



Australian Government
Australian Research Council

ERA 2010 *ERA*

National Report



Australian Government

Australian Research Council

**Excellence in Research for Australia 2010
National Report**

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MINISTER'S FOREWORD



It gives me great pleasure to present the *Excellence in Research for Australia (ERA) 2010 National Report*. It is the culmination of the Australian Labor Government's bold endeavour to develop a transparent and workable system to assess the quality of research in Australia. It provides a comprehensive overview of the quality of research undertaken in higher education institutions across the country in an international context.

ERA gives Australia, for the first time, the capacity to rigorously measure our achievements against our peers around the world. It draws together rich information about discipline-specific research activity at each individual institution, as well as information about contribution to the national landscape of each discipline in each institution.

This landmark national report highlights both Australia's research strengths, and areas with potential for further development. It will allow us to plan the future of research investment for Australia, at a critical moment for the research community.

The ERA initiative is a key element of the Government's agenda for the reform of Australia's higher education system, articulated in *Transforming Australia's Higher Education System* (2009), and its innovation agenda, expressed in *Powering Ideas: An Innovation Agenda for the 21st Century* (2009).

This National Report provides assurance to government, industry, business and the wider Australian public of the quality of research conducted in Australian higher education institutions, and the value of government investment in the research sector. It will provide rich insights as we work in partnership to ensure we maintain the pursuit of excellence in research, for many decades to come.

ERA outcomes will inform the allocation of funding to support the indirect costs of research through the Government's Sustainable Research Excellence program, and will be included as a key measure of research performance in the Government's Compacts with universities. ERA also informs the development of the Government's Research Workforce Strategy and other Government initiatives related to research and research training. Outcomes of the next ERA round, scheduled for 2012, will allow Australia to examine its research performance over time and give us additional valuable information about where to guide research investment.

Australia is already recognised internationally for its research strengths. With the presentation of the *ERA 2010 National Report*, Australia will now be acknowledged as a pioneer in research quality assessment. ERA's streamlined, transparent approach, based on a combination of metrics and peer review, stands at the cutting edge of global research evaluation tools.

This report provides a sophisticated snapshot of what is essentially a dynamic and vibrant activity. With the continuation of ERA in 2012 we will be able to develop an even more advanced picture of research activity in Australia.

I would like to acknowledge the effort of all those who contributed to the ERA process, from its inception in early 2008 to its fruition in 2010, culminating in this National Report. The scale and complexity of the ERA data testifies

not only to the wealth and depth of research within this nation, but also to the dedication, commitment and rigour of Australia's higher education research sector.

A handwritten signature in black ink, appearing to read 'Kim Carr', with a long horizontal line extending from the end of the signature.

Senator the Hon Kim Carr

Minister for Innovation, Industry, Science and Research

CEO'S FOREWORD



The release of the *Excellence in Research for Australia (ERA) 2010 National Report* is an exciting and significant moment for research evaluation, both within Australia and internationally.

ERA is the first comprehensive review of research undertaken in Australian higher education institutions. With the release of this National Report, we are now able to measure our achievements against those of our peers around the world and, in this way, better guide our research investment into the future.

The *ERA 2010 National Report* is the culmination of three years of comprehensive and widespread consultation with the higher education research sector as well as associated and ongoing policy development. Extensive consultation was also undertaken with international colleagues who are involved in the design, development and implementation of other national research evaluation systems. I am grateful for the many valuable contributions that have been made over these years to shape the ERA process.

The outcomes evident in this *ERA 2010 National Report* are indeed representative of the quality of research being conducted at Australian institutions and of Australia's considerable research strength across a range of disciplines.

For ERA 2010, the ARC received data in relation to some 330,000 unique research outputs and over 55,000 researchers across all eight discipline clusters. I am deeply appreciative of the work of institutional research offices in the lead up to and during the submission process. On behalf of all involved, I would like to sincerely acknowledge the work of some 700 expert reviewers and 62 peak bodies involved in the development of the Ranked Journal list, and of over 500 ERA peer reviewers across the world, who contributed their evaluative and discipline expertise to the ERA development process.

The efforts of the 149 members of the eight Research Evaluation Committees, whose expertise and diligent work in their evaluation of 157 research areas has been central to ERA 2010, deserve special recognition.

Finally, my sincere thanks to the ERA staff within the ARC, whose dedication to the considerable task cannot be underestimated. In particular, the leadership provided by Ms Leanne Harvey over this period has been outstanding.

A handwritten signature in black ink, which appears to read 'Margaret Sheil'. The signature is fluid and cursive, with a large initial 'M'.

Professor Margaret Sheil

Chief Executive Officer, Australian Research Council

ERA 2010 NATIONAL REPORT

9 May 2011 Update

The 9 May 2011 update includes corrections to the labelling of HERDC Category 3 income in Section 3 of the report. The corrections correspond to pages 233-240 of the report:

- The data tables contained in the 31 January 2011 version on pages 233-236 have now been moved to pages 237-240, and correctly labelled “HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME – INTERNATIONAL B”.
- The data tables contained in the 31 January 2011 version on pages 237-240 have now been moved to pages 233-236, and correctly labelled “HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME – INTERNATIONAL A”.

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ABBREVIATIONS

| | |
|---------|---|
| AIATSIS | Australian Institute of Aboriginal and Torres Strait Islander Studies |
| ANZSRC | Australian and New Zealand Standard Research Classification |
| ARC | Australian Research Council |
| BB | Biological Sciences and Biotechnology |
| BCH | Biomedical and Clinical Health Sciences |
| Comm. | Commercialisation |
| CRC | Cooperative Research Centre |
| EE | Engineering and Environmental Sciences |
| EPO | European Patent Office |
| ERA | Excellence in Research for Australia |
| FoR | Field of Research (ANZSRC) |
| FTE | Full-Time Equivalent |
| HCA | Humanities and Creative Arts |
| HEP | Higher Education Providers |
| HERDC | Higher Education Research Data Collection |
| HESDC | Higher Education Staff Data Collection |
| JPO | Japan Patent Office |
| MIC | Mathematical, Information and Computing Sciences |
| n/a | Not assessed due to low volume |
| NHMRC | National Health and Medical Research Council |
| NTRO | Non-traditional research outputs |
| PAH | Public and Allied Health Sciences |

| | |
|------------|---|
| PBRs | Plant Breeder's Rights |
| PCE | Physical, Chemical and Earth Sciences |
| REC | Research Evaluation Committee |
| Res. comm. | Research commercialisation |
| SBE | Social, Behavioural and Economic Sciences |
| UoE | Unit of Evaluation |
| USPTO | United States Patent and Trademark Office |

GUIDE TO THE REPORT

The *Excellence in Research for Australia (ERA) 2010 National Report* presents a comprehensive assessment by discipline of the research quality and research activity within Australia's higher education institutions. ERA provides information on discipline-specific research activity of each eligible Australian higher education institution (table A and B providers listed in the *Higher Education Support Act 2003*), and its contribution in that discipline to the national landscape.

The *ERA 2010 National Report* is divided into four sections which are listed below:

- **Section 1: ERA National Overview** provides a national summary of evaluation outcomes as well as a summary of national data submitted for the purposes of ERA evaluation.
- **Section 2: ERA National Profiles by Field of Research (FoR) code** provides a summary of evaluation outcomes and data for each FoR code, including ERA rating outcomes and key volume and activity information. This section provides a summary of the four-digit evaluations. (Note: two-digit FoR evaluation data is summarised in **Section 1**).
- **Section 3: ERA National Summary of Indicators by FoR codes** provides a detailed breakdown of ERA indicators by two-digit and four-digit FoR codes.
- **Section 4: Australian Institution Report** provides the ERA ratings for each two-digit and four-digit assessable Unit of Evaluation by the 41 institutions eligible for ERA.

Enquiries about the *ERA 2010 National Report* should be directed to:

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This report is available on the ARC website at www.arc.gov.au/era

INTRODUCTION

In 2010, the Australian Research Council (ARC) conducted the Excellence in Research for Australia (ERA) initiative. The initiative collected data regarding the quality of research activity undertaken at all eligible higher education research institutions¹ within the ERA 2010 reference period. These data were then evaluated by eight Research Evaluation Committees, established at a discipline cluster level, and comprised of distinguished and internationally-recognised researchers with expertise in research evaluation.

This National Report provides an overview of the data collected and the outcomes of the ERA 2010 evaluation process.

ERA Overview

The ERA initiative identifies and examines the quality of research across the full spectrum of research activity in eligible higher education research institutions. ERA reflects the Australian Government's commitment to a transparent, streamlined approach to the evaluation of the quality of research undertaken in Australia's universities.

The objectives of ERA are to:

1. Establish an evaluation framework that gives government, industry, business and the wider community assurance of the excellence of research conducted in Australia's higher education institutions.
2. Provide a national stocktake of discipline-level areas of research strength and areas where there is opportunity for development in Australia's higher education institutions.
3. Identify excellence across the full spectrum of research performance.
4. Identify emerging research areas and opportunities for further development.
5. Allow for comparisons of Australia's research nationally and internationally for all discipline areas.

ERA 2010 Discipline Clusters

The ERA initiative collected data and undertook evaluations across eight discipline clusters. These discipline clusters are:

- Cluster One Physical, Chemical and Earth Sciences (PCE)
- Cluster Two Humanities and Creative Arts (HCA)
- Cluster Three Engineering and Environmental Sciences (EE)
- Cluster Four Social, Behavioural and Economic Sciences (SBE)
- Cluster Five Mathematical, Information and Computing Sciences (MIC)
- Cluster Six Biological Sciences and Biotechnology (BB)
- Cluster Seven Biomedical and Clinical Health Sciences (BCH)
- Cluster Eight Public and Allied Health Sciences (PAH)

¹ See Appendix 1 for the eligible institutions

For the purposes of ERA, 'disciplines' are defined as two- and four-digit Field of Research (FoRs) codes as identified in the Australian and New Zealand Standard Research Classification (ANZSRC). See page 6 for the full list of FoR codes.

ERA 2010 Indicators

ERA 2010 evaluations were informed by four broad categories of indicators:

1. *Indicators of research quality*
Research quality was considered on the basis of ranked outlets, citation analyses, ERA peer review, and peer-reviewed Australian and international research income.
2. *Indicators of research volume and activity*
Research volume and activity was considered on the basis of total research outputs, research income and other research items within the context of the profile of eligible researchers.
3. *Indicators of research application*
Research application was considered on the basis of research commercialisation income and other applied measures.
4. *Indicators of recognition*
Research recognition was considered on the basis of a range of esteem measures.

Further information about the submission process is provided in the *ERA 2010 Submission Guidelines*, available at: http://www.arc.gov.au/era/key_docs10.htm.

Unit of Evaluation

The Unit of Evaluation (UoE) for ERA is the research discipline for each institution as defined by ANZSRC FoR codes. Evaluations occurred at the two- and four-digit FoR code levels for Units of Evaluation that met the low-volume threshold.

National-level profiles of disciplines aggregated across institutions at the two- and four-digit FoR code level, include information from all submitting institutions, including from those which had not met the low volume threshold and were therefore not assessed.

Low Volume Threshold

To ensure that there was a meaningful amount of data to be evaluated by Research Evaluation Committees, a low volume threshold was enforced for each Unit of Evaluation in ERA 2010.

For disciplines where citation analysis was used, the low volume threshold was 50 apportioned indexed journal articles. No evaluation was conducted for the relevant FoR for a given institution if the number of apportioned indexed journal articles over the six-year research outputs reference period was fewer than 50 in any two- or four-digit FoR.

For disciplines where citation analysis was not used and peer review was undertaken, no evaluation was conducted for an FoR for a given institution where, over the six-year research-outputs reference period, there were less than the equivalent of 30 apportioned research outputs. For these disciplines, books were given an effective weighting of 5:1 compared with other research outputs. Books were weighted only for the purposes of determining the low volume threshold; in every other instance they were regarded as a single research output. Portfolios of works were counted as one output for the purposes of determining the low volume threshold.

Where the low volume threshold was not met, the Unit of Evaluation for a given institution was automatically treated as 'not assessed due to low volume', and is reported as 'n/a'. This meant that data submitted on research outputs, research income, applied measures and esteem measures for the relevant two- or four-digit FoR for that institution was collected but not evaluated under ERA 2010. The institution, therefore, was not considered as research active for that discipline for purposes of this exercise.

All ERA data was aggregated for national-level reporting irrespective of whether any FoRs within a specific institution met the low volume threshold.

ERA 2010 Evaluation Process

Evaluation of data submitted for ERA 2010 was undertaken by eight Research Evaluation Committees, broadly representative of the eight distinct discipline cluster groups. Research Evaluation Committees were comprised of 149 individual distinguished and internationally recognised researchers with expertise in research evaluation, both from Australia and overseas.

Further details concerning the ERA 2010 Evaluation process, including moderation and conflict of interest procedures, can be found in the *ERA 2010 Evaluation Guidelines*, available on the ARC website.

