

# GUIDE TO THE OCCUPATION MATRIX

## How do I use the Matrix?

Employment and training decisions should be made after consideration of all relevant issues, including aptitude, interests, expectations about pay and working conditions, training requirements and goals.

The Occupation Matrix includes summary statistical information for around 330 occupations, which can provide useful background, but it needs to be read in conjunction with other occupational resources.

Titles in the Occupation Matrix have been grouped into broad categories based on field of work to assist users to better explore the labour market. There are 21 groupings.

- Accounting, Banking and Financial Services
- Administration and Human Resources
- Advertising, Public Relations, Media and Arts
- Agriculture, Animal and Horticulture
- Automotive, Transport and Logistics
- Construction, Architecture and Design
- Education and Training
- Electrical and Electronics
- Engineers and Engineering Trades
- Executive and General Management
- Government, Defence and Protective Services
- Health and Community Services
- Hospitality, Food Services and Tourism
- Information and Communication Technology (ICT)
- Legal and Insurance
- Manufacturing
- Mining and Energy
- Personal Services
- Sales, Retail, Wholesale and Real Estate
- Science
- Sport and Recreation

Some titles appear in more than one category.

The relevant occupation major group is listed in brackets after each occupation title.

These refer to the groups on pages 26 to 31 of the Australian Jobs publication.

Key	Occupation
M	Managers
P	Professionals
TT	Technicians and Trades Workers
CP	Community and Personal Service Workers
CA	Clerical and Administrative Workers
SW	Sales Workers
MO	Machinery Operators and Drivers
L	Labourers

## Employment and Employment Change

The employment information gives the total number of people employed in the occupation at November 2018. It includes both full-time and part-time workers.

Employment change refers to the increase or decrease in employment, as well as the percentage change, over the five years to November 2018.

Data Source: ABS, Labour Force, Department of Jobs and Small Business trend

## Working Part-time

This column shows the proportion of workers in the occupation who work part-time. The information uses the ABS definition of part-time, which is working less than 35 hours per week.

Data Source: ABS, Labour Force, annual averages of original data

## Female

This shows the proportion of those employed in the occupation who are female.

Data Source: ABS, Labour Force, annual averages of original data

## Aged 15 to 24 years

This shows the proportion of those employed in the occupation who are aged 15 to 24 years.

Data Source: ABS, Labour Force, annual averages of original data

## Unemployment Rate

The unemployment rate is the number of unemployed persons as a percentage of the labour force (employed plus unemployed). The unemployment rate is presented in three categories: below average, average and above average. These categories are based on the occupation's average unemployment rate over 2018 relative to the average across all occupations. Occupational unemployment rates do not reflect underutilised skills (such as an Accountant working as an Accounting Clerk).

The occupational unemployment rate may be lower than the published national unemployment rate as it does not include job seekers who have never worked and those who have not worked full-time or part-time in the past two years.

An occupation may have a high unemployment rate but also be experiencing shortages for particular skills.

Data Source: ABS, Labour Force, annual averages of original data

## Median Earnings

Median weekly earnings are before tax and are for full-time workers. The median earnings ranges are for all ages and levels of experience. They are indicative only and should not be used to determine what a worker will actually earn. Data are not available for all occupations.

Key	Median Weekly Earnings
\$	< \$1,000
\$\$	\$1,000 to \$1,150
\$\$\$	\$1,151 to \$1,370
\$\$\$\$	\$1,371 to \$1,750
\$\$\$\$\$	> \$1,750

Data Source: ABS, Characteristics of Employment, 2018

## No Post-school Qualification

The figures are a percentage of those employed in the occupation who have not completed education other than pre-primary, primary or secondary education.

Data Source: ABS, Education and Work

## Projected Employment Change

This presents the percentage change in employment expected over the five years to May 2023.

A large percentage growth in a small occupation will yield fewer new jobs than low growth in large occupations.

- For example, 20% growth in an occupation that employs 300 people will create 60 new jobs. However, 5% growth in an occupation that employs 10,000 people will provide 500 new jobs.

These estimates do not provide any guidance about the number of job seekers in each occupation.

Although there may be a large number of new jobs, there may be strong applicant competition for available positions.

