

THE LABOUR FORCE SURVEY AND ASCO SECOND EDITION

INTRODUCTION

The purpose of this Information Paper is to introduce the second edition of the Australian Standard Classification of Occupations (ASCO SE). The first edition of ASCO (ASCO FE) has been in use for classifying occupations in the Labour Force Survey (LFS) since August 1986.

DEVELOPMENT OF ASCO SE

Widespread changes to industry, technology, awards and career entry led to a joint review of ASCO FE by the Australian Bureau of Statistics and the Department of Employment, Education, Training and Youth Affairs beginning in 1992. The main changes from ASCO FE have been:

- restructuring of the 8 Major Groups of occupations in ASCO FE into 9 Major Groups in ASCO SE;
- grouping the 9 Major Groups into 5 Skill Level ranges;
- introduction of a new Sub-Major Group level of classification, comprising 45 groups; and
- restructuring at the Minor Group, Unit Group and Occupation levels.

For a comprehensive discussion of these and other changes, see the *Information Paper: ASCO - Australian Standard Classification of Occupations* (1221.0) and the ASCO publications, products and services described there.

CONCORDANCE AND RECLASSIFICATION OF LABOUR FORCE DATA

This Information Paper presents a concordance showing the proportion of employment in ASCO SE of ASCO FE classifications at the Unit Group (4-digit) level. It also provides a table showing original estimates of employment at ASCO SE Major Group level, backcast to August 1986.

NOTES

INQUIRIES

For further information about the contents of this publication or the availability of labour force data products and services, contact Sylvia Sajler on Canberra (06) 252 6525 or any Australian Bureau of Statistics (ABS) State office.

For information about other ABS statistics and services please refer to the back of this publication.

RELATED PUBLICATIONS

Users may wish to refer to the following publications which relate to the labour force and are available for sale on request:

Labour Force, Australia (6203.0) issued monthly

Information Paper: ASCO - Australian Standard Classification of Occupations (1221.0)

Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Release advice are available from any ABS office.

UNPUBLISHED STATISTICS

The ABS can also make available more detailed information in the form of customised reports. In general, a charge is applied for providing unpublished information. For inquiries regarding the availability of unpublished labour force data, contact Sylvia Sajler on Canberra (06) 252 6525 or any ABS State office.

