Provides care and supervision for children and young people living in residential facilities such as boarding school residential colleges and hostels. Registration or licensing may be required.

431999 HOSPITALITY WORKERS NEC

The list of occupations for this residual category has been revised. The occupation Hospitality Trainee has been removed from this list as it is not unique to this residual category.

The revised definitional element for this residual category is shown below.

List of occupations
Occupations in this group include:
- Cloakroom Attendant
- Hotel Cellar Hand
- Property Steward
- Uniform Room Attendant

4518 OTHER PERSONAL SERVICE WORKERS

The lead statement, indicative skill level statement and list of occupations for this unit group have been revised. 451814 Body Artist, 451815 First Aid Trainer and 451816 Religious Assistant have been added.

The revised definitional elements for this unit group are shown below.

Lead statement
This unit group covers Personal Service Workers not elsewhere classified.

It includes Civil Celebrants, Hair or Beauty Salon Assistants, Sex Workers or Escorts, Body Artists, First Aid Trainers and Religious Assistants.
Indicative skill level

Most occupations in this unit group have a level of skill commensurate with the qualifications and experience outlined below.

In Australia:
- AQF Certificate II or III (ANZSCO Skill Level 4)

In New Zealand:
- NZ Register Level 2 or 3 qualification (ANZSCO Skill Level 4)

At least one year of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

Registration or licensing may be required.

The occupation First Aid Trainer has a level of skill commensurate with the qualifications and experience outlined below.

In Australia:
- AQF Certificate III including at least two years of on-the-job training, or AQF Certificate IV (ANZSCO Skill Level 3)

In New Zealand:
- NZ Register Level 4 qualification (ANZSCO Skill Level 3)

At least three years of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

The occupations Hair or Beauty Salon Assistant and Sex Worker or Escort have a level of skill commensurate with the qualifications outlined below.

In Australia:
- AQF Certificate I, or compulsory secondary education (ANZSCO Skill Level 5)

In New Zealand:
- NZ Register Level 1 qualification, or compulsory secondary education (ANZSCO Skill Level 5)

For some occupations a short period of on-the-job training may be required in addition to or instead of the formal qualification. In some instances no formal qualification or on-the-job training may be required.

List of occupations

Occupations:
- 451811 Civil Celebrant
- 451812 Hair or Beauty Salon Assistant
- 451813 Sex Worker or Escort
- 451814 Body Artist
- 451815 First Aid Trainer
- 451816 Religious Assistant
- 451899 Personal Service Workers nec
451814 BODY ARTIST

This occupation category has been added. It was previously included in 451899 Personal Service Workers nec.

The definition for this occupation category is shown below. It has no alternative titles.

Category title 451814 BODY ARTIST

Lead statement Decorates, adorns or modifies the human body either permanently or temporarily by using a range of techniques such as tattooing by inserting ink under layers of skin, painting or dyeing the skin; piercing by implanting jewellery and other bio-compatible material in or under the skin; and modification by cutting, branding, manipulating, stretching and scarring to change the shape of or create patterns in the skin, using scalpels, heat and restraining techniques. Registration or licensing may be required.

Indicative skill level Skill Level: 4

Specialisation(s) Body Piercer
Tattooist

451815 FIRST AID TRAINER

This occupation category has been added. It was previously included in 451899 Personal Service Workers nec.

The definition for this occupation category is shown below. It has no specialisations.

Category title 451815 FIRST AID TRAINER

Alternative title(s) First Aid Instructor

Lead statement Conducts first aid training courses in a variety of settings to a range of clients including corporate clients, school students, community groups and other members of the public.

Indicative skill level Skill Level: 3

451816 RELIGIOUS ASSISTANT

This occupation category has been added. It was previously included in 451899 Personal Service Workers nec.

The definition for this occupation category is shown below. It has no alternative titles.

Category title 451816 RELIGIOUS ASSISTANT

Lead statement Supports Ministers of Religion or a religious community in performing a variety of religious functions associated with the practise of a religion, including worship, spiritual guidance, pastoral care and teaching.