Benchmarks

For the ERA indicators involving journals and citation metrics, the ARC developed international and national benchmarks. These were used as a guide by Research Evaluation Committee members to determine the quality of research outputs. In each instance where a benchmark was used, it was created specifically for the FoR to which it was being applied. In the case of citation benchmarks, these were also created specifically for publication years. For example, articles published in 2007 were only compared to citation benchmarks for 2007.

Reference Periods

Data for the following reference periods was collected for ERA 2010:

| Data Type | Reference Period | Years |
|----------------------|-----------------------------------|--------------|
| Research Outputs | 1 January 2003 – 31 December 2008 | 6 |
| Research Income | 1 January 2006 – 31 December 2008 | 3 |
| Applied Measures | 1 January 2006 – 31 December 2008 | 3 |
| Esteem Measures | 1 January 2006 – 31 December 2008 | 3 |
| Staff Eligibility | As at 31 March 2009 | Census Date |
| Citation Data Period | 1 January 2003 – 1 March 2010 | 7.2 |

Citation Data Provider

Scopus was the citation data provider for ERA 2010. The ARC would like to thank Scopus for their contribution and support throughout the ERA 2010 evaluation process.

ERA Rating Scale

The rating scale for ERA 2010 is broadly consistent with the approach taken in research evaluation exercises in other countries to allow for international comparison where appropriate. The rating scale used for ERA 2010 was:

| Rating | Descriptor |
|--------|---|
| 5 | The Unit of Evaluation profile is characterised by evidence of outstanding performance well above world standard presented by the suite of indicators used for evaluation. |
| 4 | The Unit of Evaluation profile is characterised by evidence of performance above world standard presented by the suite of indicators used for evaluation. |
| 3 | The Unit of Evaluation profile is characterised by evidence of average performance at world standard presented by the suite of indicators used for evaluation. |
| 2 | The Unit of Evaluation profile is characterised by evidence of performance below world standard presented by the suite of indicators used for evaluation. |
| 1 | The Unit of Evaluation profile is characterised by evidence of performance well below world standard presented by the suite of indicators used for evaluation. |
| n/a | Not assessed due to low volume. The number of research outputs does not meet the volume threshold standard for evaluation in ERA. |

Note: In order to achieve a rating at a particular point on the scale, the majority of the outputs from the Unit of Evaluation was expected to meet the standard for that rating point.

'World Standard' refers to a quality standard. It does not refer to the nature or geographical scope of particular subjects, nor to the locus of research, nor its place of dissemination.

Field of Research (FoR) Codes

ERA uses the *Australia and New Zealand Standard Research Classification (ANZSRC) 2008* codes released by the Australian Bureau of Statistics and Statistics New Zealand. The ANZSRC provides 22 two-digit FoR codes, 157 four-digit FoR codes, and an extensive range of six-digit codes.

ERA undertook evaluation at both the two- and four-digit FoR codes. Institutions submitted data to ERA at the four-digit level and these were aggregated to form the two- and four-digit Units of Evaluation (UoEs).

The two-digit FoR code is the highest level of the ANZSRC hierarchy; it relates to a broad discipline field, for example, *02 – Physical Sciences* or *21 – History and Archaeology*. A two-digit FoR code consists of a collection of related four-digit FoR codes.

For the purposes of ERA 2010, some two-digit FoR codes were split across more than one cluster. In these instances, the FoR code is supplemented with a Cluster tag. For example, 10 (MIC) and 10 (BB).

The four-digit FoR code is the second level of the ANZSRC hierarchy and relates to a specific discipline field of a two-digit FoR code. For example, *0201 – Astronomical and Space Sciences* or *2101 – Archaeology*.

The ANZSRC FoR codes for ERA 2010 are listed on the following pages.

| FoR Code | FoR Name | ERA Cluster Name |
|-----------|---|---|
| 01 | Mathematical Sciences | Mathematical, Information and Computing Sciences (MIC) |
| 0101 | Pure Mathematics | Mathematical, Information and Computing Sciences (MIC) |
| 0102 | Applied Mathematics | Mathematical, Information and Computing Sciences (MIC) |
| 0103 | Numerical and Computational Mathematics | Mathematical, Information and Computing Sciences (MIC) |
| 0104 | Statistics | Mathematical, Information and Computing Sciences (MIC) |
| 0105 | Mathematical Physics | Mathematical, Information and Computing Sciences (MIC) |
| 0199 | Other Mathematical Sciences | Mathematical, Information and Computing Sciences (MIC) |
| 02 | Physical Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 0201 | Astronomical and Space Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | Physical, Chemical and Earth Sciences (PCE) |
| 0203 | Classical Physics | Physical, Chemical and Earth Sciences (PCE) |
| 0204 | Condensed Matter Physics | Physical, Chemical and Earth Sciences (PCE) |
| 0205 | Optical Physics | Physical, Chemical and Earth Sciences (PCE) |
| 0206 | Quantum Physics | Physical, Chemical and Earth Sciences (PCE) |
| 0299 | Other Physical Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 03 | Chemical Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 0301 | Analytical Chemistry | Physical, Chemical and Earth Sciences (PCE) |
| 0302 | Inorganic Chemistry | Physical, Chemical and Earth Sciences (PCE) |
| 0303 | Macromolecular and Materials Chemistry | Physical, Chemical and Earth Sciences (PCE) |
| 0304 | Medicinal and Biomolecular Chemistry | Physical, Chemical and Earth Sciences (PCE) |
| 0305 | Organic Chemistry | Physical, Chemical and Earth Sciences (PCE) |
| 0306 | Physical Chemistry (Incl. Structural) | Physical, Chemical and Earth Sciences (PCE) |
| 0307 | Theoretical and Computational Chemistry | Physical, Chemical and Earth Sciences (PCE) |
| 0399 | Other Chemical Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 04 | Earth Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 0401 | Atmospheric Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 0402 | Geochemistry | Physical, Chemical and Earth Sciences (PCE) |
| 0403 | Geology | Physical, Chemical and Earth Sciences (PCE) |
| 0404 | Geophysics | Physical, Chemical and Earth Sciences (PCE) |
| 0405 | Oceanography | Physical, Chemical and Earth Sciences (PCE) |
| 0406 | Physical Geography and Environmental Geoscience | Physical, Chemical and Earth Sciences (PCE) |
| 0499 | Other Earth Sciences | Physical, Chemical and Earth Sciences (PCE) |
| 05 | Environmental Sciences | Engineering and Environmental Sciences (EE) |
| 0501 | Ecological Applications | Engineering and Environmental Sciences (EE) |
| 0502 | Environmental Science and Management | Engineering and Environmental Sciences (EE) |
| 0503 | Soil Sciences | Engineering and Environmental Sciences (EE) |
| 0599 | Other Environmental Sciences | Engineering and Environmental Sciences (EE) |
| 06 | Biological Sciences | Biological Sciences and Biotechnology (BB) |
| 0601 | Biochemistry and Cell Biology | Biological Sciences and Biotechnology (BB) |
| 0602 | Ecology | Biological Sciences and Biotechnology (BB) |
| 0603 | Evolutionary Biology | Biological Sciences and Biotechnology (BB) |
| 0604 | Genetics | Biological Sciences and Biotechnology (BB) |
| 0605 | Microbiology | Biological Sciences and Biotechnology (BB) |

| FoR Code | FoR Name | ERA Cluster Name |
|---------------|---|---|
| 0606 | Physiology | Biological Sciences and Biotechnology (BB) |
| 0607 | Plant Biology | Biological Sciences and Biotechnology (BB) |
| 0608 | Zoology | Biological Sciences and Biotechnology (BB) |
| 0699 | Other Biological Sciences | Biological Sciences and Biotechnology (BB) |
| 07 | Agricultural and Veterinary Sciences | Biological Sciences and Biotechnology (BB) |
| 0701 | Agriculture, Land and Farm Management | Biological Sciences and Biotechnology (BB) |
| 0702 | Animal Production | Biological Sciences and Biotechnology (BB) |
| 0703 | Crop and Pasture Production | Biological Sciences and Biotechnology (BB) |
| 0704 | Fisheries Sciences | Biological Sciences and Biotechnology (BB) |
| 0705 | Forestry Sciences | Biological Sciences and Biotechnology (BB) |
| 0706 | Horticultural Production | Biological Sciences and Biotechnology (BB) |
| 0707 | Veterinary Sciences | Biological Sciences and Biotechnology (BB) |
| 0799 | Other Agricultural and Veterinary Sciences | Biological Sciences and Biotechnology (BB) |
| 08 | Information and Computing Sciences | Mathematical, Information and Computing Sciences (MIC) |
| 0801 | Artificial Intelligence and Image Processing | Mathematical, Information and Computing Sciences (MIC) |
| 0802 | Computation Theory and Mathematics | Mathematical, Information and Computing Sciences (MIC) |
| 0803 | Computer Software | Mathematical, Information and Computing Sciences (MIC) |
| 0804 | Data Format | Mathematical, Information and Computing Sciences (MIC) |
| 0805 | Distributed Computing | Mathematical, Information and Computing Sciences (MIC) |
| 0806 | Information Systems | Mathematical, Information and Computing Sciences (MIC) |
| 0807 | Library and Information Studies | Mathematical, Information and Computing Sciences (MIC) |
| 0899 | Other Information and Computing Sciences | Mathematical, Information and Computing Sciences (MIC) |
| 09 | Engineering | Engineering and Environmental Sciences (EE) |
| 0901 | Aerospace Engineering | Engineering and Environmental Sciences (EE) |
| 0902 | Automotive Engineering | Engineering and Environmental Sciences (EE) |
| 0903 | Biomedical Engineering | Engineering and Environmental Sciences (EE) |
| 0904 | Chemical Engineering | Engineering and Environmental Sciences (EE) |
| 0905 | Civil Engineering | Engineering and Environmental Sciences (EE) |
| 0906 | Electrical and Electronic Engineering | Engineering and Environmental Sciences (EE) |
| 0907 | Environmental Engineering | Engineering and Environmental Sciences (EE) |
| 0908 | Food Sciences | Engineering and Environmental Sciences (EE) |
| 0909 | Geomatic Engineering | Engineering and Environmental Sciences (EE) |
| 0910 | Manufacturing Engineering | Engineering and Environmental Sciences (EE) |
| 0911 | Maritime Engineering | Engineering and Environmental Sciences (EE) |
| 0912 | Materials Engineering | Engineering and Environmental Sciences (EE) |
| 0913 | Mechanical Engineering | Engineering and Environmental Sciences (EE) |
| 0914 | Resources Engineering and Extractive Metallurgy | Engineering and Environmental Sciences (EE) |
| 0915 | Interdisciplinary Engineering | Engineering and Environmental Sciences (EE) |
| 0999 | Other Engineering | Engineering and Environmental Sciences (EE) |
| 10(BB) | Technology | Biological Sciences and Biotechnology (BB) |
| 1001 | Agricultural Biotechnology | Biological Sciences and Biotechnology (BB) |
| 1002 | Environmental Biotechnology | Biological Sciences and Biotechnology (BB) |
| 1003 | Industrial Biotechnology | Biological Sciences and Biotechnology (BB) |

