List of ANZSCO Occupations in Statistical Services

Consultation round 1, 1 Feb 2023 - 28 Apr 2023

This is the list of ANZSCO Occupations in scope of the focus area 'Statistical services'.

The focus area broadly covers occupations that require specialised knowledge and skills to:

- understand and apply mathematical or statistical principles and techniques to inform and solve problems
- understand and apply analytical or scientific techniques for collecting, organising, and interpreting quantifiable data
- design methods to collect or gather data for statistical purposes
- interview people to collect data for statistical or market research purposes.
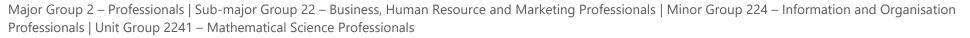
The comprehensive review includes occupations recently updated in 2021 and 2022 so that we can apply conceptual consistency across the classification.

Only occupations relevant to the focus area are included. These are listed by their current hierarchical categories in ANZSCO.

This information is from the latest version of ANZSCO, the Australian Update, 2022

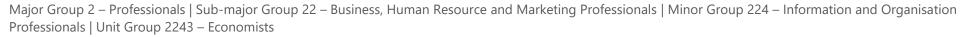Browse Classification | Australian Bureau of Statistics (abs.gov.au)

Australian and New Zealand Standard Classification of Occupations

Major Group 2 – Professionals | Sub-major Group 22 – Business, Human Resource and Marketing Professionals | Minor Group 224 – Information and Organisation Professionals | Unit Group 2241 – Mathematical Science Professionals

Code	Title	Skill Level	Specialisations	Description
224112	**Mathematician**	1	Operations Research Analyst	Develops and applies mathematical principles and techniques to solve problems in all areas of the sciences, engineering, technology, social sciences, business, industry and commerce.
224114	**Data Analyst**	1		Gathers, cleans and interprets data by processing and applying information technology tools to transform, prepare and communicate results using interactive visualisations such as graphs and charts.
224115	**Data Scientist**	1		Applies analytical techniques and scientific procedures to large datasets by creating advanced algorithms and data models. Builds and deploys machine learning frameworks to obtain information for strategic planning and decision making.
224116	**Statistician**	1	Biometrician Biostatistician Demographer Epidemiologist	Designs and applies statistical principles and techniques for collecting, organising and interpreting quantifiable data, and uses statistical methodologies to produce statistical reports and analyses for government, commercial and other purposes. Registration or licensing may be required.

Major Group 2 – Professionals | Sub-major Group 22 – Business, Human Resource and Marketing Professionals | Minor Group 224 – Information and Organisation Professionals | Unit Group 2243 – Economists

Code	Title	Skill Level	Specialisations	Description
224311	**Economist** Economic Analyst	1	Agricultural Economist Econometrician Economic Forecaster Environmental Economist Health Economist Labour Market Economist Mineral Economist Taxation Economist	Performs economic research and analysis, develops and applies theories about production and distribution of goods and services and people's spending and financial behaviour, and provides advice to governments and organisations on economic policy issues.

Major Group 5 – Clerical and Administrative Workers | Sub-major Group 56 – Clerical and Office Support Workers | Minor Group 561 – Clerical and Office Support Workers | Unit Group 5615 – Survey Interviewers

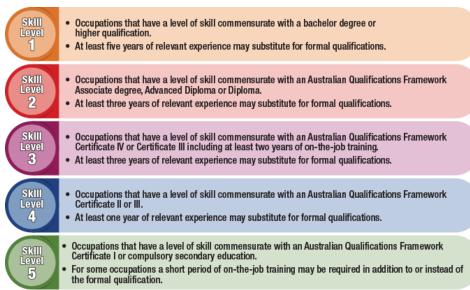| Code	Title	Skill Level	Specialisations	Description
561511	**Survey Interviewer** Interviewer	5	Market Research Interviewer	Interviews people and records their responses to survey and market research questions on a range of topics. May work in a call centre.

Figure 1. Structure of ANZSCO by skill level

Skill Level 1
- Occupations that have a level of skill commensurate with a bachelor degree or higher qualification.
- At least five years of relevant experience may substitute for formal qualifications.

Skill Level 2
- Occupations that have a level of skill commensurate with an Australian Qualifications Framework Associate degree, Advanced Diploma or Diploma.
- At least three years of relevant experience may substitute for formal qualifications.

Skill Level 3
- Occupations that have a level of skill commensurate with an Australian Qualifications Framework Certificate IV or Certificate III including at least two years of on-the-job training.
- At least three years of relevant experience may substitute for formal qualifications.

Skill Level 4
- Occupations that have a level of skill commensurate with an Australian Qualifications Framework Certificate II or III.
- At least one year of relevant experience may substitute for formal qualifications.

Skill Level 5
- Occupations that have a level of skill commensurate with an Australian Qualifications Framework Certificate I or compulsory secondary education.
- For some occupations a short period of on-the-job training may be required in addition to or instead of the formal qualification.