Indicative skill level Skill Level: 4

Specialisation(s) Pastoral Worker
Occupations in this group include:

- Astrologer
- Blood Bank Aide
- Bus Escort
- Butler
- Dog Walker
- First Aid Attendant
- Gymnasium Attendant
- Horse Racing Analyst
- Red Cross Aide
- School Bus Warden

The list of occupations for this residual category has been revised. The occupation Tattoo Artist has been removed. See 451814 Body Artist.

The revised definitional element for this residual category is shown below.
MAJOR GROUP 5 – DETAILED DEFINITIONAL CHANGES

INTRODUCTION

This section details the definitional changes to occupations and groups in Major Group 5 Clerical and Administrative Workers. The different definitional elements are explained on pages 3–4.

512 OFFICE AND PRACTICE MANAGERS

The list of tasks for this minor group has been revised. The sixth task for this minor group has been amended.

The revised definitional element for this minor group is shown below.

List of tasks

.Tasks Include:

- contributing to the planning and review of office services, and setting priorities and office service standards
- allocating human resources, space and equipment
- assigning work to and monitoring work performance of staff
- managing records and accounts of the office
- liaising with Professionals to coordinate office business and to facilitate resolution of problems
- ensuring office equipment and supplies are maintained
- ensuring compliance with occupational health and safety regulations
- ensuring work complies with relevant government legislation, policies and procedures
- coordinating personnel activities such as hiring, promotions, performance appraisals, payroll, training and supervision

5121 OFFICE MANAGERS

The list of tasks for this unit group has been revised. The sixth task for this unit group has been amended.

The revised definitional element for this unit group is shown below.

List of tasks

.Tasks Include:

- contributing to the planning and review of office services, and setting priorities and office service standards
- allocating human resources, space and equipment
- assigning work to and monitoring work performance of staff
- managing records and accounts of the office
- liaising with Professionals to coordinate office business and to facilitate resolution of problems
- ensuring office equipment and supplies are maintained
- ensuring compliance with occupational health and safety regulations
- ensuring work complies with relevant government legislation, policies and procedures
- coordinating personnel activities such as hiring, promotions, performance management, payroll, training and supervision
5122 Practice Managers

The list of tasks for this unit group has been revised. The sixth task for this unit group has been amended.

The revised definitional element for this unit group is shown below.

List of tasks

Tasks Include:
- contributing to the planning and review of office services, and setting priorities and office service standards
- allocating human resources, space and equipment
- assigning work to and monitoring work performance of staff
- managing records and accounts of the practice
- liaising with Professionals to coordinate practice business and to facilitate resolution of problems
- ensuring office equipment and supplies are maintained
- ensuring compliance with occupational health and safety regulations
- ensuring work complies with relevant government legislation, policies and procedures
- coordinating personnel activities such as hiring, promotions, performance management, payroll, training and supervision

552 Financial and Insurance Clerks

The list of occupations for this minor group has been revised. The title of Unit Group 5522 has been amended.

The revised definitional element for this minor group is shown below.

List of occupations

Occupations in this minor group are classified into the following unit groups:

5521 Bank Workers
5522 Credit and Loans Officers (Aus) / Finance Clerks (NZ)
5523 Insurance, Money Market and Statistical Clerks

5522 Credit and Loans Officers

The category title, lead statement and list of occupations for this unit group have been revised. The title of occupation category 552211 has been amended.

The revised definitional elements for this unit group are shown below.

Category title

UNIT GROUP 5522 CREDIT AND LOANS OFFICERS (AUS) / FINANCE CLERKS (NZ)

Lead statement

CREDIT AND LOANS OFFICERS (AUS) / FINANCE CLERKS (NZ) analyse, evaluate and process credit and loan applications.

List of occupations

Occupation:

552211 Credit or Loans Officer (Aus) / Finance Clerk (NZ)
The specialisations for this occupation category have been revised. The specialisation Medical Record Clerk has been added. It was previously included in 599911 Coding Clerk.

The revised definitional element for this occupation category is shown below.