W. McLennan
Australian Statistician

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION

| <i>ASCO First Edition</i> | <i>Employment ratio %</i> | <i>ASCO Second Edition</i> |
|---|-----------------------------------|--|
| 1 Managers and Administrators | | |
| 1101 Parliamentarians, Councillors and Government Representatives | 1.0000 | 1111 Legislators and Government Appointed Officials |
| 1103 Judges, Magistrates and Mediators | 1.0000 | 1111 Legislators and Government Appointed Officials |
| 1201 General Managers | 1.0000 | 1112 General Managers |
| 1301 Finance Managers | 0.7000 | 1211 Finance Managers |
| | 0.1500 | 1212 Company Secretaries |
| | 0.1500 | 2213 Corporate Treasurers |
| 1303 Sales and Marketing Managers | 1.0000 | 1231 Sales and Marketing Managers |
| 1305 Production Managers | 0.9224 | 1222 Production Managers |
| | 0.0776 | 1296 Media Producers and Artistic Directors |
| 1307 Supply and Distribution Managers | 1.0000 | 1223 Supply and Distribution Managers |
| 1309 Personnel and Industrial Relations Managers | 1.0000 | 1213 Human Resource Managers |
| 1311 Data Processing Managers | 1.0000 | 1224 Information Technology Managers |
| 1313 Public Policy Managers | 1.0000 | 1291 Policy and Planning Managers |
| 1315 Directors of Nursing | 1.0000 | 1292 Health Services Managers |
| 1317 Education Managers | 1.0000 | 1293 Education Managers |
| 1319 Commissioned Officers (management) | 1.0000 | 1294 Commissioned Officers (management) |
| 1399 Other Specialist Managers | 0.2113 | 1221 Engineering Managers |
| | 0.7887 | 1299 Other Specialist Managers |
| 1401 Farmers and Farm Managers | 0.1792 | 1311 Mixed Crop and Livestock Farmers |
| | 0.4676 | 1312 Livestock Farmers |
| | 0.3410 | 1313 Crop Farmers |
| | 0.0049 | 1314 Aquaculture Farmers |
| | 0.0073 | 9929 Other Agricultural and Horticultural Labourers |
| 1501 Shop Managers | 1.0000 | 3311 Shop Managers |
| 1503 Restaurant and Catering Managing Supervisors | 1.0000 | 3321 Restaurant and Catering Managers |
| 1505 Accommodation and Tavern Managing Supervisors | 0.7587 | 3323 Hotel and Motel Managers |
| | 0.1351 | 3325 Caravan Park and Camping Ground Managers |
| | 0.1062 | 3329 Other Hospitality and Accommodation Managers |
| 1507 Financial Institution Branch Managers | 1.0000 | 3211 Branch Accountants and Managers (financial Institution) |
| 1599 Other Managing Supervisors (sales and Service) | 0.0125 | 1292 Health Services Managers |
| | 0.1327 | 3211 Branch Accountants and Managers (financial Institution) |
| | 0.0102 | 3212 Financial Dealers and Brokers |
| | 0.0938 | 3293 Real Estate Associate Professionals |
| | 0.1356 | 3324 Club Managers (licensed Premises) |
| | 0.1161 | 3391 Other Managing Supervisors (sales and Service) |
| | 0.4829 | 3399 Sport and Recreation Managers |
| | 0.0162 | 4931 Hairdressers |
| 1601 Managing Supervisors (other Business) | 0.5003 | 1191 Building and Construction Managers |
| | 0.1369 | 1192 Importers, Exporters and Wholesalers |
| | 0.2797 | 1193 Manufacturers |
| | 0.0831 | 3393 Transport Company Managers |
| 2 Professionals | | |
| 2101 Chemists | 1.0000 | 2111 Chemists |
| 2103 Geologists and Geophysicists | 1.0000 | 2112 Geologists and Geophysicists |
| 2105 Physicists | 1.0000 | 2119 Other Natural and Physical Science Professionals |
| 2107 Life Scientists | 0.3659 | 2113 Life Scientists |
| | 0.6341 | 2114 Environmental and Agricultural Science Professionals |
| 2109 Medical Testing Professionals | 0.9583 | 2115 Medical Scientists |
| | 0.0417 | 2129 Other Building and Engineering Professionals |
| 2199 Other Natural Scientists | 0.7585 | 2114 Environmental and Agricultural Science Professionals |
| | 0.2415 | 2119 Other Natural and Physical Science Professionals |
| 2201 Architects and Landscape Architects | 1.0000 | 2121 Architects and Landscape Architects |
| 2203 Quantity Surveyors | 1.0000 | 2122 Quantity Surveyors |
| 2205 Cartographers and Surveyors | 1.0000 | 2123 Cartographers and Surveyors |
| 2207 Chemical Engineers | 0.1000 | 2128 Engineering Technologists |
| | 0.9000 | 2129 Other Building and Engineering Professionals |
| 2209 Civil Engineers | 0.9000 | 2124 Civil Engineers |
| | 0.1000 | 2128 Engineering Technologists |
| 2211 Electrical and Electronics Engineers | 0.9000 | 2125 Electrical and Electronics Engineers |
| | 0.1000 | 2128 Engineering Technologists |
| 2213 Mechanical Engineers | 0.9000 | 2126 Mechanical, Production and Plant Engineers |
| | 0.1000 | 2128 Engineering Technologists |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| ASCO First Edition | Employment ratio % | ASCO Second Edition |
|--|--------------------------|---|
| 2215 Mining Engineers | 0.9000 | 2127 Mining and Materials Engineers |
| | 0.1000 | 2128 Engineering Technologists |
| 2217 Metallurgists and Materials Scientists | 0.7382 | 2119 Other Natural and Physical Science Professionals |
| | 0.1618 | 2127 Mining and Materials Engineers |
