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CENSUS 81—EDUCATION QUALIFICATIONS

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SECTION 1

EXPLANATORY NOTES

Introduction

Question 20 in the 1981 Census of Population and Housing, asked of all persons 15 years of age and over, was designed to obtain information on the highest education qualification obtained since leaving school. This information paper briefly discusses the background to the question, explains the coding procedures used to produce statistics on education qualifications, and describes and contains the classifications within which the data are published.

The question

As well as obtaining information on the highest qualification obtained since leaving school, the question (shown below) sought details of the field of study and year in which the qualification was obtained.

<p>20. Has the person obtained a trade or any other qualification since leaving school?</p> <ul style="list-style-type: none"> • For persons who are full-time primary or secondary school students, tick box 2. <p>Examples of qualification names are: trade certificate, diploma in science, B.A. _____ →</p> <p>Examples of institutions are: Sydney Technical College, University of W.A. _____ →</p> <p>Examples of fields of study are: plumbing, computing, geography _____ →</p>	<p>No <input type="checkbox"/> 1</p> <p>Still at primary or secondary school <input type="checkbox"/> 2</p> <p>Yes <input type="checkbox"/> 3</p> <p style="text-align: center;">↓</p> <p>Please print details of highest qualification obtained.</p> <p>Qualification name.....</p> <p>Name of institution.....</p> <p>Field of study.....</p> <p>Year obtained.....</p>
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Prior to the 1966 census information on qualifications was obtained by a question directed to occupation and the qualifications used in that occupation. For 1966 and subsequent censuses the question on qualifications obtained was separated from the occupation question and now asks for highest qualification, whether used in employment or not.

Answers to the 1981 Census question were coded to a standard classification. The name of the awarding institution was obtained from respondents to provide assistance in the classification of qualifications reported.

Qualifications classification

Responses given in answer to question 20 are grouped into a classification based on the level of qualification obtained and the field of study within each level. The framework for the classification is the International Standard Classification of Education (ISCED), prepared by the United Nation's Education, Scientific and Cultural Organisation. The ISCED has been expanded and otherwise modified where necessary for the census to reflect more appropriately the Australian education situation. The full classification for education qualifications used in the 1981 Census appears in Section 2 of this paper.

Index of Qualifications

The main reference for the coding of qualifications is the Index of Qualifications. The Index contains: the names of all known qualifications currently obtainable in Australia at the time of the census; past qualifications no longer awarded but still reported; and a selection of the more commonly encountered overseas qualifications. Each qualification listed in the index is precoded to a category in the qualifications classification, so that the majority of reported qualifications can be classified by reference to the index.

For ease of coding, a number of commonly reported awards not suitable for inclusion in the classification are listed in the index and are allocated for census purposes to the category 'no qualifications'. There are, however, some cases where items reported as qualifications cannot be found in the Index. For the treatment of responses of this kind see 'Coding of qualifications' (below).

Coding of qualifications

Question 20 was only asked and processed for persons 15 years of age and over.

Where the answer to the question was incomplete (generally qualifications given but no box ticked) or incorrect (e.g. answered by persons less than 15 years old) census coding staff took appropriate amendment action.

Where two or more qualifications were stated in reply to question 20, the coder determined whether one, all or none of the stated qualifications could be allocated a code. If two or more qualifications could be allocated a code, then the highest level qualification was coded. If two or more of the stated qualifications were at the same level, then the field of study which has been assessed to be the more professional was coded. Where no such distinction could be drawn between two qualifications, the qualification first stated was coded.

If only the awarding institution was given in answer to question 20, the Index of Qualifications was referred to and a code allocated where possible; otherwise the field was coded to indicate the person had no qualifications (but stated qualifications), i.e. classification code 900 (see (i) below).

Classification codes

Valid qualifications are classified within the code range 001-737 (see below). Six levels of qualifications are identified in the classification of qualifications and, as far as practicable, the fields of study listed within each level are the same. Valid qualifications may be obtained at the following levels:

- (a) Higher degrees (classification code range 001-059) — conferred by a university or college of advanced education in recognition of studies at doctorate or master level e.g. Doctor of Philosophy (Ph.D), Degree of Master of Economics (M.Ec);
- (b) Graduate diploma (classification code range 101-171) — conferred by a university or college of advanced education following the equivalent of about one year of full-time study generally beyond the bachelor level but not reaching master level e.g. Graduate Diploma in Secretarial Studies (Grad. Dip. Sec. Stud.), Fellowship Diploma in Graphic Arts (Fellowship Dip. Graphic Arts);
- (c) Bachelor degree (classification code range 201-276) — conferred by a university or, in the case of any other institution, following a period of study which is recognised by the State accrediting authority as leading to a degree e.g. Degree of Bachelor of Arts (B.A.), Degree of Bachelor of Engineering (B.Eng);
- (d) Diploma (classification code range 301-373) — conferred by tertiary institutions and professional associations following substantial advanced study beyond matriculation e.g. Diploma of Journalism (Dip. Journ.), Diploma of Agricultural Science (Dip Ag. Sci.) Associate Diploma in Optometry (Assoc.Dip.Optom.);
- (e) Certificate — trade (classification code range 401-456) — formal recognition of competence in a skilled occupation which is usually obtained through an apprenticeship and may include post-trade study e.g. plumbing, fitting and turning, compositing, carpentry, hairdressing;
- (f) Certificate — other (classification code range 501-578) — certificates issued by colleges of technical and further education and business colleges in recognition of competence in a para-professional occupation or skilled occupation other than that ascribed to a trade.