**Specialisation(s)**

Medical Record Clerk
Internal Salesperson (Aus)
Mail Order Clerk

Specialisation(s)

Skill Level: 4
Indicative skill level

Receives and processes incoming orders for goods and services from inside or outside an organisation.

Lead statement

Customer Orders Clerk
Sales Order Clerk

Indicative skill level
Skill Level: 4

Internal Salesperson (Aus)
Mail Order Clerk

The list of occupations for this unit group has been revised. 591111 Order Clerk and 591114 Sales Clerk have been deleted and replaced by 591117 Order Clerk. Codes 591111 and 591114 have been retired.

The revised definitional element for this unit group is shown below.

List of occupations

Occupations:
591112 Production Clerk
591113 Purchasing Officer
591115 Stock Clerk
591116 Warehouse Administrator
591117 Order Clerk

This occupation category and all associated definitional elements have been deleted. It has been replaced by 591117 Order Clerk. Code 591111 has been retired.

591117 ORDER CLERK

This occupation category has been added. It replaces 591111 Order Clerk and 591114 Sales Clerk.

The definition for this occupation category is shown below.

Category title

591117 ORDER CLERK

Alternative title(s)

Customer Orders Clerk
Sales Order Clerk

Lead statement
Receives and processes incoming orders for goods and services from inside or outside an organisation.

Indicative skill level
Skill Level: 4

Specialisation(s)

Internal Salesperson (Aus)
Mail Order Clerk
The lead statement, indicative skill level statement and list of occupations for this unit group have been revised. 599911 Coding Clerk has been deleted and 599915 Clinical Coder and 599916 Facilities Administrator have been added.

The revised definitional elements for this unit group are shown below.

**Lead statement**

This unit group covers Clerical and Administrative Workers not elsewhere classified. It includes Production Assistants (Film, Television, Radio or Stage), Proof Readers, Radio Despatchers, Clinical Coders and Facilities Administrators.

**Indicative skill level**

*Indicative Skill Level:*

Most occupations in this unit group have a level of skill commensurate with the qualifications and experience outlined below.

In Australia:

- AQF Certificate II or III (ANZSCO Skill Level 4)

In New Zealand:

- NZ Register Level 2 or 3 qualification (ANZSCO Skill Level 4)

At least one year of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

Registration or licensing may be required.

The occupation Clinical Coder has a level of skill commensurate with the qualifications and experience outlined below.

In Australia:

- AQF Certificate III including at least two years of on-the-job training, or AQF Certificate IV (ANZSCO Skill Level 3)

In New Zealand:

- NZ Register Level 4 qualification (ANZSCO Skill Level 3)

At least three years of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

**List of occupations**

Occupations:

- 599912 Production Assistant (Film, Television, Radio or Stage)
- 599913 Proof Reader
- 599914 Radio Despatcher
- 599915 Clinical Coder
- 599916 Facilities Administrator
- 599999 Clerical and Administrative Workers nec
MAJOR GROUP 5 – DETAILED DEFINITIONAL CHANGES

599911 CODING CLERK
This occupation category and all associated definitional elements have been deleted. It has been replaced in part by 599915 Clinical Coder and the remainder has been included in 599999 Clerical and Administrative Workers nec. Code 599911 has been retired.

599915 CLINICAL CODER
This occupation category has been added. It replaces in part 599911 Coding Clerk.
The definition for this occupation category is shown below. It has no alternative titles or specialisations.

Category title
599915 CLINICAL CODER

Lead statement
Assigns codes to narrative descriptions of patients' diseases, operations and procedures in accordance with recognised classification systems to allow for easy storage, retrieval and analysis of health data.

Indicative skill level
Skill Level: 3

599916 FACILITIES ADMINISTRATOR
This occupation category has been added. It was previously included in 599999 Clerical and Administrative Workers nec.
The definition for this occupation category is shown below. It has no specialisations.

Category title
599916 FACILITIES ADMINISTRATOR

Alternative title(s)
Facilities Assistant
Facilities Coordinator
Facilities Officer

Lead statement
Provides assistance to ensure the day-to-day smooth operation of a building's infrastructure, through administrative support, including budgeting, procurement negotiation, contractor liaison and documentation, as well as coordination of staff and office equipment during relocation, and at times supervision and physical assistance with maintenance tasks.