Data Source: Department of Employment, Occupation Employment Projections

ANZSCO Code (4-digit)	Occupation	Employ't Nov 2018	5 year change to Nov 2018	Working Part-time	Female	Aged 15 to 24 years	Unemploy't Rate 2018	Median Earnings	No Post-school Qual	Projected Employ't Change	
		'000	'000	%	%	%	%		%	%	
<b>Accounting, Banking and Financial Services</b>											
2211	Accountants (P)	188.4	18.7	11.0	20	53	8	Below Average	\$\$\$\$	-	4.0
5511	Accounting Clerks (CA)	131.7	-7.4	-5.3	35	79	7	Below Average	\$\$\$	38	-1.1
2212	Auditors and Company Secretaries (P)	19.4	1.5	8.5	12	41	4	Below Average	\$\$\$\$	15	10.1
5521	Bank Workers (CA)	53.5	0.8	1.5	26	64	12	Below Average	\$\$\$	41	-5.5
5512	Bookkeepers (CA)	100.9	-9.0	-8.2	67	91	3	Below Average	\$\$	34	2.1
5522	Credit and Loans Officers (CA)	30.0	2.7	9.9	15	55	10	Below Average	\$\$\$	24	9.1
5993	Debt Collectors (CA)	9.7	-1.0	-9.3	29	68	17	Below Average	\$\$\$	49	2.0
2243	Economists (P)	5.1	-0.1	-2.2	7	35	2	Below Average	\$\$\$\$\$	-	5.8
1322	Finance Managers (M)	57.7	10.6	22.5	12	42	1	Below Average	\$\$\$\$\$	14	8.3
2221	Financial Brokers (P)	30.6	6.4	26.6	17	36	3	Below Average	\$\$\$\$	20	19.7
2222	Financial Dealers (P)	18.8	2.1	12.7	16	21	7	Below Average	\$\$\$\$\$	22	1.6
2223	Financial Investment Advisers and Managers (P)	44.6	4.4	10.8	17	28	1	Below Average	\$\$\$\$\$	-	-1.0
5523	Insurance, Money Market and Statistical Clerks (CA)	27.6	-2.2	-7.3	22	67	9	Below Average	\$\$\$	38	-7.6
5513	Payroll Clerks (CA)	40.8	3.8	10.4	30	87	4	Below Average	\$\$\$	40	4.4
<b>Administration and Human Resources</b>											
2242	Archivists, Curators and Records Managers (P)	7.1	-1.4	-16.1	27	77	1	Below Average	\$\$\$\$	22	-4.0
1492	Call or Contact Centre and Customer Service Managers (M)	34.7	-2.6	-7.0	6	45	8	Below Average	\$\$\$\$	30	-1.4
5411	Call or Contact Centre Workers (CA)	33.3	-1.5	-4.4	30	62	19	Average	\$\$	48	5.1
5111	Contract, Program and Project Administrators (CA)	131.1	15.9	13.8	15	57	3	Below Average	\$\$\$\$	25	-14.5
1321	Corporate Services Managers (M)	14.3	5.5	62.0	21	64	0	Below Average	\$\$\$\$\$	40	5.7
5613	Filing and Registry Clerks (CA)	22.3	3.5	18.6	41	78	19	Below Average	\$\$	53	0.5
5311	General Clerks (CA)	281.8	55.9	24.7	41	84	11	Below Average	\$\$	43	4.9
1323	Human Resource Managers (M)	55.9	8.1	16.9	13	59	1	Average	\$\$\$\$\$	-	12.8
2231	Human Resource Professionals (P)	69.6	9.0	14.9	17	70	9	Average	\$\$\$\$	23	10.8
5412	Information Officers (CA)	86.9	17.4	25.1	36	73	15	Average	\$\$	40	-6.6
5321	Keyboard Operators (CA)	62.5	-5.4	-8.0	41	83	13	Below Average	\$\$	39	-1.6
5614	Mail Sorters (CA)	12.0	-2.1	-15.0	32	57	10	Average	\$\$	48	-13.2
2247	Management and Organisation Analysts (P)	70.5	14.7	26.3	18	40	4	Below Average	\$\$\$\$	15	10.3
5121	Office Managers (CA)	150.7	26.5	21.3	31	81	4	Below Average	\$\$\$	36	-1.1
5211	Personal Assistants (CA)	48.9	-5.1	-9.5	24	98	7	Below Average	\$\$\$	39	-11.0
5421	Receptionists (CA)	179.6	6.8	3.9	54	94	21	Below Average	\$	49	4.7
5212	Secretaries (CA)	40.0	-22.6	-36.1	48	98	14	Below Average	\$\$	37	-32.5
5615	Survey Interviewers (CA)	3.4	-0.7	-17.8	69	75	12	Above Average	\$\$\$\$\$	71	1.1
5616	Switchboard Operators (CA)	3.0	-0.6	-17.3	41	92	8	Above Average	-	41	-17.6
<b>Advertising, Public Relations, Media and Arts</b>											
2111	Actors, Dancers and Other Entertainers (P)	9.3	4.0	75.3	64	60	42	Below Average	\$\$\$\$\$	74	8.2
2251	Advertising and Marketing Professionals (P)	74.0	26.7	56.4	22	63	9	Below Average	\$\$\$	14	12.5
1311	Advertising, Public Relations and Sales Managers (M)	141.2	6.0	4.5	11	42	3	Below Average	\$\$\$\$\$	21	9.8
2121	Artistic Directors, Media Producers & Presenters (P)	13.1	1.9	16.7	27	38	7	Average	\$\$\$\$	31	-12.2
2122	Authors, and Book and Script Editors (P)	7.3	0.8	11.5	37	52	2	Below Average	\$	-	14.8
2323	Fashion, Industrial and Jewellery Designers (P)	11.9	4.2	53.9	31	64	7	Below Average	\$\$\$\$	15	0.0
2123	Film, Television, Radio and Stage Directors (P)	14.8	3.1	26.3	19	30	13	Below Average	\$\$\$\$	28	11.8
3993	Gallery, Library and Museum Technicians (TT)	4.9	-2.3	-31.7	65	86	2	Average	\$\$\$	-	-3.5
2324	Graphic and Web Designers, and Illustrators (P)	62.8	8.6	15.8	26	54	11	Below Average	\$\$\$	-	12.6
3994	Jewellers (TT)	6.3	2.8	80.5	40	55	8	Below Average	\$\$	33	3.9
2124	Journalists and Other Writers (P)	22.2	1.6	7.8	25	63	5	Below Average	\$\$\$\$	-	1.6
6391	Models and Sales Demonstrators (SW)	13.5	3.9	40.5	87	84	21	Average	\$\$	59	0.0
2112	Music Professionals (P)	11.7	0.6	5.3	62	29	16	Average	-	27	-0.9
3995	Performing Arts Technicians (TT)	14.6	5.5	59.8	37	39	20	Average	\$	44	2.4
2113	Photographers (P)	14.7	2.3	18.8	47	50	7	Below Average	-	11	5.2
2253	Public Relations Professionals (P)	23.3	2.7	13.0	24	65	12	Below Average	\$\$\$\$	18	0.7
3996	Signwriters (TT)	9.5	2.2	30.9	8	8	15	Below Average	\$\$\$	-	-3.9
2114	Visual Arts and Crafts Professionals (P)	9.0	1.7	23.9	37	61	4	Average	-	38	4.1
<b>Agriculture, Animal and Horticulture</b>											
2341	Agricultural and Forestry Scientists (P)	10.0	0.7	7.7	9	21	6	Below Average	\$\$\$\$	17	12.4
3111	Agricultural Technicians (TT)	1.6	0.4	36.9	3	47	4	Below Average	\$\$\$	50	0.1
7211	Agricultural, Forestry and Horticultural Plant Operators (MO)	15.4	1.0	7.2	11	11	21	Below Average	\$\$	63	12.3
3611	Animal Attendants and Trainers (TT)	16.7	-0.2	-1.2	49	74	26	Below Average	\$\$	66	12.7
1211	Aquaculture Farmers (M)	1.8	-0.6	-23.6	28	17	7	Below Average	\$\$\$\$	-	-2.1
8411	Aquaculture Workers (L)	1.2	0.5	62.2	7	13	23	Below Average	\$\$	33	2.5
8412	Crop Farm Workers (L)	22.6	1.2	5.6	30	32	23	Above Average	\$	58	5.1
1212	Crop Farmers (M)	38.4	-9.2	-19.3	24	23	2	Below Average	\$\$\$	46	0.6
8992	Deck and Fishing Hands (L)	7.5	0.8	11.4	22	7	19	Above Average	\$\$\$\$	45	0.0
8413	Forestry and Logging Workers (L)	1.9	-0.5	-21.5	18	9	26	Above Average	\$\$\$\$	87	-0.4