| FoR Code | FoR Name | ERA Cluster Name |
|----------------|--|---|
| 1004 | Medical Biotechnology | Biological Sciences and Biotechnology (BB) |
| 10(MIC) | Technology | Mathematical, Information and Computing Sciences (MIC) |
| 1005 | Communications Technologies | Mathematical, Information and Computing Sciences (MIC) |
| 1006 | Computer Hardware | Mathematical, Information and Computing Sciences (MIC) |
| 1007 | Nanotechnology | Mathematical, Information and Computing Sciences (MIC) |
| 1099 | Other Technology | Mathematical, Information and Computing Sciences (MIC) |
| 11(BCH) | Medical and Health Sciences | Biomedical and Clinical Health Sciences (BCH) |
| 1101 | Medical Biochemistry and Metabolomics | Biomedical and Clinical Health Sciences (BCH) |
| 1102 | Cardiovascular Medicine and Haematology | Biomedical and Clinical Health Sciences (BCH) |
| 1103 | Clinical Sciences | Biomedical and Clinical Health Sciences (BCH) |
| 1105 | Dentistry | Biomedical and Clinical Health Sciences (BCH) |
| 1107 | Immunology | Biomedical and Clinical Health Sciences (BCH) |
| 1108 | Medical Microbiology | Biomedical and Clinical Health Sciences (BCH) |
| 1109 | Neurosciences | Biomedical and Clinical Health Sciences (BCH) |
| 1112 | Oncology and Carcinogenesis | Biomedical and Clinical Health Sciences (BCH) |
| 1113 | Ophthalmology and Optometry | Biomedical and Clinical Health Sciences (BCH) |
| 1114 | Paediatrics and Reproductive Medicine | Biomedical and Clinical Health Sciences (BCH) |
| 1115 | Pharmacology and Pharmaceutical Sciences | Biomedical and Clinical Health Sciences (BCH) |
| 1116 | Medical Physiology | Biomedical and Clinical Health Sciences (BCH) |
| 11(PAH) | Medical and Health Sciences | Public and Allied Health Sciences (PAH) |
| 1104 | Complementary and Alternative Medicine | Public and Allied Health Sciences (PAH) |
| 1106 | Human Movement and Sports Science | Public and Allied Health Sciences (PAH) |
| 1110 | Nursing | Public and Allied Health Sciences (PAH) |
| 1111 | Nutrition and Dietetics | Public and Allied Health Sciences (PAH) |
| 1117 | Public Health and Health Services | Public and Allied Health Sciences (PAH) |
| 1199 | Other Medical and Health Sciences | Public and Allied Health Sciences (PAH) |
| 12(EE) | Built Environment and Design | Engineering and Environmental Sciences (EE) |
| 1202 | Building | Engineering and Environmental Sciences (EE) |
| 1204 | Engineering Design | Engineering and Environmental Sciences (EE) |
| 12(HCA) | Built Environment and Design | Humanities and Creative Arts (HCA) |
| 1201 | Architecture | Humanities and Creative Arts (HCA) |
| 1203 | Design Practice and Management | Humanities and Creative Arts (HCA) |
| 1205 | Urban and Regional Planning | Humanities and Creative Arts (HCA) |
| 1299 | Other Built Environment and Design | Humanities and Creative Arts (HCA) |
| 13 | Education | Social, Behavioural and Economic Sciences (SBE) |
| 1301 | Education Systems | Social, Behavioural and Economic Sciences (SBE) |
| 1302 | Curriculum and Pedagogy | Social, Behavioural and Economic Sciences (SBE) |
| 1303 | Specialist Studies In Education | Social, Behavioural and Economic Sciences (SBE) |
| 1399 | Other Education | Social, Behavioural and Economic Sciences (SBE) |
| 14 | Economics | Social, Behavioural and Economic Sciences (SBE) |
| 1401 | Economic Theory | Social, Behavioural and Economic Sciences (SBE) |
| 1402 | Applied Economics | Social, Behavioural and Economic Sciences (SBE) |
| 1403 | Econometrics | Social, Behavioural and Economic Sciences (SBE) |

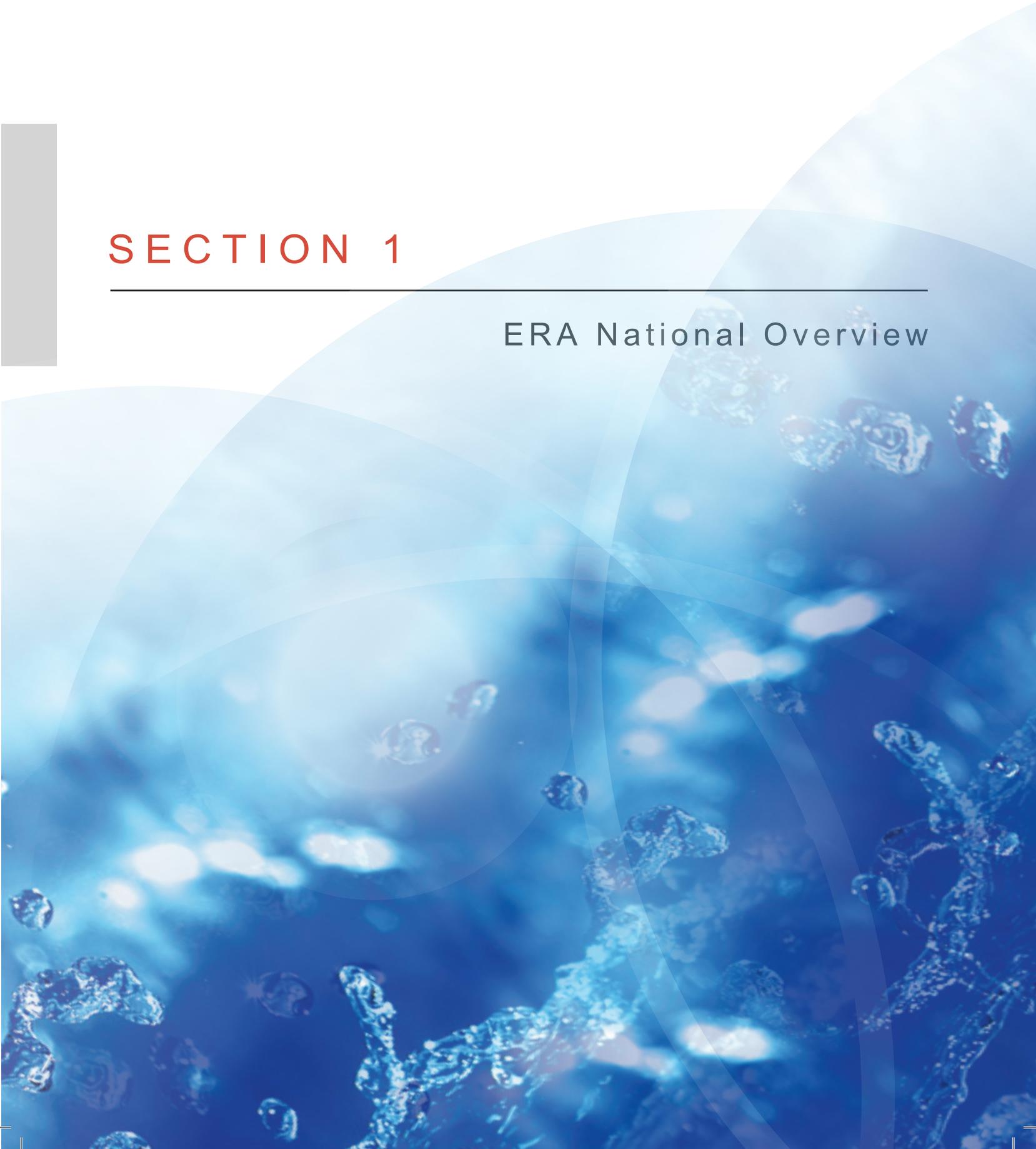
| FoR Code | FoR Name | ERA Cluster Name |
|-----------|---|--|
| 1499 | Other Economics | Social, Behavioural and Economic Sciences (SBE) |
| 15 | Commerce, Management, Tourism and Services | Social, Behavioural and Economic Sciences (SBE) |
| 1501 | Accounting, Auditing and Accountability | Social, Behavioural and Economic Sciences (SBE) |
| 1502 | Banking, Finance and Investment | Social, Behavioural and Economic Sciences (SBE) |
| 1503 | Business and Management | Social, Behavioural and Economic Sciences (SBE) |
| 1504 | Commercial Services | Social, Behavioural and Economic Sciences (SBE) |
| 1505 | Marketing | Social, Behavioural and Economic Sciences (SBE) |
| 1506 | Tourism | Social, Behavioural and Economic Sciences (SBE) |
| 1507 | Transportation and Freight Services | Social, Behavioural and Economic Sciences (SBE) |
| 1599 | Other Commerce, Management, Tourism and Services | Social, Behavioural and Economic Sciences (SBE) |
| 16 | Studies In Human Society | Social, Behavioural and Economic Sciences (SBE) |
| 1601 | Anthropology | Social, Behavioural and Economic Sciences (SBE) |
| 1602 | Criminology | Social, Behavioural and Economic Sciences (SBE) |
| 1603 | Demography | Social, Behavioural and Economic Sciences (SBE) |
| 1604 | Human Geography | Social, Behavioural and Economic Sciences (SBE) |
| 1605 | Policy and Administration | Social, Behavioural and Economic Sciences (SBE) |
| 1606 | Political Science | Social, Behavioural and Economic Sciences (SBE) |
| 1607 | Social Work | Social, Behavioural and Economic Sciences (SBE) |
| 1608 | Sociology | Social, Behavioural and Economic Sciences (SBE) |
| 1699 | Other Studies In Human Society | Social, Behavioural and Economic Sciences (SBE) |
| 17 | Psychology and Cognitive Sciences | Social, Behavioural and Economic Sciences (SBE) |
| 1701 | Psychology | Social, Behavioural and Economic Sciences (SBE) |
| 1702 | Cognitive Sciences | Social, Behavioural and Economic Sciences (SBE) |
| 1799 | Other Psychology and Cognitive Sciences | Social, Behavioural and Economic Sciences (SBE) |
| 18 | Law and Legal Studies | Humanities and Creative Arts (HCA) |
| 1801 | Law | Humanities and Creative Arts (HCA) |
| 1802 | Maori Law | Humanities and Creative Arts (HCA) |
| 1899 | Other Law and Legal Studies | Humanities and Creative Arts (HCA) |
| 19 | Studies In Creative Arts and Writing | Humanities and Creative Arts (HCA) |
| 1901 | Art Theory and Criticism | Humanities and Creative Arts (HCA) |
| 1902 | Film, Television and Digital Media | Humanities and Creative Arts (HCA) |
| 1903 | Journalism and Professional Writing | Humanities and Creative Arts (HCA) |
| 1904 | Performing Arts and Creative Writing | Humanities and Creative Arts (HCA) |
| 1905 | Visual Arts and Crafts | Humanities and Creative Arts (HCA) |
| 1999 | Other Studies In Creative Arts and Writing | Humanities and Creative Arts (HCA) |
| 20 | Language, Communication and Culture | Humanities and Creative Arts (HCA) |
| 2001 | Communication and Media Studies | Humanities and Creative Arts (HCA) |
| 2002 | Cultural Studies | Humanities and Creative Arts (HCA) |
| 2003 | Language Studies | Humanities and Creative Arts (HCA) |
| 2004 | Linguistics | Humanities and Creative Arts (HCA) |
| 2005 | Literary Studies | Humanities and Creative Arts (HCA) |
| 2099 | Other Language, Communication and Culture | Humanities and Creative Arts (HCA) |
| 21 | History and Archaeology | Humanities and Creative Arts (HCA) |

| FoR Code | FoR Name | ERA Cluster Name |
|-----------|---|---|
| 2101 | Archaeology | Humanities and Creative Arts (HCA) |
| 2102 | Curatorial and Related Studies | Humanities and Creative Arts (HCA) |
| 2103 | Historical Studies | Humanities and Creative Arts (HCA) |
| 2199 | Other History and Archaeology | Humanities and Creative Arts (HCA) |
| 22 | Philosophy and Religious Studies | Humanities and Creative Arts (HCA) |
| 2201 | Applied Ethics | Humanities and Creative Arts (HCA) |
| 2202 | History and Philosophy of Specific Fields | Humanities and Creative Arts (HCA) |
| 2203 | Philosophy | Humanities and Creative Arts (HCA) |
| 2204 | Religion and Religious Studies | Humanities and Creative Arts (HCA) |
| 2299 | Other Philosophy and Religious Studies | Humanities and Creative Arts (HCA) |



SECTION 1

ERA National Overview



SECTION 1: ERA NATIONAL OVERVIEW

Section 1 presents the national overview of ERA 2010, including ratings and summary data submitted by discipline. For each two- and four-digit FoR the following summary information is provided:

Average Rating

The average rating across all assessed UoEs.

Assessed UoEs

The number of UoEs assessed in ERA 2010 which met the low volume threshold.

FTEs

The total number of Full-Time Equivalent staff (FTE) submitted to ERA 2010 (as of the staff census date 31 March 2009).

Research Outputs

The total number of research outputs (all research output types) submitted to ERA 2010.

Weighted Research Outputs

The total number of research outputs (all research output types) submitted to ERA 2010. For the purposes of calculating low volume threshold for peer review disciplines, one book was equivalent to five outputs. For disciplines where citation analysis was used, no weighting was applied.

Higher Education Research Data Collection (HERDC) Research Income

The total amount of research income across Categories 1—4 research income (in current Australian dollars) submitted to ERA 2010.

Esteem

The total number of esteem measures submitted to ERA 2010.

Research Commercialisation Income

The total amount of research commercialisation income (in Australian dollars) submitted to ERA 2010.

Patents Sealed

The total number of patents submitted to ERA 2010.

With the exception of *Average Rating* and *Assessed UoEs*, the two-digit information presented is the aggregate of the corresponding four-digit data.

NATIONAL ERA RATING AND VOLUME AT A GLANCE

Please refer to Page 5 of this document for descriptions of the ERA Rating Scale.

For codes with an average national rating of at or above world standard' are shaded in gradients of green.