Indicative skill level
Skill Level: 4

599999 CLERICAL AND ADMINISTRATIVE WORKERS NEC
The list of occupations for this residual category has been revised. The occupation Coding Clerk has been added. It was previously included in 599911 Coding Clerk. See also 599915 Clinical Coder.
The revised definitional element for this residual category is shown below.

List of occupations
Occupations in this group include:
- Coding Clerk
- Examination Supervisor
- Train Planner
- Travel Clerk

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There are no definitional changes to Major Group 6 Sales Workers in Revision 1.
INTRODUCTION

This section details the changes to occupations and groups in Major Group 7 Machinery Operators and Drivers. The different definitional elements are explained on pages 3–4.

7113 PAPER AND WOOD PROCESSING MACHINE OPERATORS

The list of occupations for this unit group has been revised. 711312 Wood Processing Machine Operator has been deleted and replaced by 711313 Sawmilling Operator and 711314 Other Wood Processing Machine Operator. Code 711312 has been retired.

The revised definitional element for this unit group is shown below.

List of occupations

Occupations:
711311 Paper Products Machine Operator
711313 Sawmilling Operator
711314 Other Wood Processing Machine Operator

711312 WOOD PROCESSING MACHINE OPERATOR

This occupation category and all associated definitional elements have been deleted. It has been replaced by 711313 Sawmilling Operator and 711314 Other Wood Processing Machine Operator. Code 711312 has been retired.

711313 SAWMILLING OPERATOR

This occupation category has been added. It was previously included in 711312 Wood Processing Machine Operator.

The definition for this occupation category is shown below.

Category title

711313 SAWMILLING OPERATOR

Alternative title(s)

Sawmiller

Lead statement

Sets up and operates machines to cut logs into planks of standard sizes.

Indicative skill level

Skill Level: 4

Specialisation(s)

Band Saw Operator
Beam Saw Operator
Cant Gang Sawyer
Resawyer
Ripsaw Operator

711314 OTHER WOOD PROCESSING MACHINE OPERATOR

This occupation category has been added. It was previously included in 711312 Wood Processing Machine Operator.

The definition for this occupation category is shown below. It has no alternative titles.

Category title

711314 OTHER WOOD PROCESSING MACHINE OPERATOR

Lead statement

Operates machines that strip and prepare logs, remove bark, cut logs and timber, create wood chips, and cut, glue, press, trim, sand, splice, mould and repair wooden boards of various grades, forms and combinations.
Occupations in this group include:

**Thermoforming Machine Operator**

The list of occupations for this residual category has been revised. The occupation Rotational Moulding Operator (Plastics) has been removed from this category. It is now included as a specialisation of 711514 Plastics Production Machine Operator (General).

The revised definitional element for this occupation category is shown below.

**List of occupations**

- Debarker Operator
- Docking Saw Operator
- Log Preparer
- Plywood and Veneer Repairer
- Sawmill Moulder Operator
- Veneer Production Machine Operator

The specialisations for this occupation category have been revised. The specialisation Rotational Moulding Operator (Plastics) has been added. It was previously included in 711599 Plastics and Rubber Production Machine Operators nec.

The revised definitional element for this occupation category is shown below.

**List of occupations**

- Blow Moulding Machine Operator
- Extruding Machine Operator (Plastics)
- Injection Moulding Machine Operator (Plastics)
- Lamination Machine Operator
- Plastic Production Machine Setter
- Rotational Moulding Operator (Plastics)

The specialisations for this occupation category have been revised. The specialisation Fibreglass Hand Laminator has been removed from this list as it has not been widely reported in statistical collections. However, it remains within the scope of this category. The specialisation Fibreglass Laminator has been added.

The revised definitional element for this occupation category is shown below.

