

FOR Classification

The Australian and New Zealand Standard Research Classification (ANZSRC) is jointly produced by the Australian Bureau of Statistics (ABS) and Statistics New Zealand (Statistics NZ).

ANZSRC is the collective name for a set of three related classifications developed for use in the measurement and analysis of research and experimental development (R&D) undertaken in Australia and New Zealand, one of which includes Fields of Research (FOR).

The use of the classifications in the ANZSRC ensures that R&D statistics collected are useful to governments, educational institutions, international organisations, scientific, professional or business organisations, business enterprises, community groups and private individuals in Australia and New Zealand.

The FOR classification allows R&D activity to be categorised according to the field of research. In this respect, it is the methodology used in the R&D that is being considered.

The categories in the classification include major fields of research investigated by national research institutions and organisations, and emerging areas of study.*

Note: While the map categorises research activity by two-digit FOR codes, users should note that the two-digit categories can be broken down further. The following list outlines the 22 two-digit FOR codes and their corresponding four-digit FOR subcategories.

FoR	Title
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01	<i>Mathematical Sciences</i>
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0101	Pure Mathematics
0102	Applied Mathematics
0103	Numerical and Computational Mathematics
0104	Statistics
0105	Mathematical Physics
0199	Other Mathematical Sciences

02	<i>Physical Sciences</i>
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0201	Astronomical and Space Sciences
0202	Atomic, Molecular, Nuclear, Particle and Plasma Physics
0203	Classical Physics
0204	Condensed Matter Physics
0205	Optical Physics
0206	Quantum Physics
0299	Other Physical Sciences

03	<i>Chemical Sciences</i>
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0301	Analytical Chemistry
0302	Inorganic Chemistry
0303	Macromolecular and Materials Chemistry
0304	Medicinal and Biomolecular Chemistry
0305	Organic Chemistry
0306	Physical Chemistry (Incl. Structural)
0307	Theoretical and Computational Chemistry
0399	Other Chemical Sciences

04	<i>Earth Sciences</i>
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0401	Atmospheric Sciences
0402	Geochemistry
0403	Geology

0404 Geophysics
0405 Oceanography
0406 Physical Geography and Environmental Geoscience
0499 Other Earth Sciences
05 ***Environmental Sciences***
0501 Ecological Applications
0502 Environmental Science and Management
0503 Soil Sciences
0599 Other Environmental Sciences
06 ***Biological Sciences***
0601 Biochemistry and Cell Biology
0602 Ecology
0603 Evolutionary Biology
0604 Genetics
0605 Microbiology
0606 Physiology
0607 Plant Biology
0608 Zoology
0699 Other Biological Sciences
07 ***Agricultural and Veterinary Sciences***
0701 Agriculture, Land and Farm Management
0702 Animal Production
0703 Crop and Pasture Production
0704 Fisheries Sciences
0705 Forestry Sciences
0706 Horticultural Production
0707 Veterinary Sciences
0799 Other Agricultural and Veterinary Sciences
08 ***Information and Computing Sciences***
0801 Artificial Intelligence and Image Processing
0802 Computation Theory and Mathematics
0803 Computer Software
0804 Data Format
0805 Distributed Computing
0806 Information Systems
0807 Library and Information Studies
0899 Other Information and Computing Sciences
09 ***Engineering***
0901 Aerospace Engineering
0902 Automotive Engineering
0903 Biomedical Engineering
0904 Chemical Engineering
0905 Civil Engineering
0906 Electrical and Electronic Engineering
0907 Environmental Engineering
0908 Food Sciences
0909 Geomatic Engineering
0910 Manufacturing Engineering
0911 Maritime Engineering
0912 Materials Engineering
0913 Mechanical Engineering

0914 Resources Engineering and Extractive Metallurgy
0915 Interdisciplinary Engineering
0999 Other Engineering
10 **Technology**
1001 Agricultural Biotechnology
1002 Environmental Biotechnology
1003 Industrial Biotechnology
1004 Medical Biotechnology
1005 Communications Technologies
1006 Computer Hardware
1007 Nanotechnology
1099 Other Technology
11 **Medical and Health Sciences**
1101 Medical Biochemistry and Metabolomics
1102 Cardiovascular Medicine and Haematology
1103 Clinical Sciences
1104 Complementary and Alternative Medicine
1105 Dentistry
1106 Human Movement and Sports Science
1107 Immunology
1108 Medical Microbiology
1109 Neurosciences
1110 Nursing
1111 Nutrition and Dietetics
1112 Oncology and Carcinogenesis
1113 Ophthalmology and Optometry
1114 Paediatrics and Reproductive Medicine
1115 Pharmacology and Pharmaceutical Sciences
1116 Medical Physiology
1117 Public Health and Health Services
1199 Other Medical and Health Sciences
12 **Built Environment and Design**
1201 Architecture
1202 Building
1203 Design Practice and Management
1204 Engineering Design
1205 Urban and Regional Planning
1299 Other Built Environment and Design
13 **Education**
1301 Education Systems
1302 Curriculum and Pedagogy
1303 Specialist Studies In Education
1399 Other Education
14 **Economics**
1401 Economic Theory
1402 Applied Economics
1403 Econometrics
1499 Other Economics
15 **Commerce, Management, Tourism and Services**
1501 Accounting, Auditing and Accountability
1502 Banking, Finance and Investment

- 1503 Business and Management
- 1504 Commercial Services
- 1505 Marketing
- 1506 Tourism
- 1507 Transportation and Freight Services
- 1599 Other Commerce, Management, Tourism and Services
- 16 *Studies In Human Society***
- 1601 Anthropology
- 1602 Criminology
- 1603 Demography
- 1604 Human Geography
- 1605 Policy and Administration
- 1606 Political Science
- 1607 Social Work
- 1608 Sociology
- 1699 Other Studies In Human Society
- 17 *Psychology and Cognitive Sciences***
- 1701 Psychology
- 1702 Cognitive Sciences
- 1799 Other Psychology and Cognitive Sciences
- 18 *Law and Legal Studies***
- 1801 Law
- 1802 Maori Law
- 1899 Other Law and Legal Studies
- 19 *Studies In Creative Arts and Writing***
- 1901 Art Theory and Criticism
- 1902 Film, Television and Digital Media
- 1903 Journalism and Professional Writing
- 1904 Performing Arts and Creative Writing
- 1905 Visual Arts and Crafts
- 1999 Other Studies In Creative Arts and Writing
- 20 *Language, Communication and Culture***
- 2001 Communication and Media Studies
- 2002 Cultural Studies
- 2003 Language Studies
- 2004 Linguistics
- 2005 Literary Studies
- 2099 Other Language, Communication and Culture
- 21 *History and Archaeology***
- 2101 Archaeology
- 2102 Curatorial and Related Studies
- 2103 Historical Studies
- 2199 Other History and Archaeology
- 22 *Philosophy and Religious Studies***
- 2201 Applied Ethics
- 2202 History and Philosophy Of Specific Fields
- 2203 Philosophy
- 2204 Religion and Religious Studies
- 2299 Other Philosophy and Religious Studies

*(Adapted from
<http://www.abs.gov.au/ausstats/abs@.nsf/Latestproducts/1297.0Main%20Features32008?opendocument&tabname=Summary&prodno=1297.0&issue=2008&num=&view=>)