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3622	Gardeners (TT)	69.4	4.3	6.6	31	11	16	Average	\$	31	13.9
8414	Garden and Nursery Labourers (L)	31.8	-1.7	-5.2	43	18	13	Average	\$	59	0.2
8415	Livestock Farm Workers (L)	38.5	10.6	38.1	41	36	33	Average	\$	53	-5.7
1213	Livestock Farmers (M)	80.8	10.1	14.3	25	30	3	Below Average	\$\$\$	48	-2.7
8416	Mixed Crop and Livestock Farm Workers (L)	4.4	1.8	72.3	32	31	13	Above Average	\$	71	-1.6
1214	Mixed Crop and Livestock Farmers (M)	33.3	8.5	34.1	15	20	2	Below Average	\$\$\$\$	44	-3.4
3624	Nurserypersons (TT)	3.2	-1.2	-26.7	39	48	15	Average	\$	50	4.8
3113	Primary Products Inspectors (TT)	4.2	1.9	79.7	6	29	10	Below Average	\$\$\$	-	1.5
3612	Shearers (TT)	2.9	-2.9	-49.5	2	1	11	Above Average	\$	54	8.9
2347	Veterinarians (P)	12.2	3.5	39.4	16	66	8	Below Average	\$\$\$\$	-	15.0
3613	Veterinary Nurses (TT)	10.7	0.7	7.1	45	91	24	Below Average	\$	21	9.3
<b>Automotive, Transport and Logistics</b>											
2311	Air Transport Professionals (P)	15.6	1.1	7.7	15	6	15	Below Average	\$\$\$\$	18	5.6
7311	Automobile Drivers (MO)	54.8	13.8	33.6	39	6	6	Below Average	\$	32	16.2
3211	Automotive Electricians (TT)	6.5	-2.6	-28.6	0	0	28	Average	\$	-	-0.9
7312	Bus and Coach Drivers (MO)	46.2	2.0	4.4	40	12	2	Below Average	\$\$\$	42	3.8
8111	Car Detailers (L)	16.9	-3.0	-14.9	41	11	26	Above Average	\$	56	-2.1
5612	Couriers and Postal Deliverers (CA)	44.5	5.7	14.6	25	14	5	Below Average	\$\$\$	64	1.0
7321	Delivery Drivers (MO)	60.9	17.9	41.6	47	11	24	Average	\$	55	9.5
7213	Forklift Drivers (MO)	68.4	14.3	26.4	8	3	12	Average	\$	63	6.4
8911	Freight and Furniture Handlers (L)	15.0	-0.3	-2.1	25	5	24	Above Average	\$	55	5.8
2312	Marine Transport Professionals (P)	8.9	-1.8	-16.4	7	7	2	Average	\$\$\$\$	-	3.4
3212	Motor Mechanics (TT)	108.5	15.6	16.8	7	1	23	Below Average	\$	22	-1.9
8994	Motor Vehicle Parts and Accessories Fitters (L)	9.8	-3.9	-28.2	5	6	17	Below Average	\$	62	-0.4
3241	Panelbeaters (TT)	13.7	-5.8	-29.7	6	1	12	Below Average	\$\$\$	22	0.0
5911	Purchasing and Supply Logistics Clerks (CA)	104.2	16.2	18.4	15	43	12	Below Average	\$	40	4.5
8216	Railway Track Workers (L)	3.2	-1.7	-35.4	5	0	7	Below Average	\$\$\$\$	-	10.1
8996	Recycling and Rubbish Collectors (L)	3.8	0.7	22.4	32	9	17	Above Average	\$\$\$\$	70	-10.4
1336	Supply, Distribution and Procurement Managers (M)	49.6	22.1	80.4	3	23	3	Below Average	\$\$\$\$	36	8.9
7313	Train and Tram Drivers (MO)	13.8	-1.1	-7.4	7	9	4	Below Average	\$\$\$\$	47	5.0
5912	Transport and Despatch Clerks (CA)	38.4	5.2	15.7	9	33	9	Below Average	\$\$\$	43	7.2
1494	Transport Services Managers (M)	17.9	2.2	14.3	8	15	0	Below Average	\$\$\$\$	36	4.6
7331	Truck Drivers (MO)	199.4	38.4	23.8	9	4	5	Below Average	\$\$\$	64	6.6
3242	Vehicle Body Builders and Trimmers (TT)	5.9	0.3	5.9	8	5	10	Below Average	\$\$\$	-	0.6
3243	Vehicle Painters (TT)	11.0	0.6	5.5	3	2	13	Below Average	\$\$\$	30	3.1
<b>Construction, Architecture and Design</b>											
2321	Architects and Landscape Architects (P)	31.9	12.1	61.2	15	37	4	Below Average	\$\$\$\$	-	7.4
3121	Architectural, Building & Surveying Technicians (TT)	76.9	18.9	32.5	10	14	7	Below Average	\$\$\$\$	15	1.6
3311	Bricklayers and Stonemasons (TT)	34.7	9.1	35.3	11	1	17	Below Average	\$	40	-2.4
8211	Building and Plumbing Labourers (L)	71.8	21.4	42.4	20	2	26	Above Average	\$\$\$	58	9.2
3941	Cabinetmakers (TT)	30.6	3.6	13.4	8	3	20	Below Average	\$\$\$	26	-0.1
3312	Carpenters and Joiners (TT)	134.6	4.7	3.6	9	1	30	Below Average	\$\$\$	31	5.3
3122	Civil Engineering Draftspersons and Technicians (TT)	5.9	-6.1	-50.9	8	5	19	Average	\$	28	3.0
2332	Civil Engineering Professionals (P)	50.3	6.3	14.4	11	14	11	Below Average	\$\$\$\$	-	13.5
8212	Concreters (L)	40.8	6.6	19.2	9	1	18	Average	\$\$\$	49	11.4
1331	Construction Managers (M)	104.5	26.7	34.3	10	7	5	Below Average	\$\$\$\$	14	13.3
7121	Crane, Hoist and Lift Operators (MO)	11.9	-3.1	-20.8	5	0	11	Average	\$\$\$\$	34	-15.0
7212	Earthmoving Plant Operators (MO)	50.6	-1.8	-3.4	5	3	8	Below Average	\$\$\$	62	0.5
8213	Fencers (L)	10.9	2.8	34.4	19	2	4	Average	\$\$\$\$	48	4.0
3321	Floor Finishers (TT)	8.6	-0.3	-3.0	22	4	21	Below Average	\$	70	5.1
3331	Glaziers (TT)	8.6	-0.9	-9.3	5	1	22	Below Average	\$	35	13.0
8214	Insulation and Home Improvement Installers (L)	17.9	1.1	6.8	19	1	10	Average	\$	51	8.1
2325	Interior Designers (P)	9.7	2.6	37.2	27	85	12	Average	\$\$\$	-	14.9
2245	Land Economists and Valuers (P)	12.2	1.6	15.0	13	17	2	Below Average	\$\$\$\$	-	5.8
3129	Other Building and Engineering Technicians (TT)	28.2	0.3	1.2	4	12	2	Below Average	\$\$\$\$	15	2.9
3322	Painting Trades Workers (TT)	56.7	12.4	28.1	14	4	12	Average	\$	38	5.4
8215	Paving and Surfacing Labourers (L)	9.3	0.1	0.9	8	3	20	Above Average	\$	76	1.4
3332	Plasterers (TT)	39.2	4.6	13.4	11	1	11	Average	\$	30	12.4
3341	Plumbers (TT)	87.7	8.9	11.3	7	1	25	Below Average	\$\$\$	22	11.4
3333	Roof Tilers (TT)	10.5	3.7	53.8	13	2	24	Below Average	\$	53	0.5
3126	Safety Inspectors (TT)	5.4	0.3	5.9	11	26	1	Above Average	\$\$\$\$	-	6.2
8217	Structural Steel Construction Workers (L)	27.7	6.7	31.8	6	3	13	Average	\$\$\$\$	63	14.2
2326	Urban and Regional Planners (P)	14.3	3.1	27.4	18	45	15	Below Average	\$\$\$\$	-	7.6
3334	Wall and Floor Tilers (TT)	21.3	6.9	47.6	17	3	11	Below Average	\$\$\$	50	0.0
<b>Education and Training</b>											
4512	Driving Instructors (CP)	5.0	-0.6	-10.1	59	18	0	Below Average	\$\$\$\$	52	6.8
2411	Early Childhood (Pre-primary School) Teachers (P)	38.0	14.0	58.2	43	99	11	Below Average	\$\$\$	-	22.0
2491	Education Advisers and Reviewers (P)	25.1	-	-	31	63	5	Above Average	\$\$\$\$	-	17.3
4221	Education Aides (CP)	102.1	20.9	25.7	75	87	11	Below Average	\$	23	20.8
2246	Librarians (P)	13.9	2.5	21.6	44	81	4	Below Average	\$\$\$\$	11	6.4
5997	Library Assistants (CA)	8.4	1.1	15.9	52	80	10	Below Average	\$	14	-4.4
2412	Primary School Teachers (P)	164.7	15.7	10.5	28	87	6	Below Average	\$\$\$\$	-	9.6
2492	Private Tutors and Teachers (P)	43.2	8.9	26.0	77	67	36	Below Average	\$\$\$	38	5.5
1343	School Principals (M)	27.0	7.9	41.2	3	53	0	Below Average	\$\$\$\$	-	7.4