**List of occupations**

- Fibreglass Gun Hand
- Fibreglass Laminator
- Resin Transfer Moulding Machine Operator

The list of occupations for this residual category has been revised. The occupation Rotational Moulding Operator (Plastics) has been removed from this category. It is now included as a specialisation of 711514 Plastics Production Machine Operator (General).

The revised definitional element for this residual category is shown below.

**List of occupations**

- Occupations in this group include:
  - Thermoforming Machine Operator
The list of occupations for this minor group has been revised. The title of Unit Group 7123 has been amended.

The revised definitional element for this minor group is shown below.

**List of occupations**

Occupations in this minor group are classified into the following unit groups:

- 7121 Crane, Hoist and Lift Operators
- 7122 Drillers, Miners and Shot Firers
- 7123 Engineering Production Workers
- 7129 Other Stationary Plant Operators

The category title, lead statement and list of occupations for this unit group have been revised. The title of occupation category 712311 has been amended.

The revised definitional elements for this unit group are shown below.

**Category title**

**UNIT GROUP 7123 ENGINEERING PRODUCTION WORKERS**

**Lead statement**

ENGINEERING PRODUCTION WORKERS perform a range of production process tasks to refine and treat metals and mineral ore, fire ceramics, and operate plant to produce and finish metal products such as rods, tubing and structural shapes, and moulds for casting.

**List of occupations**

Occupation:

- 712311 Engineering Production Worker

The category title and specialisations for this occupation category have been revised. The category title has been amended to reflect current usage. The specialisation Mineral Ore Treatment Plant Operator has been removed from this category. It is now included in 712999 Stationary Plant Operators nec.

The revised definitional elements for this occupation category are shown below.

**Category title**

**712311 ENGINEERING PRODUCTION SYSTEMS WORKER**

**Specialisation(s)**

Alumina Refinery Operator
Arc Welder
Brake Press Operator
Computer Numeric Control Machine Operator
Foundry Operator
Furnace Operator (Metals)
Kiln Operator (Metals)
Metal Rolling Mill Operator
Sheetmetal Worker (Second Class)
Tool Setter
Turret Punch Operator
MAJOR GROUP 8 – DETAILED DEFINITIONAL CHANGES

INTRODUCTION
This section details the definitional changes to occupations and groups in Major Group 8 Labourers. The different definitional elements are explained on pages 3–4.

821914 MINING SUPPORT WORKER
The specialisations for this occupation category have been revised. The specialisation Wash Plant Attendant has been removed from this category. It is now included in 712999 Stationary Plant Operators nec.

The revised definitional element for this occupation category is shown below.

Specialisation(s)
Pit Crew Support Worker

839412 SAWMILL OR TIMBER YARD WORKER
The specialisations for this occupation category have been revised. The specialisation Dry Mill Worker (NZ) has been added.

The revised definitional element for this occupation category is shown below.

Specialisation(s)
Dry Mill Worker (NZ)
Tailer-out

8399 OTHER FACTORY PROCESS WORKERS
The lead statement and list of occupations for this unit group have been revised. 839918 Recycling Worker has been added.

The revised definitional elements for this unit group are shown below.

Lead statement
This unit group covers Factory Process Workers not elsewhere classified.

It includes Cement and Concrete Plant Workers, Chemical Plant Workers, Clay Processing Factory Workers, Fabric and Textile Factory Workers, Footwear Factory Workers, Glass Processing Workers, Hide and Skin Processing Workers and Recycling Workers.

List of occupations
Occupations:
839911 Cement and Concrete Plant Worker
839912 Chemical Plant Worker
839913 Clay Processing Factory Worker
839914 Fabric and Textile Factory Worker
839915 Footwear Factory Worker
839916 Glass Processing Worker
839917 Hide and Skin Processing Worker
839918 Recycling Worker
839999 Factory Process Workers nec
839918 RECYCLING WORKER

This occupation category has been added. It was previously included in 839999 Factory Process Workers nec.

The definition for this occupation category is shown below. It has no specialisations.

Category title

839918 RECYCLING WORKER

Alternative title(s)

Recycling Sorter

Lead statement

Performs routine tasks in a recycling facility such as sorting, packing and storing plastics, glass, paper, metals and other recyclable materials which have been collected from household, commercial and industrial premises in preparation for use in creating new products.