| | 0.1000 | 2128 Engineering Technologists |
| 2219 Other Engineers | 0.9000 | 2129 Other Building and Engineering Professionals |
| | 0.1000 | 2128 Engineering Technologists |
| 2301 General Medical Practitioners | 1.0000 | 2311 Generalist Medical Practitioners |
| 2303 Specialist Medical Practitioners | 1.0000 | 2312 Specialist Medical Practitioners |
| 2305 Dental Practitioners | 1.0000 | 2381 Dental Practitioners |
| 2307 Pharmacists | 1.0000 | 2382 Pharmacists |
| 2309 Occupational Therapists | 1.0000 | 2383 Occupational Therapists |
| 2311 Optometrists | 1.0000 | 2384 Optometrists |
| 2313 Physiotherapists | 1.0000 | 2385 Physiotherapists |
| 2315 Speech Pathologists | 1.0000 | 2386 Speech Pathologists |
| 2317 Chiropractors and Osteopaths | 1.0000 | 2387 Chiropractors and Osteopaths |
| 2319 Podiatrists | 1.0000 | 2388 Podiatrists |
| 2321 Radiographers | 1.0000 | 2391 Medical Imaging Professionals |
| 2323 Veterinarians | 1.0000 | 2392 Veterinarians |
| 2399 Other Health Diagnosis and Treatment Practitioners | 0.2760 | 2393 Dietitians |
| | 0.4877 | 2394 Natural Therapy Professionals |
| | 0.2363 | 2399 Other Health Professionals |
| 2401 Pre-primary School Teachers | 1.0000 | 2411 Pre-primary School Teachers |
| 2403 Primary School Teachers | 1.0000 | 2412 Primary School Teachers |
| 2405 Secondary School Teachers | 1.0000 | 2413 Secondary School Teachers |
| 2407 Special Education Teachers | 0.6391 | 2414 Special Education Teachers |
| | 0.3609 | 2492 English As A Second Language Teachers |
| 2501 University and Cae Teachers | 1.0000 | 2421 University Lecturers and Tutors |
| 2503 Tafe Teachers | 0.0401 | 1293 Education Managers |
| | 0.9599 | 2422 Vocational Education Teachers |
| 2505 Extra-systemic Teachers and Instructors | 0.9000 | 2491 Extra-systemic Teachers |
| | 0.1000 | 6396 Fitness Instructors and Related Workers |
| 2601 Social Workers | 0.0289 | 1291 Policy and Planning Managers |
| | 0.7969 | 2511 Social Workers |
| | 0.1742 | 2512 Welfare and Community Workers |
| 2603 Counsellors | 1.0000 | 2513 Counsellors |
| 2605 Lawyers | 1.0000 | 2521 Legal Professionals |
| 2607 Ministers of Religion | 1.0000 | 2515 Ministers of Religion |
| 2701 Accountants | 0.8485 | 2211 Accountants |
| | 0.0515 | 2212 Auditors |
| | 0.1000 | 2213 Corporate Treasurers |
| 2703 Public Relations Officers | 1.0000 | 2221 Marketing and Advertising Professionals |
| 2705 Personnel Specialists | 1.0000 | 2291 Human Resource Professionals |
| 2707 Computing Professionals | 0.8000 | 2231 Computing Professionals |
| | 0.2000 | 3294 Computing Support Technicians |
| 2799 Other Business Professionals | 0.0093 | 2221 Marketing and Advertising Professionals |
| | 0.2207 | 2291 Human Resource Professionals |
| | 0.5024 | 2294 Business and Organisation Analysts |
| | 0.2676 | 2299 Other Business and Information Professionals |
| 2801 Painters, Sculptors and Related Professionals | 1.0000 | 2531 Visual Arts and Crafts Professionals |
| 2803 Photographers | 1.0000 | 2532 Photographers |
| 2805 Designers and Illustrators | 1.0000 | 2533 Designers and Illustrators |
| 2807 Journalists | 1.0000 | 2534 Journalists and Related Professionals |
| 2809 Authors and Related Professionals | 1.0000 | 2535 Authors and Related Professionals |
| 2811 Film, Television and Stage Directors | 1.0000 | 2536 Film, Television, Radio and Stage Directors |
| 2813 Dancers and Choreographers | 1.0000 | 2538 Actors, Dancers and Related Professionals |
| 2815 Musicians, Composers and Related Professionals | 1.0000 | 2537 Musicians and Related Professionals |
| 2817 Actors and Related Professionals | 1.0000 | 2538 Actors, Dancers and Related Professionals |
| 2819 Announcers | 1.0000 | 2539 Media Presenters |
| 2901 Economists | 0.1500 | 2295 Property Professionals |
| | 0.8500 | 2522 Economists |
| 2903 Psychologists | 1.0000 | 2514 Psychologists |
| 2905 Education Researchers and Related Professionals | 1.0000 | 2493 Education Officers |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| ASCO First Edition | Employment ratio % | ASCO Second Edition |
|---|--------------------------|--|
| 2907 Other Social Scientists | 0.6875 | 2523 Urban and Regional Planners |
| | 0.3125 | 2529 Other Social Professionals |
| 2909 Mathematicians, Statisticians and Actuaries | 1.0000 | 2293 Mathematicians, Statisticians and Actuaries |
| 2911 Librarians | 1.0000 | 2292 Librarians |
| 2999 Other Professionals | 0.0321 | 1299 Other Specialist Managers |
| | 0.0930 | 2299 Other Business and Information Professionals |
| | 0.1618 | 2529 Other Social Professionals |
| | 0.0942 | 2543 Occupational and Environmental Health Professionals |
| | 0.6189 | 2549 Other Professionals |
| 3 Para-professionals | | |
| 3101 Medical Technical Officers and Technicians | 0.0240 | 2391 Medical Imaging Professionals |
| | 0.8241 | 3111 Medical Technical Officers |