The 1981 Census 'Certificate — trade' and 'Certificate — other' classifications are not comparable with the 1976 classifications of 'Technician' and 'Trade'. Some qualifications, included only at 'Certificate — trade' level in the 1981 Census classification, were listed for the 1976 classification in both technician and trade level. For example, in 1976 the qualification 'hairdressing' was allocated to the trade level, whilst 'hairdressing certificate' was allocated to technician level. In 1981, both of these qualifications were allocated to 'Certificate — trade' level. Full details of the differences between the 1976 and 1981 classifications are contained in microfiche number 4 of microfiche batch 81.901, Notes on validation tables (VT series), available from the Australian Bureau of Statistics (ABS). (See Appendix for list of addresses.)

Some qualifications cannot be classified to any of the above levels. For such cases, one of the following codes would be applicable:

- (g) Classification codes 601-737 indicate qualifications not able to be classified by level of study. The majority of such cases are of one of the following two kinds:
 - (i) The detail reported by the respondent is insufficient to enable the correct level to be determined, e.g. the reported qualification may be stated as 'Accountancy' which may be studied at several levels, namely diploma, bachelor degree or graduate diploma. In such cases, if additional information on the awarding institution is given, the field of study and year obtained are consulted in order to assess the level of the qualification. Where the level cannot be determined in this way, the qualification is coded to the awards in that field of study. If it is still not possible to assess the correct level, then one of the codes 601-737 is allocated, indicating that the stated qualifications were not able to be classified by level of study.

- (ii) The level of a reported qualification may be difficult to determine. This is particularly the case in respect of some overseas qualifications, certificates or diplomas from business colleges, correspondence schools etc., because successful completion of a course does not necessarily imply a level (as in the case of some business colleges) or because no information is available on the award reported (e.g. for overseas awarding bodies). Again, in such cases the appropriate code for field of study (not classifiable by level codes 601-737) is allocated.
- (h) Qualification classification code 899 indicates a response which inadequately described the qualification so that neither level nor field of study could be determined (e.g. illegibly written responses and abbreviations about which no information could be found).
- (i) Classification code 900 indicates an 'invalid' qualification. The majority of such invalid qualifications fall into one of the following four categories:
- (i) school examinations e.g. leaving certificate, matriculation, school certificate, intermediate certificate;
 - (ii) hobbies, sport and recreation awards e.g. pottery, life saving certificate;
 - (iii) some military and civil ranks (e.g. captain, supervisor), courtesy titles (e.g. Privy Counsellor, Lord), and honorary degrees, which are usually awarded in law or literature at the doctoral level e.g. Honorary Doctor of Laws;
 - (iv) studies for qualifications not completed e.g. a qualification name preceded (or followed) by terms such as apprentice, student, trainee, etc.
- (j) Qualification classification code 901 indicates no qualifications (so stated).
- (k) Qualification classification code 902 indicates a person still at school.
- (l) Qualification classification code 903 is a not stated code used in two situations: where the person was aged 15 or more but no answer was given to question 20 and where box 3 of question 20 was ticked (indicating that a qualification has been obtained since leaving school) but no other detail was given.
- (m) Qualification classification code 904 means 'not applicable' and is allocated where the respondent is aged less than 15 years.

Coding of year qualification obtained

The classification for the year in which the qualification was obtained is a list of one digit codes, as follows:

<i>Code</i>	<i>Descriptor</i>
0	Not applicable
1	Prior to 1962
2	1962-1966
3	1967-1971
4	1972-1976
5	1977
6	1978
7	1979
8	1980
9	1981
'A'	Not stated

Particular care must be taken when statistics on year of qualification obtained are used. The non-response rate to this part of the question was 6.0 per cent and answers, when given, were not edited. Some discrepancies are apparent when this item is analysed for younger people. In some other cases, persons are shown as having obtained qualifications before the implied year of their birth.

Data quality

Users of statistics relating to qualifications should be aware of the following:

- (a) not all persons accurately state their qualifications on the census schedule;
- (b) some persons tend to overstate their actual qualifications;

- (c) difficulty is often experienced in relating overseas qualifications, even when fully described, to the Australia oriented classification into which they are to be fitted;
- (d) numbers may be understated in the classification category 'graduate diploma' because insufficient information was provided by respondents to identify the post-graduate level, so that the qualifications may have been downgraded to the (non-graduate) diploma level.

Release of census data

Census 81 data are being released in statistical publications, on microfiche and on magnetic tape. Statistics on highest level of qualification obtained and field of study are included in all these forms of census dissemination.

The statistical publications which include census statistics on education qualifications are:

Bulletin 2: *Summary Characteristics of Persons and Dwellings* (2435.0-2443.0)

This publication is produced separately for each State, Territory and Australia and shows for 1976 and 1981 Censuses numbers of males, females and persons by levels of qualification and by field of study.

Bulletin 3: *Cross-classified Characteristics of Persons and Dwellings* (2444.0-2452.0)

In these publications (for States, Territories and Australia), highest level of qualification is cross-classified by birthplace, by income, by occupation, by age and by field of study in a series of two-way tables.

Further details of statistics contained in these publications appear in the free information paper: *Census 81 — Statistical Publications* (2144.0).

More detailed statistics on education qualifications are available on microfiche and magnetic tape and are listed in the *Catalogue of 1981 Census Tables — Edition 2* (2139.0).