All two-digit FoR codes shown in this table are aggregates of the four-digit FoR codes below, with the exception of the 'Average Rating' and 'Assessed UoEs' columns, which are the actual values at the two-digit FoR code level.

| Colour | Rating Range |
|--------|--------------------------------------|
| | ≥4.0 |
| | 3.0–3.9 |
| | 2.0–2.9 |
| | 1.0–1.9 |
| | n/a (not assessed due to low volume) |

| FoR Code | FoR Name | Average Rating | Assessed UoEs | FTEs | Research Outputs | Weighted* Research Outputs | Research Income (\$) | Esteem | Research Comm. Income (\$) | Patents Sealed |
|-----------|---|----------------|---------------|--------------|------------------|----------------------------|----------------------|------------|----------------------------|----------------|
| 01 | Mathematical Sciences | 3.2 | 24 | 880 | 8,659 | 8,659 | 104,624,740 | 106 | 22,368,469 | 0.7 |
| 0101 | Pure Mathematics | 3.2 | 18 | 214 | 2,363 | 2,489 | 22,439,980 | 51 | 0 | 0.0 |
| 0102 | Applied Mathematics | 3.6 | 17 | 250 | 2,910 | 2,910 | 28,932,771 | 24 | 22,368,469 | 0.7 |
| 0103 | Numerical and Computational Mathematics | 3.8 | 5 | 73 | 911 | 911 | 10,500,796 | 6 | 0 | 0.0 |
| 0104 | Statistics | 2.9 | 12 | 224 | 1,731 | 1,731 | 24,879,994 | 15 | 0 | 0.0 |
| 0105 | Mathematical Physics | 4.5 | 6 | 60 | 688 | 688 | 15,735,489 | 10 | 0 | 0.0 |
| 0199 | Other Mathematical Sciences | n/a | 0 | 59 | 55 | 55 | 2,135,709 | 0 | 0 | 0.0 |
| 02 | Physical Sciences | 3.7 | 24 | 965 | 13,666 | 13,666 | 203,346,670 | 192 | 7,241,615 | 31.0 |
| 0201 | Astronomical and Space Sciences | 4.2 | 13 | 204 | 3,374 | 3,374 | 30,102,688 | 31 | 1,102 | 0.0 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 2.9 | 11 | 152 | 2,746 | 2,746 | 28,415,537 | 29 | 58,063 | 0.0 |
| 0203 | Classical Physics | 5.0 | 1 | 33 | 441 | 441 | 3,936,524 | 6 | 0 | 3.8 |
| 0204 | Condensed Matter Physics | 3.5 | 15 | 196 | 2,425 | 2,425 | 44,050,228 | 37 | 1,584,472 | 6.8 |
| 0205 | Optical Physics | 4.0 | 12 | 189 | 3,067 | 3,067 | 45,644,092 | 45 | 5,216,985 | 13.9 |
| 0206 | Quantum Physics | 4.5 | 8 | 62 | 837 | 837 | 26,010,277 | 24 | 79,423 | 2.0 |
| 0299 | Other Physical Sciences | 3.6 | 5 | 130 | 776 | 776 | 25,187,323 | 19 | 301,570 | 2.2 |
| 03 | Chemical Sciences | 3.5 | 26 | 1,154 | 11,915 | 11,915 | 277,061,474 | 171 | 2,293,774 | 86.8 |
| 0301 | Analytical Chemistry | 3.5 | 17 | 157 | 1,883 | 1,883 | 37,583,807 | 21 | 73,847 | 6.6 |
| 0302 | Inorganic Chemistry | 2.8 | 12 | 115 | 1,791 | 1,791 | 18,724,513 | 24 | 44,076 | 11.6 |
| 0303 | Macromolecular and Materials Chemistry | 4.1 | 10 | 153 | 1,415 | 1,415 | 41,793,067 | 33 | 739,505 | 8.2 |
| 0304 | Medicinal and Biomolecular Chemistry | 3.6 | 9 | 153 | 903 | 903 | 55,555,670 | 14 | 1,368,540 | 41.0 |
| 0305 | Organic Chemistry | 2.9 | 11 | 181 | 1,534 | 1,534 | 27,916,995 | 27 | 66,609 | 17.5 |
| 0306 | Physical Chemistry (Incl. Structural) | 3.7 | 21 | 261 | 3,664 | 3,664 | 69,512,290 | 36 | 0 | 2.0 |
| 0307 | Theoretical and Computational Chemistry | 4.5 | 4 | 54 | 375 | 375 | 8,645,978 | 11 | 1,198 | 0.0 |
| 0399 | Other Chemical Sciences | 2.5 | 2 | 82 | 350 | 350 | 17,329,155 | 6 | 0 | 0.0 |
| 04 | Earth Sciences | 3.8 | 21 | 718 | 8,258 | 8,258 | 192,587,765 | 130 | 534,929 | 0.8 |
| 0401 | Atmospheric Sciences | 4.3 | 3 | 58 | 557 | 557 | 16,992,553 | 13 | 5,166 | 0.0 |
| 0402 | Geochemistry | 4.1 | 9 | 106 | 1,048 | 1,048 | 27,711,719 | 30 | 335,121 | 0.0 |
| 0403 | Geology | 4.1 | 15 | 222 | 3,073 | 3,073 | 70,745,266 | 49 | 117,723 | 0.0 |
| 0404 | Geophysics | 3.4 | 9 | 78 | 1,023 | 1,023 | 28,679,038 | 10 | 51,150 | 0.5 |
| 0405 | Oceanography | 3.6 | 8 | 71 | 977 | 977 | 14,470,284 | 12 | 219 | 0.3 |
| 0406 | Physical Geography and Environmental Geoscience | 3.7 | 13 | 147 | 1,482 | 1,482 | 32,683,022 | 16 | 25,549 | 0.0 |
| 0499 | Other Earth Sciences | n/a | 0 | 36 | 97 | 97 | 1,305,883 | 0 | 0 | 0.0 |
| 05 | Environmental Sciences | 3.3 | 25 | 665 | 4,695 | 4,695 | 237,077,004 | 77 | 28,091 | 4.1 |
| 0501 | Ecological Applications | 4.0 | 5 | 126 | 596 | 596 | 18,624,293 | 14 | 0 | 0.0 |
| 0502 | Environmental Science and Management | 3.3 | 19 | 424 | 3,065 | 3,065 | 183,957,263 | 49 | 28,091 | 0.0 |
| 0503 | Soil Sciences | 4.3 | 6 | 78 | 842 | 842 | 32,907,803 | 14 | 0 | 4.1 |
| 0599 | Other Environmental Sciences | n/a | 0 | 37 | 192 | 192 | 1,587,645 | 1 | 0 | 0.0 |
| 06 | Biological Sciences | 3.1 | 34 | 3,313 | 23,404 | 23,404 | 893,606,552 | 412 | 16,650,189 | 95.6 |
| 0601 | Biochemistry and Cell Biology | 3.0 | 23 | 1,106 | 5,991 | 5,991 | 324,368,395 | 119 | 11,570,641 | 35.1 |
| 0602 | Ecology | 3.3 | 21 | 419 | 3,673 | 3,673 | 112,402,714 | 66 | 10,532 | 1.0 |
| 0603 | Evolutionary Biology | 4.5 | 11 | 120 | 1,055 | 1,055 | 27,083,971 | 42 | 0 | 0.0 |
| 0604 | Genetics | 3.8 | 14 | 379 | 2,520 | 2,520 | 175,262,036 | 57 | 953,926 | 10.4 |
| 0605 | Microbiology | 3.2 | 20 | 352 | 2,699 | 2,699 | 79,356,638 | 30 | 3,001,546 | 30.2 |
| 0606 | Physiology | 2.9 | 7 | 123 | 1,013 | 1,013 | 23,919,768 | 10 | 3,460 | 1.3 |

* One book is equivalent to five research outputs in ERA 2010 for the calculation of Low Volume Threshold for relevant disciplines.

** All numbers shown above are rounded to the nearest unit except for 'Patents Sealed'.

NATIONAL ERA RATING AND VOLUME AT A GLANCE (CONT.)

| For Code | For Name | Average Rating | Assessed UoEs | FTEs | Research Outputs | Weighted* Research Outputs | Research Income (\$) | Esteem | Research Comm. Income (\$) | Patents Sealed |
|----------------|---|----------------|---------------|--------------|------------------|----------------------------|----------------------|------------|----------------------------|----------------|
| 0607 | Plant Biology | 4.3 | 17 | 375 | 2,984 | 2,984 | 100,315,511 | 54 | 1,110,083 | 15.2 |
| 0608 | Zoology | 3.5 | 19 | 264 | 3,119 | 3,119 | 40,738,545 | 35 | 0 | 1.5 |
| 0699 | Other Biological Sciences | n/a | 0 | 176 | 350 | 350 | 10,158,975 | 1 | 0 | 1.0 |
| 07 | Agricultural and Veterinary Sciences | 3.3 | 25 | 1,021 | 8,539 | 8,539 | 442,957,203 | 60 | 23,809,735 | 34.7 |
| 0701 | Agriculture, Land and Farm Management | n/a | 0 | 83 | 600 | 600 | 31,034,109 | 3 | 7,948 | 0.0 |
| 0702 | Animal Production | 3.7 | 7 | 145 | 1,238 | 1,238 | 65,767,423 | 8 | 4,440,174 | 1.5 |
| 0703 | Crop and Pasture Production | 4.1 | 9 | 217 | 2,057 | 2,057 | 159,314,716 | 19 | 15,643,616 | 8.2 |
| 0704 | Fisheries Sciences | 4.2 | 5 | 101 | 992 | 992 | 41,129,792 | 3 | 0 | 0.0 |
| 0705 | Forestry Sciences | 3.5 | 4 | 88 | 862 | 862 | 38,562,444 | 9 | 0 | 10.8 |
| 0706 | Horticultural Production | 4.7 | 3 | 80 | 626 | 626 | 40,913,573 | 7 | 16,827 | 5.6 |
| 0707 | Veterinary Sciences | 2.5 | 8 | 251 | 1,942 | 1,942 | 49,993,763 | 10 | 3,701,170 | 8.7 |
| 0799 | Other Agricultural and Veterinary Sciences | n/a | 0 | 55 | 221 | 221 | 16,241,384 | 1 | 0 | 0.0 |
| 08 | Information and Computing Sciences | 2.7 | 24 | 1,792 | 24,656 | 24,656 | 238,748,216 | 101 | 14,849,644 | 13.8 |
| 0801 | Artificial Intelligence and Image Processing | 3.3 | 9 | 487 | 7,409 | 7,409 | 72,665,746 | 42 | 5,977,511 | 6.4 |
| 0802 | Computation Theory and Mathematics | 3.0 | 3 | 76 | 1,447 | 1,447 | 10,001,041 | 7 | 38,037 | 0.8 |
| 0803 | Computer Software | 4.0 | 1 | 195 | 2,234 | 2,234 | 19,652,506 | 14 | 1,012,819 | 1.0 |
| 0804 | Data Format | n/a | 0 | 76 | 1,442 | 1,442 | 10,014,425 | 5 | 216,919 | 0.0 |
| 0805 | Distributed Computing | 4.0 | 1 | 120 | 1,839 | 1,839 | 17,325,400 | 4 | 0 | 1.0 |
| 0806 | Information Systems | 3.7 | 6 | 789 | 7,892 | 7,892 | 58,000,706 | 24 | 7,604,359 | 3.5 |
| 0807 | Library and Information Studies | 3.3 | 3 | 148 | 1,141 | 1,141 | 15,129,381 | 3 | 0 | 1.0 |
| 0899 | Other Information and Computing Sciences | n/a | 0 | 159 | 1,250 | 1,250 | 35,959,010 | 2 | 0 | 0.0 |
| 09 | Engineering | 3.0 | 31 | 2,857 | 37,382 | 37,382 | 777,961,538 | 474 | 21,452,848 | 195.8 |
| 0901 | Aerospace Engineering | 5.0 | 1 | 53 | 626 | 626 | 5,828,811 | 1 | 0 | 0.0 |
| 0902 | Automotive Engineering | n/a | 0 | 34 | 549 | 549 | 4,677,737 | 4 | 0 | 0.0 |
| 0903 | Biomedical Engineering | 3.3 | 8 | 168 | 1,818 | 1,818 | 37,195,768 | 22 | 7,378,915 | 33.0 |
| 0904 | Chemical Engineering | 2.9 | 14 | 304 | 3,905 | 3,905 | 93,484,177 | 84 | 1,098,085 | 19.6 |
| 0905 | Civil Engineering | 3.7 | 15 | 359 | 6,143 | 6,143 | 93,741,937 | 52 | 1,715,115 | 27.1 |
| 0906 | Electrical and Electronic Engineering | 3.7 | 18 | 476 | 7,331 | 7,331 | 113,887,512 | 69 | 6,167,580 | 46.4 |
| 0907 | Environmental Engineering | 4.0 | 5 | 103 | 1,254 | 1,254 | 32,241,963 | 28 | 428,667 | 1.3 |
| 0908 | Food Sciences | 3.3 | 4 | 70 | 676 | 676 | 11,704,188 | 5 | 253,466 | 2.2 |
| 0909 | Geomatic Engineering | 2.7 | 3 | 92 | 1,090 | 1,090 | 18,372,244 | 19 | 205,000 | 1.0 |
| 0910 | Manufacturing Engineering | 4.0 | 2 | 74 | 783 | 783 | 22,081,694 | 12 | 4,574 | 11.4 |
| 0911 | Maritime Engineering | n/a | 0 | 32 | 299 | 299 | 3,990,691 | 4 | 0 | 0.4 |
| 0912 | Materials Engineering | 3.5 | 18 | 337 | 5,190 | 5,190 | 109,747,643 | 73 | 476,835 | 18.1 |
| 0913 | Mechanical Engineering | 3.8 | 12 | 303 | 4,237 | 4,237 | 77,718,770 | 44 | 605,060 | 27.5 |
| 0914 | Resources Engineering and Extractive Metallurgy | 4.1 | 7 | 239 | 2,026 | 2,026 | 119,074,799 | 41 | 3,086,423 | 6.3 |
| 0915 | Interdisciplinary Engineering | 4.5 | 4 | 88 | 1,002 | 1,002 | 24,764,275 | 13 | 0 | 1.5 |
| 0999 | Other Engineering | n/a | 0 | 127 | 456 | 456 | 9,449,328 | 3 | 33,129 | 0.0 |
| 10(BB) | Technology | 5.0 | 1 | 182 | 621 | 621 | 33,733,511 | 16 | 4,373,498 | 13.8 |
| 1001 | Agricultural Biotechnology | n/a | 0 | 53 | 171 | 171 | 8,744,996 | 4 | 1,073,107 | 4.6 |
| 1002 | Environmental Biotechnology | 5.0 | 1 | 26 | 188 | 188 | 7,776,561 | 5 | 0 | 0.3 |
| 1003 | Industrial Biotechnology | 5.0 | 1 | 17 | 126 | 126 | 8,323,761 | 6 | 2,575,454 | 0.0 |
| 1004 | Medical Biotechnology | n/a | 0 | 85 | 136 | 136 | 8,888,193 | 2 | 724,937 | 8.8 |
| 10(MIC) | Technology | 2.7 | 6 | 316 | 4,318 | 4,318 | 74,819,298 | 51 | 20,026 | 20.2 |
| 1005 | Communications Technologies | 4.0 | 2 | 171 | 2,638 | 2,638 | 35,132,946 | 28 | 0 | 12.0 |
| 1006 | Computer Hardware | n/a | 0 | 28 | 856 | 856 | 7,659,923 | 1 | 0 | 0.5 |
| 1007 | Nanotechnology | 4.0 | 4 | 72 | 704 | 704 | 31,798,419 | 23 | 0 | 7.7 |
| 1099 | Other Technology | n/a | 0 | 45 | 120 | 120 | 228,011 | 0 | 20,026 | 0.0 |
| 11(BCH) | Medical and Health Sciences | 3.2 | 35 | 4,581 | 45,157 | 45,157 | 2,089,198,281 | 372 | 239,989,733 | 161.8 |
| 1101 | Medical Biochemistry and Metabolomics | 3.8 | 4 | 114 | 612 | 612 | 26,149,182 | 9 | 2,174,478 | 11.0 |
| 1102 | Cardiovascular Medicine and Haematology | 4.5 | 11 | 225 | 2,310 | 2,310 | 141,360,847 | 18 | 2,245,902 | 3.5 |
| 1103 | Clinical Sciences | 3.2 | 30 | 1,683 | 20,896 | 20,896 | 757,668,507 | 99 | 48,299,685 | 33.9 |
| 1105 | Dentistry | 3.8 | 6 | 189 | 1,105 | 1,105 | 49,105,075 | 2 | 1,520,733 | 10.8 |