| | 0.1519 | 3492 Dental Associate Professionals |
| 3103 Science Technical Officers and Technicians | 1.0000 | 3112 Science Technical Officers |
| 3201 Electrical and Electronic Engineering Associates and Technicians | 0.2463 | 3123 Electrical Engineering Associate Professionals |
| | 0.7537 | 3124 Electronic Engineering Associate Professionals |
| 3203 Civil Engineering Associates and Technicians | 1.0000 | 3122 Civil Engineering Associate Professionals |
| 3205 Mechanical Engineering Associates and Technicians | 1.0000 | 3125 Mechanical Engineering Associate Professionals |
| 3207 Building, Architectural and Surveying Associates and Technicians | 1.0000 | 3121 Building, Architectural and Surveying Associate Professionals |
| 3299 Other Engineering and Building Associates and Technicians | 1.0000 | 3129 Other Building and Engineering Associate Professionals |
| 3301 Aircraft Pilots | 1.0000 | 2541 Air Transport Professionals |
| 3303 Air Transport Operating Support Workers | 1.0000 | 2541 Air Transport Professionals |
| 3305 Ship's Pilots and Deck Officers | 1.0000 | 2542 Sea Transport Professionals |
| 3307 Marine Engineers and Surveyors | 1.0000 | 2542 Sea Transport Professionals |
| 3401 Registered Nurses | 0.0451 | 2321 Nurse Managers |
| | 0.0400 | 2322 Nurse Educators and Researchers |
| | 0.8142 | 2323 Registered Nurses |
| | 0.0564 | 2324 Registered Midwives |
| | 0.0392 | 2325 Registered Mental Health Nurses |
| | 0.0051 | 2326 Registered Developmental Disability Nurses |
| 3501 Police | 1.0000 | 3911 Police Officers |
| 3901 Welfare Para-professionals | 0.7989 | 2512 Welfare and Community Workers |
| | 0.2011 | 3421 Welfare Associate Professionals |
| 3903 Performing Arts Support Workers | 1.0000 | 4992 Performing Arts Support Workers |
| 3905 Inspectors and Regulatory Officers | 0.0767 | 2543 Occupational and Environmental Health Professionals |
| | 0.1436 | 3121 Building, Architectural and Surveying Associate Professionals |
| | 0.0141 | 3129 Other Building and Engineering Associate Professionals |
| | 0.1574 | 3991 Primary Products Inspectors |
| | 0.1819 | 3992 Safety Inspectors |
| | 0.0845 | 5994 Insurance Risk Surveyors, Investigators and Loss Adjusters |
| | 0.3418 | 6194 Intermediate Inspectors and Examiners |
| 3907 Child Care Co-ordinators | 1.0000 | 1295 Child Care Co-ordinators |
| 3909 Ambulance Officers | 1.0000 | 3491 Ambulance Officers and Paramedics |
| 3911 Prison Officers | 1.0000 | 6393 Prison Officers |
| 3913 Procurement Officers | 0.0918 | 3212 Financial Dealers and Brokers |
| | 0.1917 | 3996 Retail Buyers |
| | 0.7165 | 6153 Stock and Purchasing Clerks |
| 3915 Sportspersons and Related Workers | 1.0000 | 3993 Sportspersons, Coaches and Related Support Workers |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| ASCO First Edition | Employment ratio % | ASCO Second Edition |
|---|--------------------------|---|
| 3999 Other Para-professionals | 0.0222 | 2114 Environmental and Agricultural Science Professionals |
| | 0.3984 | 3292 Project and Program Administrators |
| | 0.0382 | 3994 Senior Non-commissioned Defence Force Officers |
| | 0.0616 | 3997 Library Technicians |
| | 0.1283 | 3999 Other Miscellaneous Associate Professionals |
| | 0.0306 | 4613 Wool, Hide and Skin Classers |
| | 0.0198 | 4911 Graphic Pre-press Tradespersons |
| | 0.2762 | 5912 Credit and Loans Officers |
| | 0.0068 | 5994 Insurance Risk Surveyors, Investigators and Loss Adjusters |
| | 0.0179 | 5999 Other Miscellaneous Advanced Clerical and Service Workers |
| 4 Tradespersons | | |
| 4101 Toolmakers | 1.0000 | 4113 Toolmakers |
| 4103 Metal Fitters and Machinists | 0.1000 | 4111 General Mechanical Engineering Tradespersons |
| | 0.8174 | 4112 Metal Fitters and Machinists |
| | 0.0816 | 7123 Engineering Production Systems Workers |
| | 0.0010 | 9211 Engineering Production Process Workers |
| 4201 Forging Tradespersons | 1.0000 | 4123 Forging Tradespersons |
| 4203 Sheetmetal Tradespersons | 0.0500 | 4121 General Fabrication Engineering Tradespersons |
| | 0.8469 | 4124 Sheetmetal Tradespersons |
| | 0.1031 | 7123 Engineering Production Systems Workers |
| 4205 Structural Steel, Boilermaking and Welding Tradespersons | 0.0500 | 4121 General Fabrication Engineering Tradespersons |
| | 0.9283 | 4122 Structural Steel and Welding Tradespersons |
| | 0.0063 | 7123 Engineering Production Systems Workers |
| | 0.0154 | 9211 Engineering Production Process Workers |
| 4207 Metal Casting Tradespersons | 0.0500 | 4121 General Fabrication Engineering Tradespersons |
| | 0.9500 | 4125 Metal Casting Tradespersons |
| 4209 Metal Finishing Tradespersons | 0.0500 | 4121 General Fabrication Engineering Tradespersons |
| | 0.6889 | 4126 Metal Finishing Tradespersons |
| | 0.2587 | 7123 Engineering Production Systems Workers |
| | 0.0024 | 9211 Engineering Production Process Workers |
| 4211 Aircraft Maintenance Engineers | 1.0000 | 4114 Aircraft Maintenance Engineers |