Statistics on microfiche include: small area summary tables and counts for most geographic areas from census collection districts (CD's) up to Australia level; and cross-classified tables giving more detailed statistics on characteristics of persons and dwellings at broader geographic levels. All publications, CD field maps, and geographic code and conversion lists are also being published on microfiche. The information paper: *Census 81 — Microfiche* (2145.0), a free publication, gives detailed information about microfiche output.

Magnetic tape files contain large quantities of summary statistics and detailed tables. The 1981 Census magnetic tape files are:

- (a) Geographic Descriptor File;
- (b) Collection District Master File;
- (c) Collection District Summary File;
- (d) Local Government Area Summary File;
- (e) CD and LGA Summary Files Print Programs;
- (f) Household Sample File;
- (g) Persons Sample File;
- (h) Census Descriptor File; and
- (i) a number of detailed tables on magnetic tape, prefixed MT.

The free information papers: *Census 81 — Magnetic Tape Summary Files* (2143.0), *Census 81 — Sample Files on Magnetic Tape* (2165.0) and *Census 81 — Detailed Tables on Magnetic Tape* (2166.0) contain order forms for magnetic tapes and further information.

A number of census releases are being published which explain the outputs available and some of the more detailed characteristics.

The production programme planned from the 1981 Census is contained in *Census 81 — Data Release Plans* (2142.0) and its *Addendum* (a free publication).

The *Catalogue of 1981 Census Tables Edition 2* (2139.0) lists summary tables, cross-classified tables, statistical publication tables and detailed tables on magnetic tape.

Census data are also released on maps, which are described in the information paper: *Census 81 - Maps* (2146.0).

Other census (free) publications are listed below. Note that none of these contain statistics.

Making Sense of Census 81 (2140.0)

Census 81—Industry (2147.0)(a)

Census 81—Occupation (2148.0)(a)

Census 81—Dwelling, Household, Family (2150.0)

Census 81—Income (2151.0)(a)

Census 81—Language (2152.0)(a)

Census 81—Aboriginals and Torres Strait Islanders (2153.0)(a)

Census 81—Journey to Work (2154.0)

Census 81—Usual Residence and Internal Migration (2155.0)

Census 81—Effects of Introduced Random Error (2156.0)(a)

Geographic Code List (2141.0)(a)

(a) already available.

Further information

If you require further information about the census, please contact any of the ABS Offices listed in the Appendix.

SECTION 2

The classification of qualifications

(NEC = not elsewhere classified)

LEVEL AND FIELD OF QUALIFICATION (QAL)

This topic relates to persons 15 years of age and older.

HIGHER DEGREE LEVEL

MANAGEMENT, ADMINISTRATION & RELATED FIELDS

- 001 Management & Administration
- 002 Accounting & Auditing
- 003 Management & Administration NEC & not specified

NATURAL & MATHEMATICAL SCIENCES

NATURAL & APPLIED SCIENCES:

- 004 Physics
- 005 Chemistry
- 006 Geology & Related Sciences
- 007 Biology
- 008 Food Sciences & Technology
- 009 Natural & Applied Sciences NEC & not specified

MATHEMATICAL & COMPUTER SCIENCES:

- 010 Mathematics & Statistics
- 011 Computer Sciences
- 012 Mathematical & Computer Sciences NEC & not specified

ENGINEERING & TECHNOLOGY

- 013 Chemical Engineering
- 014 Civil Engineering
- 015 Electrical & Electronic Engineering
- 016 Mechanical & Agricultural Engineering
- 017 Mining & Metallurgical Engineering
- 018 Industrial & Production Engineering
- 019 Engineering & Technology NEC & not specified (including Engineering Drafting & Design)

ARCHITECTURE AND BUILDING

- 020 Architecture & Architectural Drafting
- 021 Building & Building Construction
- 022 Surveying and Survey Drafting
- 023 Architecture & Building NEC & not specified

SOCIAL SCIENCES

- 024 Psychology
- 025 Sociology & Anthropology
- 026 Welfare work, Social work & Child Care
- 027 Economics
- 028 Law & Jurisprudence
- 029 Librarianship
- 030 Urban & Regional Planning
- 031 Social Science NEC & not specified (incl Criminology, Recreation & Physical Education (teacher training not specified)).

HUMANITIES

- 032 Humanities

RELIGION & THEOLOGY

- 033 Religion & Theology

EDUCATION

- 034 Education

MEDICINE & HEALTH

MEDICINE:

- 035 Medicine - Australian qualification
- 036 Medicine - Overseas qualification
- 037 Surgery
- 038 Physician
- 039 Psychiatry
- 040 Obstetrics & Gynaecology
- 041 Ophthalmology
- 042 Pathology
- 043 Paediatrics
- 044 Medicine nec and not specified

DENTISTRY:

- 045 Dentistry - Australian qualification
- 046 Dentistry - Overseas qualification

PARAMEDICINE:

- 047 Pharmacy & Pharmacology
- 048 Optometry
- 049 Physiotherapy
- 050 Paramedicine NEC & not specified (including Orthoptics, Medical Record Librarianship, Chiropractics, Naturopathy & Osteopathy & Public Health)

VETERINARY SCIENCE

- 051 Veterinary Science

ARTISTIC, LITERARY & PERFORMING ARTS

- 052 Music
- 053 Artistic, Literary & Performing Arts NEC & not specified.