* One book is equivalent to five research outputs in ERA 2010 for the calculation of Low Volume Threshold for relevant disciplines.
 ** All numbers shown above are rounded to the nearest unit except for 'Patents Sealed'.

NATIONAL ERA RATING AND VOLUME AT A GLANCE (CONT.)

| For Code | For Name | Average Rating | Assessed UoEs | FTEs | Research Outputs | Weighted* Research Outputs | Research Income (\$) | Esteem | Research Comm. Income (\$) | Patents Sealed |
|----------------|---|----------------|---------------|--------------|------------------|----------------------------|----------------------|------------|----------------------------|----------------|
| 1107 | Immunology | 4.5 | 11 | 341 | 2,228 | 2,228 | 204,966,658 | 41 | 77,488,127 | 19.8 |
| 1108 | Medical Microbiology | 3.8 | 12 | 163 | 1,404 | 1,404 | 73,081,115 | 15 | 542,627 | 20.4 |
| 1109 | Neurosciences | 3.4 | 17 | 543 | 4,056 | 4,056 | 287,646,446 | 82 | 609,038 | 15.8 |
| 1112 | Oncology and Carcinogenesis | 4.3 | 12 | 269 | 2,307 | 2,307 | 232,346,860 | 16 | 2,011,133 | 5.1 |
| 1113 | Ophthalmology and Optometry | 3.3 | 7 | 121 | 1,506 | 1,506 | 37,839,925 | 9 | 1,337,094 | 13.7 |
| 1114 | Paediatrics and Reproductive Medicine | 2.6 | 14 | 330 | 3,558 | 3,558 | 121,260,330 | 35 | 90,717,491 | 3.6 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 3.4 | 19 | 422 | 3,729 | 3,729 | 109,532,745 | 26 | 12,554,860 | 17.8 |
| 1116 | Medical Physiology | 4.7 | 18 | 181 | 1,446 | 1,446 | 48,240,591 | 21 | 488,564 | 6.4 |
| 11(PAH) | Medical and Health Sciences | 2.7 | 38 | 3,985 | 18,692 | 18,692 | 873,516,867 | 471 | - | 8.2 |
| 1104 | Complementary and Alternative Medicine | n/a | 0 | 88 | 425 | 425 | 10,232,641 | 11 | - | 1.0 |
| 1106 | Human Movement and Sports Science | 3.7 | 19 | 349 | 2,892 | 2,892 | 32,500,432 | 13 | - | 0.4 |
| 1110 | Nursing | 3.4 | 23 | 774 | 3,098 | 3,098 | 50,878,800 | 27 | - | 0.0 |
| 1111 | Nutrition and Diabetics | 3.1 | 13 | 141 | 1,210 | 1,210 | 24,606,987 | 11 | - | 0.4 |
| 1117 | Public Health and Health Services | 2.3 | 27 | 1,893 | 10,648 | 10,648 | 686,549,160 | 395 | - | 4.0 |
| 1199 | Other Medical and Health Sciences | n/a | 0 | 741 | 419 | 419 | 68,748,847 | 15 | - | 2.4 |
| 12(EE) | Built Environment and Design | 2.5 | 12 | 145 | 1,571 | 1,571 | 12,191,063 | 1 | 0 | 2.0 |
| 1202 | Building | 2.6 | 11 | 135 | 1,537 | 1,537 | 11,663,141 | 1 | 0 | 2.0 |
| 1204 | Engineering Design | n/a | 0 | 10 | 34 | 35 | 527,922 | 0 | 0 | 0.0 |
| 12(HCA) | Built Environment and Design | 2.5 | 22 | 732 | 5,389 | 5,861 | 39,099,024 | 26 | 1,637 | 2.0 |
| 1201 | Architecture | 3.0 | 16 | 289 | 2,527 | 2,758 | 13,131,803 | 10 | 1,637 | 1.0 |
| 1203 | Design Practice and Management | 2.5 | 8 | 229 | 1,322 | 1,405 | 5,278,904 | 1 | 0 | 1.0 |
| 1205 | Urban and Regional Planning | 3.1 | 15 | 139 | 1,452 | 1,611 | 17,900,875 | 15 | 0 | 0.0 |
| 1299 | Other Built Environment and Design | n/a | 0 | 75 | 87 | 88 | 2,787,441 | 0 | 0 | 0.0 |
| 13 | Education | 2.2 | 39 | 2,886 | 16,669 | 17,990 | 144,517,609 | 60 | 1,853,031 | - |
| 1301 | Education Systems | 2.1 | 32 | 475 | 2,976 | 3,287 | 35,102,967 | 13 | 137,555 | - |
| 1302 | Curriculum and Pedagogy | 2.3 | 37 | 912 | 5,739 | 6,134 | 31,308,351 | 17 | 457,488 | - |
| 1303 | Specialist Studies in Education | 2.5 | 36 | 1,018 | 7,377 | 7,948 | 72,294,500 | 23 | 1,256,630 | - |
| 1399 | Other Education | 1.0 | 4 | 482 | 577 | 621 | 5,811,791 | 7 | 1,357 | - |
| 14 | Economics | 2.2 | 35 | 1,031 | 6,897 | 7,563 | 137,602,241 | 104 | 175,041 | - |
| 1401 | Economic Theory | 3.1 | 10 | 109 | 673 | 750 | 5,549,639 | 13 | 0 | - |
| 1402 | Applied Economics | 2.1 | 33 | 679 | 5,244 | 5,753 | 110,891,233 | 71 | 137,494 | - |
| 1403 | Econometrics | 3.3 | 6 | 92 | 425 | 445 | 16,643,069 | 15 | 37,547 | - |
| 1499 | Other Economics | 2.0 | 6 | 151 | 556 | 614 | 4,518,300 | 6 | 0 | - |
| 15 | Commerce, Management, Tourism and Services | 2.2 | 39 | 3,137 | 20,612 | 22,069 | 116,227,222 | 75 | 84,580 | - |
| 1501 | Accounting, Auditing and Accountability | 2.5 | 28 | 609 | 2,454 | 2,612 | 9,392,959 | 9 | 0 | - |
| 1502 | Banking, Finance and Investment | 2.7 | 19 | 336 | 1,482 | 1,589 | 14,175,470 | 10 | 31,244 | - |
| 1503 | Business and Management | 2.2 | 39 | 1,160 | 9,537 | 10,328 | 50,226,012 | 49 | 53,335 | - |
| 1504 | Commercial Services | 2.4 | 8 | 80 | 570 | 619 | 2,226,070 | 1 | 0 | - |
| 1505 | Marketing | 2.2 | 29 | 390 | 3,525 | 3,624 | 16,897,073 | 3 | 0 | - |
| 1506 | Tourism | 2.5 | 24 | 212 | 2,352 | 2,554 | 20,522,102 | 0 | 0 | - |
| 1507 | Transportation and Freight Services | 4.0 | 1 | 23 | 317 | 341 | 2,356,799 | 2 | 0 | - |
| 1599 | Other Commerce, Management, Tourism and Services | 1.0 | 1 | 327 | 375 | 402 | 430,736 | 0 | 0 | - |
| 16 | Studies in Human Society | 2.1 | 38 | 2,200 | 16,480 | 19,595 | 239,244,308 | 275 | 50,975 | - |
| 1601 | Anthropology | 3.1 | 12 | 160 | 1,153 | 1,359 | 16,247,474 | 60 | 43,422 | - |
| 1602 | Criminology | 2.5 | 13 | 132 | 892 | 1,086 | 15,731,346 | 20 | 0 | - |
| 1603 | Demography | 2.2 | 5 | 50 | 608 | 665 | 11,478,638 | 7 | 0 | - |
| 1604 | Human Geography | 2.7 | 19 | 154 | 1,096 | 1,212 | 16,599,845 | 20 | 822 | - |
| 1605 | Policy and Administration | 2.0 | 27 | 308 | 2,613 | 2,988 | 58,721,663 | 32 | 0 | - |
| 1606 | Political Science | 2.3 | 30 | 456 | 4,300 | 5,488 | 36,523,512 | 55 | 0 | - |
| 1607 | Social Work | 2.8 | 18 | 223 | 1,265 | 1,403 | 20,836,622 | 13 | 822 | - |
| 1608 | Sociology | 2.4 | 34 | 466 | 3,537 | 4,216 | 51,843,433 | 50 | 1,644 | - |
| 1699 | Other Studies in Human Society | 2.6 | 12 | 251 | 1,016 | 1,178 | 11,261,774 | 18 | 4,264 | - |
| 17 | Psychology and Cognitive Sciences | 2.5 | 31 | 1,336 | 10,261 | 10,261 | 153,511,666 | 143 | 1,249,032 | - |

* One book is equivalent to five research outputs in ERA 2010 for the calculation of Low Volume Threshold for relevant disciplines.