| 4213 Precision Metal Tradespersons | 1.0000 | 4115 Precision Metal Tradespersons |
| 4301 Electrical Powerline Tradespersons | 1.0000 | 4313 Electrical Distribution Tradespersons |
| 4303 Electrical Fitters | 1.0000 | 4311 Electricians |
| 4305 Automotive Electricians | 1.0000 | 4212 Automotive Electricians |
| 4307 Refrigeration and Air-conditioning Mechanics | 1.0000 | 4312 Refrigeration and Airconditioning Mechanics |
| 4309 Electrical Mechanics | 1.0000 | 4311 Electricians |
| 4311 Communications Equipment Tradespersons | 1.0000 | 4316 Communications Tradespersons |
| 4313 Radio and Television Servicers | 1.0000 | 4315 Electronic and Office Equipment Tradespersons |
| 4315 Office Equipment and Computer Servicers | 1.0000 | 4315 Electronic and Office Equipment Tradespersons |
| 4399 Other Electrical and Electronics Tradespersons | 0.4661 | 4311 Electricians |
| | 0.2332 | 4314 Electronic Instrument Tradespersons |
| | 0.3007 | 4315 Electronic and Office Equipment Tradespersons |
| 4401 Carpenters and Joiners | 1.0000 | 4411 Carpentry and Joinery Tradespersons |
| 4403 Bricklayers | 1.0000 | 4414 Bricklayers |
| 4405 Painters, Decorators and Signwriters | 0.8994 | 4421 Painters and Decorators |
| | 0.1006 | 4422 Signwriters |
| 4407 Plasterers | 0.8921 | 4412 Fibrous Plasterers |
| | 0.1079 | 4415 Solid Plasterers |
| 4409 Plumbers | 1.0000 | 4431 Plumbers |
| 4411 Roof Slaters and Tilers | 1.0000 | 4413 Roof Slaters and Tilers |
| 4413 Wall and Floor Tilers | 1.0000 | 4416 Wall and Floor Tilers and Stonemasons |
| 4501 Compositors | 1.0000 | 4911 Graphic Pre-press Tradespersons |
| 4503 Graphic Reproduction Tradespersons | 1.0000 | 4911 Graphic Pre-press Tradespersons |
| 4505 Printing Machinists | 1.0000 | 4912 Printing Machinists and Small Offset Printers |
| 4507 Binders and Finishers | 1.0000 | 4913 Binders and Finishers |
| 4509 Stereotypers and Electrotypers | 1.0000 | 4911 Graphic Pre-press Tradespersons |
| 4511 Screen Printers | 1.0000 | 4914 Screen Printers |
| 4601 Vehicle Mechanics | 1.0000 | 4211 Motor Mechanics |
| 4603 Panel Beaters | 1.0000 | 4213 Panel Beaters |
| 4605 Vehicle Painters | 1.0000 | 4214 Vehicle Painters |
| 4607 Vehicle Body Makers | 1.0000 | 4215 Vehicle Body Makers |
| 4609 Vehicle Trimmers | 1.0000 | 4216 Vehicle Trimmers |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| ASCO First Edition | Employment ratio % | ASCO Second Edition |
|--|--------------------------|--|
| 4701 Meat Tradespersons | 1.0000 | 4511 Meat Tradespersons |
| 4703 Bakers and Pastrycooks | 1.0000 | 4512 Bakers and Pastrycooks |
| 4705 Cooks | 0.3348 | 3322 Chefs |
| | 0.5232 | 4513 Cooks |
| | 0.1420 | 9932 Fast Food Cooks |
| 4799 Other Food Tradespersons | 1.0000 | 4519 Other Food Tradespersons |
| 4801 Nurserymen/women | 1.0000 | 4621 Nurserypersons |
| 4803 Greenkeepers | 1.0000 | 4622 Greenkeepers |
| 4805 Gardeners | 1.0000 | 4623 Gardeners |
| 4901 Wood Machinists and Turners | 0.9286 | 4921 Wood Machinists and Turners |
| | 0.0714 | 7294 Wood Processing Machine Operators |
| 4903 Cabinetmakers | 1.0000 | 4922 Cabinetmakers |
| 4905 Other Wood Tradespersons | 0.0166 | 2531 Visual Arts and Crafts Professionals |
| | 0.9834 | 4929 Other Wood Tradespersons |
| 4907 Marine Construction Tradespersons | 1.0000 | 4981 Marine Construction Tradespersons |
| 4909 Blasting Tradespersons | 0.1531 | 4986 Drillers |
| | 0.8469 | 7912 Blasting Workers |
| 4911 Garment Tradespersons | 1.0000 | 4941 Clothing Tradespersons |
| 4913 Upholsters and Bedding Tradespersons | 1.0000 | 4942 Upholsters and Bedding Tradespersons |
| 4915 Shoemaking and Repairing Tradespersons | 1.0000 | 4943 Footwear Tradespersons |
| 4917 Other Leather and Canvas Tradespersons | 1.0000 | 4944 Leather Goods, Canvas Goods and Sail Makers |
| 4919 Floor Coverers | 1.0000 | 4423 Floor Finishers |
| 4921 Glass Tradespersons | 1.0000 | 4982 Glass Tradespersons |
| 4923 Jewellery and Precious Metalware Tradespersons | 0.0794 | 2531 Visual Arts and Crafts Professionals |
| | 0.9206 | 4983 Jewellers and Related Tradespersons |
| 4925 Craftworkers | 0.9414 | 2531 Visual Arts and Crafts Professionals |
| | 0.0586 | 4999 Other Miscellaneous Tradespersons and Related Workers |
| 4927 Hairdressers | 1.0000 | 4931 Hairdressers |
| 4929 Sheep Shearers | 0.0196 | 3399 Other Managing Supervisors (sales and Service) |
| | 0.9804 | 4612 Shearers |
| 4931 Animal Trainers | 1.0000 | 4614 Animal Trainers |
| 4999 Other Tradespersons | 0.1632 | 3311 Shop Managers |
| | 0.1895 | 3492 Dental Associate Professionals |
| | 0.1237 | 4416 Wall and Floor Tilers and Stonemasons |
| | 0.1768 | 4984 Florists |
| | 0.0449 | 4991 Defence Force Members Not Elsewhere Included |
| | 0.3013 | 4999 Other Miscellaneous Tradespersons and Related Workers |
| | 0.0006 | 7129 Other Intermediate Stationary Plant Operators |
| 5 Clerks | | |
| 5101 Office Secretaries and Stenographers | 0.0139 | 3291 Office Managers |