AGRICULTURE & FORESTRY

- 054 Forestry
- 055 Animal Husbandry
- 056 Wool Sciences
- 057 Agriculture NEC & not specified (including Green Keeping)

- 058 FIELD OF STUDY NEC

- 059 FIELD OF STUDY NOT SPECIFIED

GRADUATE DIPLOMA LEVEL

MANAGEMENT, ADMINISTRATION & RELATED FIELDS

- 101 Management & Administration
- 102 Accounting & Auditing
- 103 Secretarial, Typing & Shorthand
- 104 Management & Administration NEC & not specified

NATURAL & MATHEMATICAL SCIENCES

NATURAL & APPLIED SCIENCES:

- 105 Physics
- 106 Chemistry
- 107 Geology & Related Sciences
- 108 Biology
- 109 Food Sciences & Technology
- 110 Natural & Applied Sciences NEC & not specified

MATHEMATICAL & COMPUTER SCIENCES:

- 111 Mathematics & Statistics
- 112 Computer Sciences
- 113 Mathematical & Computer Sciences NEC & not specified

ENGINEERING & TECHNOLOGY

- 114 Chemical Engineering
- 115 Civil Engineering
- 116 Electrical & Electronic Engineering
- 117 Mechanical & Agricultural Engineering
- 118 Mining & Metallurgical Engineering
- 119 Industrial & Production engineering
- 120 Engineering & Technology NEC & not specified (including Engineering Drafting & Design)

ARCHITECTURE & BUILDING

- 121 Architecture & Architectural Drafting
- 122 Building & Building Construction
- 123 Surveying & Survey Drafting
- 124 Quantity Surveying
- 125 Architecture & Building NEC & not specified

SOCIAL SCIENCES

- 126 Psychology
- 127 Sociology & Anthropology
- 128 Welfare work, Social work & Child Care
- 129 Economics
- 130 Law & Jurisprudence
- 131 Librarianship
- 132 Urban & Regional Planning
- 133 Social Science NEC & not specified (incl Criminology, Recreation & Physical Education (teacher training not specified)).

HUMANITIES

- 134 Humanities

RELIGION & THEOLOGY

- 135 Religion & Theology

EDUCATION

TEACHER TRAINING:

- 136 Pre-primary & Early Childhood
- 137 Primary Education
- 138 Secondary Education
- 139 Special Education
- 140 Education Librarianship
- 141 Teacher Training NEC & not specified

EDUCATION (EXCLUDING TEACHER TRAINING):

- 142 Education NEC & not specified

MEDICINE & HEALTH

MEDICINE:

- 143 Surgery
- 144 Psychiatry
- 145 Obstetrics & Gynaecology
- 146 Anaesthetics
- 147 Ophthalmology
- 148 Pathology
- 149 Radiology
- 150 Dermatology
- 151 Medicine NEC & not specified

DENTISTRY:

- 152 Dentistry - Australian qualification
- 153 Dentistry - Overseas qualification

PARAMEDICINE:

- 154 Pharmacy & Pharmacology
- 155 Nutrition & Dietetics
- 156 Medical Technology (including Medical Laboratory Technician, Surgical & Orthopaedic Technician)
- 157 Occupational Therapy
- 158 Physiotherapy
- 159 Paramedicine NEC & not specified (including Orthoptics, Medical Record Librarianship, Chiropractics, Naturopathy & Osteopathy & Public Health)

VETERINARY SCIENCE

- 160 Veterinary Science

ARTISTIC, LITERARY & PERFORMING ARTS

- 161 Drawing, Painting, Sculpture, Pottery
- 162 Music
- 163 Artistic, Literary & Performing Arts NEC & not specified.

AGRICULTURE & FORESTRY

- 164 Forestry
- 165 Animal Husbandry
- 166 Wool Sciences
- 167 Horticulture
- 168 Agriculture NEC & not specified (including Green Keeping)

SERVICES

TRANSPORT & COMMUNICATION:

- 169 Transport & Communication
- 170 FIELD OF STUDY NEC
- 171 FIELD OF STUDY NOT SPECIFIED

BACHELOR DEGREE LEVEL

MANAGEMENT, ADMINISTRATION & RELATED FIELDS

- 201 Management & Administration
- 202 Accounting & Auditing
- 203 Secretarial, Typing & Shorthand
- 204 Management & Administration NEC & not specified

NATURAL & MATHEMATICAL SCIENCES

NATURAL & APPLIED SCIENCES:

- 205 Physics
- 206 Chemistry
- 207 Geology & Related Sciences
- 208 Biology
- 209 Food Sciences & Technology
- 210 Natural & Applied Sciences NEC & not specified

MATHEMATICAL & COMPUTER SCIENCES:

- 211 Mathematics & Statistics
- 212 Computer Sciences
- 213 Mathematical & Computer Sciences NEC & not specified

ENGINEERING & TECHNOLOGY

- 214 Chemical Engineering
- 215 Civil Engineering
- 216 Electrical & Electronic Engineering
- 217 Mechanical & Agricultural Engineering
- 218 Mining & Metallurgical Engineering
- 219 Industrial & Production engineering
- 220 Engineering & Technology NEC & not specified (including Engineering Drafting & Design)

ARCHITECTURE & BUILDING

- 221 Architecture & Architectural Drafting
- 222 Building & Building Construction
- 223 Surveying & Survey Drafting
- 224 Quantity Surveying
- 225 Architecture & Building NEC & not specified

SOCIAL SCIENCES

- 226 Psychology
- 227 Sociology & Anthropology
- 228 Welfare Work, Social Work & Child Care
- 229 Economics
- 230 Law & Jurisprudence
- 231 Librarianship
- 232 Urban & Regional Planning
- 233 Home Economics
- 234 Social Science NEC & not specified (including Criminology, Recreation & Physical Education (teacher training not specified)).