** All numbers shown above are rounded to the nearest unit except for 'Patents Sealed'.

NATIONAL ERA RATING AND VOLUME AT A GLANCE (CONT.)

| For Code | For Name | Average Rating | Assessed UoEs | FTEs | Research Outputs | Weighted* Research Outputs | Research Income (\$) | Esteem | Research Comm. Income (\$) | Patents Sealed |
|-----------|---|----------------|---------------|--------------|------------------|----------------------------|----------------------|------------|----------------------------|----------------|
| 1701 | Psychology | 2.6 | 28 | 1,043 | 8,186 | 8,186 | 130,671,312 | 114 | 1,249,032 | - |
| 1702 | Cognitive Sciences | 3.1 | 11 | 171 | 1,981 | 1,981 | 22,164,299 | 29 | 0 | - |
| 1799 | Other Psychology and Cognitive Sciences | n/a | 0 | 122 | 94 | 94 | 676,055 | 1 | 0 | - |
| 18 | Law and Legal Studies | 2.7 | 35 | 1,313 | 8,366 | 9,861 | 46,162,580 | 54 | - | - |
| 1801 | Law | 2.7 | 35 | 1,193 | 8,341 | 9,822 | 45,739,080 | 54 | - | - |
| 1802 | Maori Law | n/a | 0 | 0 | 0 | 0 | 44,942 | 0 | - | - |
| 1899 | Other Law and Legal Studies | n/a | 0 | 119 | 25 | 38 | 378,558 | 0 | - | - |
| 19 | Studies in Creative Arts and Writing | 2.8 | 38 | 1,556 | 15,247 | 16,305 | 26,460,056 | 145 | 721,725 | 0.0 |
| 1901 | Art Theory and Criticism | 3.3 | 10 | 109 | 1,366 | 1,578 | 2,643,097 | 18 | 2,434 | 0.0 |
| 1902 | Film, Television and Digital Media | 2.9 | 21 | 255 | 2,138 | 2,352 | 7,469,975 | 18 | 522,341 | 0.0 |
| 1903 | Journalism and Professional Writing | 2.8 | 12 | 107 | 1,200 | 1,200 | 1,432,598 | 1 | 0 | 0.0 |
| 1904 | Performing Arts and Creative Writing | 3.1 | 30 | 589 | 6,166 | 6,531 | 8,875,365 | 62 | 196,950 | 0.0 |
| 1905 | Visual Arts and Crafts | 2.6 | 22 | 366 | 4,406 | 4,532 | 5,855,975 | 45 | 0 | 0.0 |
| 1999 | Other Studies in Creative Arts and Writing | n/a | 0 | 131 | 101 | 112 | 183,046 | 2 | 0 | 0.0 |
| 20 | Language, Communication and Culture | 2.8 | 36 | 1,610 | 10,366 | 13,100 | 86,157,851 | 183 | 47,277 | - |
| 2001 | Communication and Media Studies | 3.0 | 19 | 264 | 1,490 | 1,807 | 13,635,442 | 14 | 3,433 | - |
| 2002 | Cultural Studies | 2.9 | 30 | 380 | 2,894 | 3,645 | 29,375,801 | 47 | 0 | - |
| 2003 | Language Studies | 2.8 | 9 | 206 | 647 | 888 | 4,593,743 | 8 | 33,885 | - |
| 2004 | Linguistics | 3.3 | 18 | 256 | 2,181 | 2,700 | 19,202,111 | 47 | 9,960 | - |
| 2005 | Literary Studies | 3.0 | 24 | 365 | 3,071 | 3,976 | 16,140,858 | 64 | 0 | - |
| 2099 | Other Language, Communication and Culture | n/a | 0 | 139 | 82 | 84 | 3,209,896 | 3 | 0 | - |
| 21 | History and Archaeology | 3.0 | 33 | 703 | 6,203 | 8,428 | 67,296,782 | 242 | 58,681 | 0.0 |
| 2101 | Archaeology | 3.5 | 11 | 118 | 1,267 | 1,500 | 19,843,018 | 62 | 8,643 | - |
| 2102 | Curatorial and Related Studies | 4.0 | 1 | 27 | 300 | 314 | 2,616,647 | 3 | 0 | 0.0 |
| 2103 | Historical Studies | 3.1 | 31 | 527 | 4,597 | 6,564 | 44,504,200 | 176 | 50,038 | - |
| 2199 | Other History and Archaeology | n/a | 0 | 31 | 39 | 50 | 332,918 | 1 | 0 | - |
| 22 | Philosophy and Religious Studies | 3.0 | 25 | 591 | 5,068 | 6,472 | 38,376,661 | 102 | 822 | - |
| 2201 | Applied Ethics | 3.1 | 8 | 95 | 646 | 799 | 7,602,215 | 6 | 0 | - |
| 2202 | History and Philosophy of Specific Fields | 3.4 | 8 | 94 | 962 | 1,214 | 5,343,743 | 25 | 0 | - |
| 2203 | Philosophy | 3.3 | 19 | 202 | 1,907 | 2,363 | 13,847,501 | 55 | 0 | - |
| 2204 | Religion and Religious Studies | 2.9 | 15 | 181 | 1,515 | 2,041 | 11,571,899 | 15 | 822 | - |
| 2299 | Other Philosophy and Religious Studies | n/a | 0 | 19 | 39 | 55 | 11,303 | 0 | 0 | - |

* One book is equivalent to five research outputs in ERA 2010 for the calculation of Low Volume Threshold for relevant disciplines.

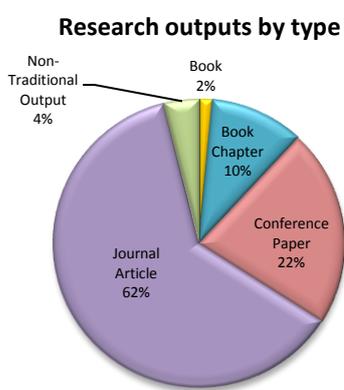
** All numbers shown above are rounded to the nearest unit except for 'Patents Sealed'.

ERA 2010 – NATIONAL OVERVIEW

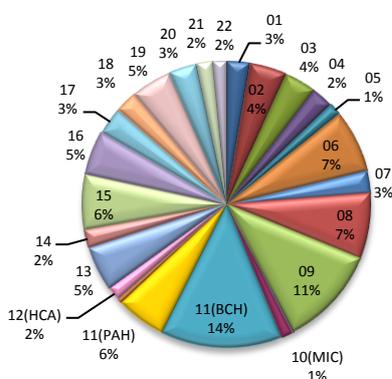
Research Outputs

All 41 eligible higher education institutions submitted research outputs for assessment to the ERA 2010 evaluation. Over 333,000 outputs across 156² four-digit field of research (FoR) codes were submitted. The majority of the outputs submitted were journal articles (62%) followed by conference papers (22%). Non-traditional research outputs (NTRO)³ constituted approximately four per cent (4%) of the outputs submitted to ERA.

See **Section 3** for a further breakdown of research outputs submitted.

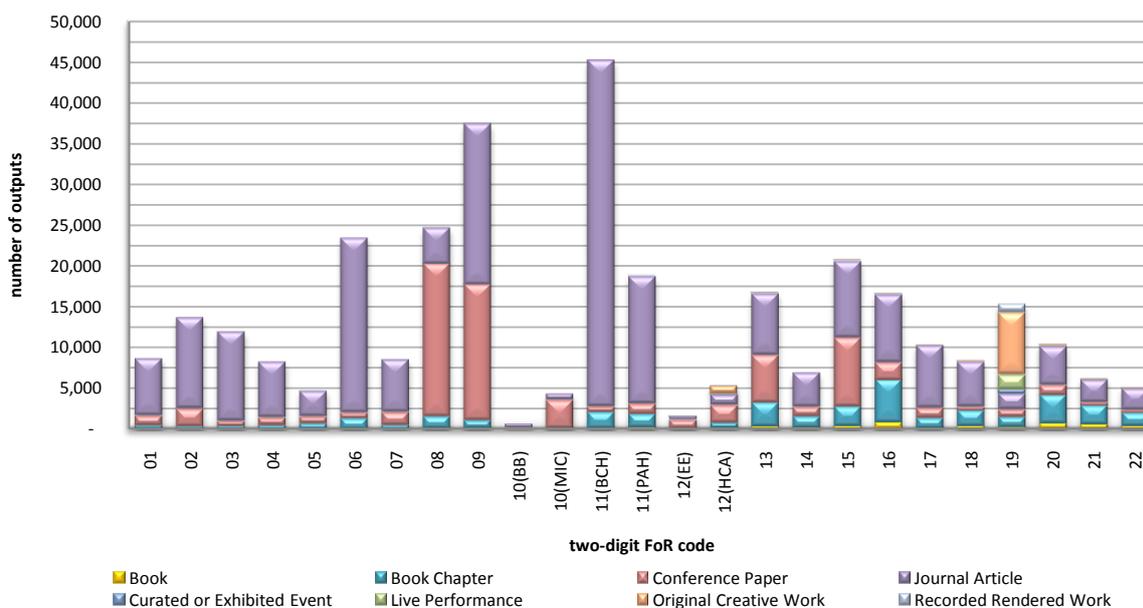


Research outputs by two-digit FoR code



Note: Labels do not show for those FoR codes that constitute less than 2% of the total research outputs. See **Section 3** for a further breakdown.

Research outputs by two-digit FoR codes by type

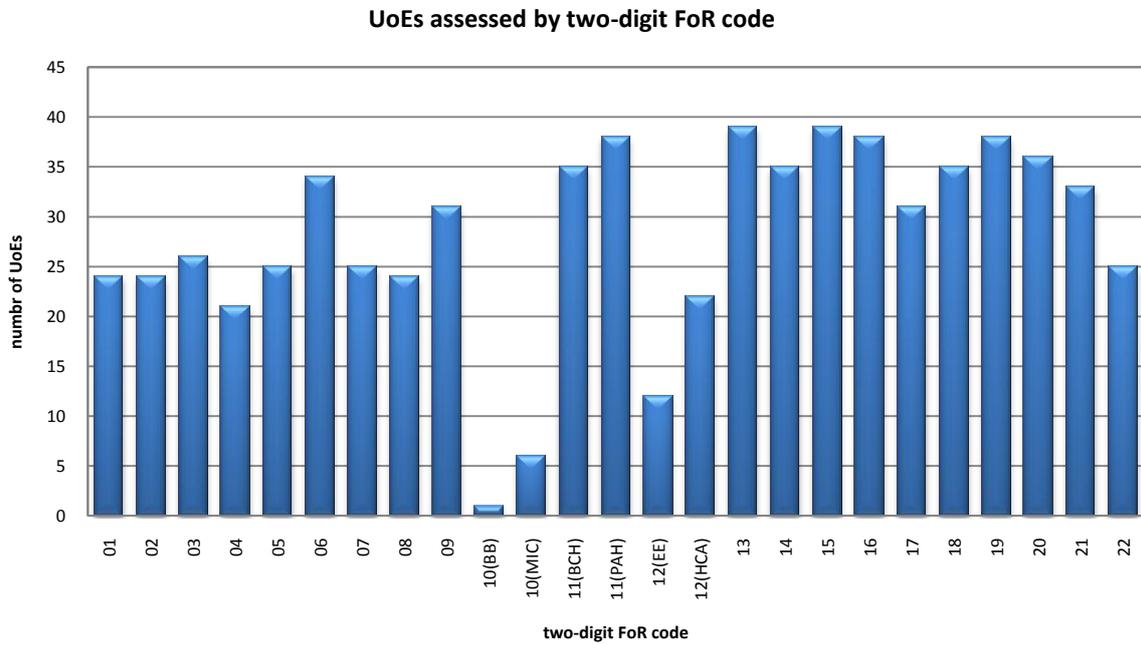


² No outputs were submitted to Maori Law (1802).

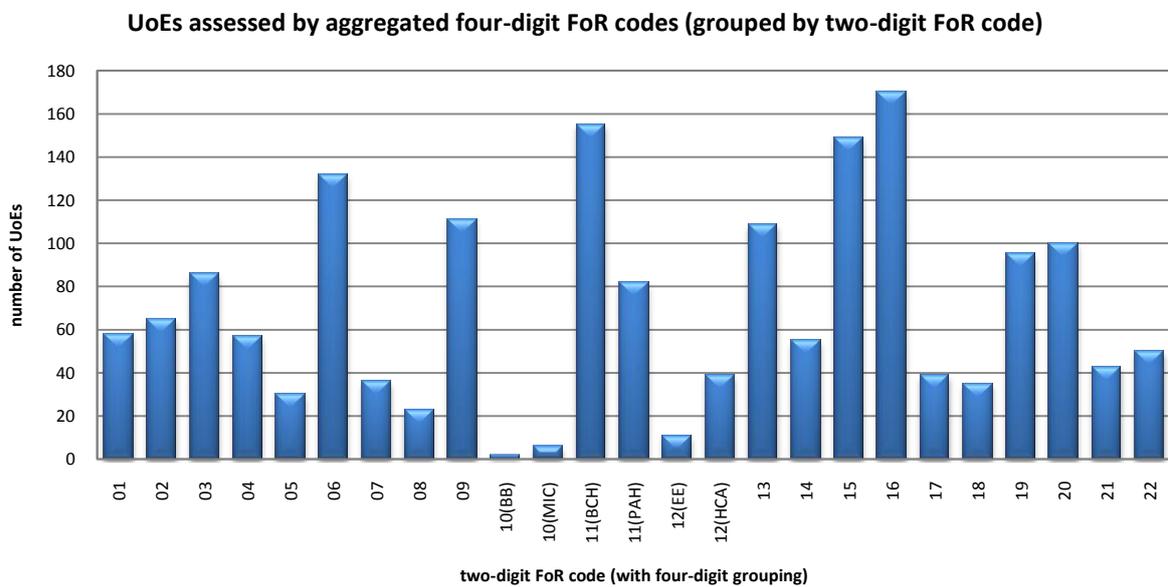
³ Non-traditional research outputs include: curated or exhibited event, live performance, original creative work, recorded rendered work.