| | 0.8820 | 5111 Secretaries and Personal Assistants |
| | 0.0041 | 5992 Court and Hansard Reporters |
| | 0.1000 | 6111 General Clerks |
| 5103 Typists and Typist-clerks | 0.0006 | 3291 Office Managers |
| | 0.1000 | 6111 General Clerks |
| | 0.8994 | 6121 Keyboard Operators |
| 5105 Word Processing Operators | 0.0199 | 3291 Office Managers |
| | 0.1000 | 6111 General Clerks |
| | 0.8801 | 6121 Keyboard Operators |
| 5201 Data Processing Machine Operators | 0.0100 | 3294 Computing Support Technicians |
| | 0.9900 | 6121 Keyboard Operators |
| 5203 Business Machine Operators | 0.0093 | 3291 Office Managers |
| | 0.9907 | 6121 Keyboard Operators |
| 5301 Accounting Clerks | 0.1017 | 3211 Branch Accountants and Managers (financial Institution) |
| | 0.2037 | 5911 Bookkeepers |
| | 0.1500 | 6111 General Clerks |
| | 0.4770 | 6141 Accounting Clerks |
| | 0.0676 | 6142 Payroll Clerks |
| 5303 Insurance and Broking Clerks | 0.9153 | 6144 Insurance Clerks |
| | 0.0847 | 6145 Money Market and Statistical Clerks |
| 5305 Statistical and Actuarial Clerks | 1.0000 | 6145 Money Market and Statistical Clerks |
| 5401 Library and Filing Clerks | 0.1000 | 8116 Office Trainees |
| | 0.4483 | 6192 Library Assistants |
| | 0.4517 | 8111 Registry and Filing Clerks |
| 5403 Mail Sorters | 1.0000 | 8112 Mail Sorting Clerks |
| 5499 Other Filing, Sorting and Copying Clerks | 1.0000 | 8119 Other Elementary Clerks |
| 5501 Production Recording Clerks | 1.0000 | 6151 Production Recording Clerks |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| ASCO First Edition | <i>Employment ratio</i> % | ASCO Second Edition |
|---|----------------------------------|--|
| 5503 Transport Recording and Despatching Clerks | 0.0666 | 5999 Other Miscellaneous Advanced Clerical and Service Workers |
| | 0.0090 | 6151 Production Recording Clerks |
| | 0.9244 | 6152 Transport and Despatching Clerks |
| 5505 Stock and Purchasing Clerks | 1.0000 | 6153 Stock and Purchasing Clerks |
| 5601 Receptionists and Information Clerks | 0.3000 | 6111 General Clerks |
| | 0.6062 | 6131 Receptionists |
| | 0.0938 | 6191 Inquiry and Admissions Clerks |
| 5603 Telephonists | 1.0000 | 8113 Switchboard Operators |
| 5605 Messengers and Delivery Officers | 1.0000 | 8114 Messengers |
| 5901 Collection Clerks | 1.0000 | 6199 Other Intermediate Clerical Workers |
| 5903 Teachers' Aides | 1.0000 | 6311 Education Aides |
| 5905 Personnel Clerks | 1.0000 | 6193 Personnel Clerks |
| 5907 Legal and Related Clerks | 0.8867 | 5991 Advanced Legal and Related Clerks |
| | 0.1133 | 6199 Other Intermediate Clerical Workers |
| 5909 Postal Clerks and Officers | 0.5069 | 8112 Mail Sorting Clerks |
| | 0.4931 | 8211 Sales Assistants |
| 5999 Other Clerks | 0.1719 | 6194 Intermediate Inspectors and Examiners |
| | 0.5059 | 6199 Other Intermediate Clerical Workers |
| | 0.0297 | 8115 Betting Clerks |
| | 0.2925 | 8119 Other Elementary Clerks |
| 6 Salespersons and Personal Service Workers | | |
| 6101 Securities and Finance Dealers | 0.6698 | 3212 Financial Dealers and Brokers |
| | 0.3302 | 3213 Financial Investment Advisers |
| 6103 Insurance Brokers and Agents | 0.2562 | 3212 Financial Dealers and Brokers |
| | 0.7438 | 5993 Insurance Agents |
| 6105 Real Estate Salespersons and Property Managers | 1.0000 | 3293 Real Estate Associate Professionals |
| 6199 Other Investment, Insurance and Real Estate Salespersons | 0.8929 | 2295 Property Professionals |
| | 0.1071 | 3212 Financial Dealers and Brokers |
| 6201 Sales Representatives | 0.2171 | 2222 Technical Sales Representatives |
| | 0.7829 | 6211 Sales Representatives |
| 6301 Sales Assistants | 0.0447 | 6212 Motor Vehicle and Related Products Salespersons |
| | 0.0449 | 6213 Retail and Checkout Supervisors |
| | 0.9104 | 8211 Sales Assistants |
| 6401 Tellers | 1.0000 | 6143 Bank Workers |
| 6403 Cashiers | 0.0316 | 6213 Retail and Checkout Supervisors |
| | 0.9684 | 8291 Checkout Operators and Cashiers |
| 6405 Ticket Salespersons | 1.0000 | 8292 Ticket Salespersons |
| 6501 Street Vendors, Canvassers and Sales Drivers | 0.7414 | 8293 Street Vendors and Related Workers |
| | 0.2258 | 8294 Telemarketers |
| | 0.0328 | 8299 Other Elementary Sales Workers |
| 6503 Bar Attendants | 0.9000 | 6322 Bar Attendants |
| | 0.1000 | 6324 Hospitality Trainees |
| 6505 Waiters and Waitresses | 0.9000 | 6323 Waiters |
| | 0.1000 | 6324 Hospitality Trainees |
| 6507 Travel Agents | 1.0000 | 6397 Travel and Tourism Agents |
| 6599 Other Salespersons | 0.0386 | 5999 Other Miscellaneous Advanced Clerical and Service Workers |
| | 0.2919 | 8295 Sales Demonstrators and Models |
| | 0.4590 | 8296 Service Station Attendants |
| | 0.0600 | 8297 Sales and Service Trainees |
| | 0.1505 | 8299 Other Elementary Sales Workers |
| 6601 Child Care, Refuge and Related Workers | 0.1624 | 6311 Education Aides |
| | 0.4921 | 6312 Children's Care Workers |