HUMANITIES

- 235 Humanities

RELIGION & THEOLOGY

- 236 Religion & Theology

EDUCATION

TEACHER TRAINING:

- 237 Pre-primary & Early Childhood
- 238 Primary Education
- 239 Secondary Education
- 240 Vocational & Technical Education
- 241 Special Education
- 242 Physical Education
- 243 Education Librarianship
- 244 Teacher Training NEC & not specified

EDUCATION (EXCLUDING TEACHER TRAINING):

- 245 Education NEC & not specified

MEDICINE & HEALTH

MEDICINE:

- 246 Medicine - Australian qualification
- 247 Medicine - Overseas qualification
- 248 Surgery
- 249 Obstetrics & Gynaecology
- 250 Pathology
- 251 Paediatrics
- 252 Medicine NEC & not specified

DENTISTRY:

- 253 Dentistry - Australian qualification
- 254 Dentistry - Overseas qualification

PARAMEDICINE:

- 255 Pharmacy & Pharmacology
- 256 Optometry
- 257 Nutrition & Dietetics
- 258 Medical Technology (including Medical Laboratory Technician, Surgical & Orthopaedic Technician)
- 259 Occupational Therapy
- 260 Physiotherapy
- 261 Speech Therapy
- 262 Nursing (including Post-basic Nursing Certificate)
- 263 Paramedicine NEC & not specified (including Orthoptics, Medical Record Librarianship, Chiropractics, Naturopathy & Osteopathy & Public Health)

VETERINARY SCIENCE

264 Veterinary Science

ARTISTIC, LITERARY & PERFORMING ARTS

265 Drawing, Painting, Sculpture, Pottery

266 Music

267 Artistic, Literary & Performing Arts NEC & not specified

AGRICULTURE & FORESTRY

268 Forestry

269 Animal Husbandry

270 Wool Sciences

271 Horticulture

272 Agriculture NEC & not specified (including Green Keeping)

SERVICES

TRANSPORT & COMMUNICATION:

273 Transport & Communication

MILITARY AND DEFENCE

274 Military and Defence

275 FIELD OF STUDY NEC

276 FIELD OF STUDY NOT SPECIFIED

DIPLOMA LEVEL

MANAGEMENT, ADMINISTRATION & RELATED FIELDS

301 Management & Administration

302 Accounting & Auditing

303 Secretarial, Typing & Shorthand

304 Management & Administration NEC & not specified

NATURAL & MATHEMATICAL SCIENCES

NATURAL & APPLIED SCIENCES:

305 Physics

306 Chemistry

307 Geology & Related Sciences

308 Biology

309 Food Sciences & Technology

310 Natural & Applied Sciences NEC & not specified

MATHEMATICAL & COMPUTER SCIENCES:

- 311 Mathematics & Statistics
- 312 Computer Sciences
- 313 Mathematical & Computer Sciences NEC & not specified

ENGINEERING & TECHNOLOGY

- 314 Chemical Engineering
- 315 Civil Engineering
- 316 Electrical & Electronic Engineering
- 317 Mechanical & Agricultural Engineering
- 318 Mining & Metallurgical Engineering
- 319 Industrial & Production Engineering
- 320 Engineering & Technology NEC & not specified (including Engineering Drafting & Design)

ARCHITECTURE AND BUILDING

- 321 Architecture & Architectural Drafting
- 322 Building & Building Construction
- 323 Surveying and Survey Drafting
- 324 Quantity Surveying
- 325 Architecture & Building NEC & not specified

SOCIAL SCIENCES

- 326 Psychology
- 327 Sociology & Anthropology
- 328 Welfare Work, Social Work & Child Care
- 329 Economics
- 330 Law & Jurisprudence
- 331 Librarianship
- 332 Urban & Regional Planning
- 333 Home Economics
- 334 Social Science NEC & not specified (including Criminology, Recreation & Physical Education (teacher training not specified)).

HUMANITIES

- 335 Humanities

RELIGION & THEOLOGY

- 336 Religion & Theology

EDUCATION

TEACHER TRAINING:

- 337 Pre-primary & Early Childhood
- 338 Primary Education
- 339 Secondary Education
- 340 Vocational & Technical Education
- 341 Special Education
- 342 Physical Education
- 343 Education Librarianship
- 344 Teacher Training NEC & not specified

EDUCATION (EXCLUDING TEACHER TRAINING):

- 345 Education NEC & not specified

MEDICINE & HEALTH

DENTISTRY:

- 346 Dentistry

PARAMEDICINE:

- 347 Pharmacy & Pharmacology
- 348 Optometry
- 349 Nutrition & Dietetics
- 350 Medical Technology (including Medical Laboratory Technician, Surgical & Orthopaedic Technician)
- 351 Medical Radiography
- 352 Occupational Therapy
- 353 Physiotherapy
- 354 Speech Therapy
- 355 Chiropody
- 356 Nursing (including Post-basic Nursing Certificate)
- 357 Paramedicine NEC & not specified (including Orthoptics, Medical Record Librarianship, Chiropractics, Naturopathy & Osteopathy & Public Health)

ARTISTIC, LITERARY & PERFORMING ARTS

- 358 Drawing, Painting, Sculpture, Pottery
- 359 Photography
- 360 Music
- 361 Journalism & Media Studies
- 362 Artistic, Literary & Performing Arts NEC & not specified