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2414	Secondary School Teachers (P)	133.0	3.0	2.3	22	63	4	Below Average	\$\$\$\$\$	-	7.1
2415	Special Education Teachers (P)	23.2	6.0	34.7	40	91	3	Below Average	\$\$\$\$	12	4.9
2493	Teachers of English to Speakers of Other Languages (P)	4.7	0.5	11.0	56	76	10	Below Average	\$\$\$\$	-	-7.4
2233	Training and Development Professionals (P)	25.6	0.7	2.9	18	58	3	Below Average	\$\$\$\$	14	-5.9
2421	University Lecturers and Tutors (P)	49.2	0.8	1.6	34	50	6	Average	\$\$\$\$\$	-	8.3
2422	Vocational Education Teachers (P)	29.1	-8.0	-21.5	33	52	1	Average	\$\$\$\$	-	-15.3
<b>Electrical and Electronics</b>											
3421	Airconditioning and Refrigeration Mechanics (TT)	21.2	-3.5	-14.2	8	2	20	Below Average	\$\$\$	35	2.4
3422	Electrical Distribution Trades Workers (TT)	10.4	0.9	9.4	1	2	9	Below Average	\$\$\$\$	13	-10.2
3123	Electrical Engineering Draftspersons and Technicians (TT)	8.9	-0.1	-1.5	5	15	5	Below Average	\$\$\$\$\$	-	9.0
2333	Electrical Engineers (P)	19.9	-2.2	-10.0	5	5	9	Below Average	\$\$\$\$\$	-	-2.6
3411	Electricians (TT)	145.0	7.1	5.1	8	1	20	Below Average	\$\$\$\$	18	4.5
3124	Electronic Engineering Draftspersons and Technicians (TT)	7.4	1.9	34.0	8	9	3	Below Average	\$\$\$\$	-	-8.1
2334	Electronics Engineers (P)	5.3	-3.0	-36.0	6	6	9	Below Average	\$\$\$\$\$	-	-5.0
3423	Electronics Trades Workers (TT)	26.2	-5.1	-16.2	11	2	8	Average	\$\$\$	27	-5.2
<b>Engineers and Engineering Trades</b>											
3231	Aircraft Maintenance Engineers (TT)	11.7	0.9	8.6	4	2	8	Below Average	\$\$\$	15	1.0
2331	Chemical and Materials Engineers (P)	7.4	3.4	84.0	12	18	9	Average	\$\$\$\$\$	-	11.0
2332	Civil Engineering Professionals (P)	50.3	6.3	14.4	11	14	11	Below Average	\$\$\$\$\$	-	13.5
2333	Electrical Engineers (P)	19.9	-2.2	-10.0	5	5	9	Below Average	\$\$\$\$\$	-	-2.6
2334	Electronics Engineers (P)	5.3	-3.0	-36.0	6	6	9	Below Average	\$\$\$\$\$	-	-5.0
1332	Engineering Managers (M)	21.9	1.9	9.6	6	12	3	Below Average	\$\$\$\$\$	-	15.2
2335	Industrial, Mechanical and Production Engineers (P)	30.4	-2.6	-7.9	6	12	6	Below Average	\$\$\$\$\$	-	-7.2
3125	Mechanical Engineering Draftspersons and Technicians (TT)	5.2	-1.2	-18.5	11	2	0	Below Average	\$\$\$\$\$	23	-7.2
3221	Metal Casting, Forging and Finishing Trades Workers (TT)	3.2	0.3	9.9	21	6	8	Below Average	\$	25	0.0
3232	Metal Fitters and Machinists (TT)	107.7	-9.8	-8.3	4	1	15	Below Average	\$\$\$\$	12	2.1
2336	Mining Engineers (P)	9.2	-2.0	-17.9	6	17	9	Below Average	\$\$\$\$\$	-	-5.7
3233	Precision Metal Trades Workers (TT)	9.3	1.6	20.6	26	3	9	Below Average	\$	26	-6.2
3222	Sheetmetal Trades Workers (TT)	8.4	-1.1	-11.6	5	0	27	Average	\$\$\$	18	4.7
3223	Structural Steel and Welding Trades Workers (TT)	72.1	-5.8	-7.5	3	1	15	Below Average	\$\$\$\$	23	4.8
2633	Telecommunications Engineering Professionals (P)	13.2	4.7	56.0	7	12	3	Below Average	\$\$\$\$	-	19.5
3234	Toolmakers and Engineering Patternmakers (TT)	4.4	-1.0	-19.2	0	0	2	Below Average	\$\$\$	-	-2.8
<b>Executive and General Management</b>											
1111	Chief Executives and Managing Directors (M)	66.7	8.8	15.3	13	26	1	Below Average	\$\$\$\$\$	23	9.2
1112	General Managers (M)	52.0	-5.5	-9.6	11	35	1	Below Average	\$\$\$\$\$	23	-2.4