Assessed Unit of Evaluation

A total of 2,435 units of evaluation (UoEs) were assessed in the ERA 2010 process. See **Section 2** for a further breakdown.



Note: the table shows only those units assessed at the two-digit FoR code level, i.e. it does not show four-digit UoEs.



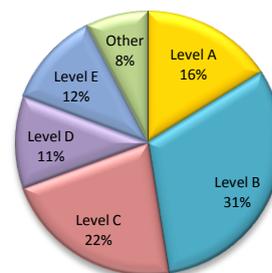
Note: the two-digit groupings shown above are an aggregation of those units assessed at the four-digit FoR code level.

Staffing Profile

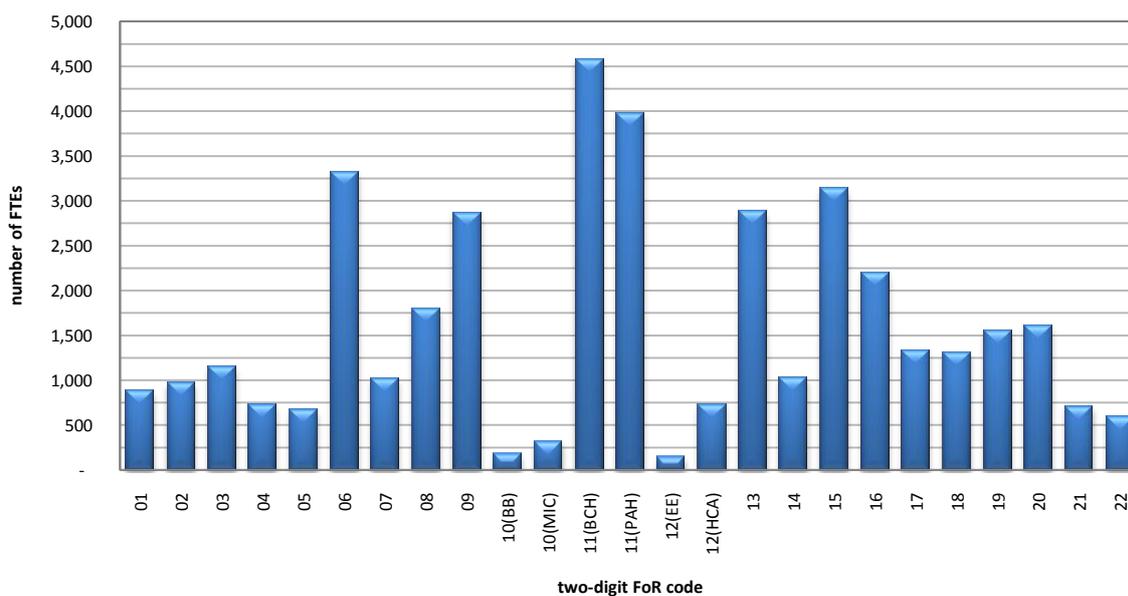
Approximately 40,000 eligible Full-time Equivalent (FTE) staff members, accounting for over 55,000 individuals, were submitted to ERA 2010. See **Section 3** for a further breakdown.

| HESDC | FTE | % FTE | Headcount | % Headcount |
|--------------|---------------|-------------|---------------|-------------|
| Level E | 4,650 | 12% | 5,465 | 10% |
| Level D | 4,459 | 11% | 5,170 | 9% |
| Level C | 8,719 | 22% | 9,965 | 18% |
| Level B | 12,470 | 31% | 14,092 | 25% |
| Level A | 6,371 | 16% | 7,383 | 13% |
| Other | 2,999 | 8% | 13,767 | 25% |
| Total | 39,668 | 100% | 55,842 | 100% |

FTE by Higher Education Staff Data Collection (HESDC) Level

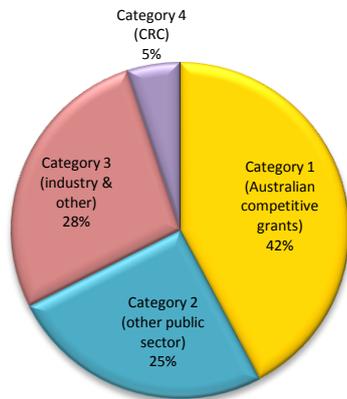


Staffing Profile by two-digit FoR code



HERDC Research Income Summary (All Categories)

HERDC research income by category

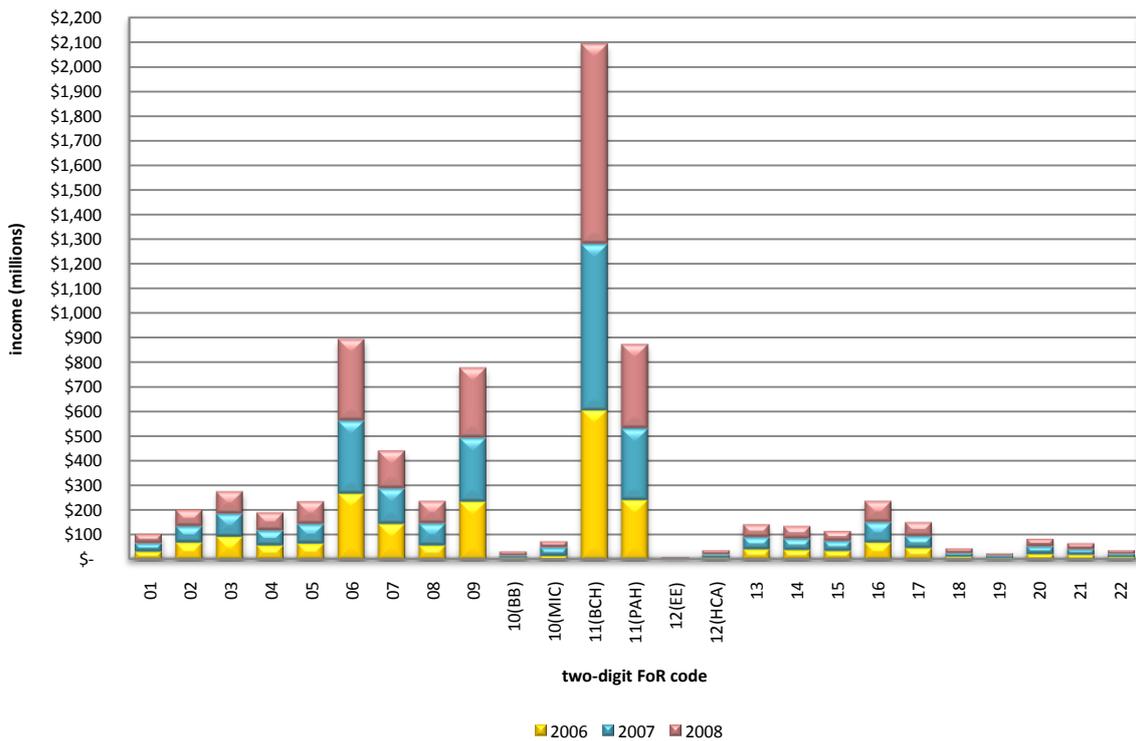


Forty-two per cent (42%) of all research income submitted to ERA 2010 was HERDC Category 1 – Australian Competitive Grants.

A total of \$7.5 billion research funding was submitted to ERA 2010.

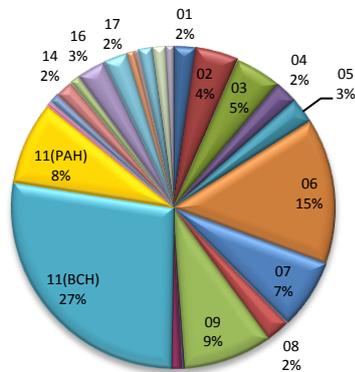
See **Section 3** for a further breakdown.

HERDC research income by year (all categories)



HERDC Category 1 – Australian Competitive Grants Research Income

HERDC Category 1 research income by two-digit FoR code

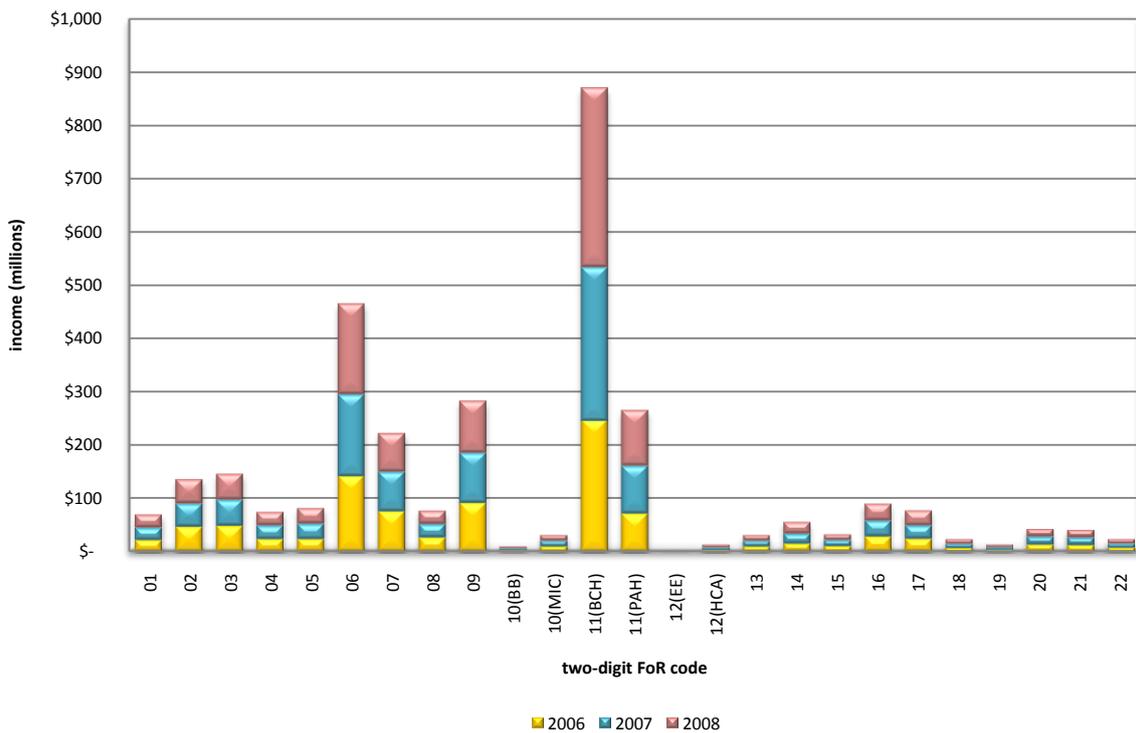


A total of \$3.2 billion of Australian Competitive Grant income was submitted to ERA 2010.

See **Section 3** for a further breakdown.

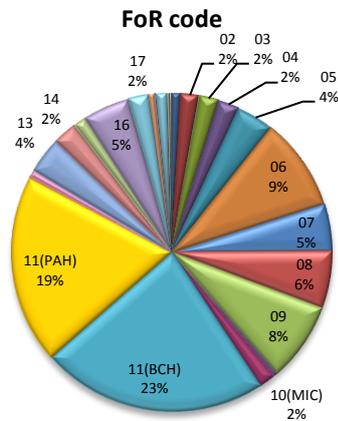
*Note: Labels do not show for FoR codes that constitute less than 2% of the total income for the Category. See **Section 3** for a further breakdown.*

HERDC Category 1 research income by year by two-digit FoR code



HERDC Category 2 – Other Public Sector Research Income

HERDC Category 2 research income by two-digit

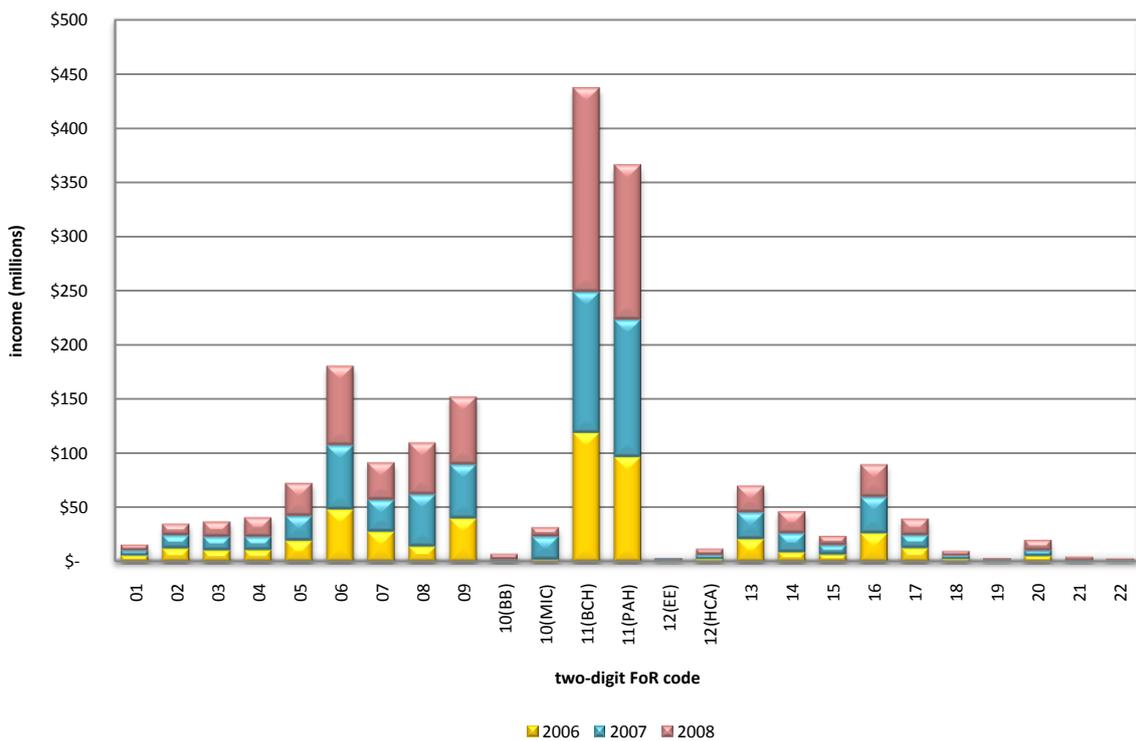


A total of \$1.9 billion of Other Public Sector Income was submitted to ERA 2010.