| | 0.3455 | 6313 Special Care Workers |
| 6603 Enrolled Nurses | 0.9750 | 3411 Enrolled Nurses |
| | 0.0250 | 3493 Aboriginal and Torres Strait Islander Health Workers |
| 6605 Dental Nurses | 1.0000 | 6391 Dental Assistants |
| 6607 Home Companions and Aides | 0.5200 | 6312 Children's Care Workers |
| | 0.4800 | 6313 Special Care Workers |
| 6609 Travel Stewards | 1.0000 | 5996 Travel Attendants |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| ASCO First Edition | Employment ratio % | ASCO Second Edition |
|---|--------------------------|--|
| 6699 Other Personal Service Workers | 0.0654 | 3399 Other Managing Supervisors (sales and Service) |
| | 0.0504 | 3325 Caravan Park and Camping Ground Managers |
| | 0.0740 | 3494 Massage Therapists |
| | 0.0504 | 6313 Special Care Workers |
| | 0.1195 | 6394 Gaming Workers |
| | 0.4080 | 6395 Personal Care Consultants |
| | 0.0956 | 6397 Travel and Tourism Agents |
| | 0.0745 | 6399 Other Intermediate Service Workers |
| | 0.0622 | 8319 Other Elementary Service Workers |
| 7 Plant and Machine Operators, and Drivers | | |
| 7101 Bus and Tram Drivers | 1.0000 | 7312 Bus and Tram Drivers |
| 7103 Automobile Drivers | 1.0000 | 7313 Automobile Drivers |
| 7105 Truck Drivers | 0.7785 | 7311 Truck Drivers |
| | 0.2215 | 7314 Delivery Drivers |
| 7107 Locomotive Drivers | 1.0000 | 7315 Train Drivers and Assistants |
| 7201 Excavating and Earthmoving Plant Operators | 0.8072 | 7111 Mobile Construction Plant Operators |
| | 0.0149 | 7119 Other Mobile Plant Operators |
| | 0.1779 | 7911 Miners |
| 7203 Forklift and Related Drivers | 1.0000 | 7112 Forklift Drivers |
| 7205 Logging Plant Operators | 1.0000 | 7119 Other Mobile Plant Operators |
| 7207 Paving and Surfacing Plant Operators | 1.0000 | 7111 Mobile Construction Plant Operators |
| 7209 Agricultural Plant Operators | 1.0000 | 7119 Other Mobile Plant Operators |
| 7211 Fire Fighters | 1.0000 | 4985 Fire Fighters |
| 7299 Other Mobile Plant Operators (except Transport) | 1.0000 | 7119 Other Mobile Plant Operators |
| 7301 Power Generation Plant Operators | 1.0000 | 4988 Power Generation Plant Operators |
| 7303 Engine and Boiler Operators (except Power Generation) | 1.0000 | 7121 Engine and Boiler Operators |
| 7305 Chemical Plant Operators | 1.0000 | 4987 Chemical, Petroleum and Gas Plant Operators |
| 7307 Petroleum and Gas Plant Operators | 1.0000 | 4987 Chemical, Petroleum and Gas Plant Operators |
| 7309 Bulk Materials Handling Plant Operators | 0.9231 | 7112 Forklift Drivers |
| | 0.0769 | 7129 Other Intermediate Stationary Plant Operators |
| 7311 Crane Operators | 1.0000 | 7122 Crane, Hoist and Lift Operators |
| 7313 Hoist, Winch and Lift Operators | 1.0000 | 7122 Crane, Hoist and Lift Operators |
| 7315 Furnace and Kiln Operators | 1.0000 | 7123 Engineering Production Systems Workers |
| 7317 Drilling Plant Operators | 1.0000 | 4986 Drillers |
| 7399 Other Stationary Plant Operators | 0.2783 | 7123 Engineering Production Systems Workers |
| | 0.0139 | 7124 Pulp and Paper Mill Operators |
| | 0.7078 | 7129 Other Intermediate Stationary Plant Operators |
| 7401 Basic Metal Products Machine Operators | 1.0000 | 7123 Engineering Production Systems Workers |
| 7403 Metal Press Operators | 1.0000 | 7123 Engineering Production Systems Workers |
| 7405 Other Metal Products Machine Operators | 1.0000 | 7123 Engineering Production Systems Workers |
| 7407 Plastics Production Machine Operators | 1.0000 | 7291 Plastics Production Machine Operators |
| 7409 Rubber Production Machine Operators | 1.0000 | 7292 Rubber Production Machine Operators |
| 7411 Chemical Production Machine Operators | 1.0000 | 7293 Chemical Production Machine Operators |
| 7413 Wood Processing Machine Operators | 1.0000 | 7294 Wood Processing Machine Operators |
| 7415 Paper and Paper Products Machine Operators | 0.5840 | 7124 Pulp and Paper Mill Operators |
| | 0.4160 | 7295 Paper Products Machine Operators |
| 7417 Glass Production Machine Operators | 1.0000 | 7296 Glass Production Machine Operators |
| 7419 Clay and Stone Processing Machine Operators | 1.0000 | 7297 Clay, Stone and Concrete Processing Machine Operators |
| 7421 Yarn Production Machine Operators | 1.0000 | 7212 Textile and Footwear Production Machine Operators |
| 7423 Hide and Skin Processing Machine Operators | 1.0000 | 7212 Textile and Footwear Production Machine Operators |
| 7425 Fabric Production Machine Operators | 1.0000 | 7212 Textile and Footwear Production Machine Operators |
| 7427 Textile Sewing Machinists | 1.0000 | 7211 Sewing Machinists |
| 7429 Shoemaking Machine Operators | 1.0000 | 7212 Textile and Footwear Production Machine Operators |
| 7431 Food Processing Machine Operators | 1.0000 | 9214 Other Food Factory Hands |
| 7433 Packaging Machine Operators | 1.0000 | 9222 Packagers and Container Fillers |
| 7435 Photographic Products Machine Operators | 0.9939 | 7298 Photographic Developers and Printers |