1324	Policy and Planning Managers (M)	26.0	3.1	13.4	16	54	1	Below Average	\$\$\$\$\$	-	2.5
1325	Research and Development Managers (M)	12.7	1.4	12.0	10	53	2	Below Average	\$\$\$\$\$	-	18.2
<b>Government, Defence and Protective Services</b>											
1391	Commissioned Officers (Management) (M)	2.0	-0.1	-2.7	-	-	-	Below Average	\$\$\$\$\$	-	6.7
4412	Fire and Emergency Workers (CP)	16.9	1.0	6.2	3	10	5	Below Average	\$\$\$\$	25	6.4
5995	Inspectors and Regulatory Officers (CA)	29.0	-4.0	-12.2	15	50	1	Below Average	\$\$\$\$	27	1.1
2244	Intelligence and Policy Analysts (P)	28.2	10.7	61.1	19	60	3	Below Average	\$\$\$\$\$	-	36.3
4413	Police (CP)	63.5	5.7	9.8	6	24	6	Below Average	\$\$\$\$	20	8.3
4421	Prison Officers (CP)	17.9	0.9	5.6	5	24	1	Below Average	\$\$\$\$	15	8.5
4422	Security Officers and Guards (CP)	54.8	-1.5	-2.7	27	18	15	Average	\$\$\$	38	9.9
<b>Health and Community Services</b>											
4231	Aged and Disabled Carers (CP)	175.9	47.2	36.6	63	80	10	Below Average	\$\$	18	39.3
4111	Ambulance Officers and Paramedics (CP)	16.8	3.8	29.6	6	40	5	Below Average	\$\$\$\$\$	-	19.9
2532	Anaesthetists (P)	5.4	2.8	104.9	12	26	1	Below Average	\$\$\$\$\$	-	16.6
1341	Child Care Centre Managers (M)	15.6	1.1	7.7	34	89	3	Below Average	\$\$\$	-	20.9
4211	Child Carers (CP)	143.9	14.6	11.3	54	96	25	Average	\$	18	17.6
2521	Chiropractors and Osteopaths (P)	3.6	-1.0	-22.7	58	52	0	Below Average	\$	-	18.6
2721	Counsellors (P)	24.6	4.9	24.6	53	73	3	Below Average	\$\$\$	-	17.8
4232	Dental Assistants (CP)	25.3	5.7	29.1	45	98	24	Average	\$	24	6.6
4112	Dental Hygienists, Technicians and Therapists (CP)	6.6	-1.0	-13.7	32	66	5	Below Average	\$\$\$	-	2.7
2523	Dental Practitioners (P)	15.1	1.5	11.2	26	44	1	Below Average	\$\$\$\$\$	-	16.7
4114	Enrolled and Mothercraft Nurses (CP)	29.0	7.1	32.4	61	89	7	Below Average	\$\$\$	-	7.6
2531	Generalist Medical Practitioners (P)	69.2	12.7	22.5	24	48	2	Below Average	\$\$\$\$\$	-	12.2
1342	Health and Welfare Services Managers (M)	28.2	8.2	40.9	15	69	1	Below Average	\$\$\$\$	26	21.8
4116	Massage Therapists (CP)	17.1	4.0	30.0	69	82	6	Below Average	-	31	20.2
2512	Medical Imaging Professionals (P)	23.0	7.9	52.5	32	67	7	Below Average	\$\$\$\$\$	-	11.3
3112	Medical Technicians (TT)	35.3	4.3	13.9	38	70	8	Below Average	\$\$	24	0.6
2541	Midwives (P)	18.5	3.3	21.5	58	98	5	Below Average	\$\$\$\$	-	16.6
2722	Ministers of Religion (P)	19.2	0.5	2.8	38	27	1	Below Average	\$	-	3.1
2542	Nurse Educators and Researchers (P)	6.6	0.4	6.7	36	92	0	Below Average	\$\$\$\$\$	-	16.9
2543	Nurse Managers (P)	15.5	1.3	9.1	23	78	1	Below Average	\$\$\$\$\$	-	19.0
4233	Nursing Support and Personal Care Workers (CP)	98.9	8.0	8.8	53	78	14	Below Average	\$\$	20	11.6
2511	Nutrition Professionals (P)	7.0	0.4	6.7	49	93	10	Below Average	\$\$	-	17.6
2513	Occupational & Environmental Health Professionals (P)	30.2	5.2	21.0	12	43	3	Average	\$\$\$\$\$	10	9.2
2524	Occupational Therapists (P)	18.5	5.6	43.8	34	86	8	Below Average	\$\$\$\$	-	14.6
2514	Optometrists and Orthoptists (P)	6.9	2.6	61.8	33	69	9	Below Average	\$\$\$\$	-	9.7
4515	Personal Care Consultants (CP)	6.9	2.0	40.7	75	85	3	Below Average	-	75	14.4
2515	Pharmacists (P)	32.0	12.1	61.0	35	66	11	Below Average	\$\$\$\$	-	7.5
2525	Physiotherapists (P)	23.7	4.4	22.5	34	67	12	Below Average	\$\$\$\$	-	24.9