AGRICULTURE & FORESTRY

- 363 Forestry
- 364 Animal Husbandry
- 365 Wool Sciences
- 366 Horticulture
- 367 Agriculture NEC & not specified (including Green Keeping)

SERVICES

TRANSPORT & COMMUNICATION:

- 368 Transport & Communication

OTHER SERVICES:

- 369 Police & Related Law Enforcement
- 370 Public Safety (other than Police)

MILITARY AND DEFENCE

- 371 Military and Defence
- 372 FIELD OF STUDY NEC
- 373 FIELD OF STUDY NOT SPECIFIED

CERTIFICATE-TRADE LEVEL

ARCHITECTURE AND BUILDING

- 401 Building & Building Construction
- 402 Bricklaying
- 403 Carpentry & Joinery
- 404 Painting & Decorating
- 405 Wall, Floor & Roof Tiling
- 406 Concrete, Plaster & Masonry
- 407 Plumbing & Gas Fitting
- 408 Architecture & Building NEC & not specified

MEDICINE & HEALTH

DENTISTRY:

- 409 Dentistry

AGRICULTURE & FORESTRY

- 410 Horticulture
- 411 Agriculture NEC & not specified (including Green Keeping)

MANUFACTURING & CONSTRUCTION (EXCLUDING ARCHITECTURE & BUILDING)

ELECTRICAL & ELECTRONIC:

- 412 Electrical Fitting
- 413 Industrial & Domestic Electrical
- 414 Electrical Instruments
- 415 Automotive Electrical
- 416 Electrical NEC & not specified

METAL:

- 417 Fitting, Turning & Machining
- 418 Toolmaking
- 419 Boilermaking
- 420 Welding
- 421 Sheetmetal
- 422 Foundry & Pattermaking
- 423 Metal NEC & not specified

VEHICLE:

- 424 Automotive Mechanics
- 425 Diesel Mechanics
- 426 Panel Beating
- 427 Motor Body Building
- 428 Vehicle NEC & not specified

PRINTING:

- 429 Bookbinding
- 430 Printing Trades

FURNITURE:

- 431 Furniture Trades

FOOTWEAR, CLOTHING & TEXTILE:

- 432 Footwear Trades
- 433 Clothing & Textile Trades

OTHER MANUFACTURING & CONSTRUCTION:

- 434 Non-metals (Plastics & Fibreglass) Trades
- 435 Aircraft Trades
- 436 Marine Trades
- 437 Railway Trades
- 438 Airconditioning & Refrigeration
- 439 Watch & Jewellery Making
- 440 Non-Electrical Instrument Making
- 441 Manufacturing & Construction NEC & not specified

SERVICES

TRANSPORT & COMMUNICATION:

- 442 Marine Transport
- 443 Railway Transport
- 444 Road Motor Vehicle Transport
- 445 TV & Radio Operators
- 446 Air Transport
- 447 Transport & Communication NEC & not specified

FOOD & RELATED SERVICES:

- 448 Hotel & Restaurant
- 449 Pastry Cook & Bread Making
- 450 Butchering
- 451 Catering & Food Presentation
- 452 Other Food Processing

OTHER SERVICES:

- 453 Barbering & Beauty Culture
- 454 Services NEC & not specified (including Laundry & Dry Cleaning)

455 FIELD OF STUDY NEC

456 FIELD OF STUDY NOT SPECIFIED

CERTIFICATE - OTHER LEVEL

MANAGEMENT, ADMINISTRATION & RELATED FIELDS

- 501 Management & Administration
- 502 Accounting & Auditing
- 503 Secretarial, Typing & Shorthand
- 504 Management, Administration & Related Fields NEC & not specified

NATURAL & MATHEMATICAL SCIENCES

NATURAL & APPLIED SCIENCES:

- 505 Physics
- 506 Chemistry
- 507 Geology & Related Sciences
- 508 Biology
- 509 Food Sciences & Technology
- 510 Natural & Applied Sciences NEC & not specified

MATHEMATICAL & COMPUTER SCIENCES:

- 511 Mathematics & Statistics
- 512 Computer Sciences
- 513 Mathematical & Computer Sciences NEC & not specified

ENGINEERING & TECHNOLOGY

- 514 Civil Engineering
- 515 Electrical & Electronic Engineering
- 516 Mechanical & Agricultural Engineering
- 517 Mining & Metallurgical Engineering
- 518 Industrial & Production Engineering
- 519 Engineering & Technology NEC & not specified (including Engineering Drafting & Design)

ARCHITECTURE AND BUILDING

- 520 Architecture & Architectural Drafting
- 521 Building & Building Construction
- 522 Surveying and Survey Drafting
- 523 Quantity Surveying
- 524 Architecture & Building NEC & not specified

SOCIAL SCIENCES

- 525 Welfare Work, Social Work & Child Care
- 526 Law & Jurisprudence
- 527 Librarianship
- 528 Urban & Regional Planning
- 529 Home Economics
- 530 Social Science NEC & not specified (including Criminology, Recreation & Physical Education (teacher training not specified)).