Indicative skill level

Skill Level: 5

8412 CROP FARM WORKERS

The lead statement, list of tasks and list of occupations for this unit group have been revised. 841217 Mushroom Picker has been added.

The revised definitional elements for this unit group are shown below.

Lead statement

CROP FARM WORKERS perform routine tasks in producing crops such as fruit, nuts, grains, vegetables and mushrooms.

List of tasks

Tasks Include:

- Planting trees, seeds, seedlings, roots, bulbs, vines and other plants using hand tools and farm machines
- Building trellises for climbing vegetables and vines
- Operating farm machines to cultivate, fertilise, spray and harvest fruit, nuts, grains and vegetables
- Spraying trees, vines and other plants with chemicals to control weed growth, insects, fungus growth and diseases
- Thinning, weeding and hoeing row crops, and pruning trees and vines
- Irrigating land for crop growth
- Selecting and picking fruit, nuts, grains, vegetables and mushrooms according to size and ripeness, and discarding rotting and over-ripened produce
- Grading, sorting, bunching and packing produce into containers
- Loading filled fruit, nut, grain and vegetable containers onto trucks

List of occupations

Occupations:

- 841211 Fruit or Nut Farm Worker
- 841212 Fruit or Nut Picker
- 841213 Grain, Oilseed or Pasture Farm Worker (Aus) / Field Crop Farm Worker (NZ)
- 841214 Vegetable Farm Worker (Aus) / Market Garden Worker (NZ)
- 841215 Vegetable Picker
- 841216 Vineyard Worker
- 841217 Mushroom Picker
- 841299 Crop Farm Workers nec
841217 MUSHROOM PICKER

This occupation category has been added. It was previously included in 841299 Crop Farm Workers nec.

The definition for this occupation category is shown below. It has no alternative titles or specialisations.

**Category title**

841217 MUSHROOM PICKER

**Lead statement**

Harvests mushrooms and prepares produce for distribution.

**Indicative skill level**

Skill Level: 5

841311 FORESTRY WORKER

The specialisations for this occupation category have been revised. The specialisations Forestry Tree Pruner and Tree Thinner (NZ) have been added.

The revised definitional element for this occupation category is shown below.

**Specialisation(s)**

- Fire Lookout
- Forestry Tree Pruner
- Tree Planter
- Tree Thinner (NZ)

8419 OTHER FARM, FORESTRY AND GARDEN WORKERS

The lead statement, indicative skill level statement and list of occupations for this unit group have been revised. 841912 Pest or Weed Controller has been deleted and 841913 Pest Controller has been added. Code 841912 has been retired.

The revised definitional elements for this unit group are shown below.

**Lead statement**

This unit group covers Farm, Forestry and Garden Workers not elsewhere classified.

It includes Hunter-Trappers and Pest Controllers.

**Indicative skill level**

**Indicative Skill Level:**

Most occupations in this unit group have a level of skill commensurate with the qualifications outlined below.

In Australia:

- AQF Certificate I, or compulsory secondary education (ANZSCO Skill Level 5)

In New Zealand:

- NZ Register Level 1 qualification, or compulsory secondary education (ANZSCO Skill Level 5)

For some occupations a short period of on-the-job training may be required in addition to or instead of the formal qualification. In some instances no formal qualification or on-the-job training may be required.
The occupation Pest Controller has a level of skill commensurate with the qualifications and experience outlined below.

In Australia:
   AQF Certificate II or III (ANZSCO Skill Level 4)

In New Zealand:
   NZ Register Level 2 or 3 qualification (ANZSCO Skill Level 4)

At least one year of relevant experience may substitute for the formal qualifications listed above. In some instances relevant experience and/or on-the-job training may be required in addition to the formal qualification.

Registration or licensing may be required.

Occupations:
   841911 Hunter-Trapper
   841913 Pest Controller
   841999 Farm, Forestry and Garden Workers nec

This occupation category and all associated definitional elements have been deleted. It has been replaced in part by 841913 Pest Controller and the remainder has been included in 841999 Farm, Forestry and Garden Workers nec. Code 841912 has been retired.