ANZSCO Code (4-digit)	Occupation	Employ't Nov 2018	5 year change to Nov 2018	Working Part-time	Female	Aged 15 to 24 years	Unemploy't Rate 2018	Median Earnings	No Post-school Qual	Projected Employ't Change	
2526	Podiatrists (P)	3.6	-0.7	-16.7	43	71	4	Below Average	\$\$\$\$	-	17.2
5122	Practice Managers (CA)	22.8	5.7	33.2	39	89	4	Below Average	\$\$\$	28	10.3
2534	Psychiatrists (P)	4.8	2.7	128.8	15	39	0	Below Average	\$\$\$\$\$	-	-0.1
2723	Psychologists (P)	33.4	10.8	47.7	45	84	3	Below Average	\$\$\$\$	-	30.2
2544	Registered Nurses (P)	278.9	42.6	18.1	46	88	8	Below Average	\$\$\$\$	-	18.4
2724	Social Professionals (P)	14.2	3.0	26.3	66	60	6	Below Average	\$\$\$\$	-	3.1
2725	Social Workers (P)	37.7	11.0	41.2	29	84	2	Below Average	\$\$\$\$	-	8.0
2533	Specialist Physicians (P)	9.7	2.5	34.9	23	36	0	Below Average	\$\$\$\$\$	-	7.6
2527	Speech Pathologists and Audiologists (P)	11.2	1.8	18.6	28	93	19	Below Average	\$\$\$	-	38.3
2535	Surgeons (P)	5.6	-0.8	-12.2	7	13	1	Below Average	\$\$\$\$\$	-	2.0
4117	Welfare Support Workers (CP)	59.5	5.5	10.2	29	74	5	Below Average	\$\$\$	17	11.7
2726	Welfare, Recreation and Community Arts Workers (P)	29.2	8.9	43.8	31	77	8	Average	\$\$\$	21	30.4
<b>Hospitality, Food Services and Tourism</b>											
3511	Bakers and Pastrycooks (TT)	35.1	14.7	72.3	24	37	18	Below Average	\$\$	39	12.6
4311	Bar Attendants and Baristas (CP)	105.5	16.5	18.6	65	61	51	Average	\$	61	13.4
3512	Butchers and Smallgoods Makers (TT)	17.7	-3.2	-15.2	14	7	17	Below Average	\$\$	20	4.8
1411	Cafe and Restaurant Managers (M)	65.5	4.4	7.2	18	49	8	Average	\$\$	26	13.9
4312	Cafe Workers (CP)	27.6	5.4	24.5	80	85	51	Average	\$	58	10.6
1412	Caravan Park and Camping Ground Managers (M)	6.4	0.9	16.1	20	51	0	Below Average	-	-	-0.2
3513	Chefs (TT)	103.8	24.2	30.4	25	26	14	Average	\$\$	23	16.7
1493	Conference and Event Organisers (M)	37.6	13.7	57.2	24	65	15	Below Average	\$\$\$	18	12.6
3514	Cooks (TT)	41.5	6.1	17.4	51	55	27	Average	\$	34	13.6
8511	Fast Food Cooks (L)	46.9	10.4	28.4	85	32	78	Average	\$	71	10.6
8512	Food Trades Assistants (L)	4.6	-1.0	-17.5	68	49	48	Average	\$	100	0.0
4514	Gallery, Museum and Tour Guides (CP)	8.5	3.7	77.7	61	58	11	Below Average	\$	46	19.1
4313	Gaming Workers (CP)	4.9	-2.5	-33.9	46	41	41	Above Average	\$\$	44	-5.2
1413	Hotel and Motel Managers (M)	25.6	4.3	20.2	10	44	6	Below Average	\$\$\$	38	1.7
4314	Hotel Service Managers (CP)	8.1	1.1	15.3	35	50	19	Below Average	\$\$	57	3.1
8513	Kitchenhands (L)	136.1	11.9	9.5	80	52	50	Above Average	\$	67	11.7
1414	Licensed Club Managers (M)	4.7	-0.6	-12.0	18	43	4	Below Average	\$\$\$	53	0.0
4516	Tourism and Travel Advisers (CP)	18.9	-5.3	-22.0	28	82	18	Average	\$	29	5.3
4517	Travel Attendants (CP)	8.6	-2.1	-19.5	36	73	11	Below Average	\$\$\$	26	6.8
4315	Waiters (CP)	129.5	16.6	14.7	82	76	66	Above Average	\$	68	15.8
<b>Information and Communication Technology (ICT)</b>											
2631	Computer Network Professionals (P)	37.7	13.8	57.8	4	14	5	Below Average	\$\$\$\$\$	16	11.6
2621	Database and Systems Administrators, and ICT Security Specialists (P)	46.9	6.8	16.9	10	22	4	Below Average	\$\$\$\$	21	7.6
2324	Graphic and Web Designers, and Illustrators (P)	62.8	8.6	15.8	26	54	11	Below Average	\$\$\$	-	12.6