HUMANITIES

531 Humanities

RELIGION & THEOLOGY

532 Religion & Theology

EDUCATION

TEACHER TRAINING:

533 Pre-primary & Early Childhood
534 Vocational & Technical Education
535 Special Education
536 Teacher Training NEC & not specified

EDUCATION (EXCLUDING TEACHER TRAINING):

537 Education NEC & not specified

MEDICINE & HEALTH

DENTISTRY:

538 Dentistry

PARAMEDICINE:

539 Medical Technology (including Medical Laboratory
Technician, Surgical & Orthopaedic Technician)
540 Nursing (including Post-basic Nursing Certificate)
541 Paramedicine NEC & not specified (including Orthoptics,
Medical Record Librarianship, Chiropractics, Naturopathy &
Osteopathy & Public Health)

VETERINARY SCIENCE

542 Veterinary Science

ARTISTIC, LITERARY & PERFORMING ARTS

543 Drawing, Painting, Sculpture, Pottery
544 Photography
545 Music
546 Artistic, Literary & Performing Arts NEC & not specified

AGRICULTURE & FORESTRY

- 547 Forestry
- 548 Animal Husbandry
- 549 Wool Sciences
- 550 Horticulture
- 551 Agriculture NEC & not specified (including Green Keeping)

MANUFACTURING & CONSTRUCTION (EXCLUDING ARCHITECTURE & BUILDING)

ELECTRICAL & ELECTRONIC:

- 552 Industrial & Domestic Electrical
- 553 Electrical Instruments
- 554 PMG Electrical
- 555 Automotive Electrical
- 556 Electrical NEC & not specified
- 557 Electronic Installation and Servicing

METAL:

- 558 Metal

VEHICLE:

- 559 Automotive Mechanics
- 560 Diesel Mechanics
- 561 Vehicle NEC & not specified

FOOTWEAR, CLOTHING & TEXTILE:

- 562 Clothing & Textile Trades

OTHER MANUFACTURING AND CONSTRUCTION:

- 563 Manufacturing & Construction NEC & not specified

SERVICES

TRANSPORT & COMMUNICATION:

- 564 Marine Transport
- 565 Railway Transport
- 566 Road Motor Vehicle Transport
- 567 TV & Radio Operators
- 568 Air Transport
- 569 Transport & Communication NEC & not specified

FOOD & RELATED SERVICES:

- 570 Hotel & Restaurant
- 571 Catering & Food Presentation
- 572 Other Food Processing

OTHER SERVICES:

- 573 Police & Related Law Enforcement
- 574 Public Safety (other than Police)
- 575 Services NEC & not specified (including Laundry & Dry Cleaning)

MILITARY AND DEFENCE

- 576 Military and Defence
- 577 FIELD OF STUDY NEC
- 578 FIELD OF STUDY NOT SPECIFIED
NOT CLASSIFIABLE BY LEVEL

MANAGEMENT, ADMINISTRATION & RELATED FIELDS

- 601 Management & Administration
- 602 Accounting & Auditing
- 603 Secretarial, Typing & Shorthand
- 604 Management, Administration & Related Fields NEC & not specified

NATURAL & MATHEMATICAL SCIENCES

NATURAL & APPLIED SCIENCES:

- 605 Physics
- 606 Chemistry
- 607 Geology & Related Sciences
- 608 Biology
- 609 Food Sciences & Technology
- 610 Natural & Applied Sciences NEC & not specified

MATHEMATICAL & COMPUTER SCIENCES:

- 611 Mathematics & Statistics
- 612 Computer Sciences
- 613 Mathematical & Computer Sciences NEC & not specified

ENGINEERING & TECHNOLOGY

- 614 Chemical Engineering
- 615 Civil Engineering
- 616 Electrical & Electronic Engineering
- 617 Mechanical & Agricultural Engineering
- 618 Mining & Metallurgical Engineering
- 619 Industrial & Production Engineering
- 620 Engineering & Technology NEC & not specified (including Engineering Drafting & Design)

ARCHITECTURE AND BUILDING

- 621 Architecture & Architectural Drafting
- 622 Building & Building Construction
- 623 Surveying and Survey Drafting
- 624 Quantity Surveying
- 625 Bricklaying
- 626 Carpentry & Joinery
- 627 Painting & Decoration
- 628 Wall, Floor & Roof Tiling
- 629 Concrete, Plaster & Masonry
- 630 Plumbing & Gas Fitting
- 631 Architecture & Building NEC & not specified

SOCIAL SCIENCES

- 632 Psychology
- 633 Sociology & Anthropology
- 634 Welfare Work, Social Work & Child Care
- 635 Economics
- 636 Law & Jurisprudence
- 637 Librarianship
- 638 Urban & Regional Planning
- 639 Home Economics
- 640 Social Sciences NEC & not specified (incl Criminology, Recreation & Physical Education (teacher training not specified)).

HUMANITIES

- 641 Humanities

RELIGION & THEOLOGY

- 642 Religion & Theology

EDUCATION

TEACHER TRAINING:

- 643 Pre-primary & Early Childhood
- 644 Primary Education
- 645 Secondary Education
- 646 Vocational & Technical Education
- 647 Special Education
- 648 Physical Education
- 649 Education Librarianship
- 650 Teacher Training NEC & not specified

EDUCATION (EXCLUDING TEACHER TRAINING):

- 651 Education NEC & not specified

MEDICINE & HEALTH

MEDICINE:

- 652 Medicine - Australian qualification
- 653 Medicine - Overseas qualification
- 654 Surgery
- 655 Physician
- 656 Psychiatry
- 657 Obstetrics & Gynaecology
- 658 Anaesthetics
- 659 Ophthalmology
- 660 Pathology
- 661 Paediatrics
- 662 Radiology
- 663 Dermatology
- 664 Medicine NEC & not specified