| | 0.0061 | 7299 Other Intermediate Machine Operators |
| 7499 Other Machine Operators | 0.3098 | 4991 Defence Force Members Not Elsewhere Included |
| | 0.1459 | 7299 Other Intermediate Machine Operators |
| | 0.2018 | 7996 Printing Hands |
| | 0.3425 | 8315 Laundry Workers |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| ASCO First Edition | Employment ratio % | ASCO Second Edition |
|---|--------------------------|--|
| 8 Labourers and Related Workers | | |
| 8101 Trades Assistants | 0.0545 | 7996 Printing Hands |
| | 0.0195 | 8319 Other Elementary Service Workers |
| | 0.1191 | 9212 Product Assemblers |
| | 0.1195 | 9916 Construction and Plumber's Assistants |
| | 0.1240 | 9918 Electrical and Telecommunications Trades Assistants |
| | 0.1359 | 9933 Food Trades Assistants |
| | 0.4275 | 9999 Other Miscellaneous Labourers and Related Workers |
| 8103 Assemblers | 1.0000 | 9212 Product Assemblers |
| 8105 Hand Packers | 1.0000 | 9221 Hand Packers |
| 8107 Industrial Spray Painters | 1.0000 | 7299 Other Intermediate Machine Operators |
| 8109 Quality Controllers | 1.0000 | 7992 Product Quality Controllers |
| 8199 Other Trades Assistants and Factory Hands | 0.0057 | 4987 Chemical, Petroleum and Gas Plant Operators |
| | 0.0383 | 7996 Printing Hands |
| | 0.0814 | 9211 Engineering Production Process Workers |
| | 0.2732 | 9213 Meat and Fish Process Workers |
| | 0.0628 | 9214 Other Food Factory Hands |
| | 0.1121 | 9215 Wood Products Factory Hands |
| | 0.4064 | 9219 Other Process Workers |
| | 0.0201 | 9999 Other Miscellaneous Labourers and Related Workers |
| 8201 Farm Hands and Assistants | 0.0276 | 4611 Farm Overseers |
| | 0.9724 | 9921 Farm Hands |
| 8203 Forestry Labourers | 1.0000 | 7995 Forestry and Logging Workers |
| 8205 Nursery and Garden Labourers | 1.0000 | 9922 Nursery and Garden Labourers |
| 8299 Other Agricultural Labourers and Related Workers | 1.0000 | 9929 Other Agricultural and Horticultural Labourers |
| 8301 Cleaners | 1.0000 | 9111 Cleaners |
| 8401 Installation Workers | 1.0000 | 7914 Insulation and Home Improvements Installers |
| 8403 Concrete Workers | 1.0000 | 9917 Concreters |
| 8405 Structural Steel and Related Construction Labourers | 1.0000 | 7913 Structural Steel Construction Workers |
| 8407 Earthmoving Labourers | 1.0000 | 9912 Earthmoving Labourers |
| 8409 Paving and Surfacing Labourers | 1.0000 | 9913 Paving and Surfacing Labourers |
| 8411 Survey Hands | 1.0000 | 9914 Survey Hands |
| 8413 Railway Labourers | 1.0000 | 9915 Railway Labourers |
| 8415 Mining and Mineral Ore Treating Labourers | 0.4643 | 7911 Miners |
| | 0.5357 | 9911 Mining Support Workers and Driller's Assistants |
| 8499 Other Construction and Mining Labourers | 0.6950 | 9916 Construction and Plumber's Assistants |
| | 0.3050 | 9919 Other Mining, Construction and Related Labourers |
| 8901 Ushers and Door Attendants | 1.0000 | 8312 Ushers, Porters and Related Workers |
| 8903 Luggage Porters | 0.0839 | 6321 Hotel Service Supervisors |
| | 0.9161 | 8312 Ushers, Porters and Related Workers |
| 8905 Garbage Collectors | 1.0000 | 9991 Garbage Collectors |
| 8907 Storemen/women | 1.0000 | 7993 Storepersons |
| 8909 Freight and Furniture Handlers | 0.0103 | 7311 Truck Drivers |
| | 0.9897 | 9992 Freight and Furniture Handlers |
| 8911 Guards and Security Officers | 0.0018 | 3995 Senior Fire Fighters |
| | 0.0834 | 3999 Other Miscellaneous Associate Professionals |
| | 0.8499 | 8311 Guards and Security Officers |
| | 0.0649 | 8319 Other Elementary Service Workers |
| 8913 Caretakers | 1.0000 | 8314 Caretakers |
| 8915 Housekeepers | 0.4478 | 6321 Hotel Service Supervisors |
| | 0.3603 | 8313 Domestic Housekeepers |
| | 0.1919 | 9111 Cleaners |
| 8917 Laundry Workers | 1.0000 | 8315 Laundry Workers |
| 8919 Kitchenhands | 0.1000 | 4513 Cooks |
| | 0.7000 | 9931 Kitchenhands |
| | 0.2000 | 9932 Fast Food Cooks |
| 8921 Ward Helpers | 1.0000 | 6314 Personal Care and Nursing Assistants |
| 8923 Vehicle Accessories Fitters | 1.0000 | 7991 Motor Vehicle Parts and Accessories Fitters |
| 8925 Fishermen/women, Deckhands and Seamen/women | 1.0000 | 7994 Seafarers and Fishing Hands |

ASCO FIRST TO SECOND EDITION CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY OCCUPATION — *continued*

| <i>ASCO First Edition</i> | <i>Employment ratio %</i> | <i>ASCO Second Edition</i> |
|--|-----------------------------------|--|
| 8999 Other Labourers and Related Workers | 0.0069 | 3399 Other Managing Supervisors (sales and Service) |
| | 0.0112 | 6322 Bar Attendants |
| | 0.0515 | 6392 Veterinary Nurses |
| | 0.1231 | 6399 Other Intermediate Service Workers |
| | 0.0306 | 8299 Other Elementary Sales Workers |
| | 0.4399 | 8319 Other Elementary Service Workers |
| | 0.0008 | 9911 Mining Support Workers and Driller's Assistants |
| | 0.3149 | 9993 Handypersons |
| | 0.0211 | 9999 Other Miscellaneous Labourers and Related Workers |