2611	ICT Business and Systems Analysts (P)	30.9	2.1	7.4	7	30	4	Below Average	\$\$\$\$\$	15	9.5
1351	ICT Managers (M)	51.6	3.8	7.9	4	23	0	Below Average	\$\$\$\$\$	-	13.9
2252	ICT Sales Professionals (P)	15.5	0.2	1.0	7	27	5	Average	\$\$\$\$\$	14	-1.1
2632	ICT Support and Test Engineers (P)	12.3	6.2	100.5	10	15	4	Below Average	\$\$\$\$	22	18.4
3131	ICT Support Technicians (TT)	69.8	15.5	28.5	9	21	10	Below Average	\$\$\$\$	21	18.5
2232	ICT Trainers (P)	3.9	0.9	30.3	16	38	6	Below Average	\$\$\$\$\$	-	-9.4
2612	Multimedia Specialists and Web Developers (P)	11.3	-	-	12	11	9	Below Average	\$\$\$\$	-	20.5
2613	Software and Applications Programmers (P)	123.2	37.9	44.4	8	16	6	Below Average	\$\$\$\$\$	11	21.0
3424	Telecommunications Trades Workers (TT)	27.7	7.5	36.9	10	5	12	Below Average	\$\$\$\$	34	-8.0
<b>Legal and Insurance</b>											
2241	Actuaries, Mathematicians and Statisticians (P)	9.1	2.6	40.2	25	52	8	Below Average	\$\$\$\$\$	-	7.8
2711	Barristers (P)	10.2	3.5	52.5	9	38	2	Below Average	\$\$\$\$\$	-	15.0
5991	Conveyancers and Legal Executives (CA)	16.3	5.9	56.8	36	88	25	Below Average	\$\$\$	43	7.6
5992	Court and Legal Clerks (CA)	20.3	7.7	61.6	29	74	24	Below Average	\$\$	49	8.5
6112	Insurance Agents (SW)	9.7	-5.0	-34.0	12	53	5	Average	\$\$\$\$	26	1.7
5996	Insurance Investigators, Loss Adjusters and Risk Surveyors (CA)	5.6	-0.8	-12.6	9	28	6	Average	\$\$\$\$	34	3.2
2713	Solicitors (P)	65.5	-6.5	-9.0	13	53	4	Below Average	\$\$\$\$\$	-	-1.6
<b>Manufacturing</b>											
3991	Boat Builders and Shipwrights (TT)	2.8	-2.0	-42.1	18	0	28	Below Average	\$\$\$	33	0.8
3931	Canvas and Leather Goods Makers (TT)	3.2	0.8	32.9	24	19	8	Below Average	\$	28	-6.2
7111	Clay, Concrete, Glass & Stone Processing Machine Operators (MO)	4.3	0.8	21.4	16	5	9	Below Average	\$\$\$\$	-	15.2
3932	Clothing Trades Workers (TT)	7.0	-0.6	-8.4	53	85	0	Below Average	-	35	-6.2
7123	Engineering Production Workers (MO)	15.3	-6.9	-31.0	4	5	7	Below Average	\$\$\$	40	-23.9
8311	Food and Drink Factory Workers (L)	38.9	9.6	32.7	20	29	10	Average	\$\$	52	10.1
7112	Industrial Spraypainters (MO)	7.4	2.0	37.1	8	0	18	Above Average	\$\$\$	29	-3.9
1334	Manufacturers (M)	28.8	9.8	51.7	17	19	8	Below Average	\$\$\$\$	39	7.4
8312	Meat Boners and Slicers, and Slaughterers (L)	12.1	3.9	47.2	7	13	25	Average	\$	81	0.9
8313	Meat, Poultry and Seafood Process Workers (L)	20.6	7.4	55.4	13	28	23	Average	\$	74	1.0
8391	Metal Engineering Process Workers (L)	12.2	-3.6	-22.7	10	2	26	Above Average	\$\$	61	-14.6
8321	Packers (L)	67.6	12.9	23.6	40	56	25	Above Average	\$	72	1.6
7113	Paper and Wood Processing Machine Operators (MO)	6.0	-1.5	-19.5	4	7	11	Above Average	\$\$\$	35	-8.5
8392	Plastics and Rubber Factory Workers (L)	4.0	0.8	24.8	14	7	34	Above Average	\$	38	-13.5
7115	Plastics and Rubber Production Machine Operators (MO)	7.3	-2.4	-24.9	7	6	10	Below Average	\$	58	-15.2
3921	Print Finishers and Screen Printers (TT)	2.7	-1.7	-38.0	32	31	5	Below Average	\$\$	50	-13.3
3923	Printers (TT)	12.4	-4.3	-25.7	12	16	9	Below Average	\$\$\$	41	-7.7
8995	Printing Assistants and Table Workers (L)	3.3	-1.2	-27.0	16	48	8	Above Average	\$	46	-10.4
8322	Product Assemblers (L)	28.2	-	-	16	24	8	Above Average	\$\$	60	6.3