This occupation category has been added. It was previously included in 841912 Pest or Weed Controller.

The definition for this occupation category is shown below.

**841913 PEST CONTROLLER**

**Lead statement**

Applies pest management techniques to control invertebrate and insect pests inside and outside domestic, commercial and industrial premises. Registration or licensing is required.

**Indicative skill level**

Skill Level: 4

**Specialisation(s)**

Fumigator
Termite Technician
MAJOR GROUP 8 – DETAILED DEFINITIONAL CHANGES

841999 FARM, FORESTRY AND GARDEN WORKERS NEC

The list of occupations for this residual category has been revised. The occupation Weed Controller has been added. It was previously included in 841912 Pest or Weed Controller.

The revised definitional element for this residual category is shown below.

List of occupations
Occupations in this group include:
- Coral Collector
- Indoor Plant Technician
- Irrigationist
- Kelp or Seagrass Gatherer
- Seed Collector
- Weed Controller

8994 MOTOR VEHICLE PARTS AND ACCESSORIES FITTERS

The list of occupations for this unit group has been revised. The titles of 899413 Exhaust and Muffler Fitter and 899414 Radiator Fitter have been amended.

The revised definitional element for this unit group is shown below.

List of occupations
Occupations:
- 899411 Motor Vehicle Parts and Accessories Fitter (General)
- 899412 Autoglazier
- 899413 Exhaust and Muffler Repairer
- 899414 Radiator Repairer
- 899415 Tyre Fitter

899413 EXHAUST AND MUFFLER FITTER

The category title and alternative titles for this occupation category have been revised. The category title has been amended to reflect current usage. The alternative title Exhaust and Muffler Fitter has been added.

The revised definitional elements for this occupation category are shown below.

Category title
899413 EXHAUST AND MUFFLER REPAIRER

Alternative title(s)
Exhaust and Muffler Fitter

899414 RADIATOR FITTER

The category title and alternative titles for this occupation category have been revised. The category title has been amended to reflect current usage. The alternative title Radiator Fitter has been added.

The revised definitional elements for this occupation category are shown below.

Category title
899414 RADIATOR REPAIRER

Alternative title(s)
Radiator Fitter
### Lead statement

This unit group covers Labourers not elsewhere classified.

It includes Bicycle Mechanics, Car Park Attendants, Crossing Supervisors, Electrical or Telecommunications Trades Assistants, Leaflet or Newspaper Deliverers, Mechanic’s Assistants, Railways Assistants, Sign Erectors, Ticket Collectors or Ushers, Trolley Collectors and Road Traffic Controllers.

### List of occupations

Occupations:
- 899911 Bicycle Mechanic
- 899912 Car Park Attendant
- 899913 Crossing Supervisor
- 899914 Electrical or Telecommunications Trades Assistant
- 899915 Leaflet or Newspaper Deliverer
- 899916 Mechanic’s Assistant
- 899917 Railways Assistant
- 899918 Sign Erector
- 899921 Ticket Collector or Usher
- 899922 Trolley Collector
- 899923 Road Traffic Controller
- 899999 Labourers nec

### 899923 ROAD TRAFFIC CONTROLLER

This occupation category has been added. It was previously included in 899999 Labourers nec.

The definition for this occupation category is shown below. It has no alternative titles.

**Category title**

899923 ROAD TRAFFIC CONTROLLER

**Lead statement**

Manually directs road traffic and pedestrian flows on, near, or adjacent to roads during road closures or part road closures due to construction, maintenance or roadside works; public events; or emergency responses using signs and devices to ensure the safety of workers, motorists and pedestrians.

**Indicative skill level**

Skill Level: 5

**Specialisation(s)**

Events Traffic Controller
Occupations in this group include:

- Bowling Alley Attendant
- Grip
- Milk Runner
- Racecourse Barrier Attendant
- Stagehand
- Studio Hand
- Swimming Pool Serviceperson
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