DENTISTRY:

- 665 Dentistry - Australian qualification
- 666 Dentistry - Overseas qualification

PARAMEDICINE:

- 667 Pharmacy & Pharmacology
- 668 Optometry
- 669 Nutrition & Dietetics
- 670 Medical Technology (including Medical Laboratory Technician, Surgical & Orthopaedic Technician)
- 671 Medical Radiography
- 672 Occupational Therapy

- 673 Physiotherapy
- 674 Speech Therapy
- 675 Chiropody
- 676 Nursing (including Post-basic Nursing Certificate)
- 677 Paramedicine NEC & not specified (including Orthoptics, Medical Record Librarianship, Chiropractics, Naturopathy & Osteopathy & Public Health)

VETERINARY SCIENCE

- 678 Veterinary Science

ARTISTIC, LITERARY & PERFORMING ARTS

- 679 Drawing, Painting, Sculpture, Pottery
- 680 Photography
- 681 Music
- 682 Journalism & Media Studies
- 683 Artistic, Literary & Performing Arts NEC & not specified

AGRICULTURE & FORESTRY

- 684 Forestry
- 685 Animal Husbandry
- 686 Wool Sciences
- 687 Horticulture
- 688 Agriculture NEC & not specified (including Green Keeping)

MANUFACTURING & CONSTRUCTION (EXCLUDING ARCHITECTURE & BUILDING)

ELECTRICAL & ELECTRONIC:

- 689 Electrical Fitting
- 690 Industrial & Domestic Electrical
- 691 Electrical Instruments
- 692 PMG Electrical
- 693 Automotive Electrical
- 694 Electrical NEC & not specified
- 695 Electronic Installation & Servicing

METAL:

- 696 Fitting, Turning & Machining
- 697 Toolmaking
- 698 Boilermaking
- 699 Welding
- 700 Sheetmetal
- 701 Foundry & Pattermaking
- 702 Metal NEC & not specified

VEHICLE:

- 703 Automotive Mechanics
- 704 Diesel Mechanics
- 705 Panel Beating
- 706 Motor Body Building
- 707 Vehicle NEC & not specified

PRINTING:

- 708 Bookbinding
- 709 Printing Trades

FURNITURE:

- 710 Furniture Trades

FOOTWEAR, CLOTHING & TEXTILE:

- 711 Footwear Trades
- 712 Clothing & Textile Trades

OTHER MANUFACTURING & CONSTRUCTION:

- 713 Non-metals (Plastics & Fibreglass) Trades
- 714 Aircraft Trades
- 715 Marine Trades
- 716 Railway Trades
- 717 Airconditioning & Refrigeration
- 718 Watch & Jewellery Making
- 719 Non-Electrical Instrument Making
- 720 Manufacturing & Construction NEC & not specified

SERVICES

TRANSPORT & COMMUNICATION:

- 721 Marine Transport
- 722 Railway Transport
- 723 Road Motor Vehicle Transport
- 724 TV & Radio Operators
- 725 Air Transport
- 726 Transport & Communication NEC & not specified

FOOD & RELATED SERVICES:

- 727 Hotel & Restaurant
- 728 Pastry Cook & Bread Making
- 729 Butchering
- 730 Catering & Food Presentation
- 731 Other Food Processing

OTHER SERVICES:

- 732 Police & Related Law Enforcement
- 733 Public Safety (other than Police)
- 734 Barbering & Beauty Culture
- 735 Services NEC & not specified (including Laundry & Dry Cleaning)

MILITARY AND DEFENCE

- 736 Military and Defence
- 737 FIELD OF STUDY NEC

OTHER CODES

- 899 Inadequately described
- 900 No qualifications (but stated qualifications)
- 901 No qualifications so stated
- 902 Still at School
- 903 Not stated
- 904 Not applicable

APPENDIX A

INQUIRIES

NEW SOUTH WALES	Information Services St Andrew's House Sydney. NSW. 2000 (Box 796 GPO Sydney 2001) Phone (02) 268 4395-6-7 Telex AA20819	WESTERN AUSTRALIA	Information Services 1-3 St George's Terrace Perth. WA. 6000 Phone (09) 323 5140 Telex AA92041
VICTORIA	Information Services Commonwealth Banks Building Cnr Elizabeth & Flinders Streets Melbourne. VIC. 3000 (Box 2796Y GPO Melbourne 3001) Phone (03) 652 6192 Telex AA30086	TASMANIA	Information Services Australian Government Centre 10th Floor 188 Collins Street Hobart. TAS. 7000 (Box 66A GPO Hobart 7001) Phone (002) 20 4437 or 20 4495 Telex AA58098
QUEENSLAND	Information Services 345 Ann Street Brisbane. QLD. 4000 Phone (07) 336 022 Telex AA40271	NORTHERN TERRITORY	The Statistician—Northern Territory 7th Floor MLC Building 81 Smith Street Darwin. NT. 5790 (Box 3796 PO Darwin 5794) Phone (089) 80 2717 Telex AA85075
SOUTH AUSTRALIA	Information Services City Mutual Centre 10-20 Pulteny Street Adelaide. SA. 5000 (Box 2272 GPO Adelaide 5001) Phone (08) 228 9439 Telex AA82106	AUSTRALIAN CAPITAL TERRITORY	Information Services Australian Bureau of Statistics Box 10 PO Belconnen. ACT. 2616 Phone (062) 52 6627 Telex AA62020