ANZSCO Code (4-digit)	Occupation	Employ't Nov 2018	5 year change to Nov 2018	Working Part-time	Female	Aged 15 to 24 years	Unemploy't Rate 2018	Median Earnings	No Post-school Qual	Projected Employ't Change	
8393	Product Quality Controllers (L)	12.2	-1.3	-9.5	15	52	4	Average	\$\$\$	56	-2.9
1335	Production Managers (M)	55.4	0.1	0.2	5	15	2	Below Average	\$\$\$\$	28	5.6
7116	Sewing Machinists (MO)	8.8	-2.1	-19.1	38	84	2	Average	\$	66	-12.4
7117	Textile & Footwear Production Machine Operators (MO)	1.0	-0.6	-40.2	9	44	0	Above Average	\$\$	-	-7.7
8394	Timber and Wood Process Workers (L)	5.6	-0.1	-1.4	23	1	34	Above Average	\$	30	-11.7
3933	Upholsterers (TT)	0.8	-3.3	-79.7	8	22	0	Below Average	-	-	-11.7
3942	Wood Machinists and Other Wood Trades Workers (TT)	2.4	-3.1	-56.8	11	11	12	Below Average	\$\$	-	0.3
<b>Mining and Energy</b>											
3992	Chemical, Gas, Petroleum and Power Generation Plant Operators (TT)	8.3	-1.2	-12.1	1	3	2	Below Average	\$\$\$\$\$	22	0.0
7122	Drillers, Miners and Shot Firers (MO)	57.1	-1.9	-3.2	2	6	3	Below Average	\$\$\$\$\$	58	2.5
2344	Geologists and Geophysicists (P)	7.6	-3.9	-34.2	19	20	0	Below Average	\$\$\$\$\$	-	21.6
2336	Mining Engineers (P)	9.2	-2.0	-17.9	6	17	9	Below Average	\$\$\$\$\$	-	-5.7
<b>Personal Services</b>											
4511	Beauty Therapists (CP)	33.6	5.8	20.7	51	96	23	Below Average	\$	21	18.7
8111	Car Detailers (L)	16.9	-3.0	-14.9	41	11	26	Above Average	\$	56	-2.1
8991	Caretakers (L)	7.7	0.1	1.7	58	8	3	Below Average	\$\$	27	-2.7
8112	Commercial Cleaners (L)	156.5	3.2	2.1	65	62	12	Average	\$	60	3.7
8113	Domestic Cleaners (L)	33.5	3.8	12.9	81	79	9	Average	\$	58	5.2
4513	Funeral Workers (CP)	5.1	2.4	88.5	28	44	0	Below Average	\$\$	33	6.7
3622	Gardeners (TT)	69.4	4.3	6.6	31	11	16	Average	\$\$	31	13.9
3911	Hairdressers (TT)	60.5	5.8	10.7	51	82	18	Below Average	\$	15	3.3
8993	Handypersons (L)	40.9	-0.3	-0.8	48	5	4	Average	\$\$	55	9.5
8114	Housekeepers (L)	31.7	7.6	31.7	75	92	9	Below Average	\$	61	12.5
8115	Laundry Workers (L)	12.2	-2.1	-14.6	53	80	15	Average	\$	57	4.5
<b>Sales, Retail, Wholesale and Real Estate</b>											
1311	Advertising, Public Relations and Sales Managers (M)	141.2	6.0	4.5	11	42	3	Below Average	\$\$\$\$\$	21	9.8
6111	Auctioneers, and Stock and Station Agents (SW)	3.1	-	-	7	7	5	Below Average	\$\$\$	-	5.7
6311	Checkout Operators and Office Cashiers (SW)	145.1	2.9	2.1	84	73	61	Average	\$	70	0.5
3621	Florists (TT)	5.8	0.7	13.5	49	92	9	Below Average	\$	40	0.0
6212	ICT Sales Assistants (SW)	17.0	0.2	1.4	29	29	33	Average	\$\$	43	5.4
1333	Importers, Exporters and Wholesalers (M)	18.7	-1.7	-8.3	22	26	2	Below Average	\$\$\$\$\$	33	5.6
6391	Models and Sales Demonstrators (SW)	13.5	3.9	40.5	87	84	21	Average	\$\$	59	0.0
6213	Motor Vehicle and Vehicle Parts Salespersons (SW)	33.4	-2.1	-5.8	12	19	27	Below Average	\$	49	3.5
6214	Pharmacy Sales Assistants (SW)	37.2	-4.3	-10.4	77	88	46	Below Average	\$	57	2.4
6121	Real Estate Sales Agents (SW)	89.4	13.4	17.7	24	47	10	Below Average	\$\$\$	25	7.3
6392	Retail and Wool Buyers (SW)	6.6	1.8	37.1	11	58	10	Below Average	\$\$\$\$	62	10.8
1421	Retail Managers (M)	240.7	2.1	0.9	16	45	11	Below Average	\$\$	44	1.8
6215	Retail Supervisors (SW)	38.5	4.8	14.1	30	57	21	Below Average	\$\$	50	-0.8
6211	Sales Assistants (General) (SW)	529.7	8.1	1.6	73	68	51	Average	\$	66	1.4
6113	Sales Representatives (SW)	84.3	-13.4	-13.7	16	37	8	Below Average	\$\$\$	36	0.5
6216	Service Station Attendants (SW)	12.5	1.1	9.4	70	50	34	Above Average	\$	50	6.5
8912	Shelf Fillers (L)	64.7	-5.0	-7.2	78	39	46	Average	\$	67	8.6
7411	Storepersons (MO)	126.8	6.3	5.3	23	20	23	Average	\$\$	62	1.4
6217	Street Vendors and Related Salespersons (SW)	6.6	-	-	59	64	6	Above Average	\$\$\$\$\$	29	6.5
2254	Technical Sales Representatives (P)	33.4	4.5	15.7	10	30	4	Below Average	\$\$\$\$\$	23	-1.7
6393	Telemarketers (SW)	7.2	-3.6	-33.4	52	52	18	Above Average	\$	41	0.8
6394	Ticket Salespersons (SW)	16.7	3.9	30.9	54	71	34	Below Average	\$\$	34	6.7
8997	Vending Machine Attendants (L)	6.4	1.3	26.6	54	55	19	Below Average	\$	59	-4.0
<b>Science</b>											
2341	Agricultural and Forestry Scientists (P)	10.0	0.7	7.7	9	21	6	Below Average	\$\$\$\$	17	12.4
2342	Chemists, and Food and Wine Scientists (P)	9.2	0.6	7.5	14	48	10	Below Average	\$\$\$	25	6.3
2343	Environmental Scientists (P)	23.7	2.4	11.4	24	40	6	Below Average	\$\$\$\$	-	11.3
2344	Geologists and Geophysicists (P)	7.6	-3.9	-34.2	19	20	0	Below Average	\$\$\$\$\$	-	21.6
2345	Life Scientists (P)	8.3	1.0	13.1	20	42	2	Average	\$\$\$\$	-	6.3
2346	Medical Laboratory Scientists (P)	24.9	9.7	63.6	29	69	7	Below Average	\$\$\$\$	-	6.3
3114	Science Technicians (TT)	15.0	-1.1	-6.9	33	53	11	Below Average	\$\$\$	29	10.9
2322	Surveyors and Spatial Scientists (P)	12.2	-4.0	-24.4	14	13	10	Average	\$\$\$\$	13	-3.2
<b>Sports and Recreation</b>											
1491	Amusement, Fitness and Sports Centre Managers (M)	12.5	1.8	16.7	19	40	15	Below Average	\$\$\$	38	16.2
4521	Fitness Instructors (CP)	33.8	8.6	34.1	61	58	15	Below Average	\$\$\$	19	18.4
3623	Greenkeepers (TT)	16.7	1.9	13.0	21	2	21	Average	\$\$	50	9.5
4522	Outdoor Adventure Guides (CP)	6.7	-	-	24	47	35	Below Average	\$	49	26.5
4523	Sports Coaches, Instructors and Officials (CP)	48.3	6.3	15.0	79	52	54	Below Average	\$\$	55	20.1
4524	Sportspersons (CP)	11.1	2.4	27.0	60	31	70	Below Average	\$\$	75	17.7