See **Section 3** for a further breakdown.

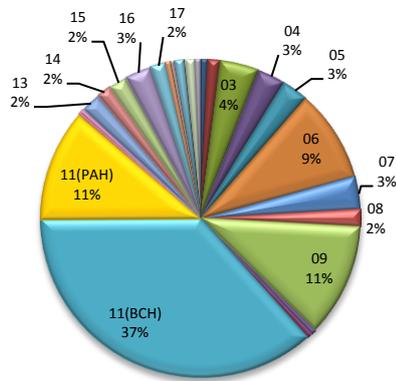
Note: Labels do not show for FoR codes that constitute less than 2% of the total income for the Category. See **Section 3** for a further breakdown.

HERDC Category 2 research income by year by two-digit FoR code



HERDC Category 3 – Industry and Other Research Income

HERDC Category 3 research income by two-digit FoR code

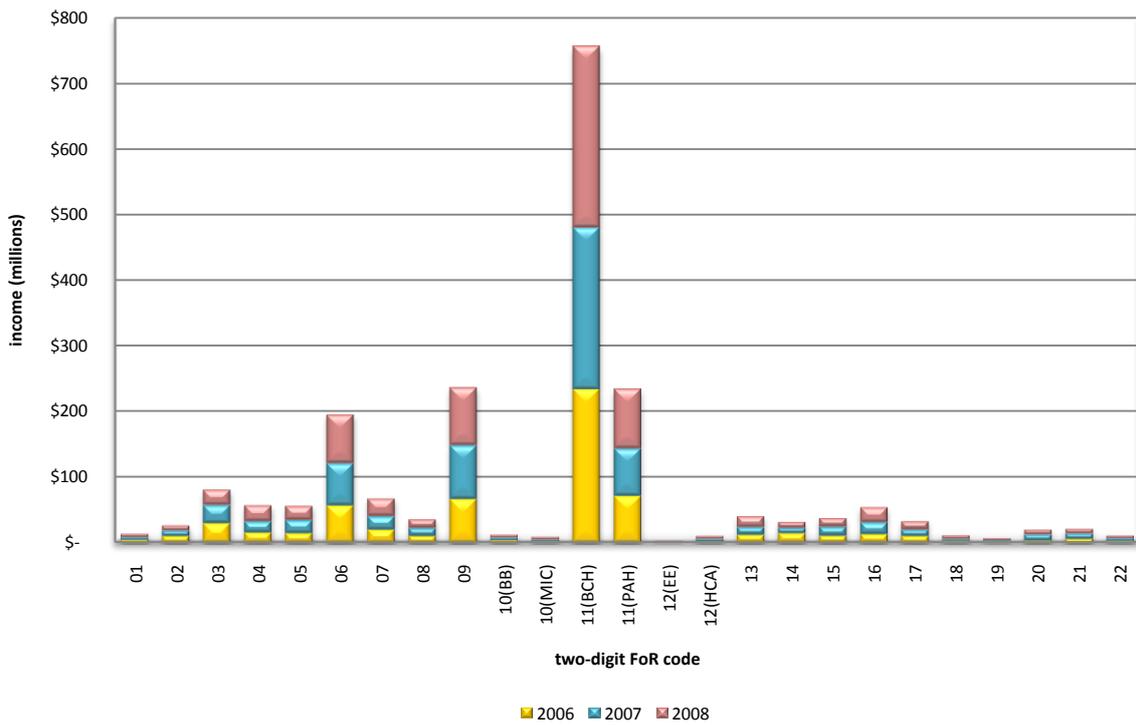


A total of \$2.1 billion of Industry and Other Research Income was submitted to ERA 2010.

See **Section 3** for a further breakdown.

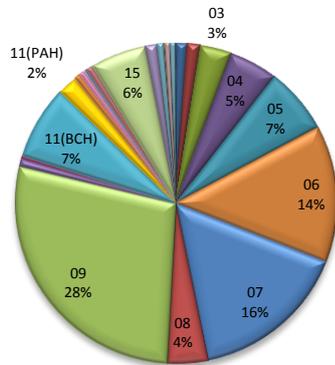
*Note: Labels do not show for FoR codes that constitute less than 2% of the total income for the Category. See **Section 3** for a further breakdown.*

HERDC Category 3 research income by year by two-digit FoR code



HERDC Category 4 – CRC Research Income

HERDC Category 4 research income by two-digit FoR code

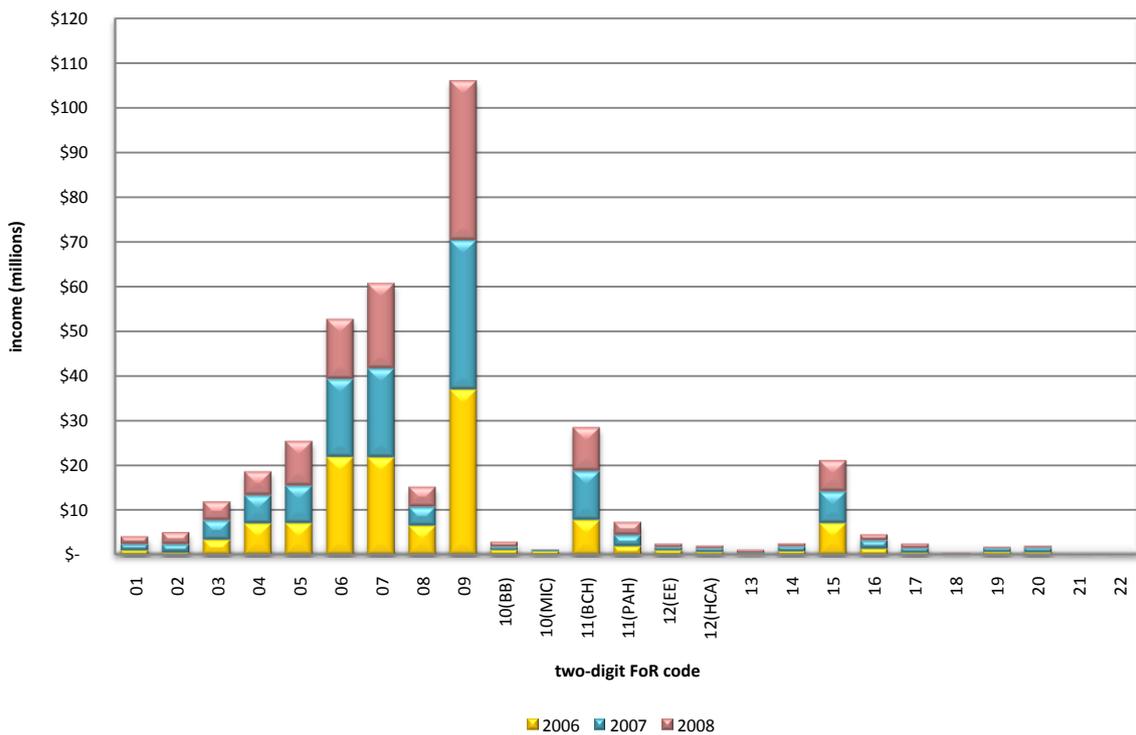


A total of \$381 million of CRC (Cooperative Research Centre) Research Income was submitted to ERA.

See **Section 3** for a further breakdown.

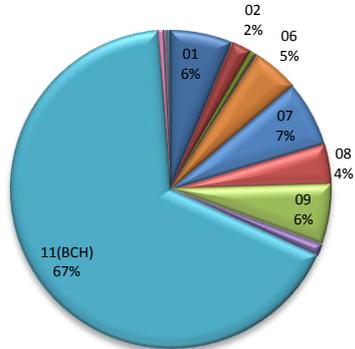
*Note: Labels do not show for FoR codes that constitute less than 2% of the total income for the Category. See **Section 3** for a further breakdown.*

HERDC Category 4 research income by year by two-digit FoR code



Research Commercialisation Income

Research commercialisation income by two-digit FoR code

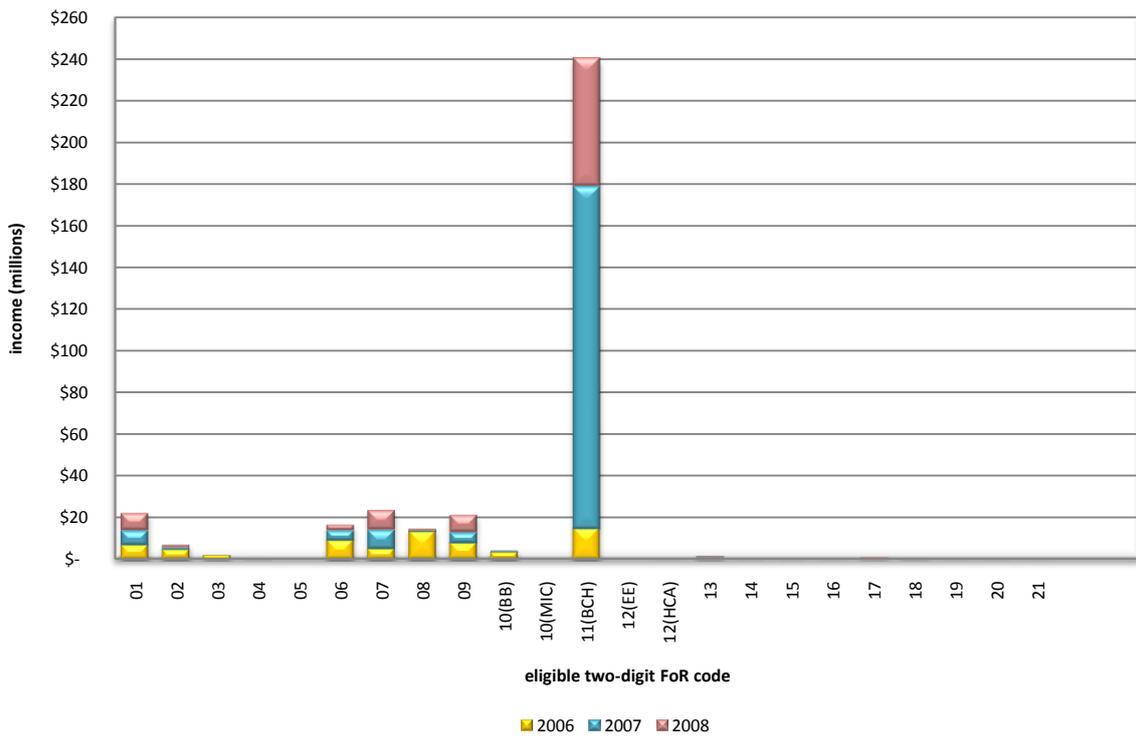


A total of \$358 million of Research Commercialisation Income was submitted to ERA 2010.

See **Section 3** for a further breakdown.

*Note: Labels do not show for FoR codes that constitute less than 2% of the total Research Commercialisation income. See **Section 3** for a further breakdown.*

Research commercialisation income by year by two-digit FoR code



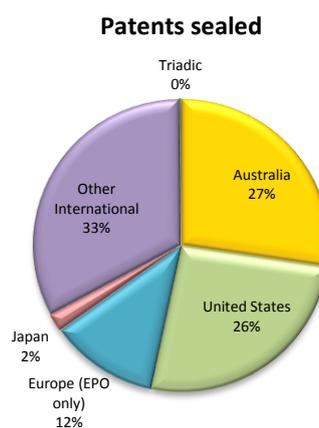
Patents Sealed

Eligible patents for ERA 2010 include Australian standard patents and their international equivalents but not Australian innovation patents.

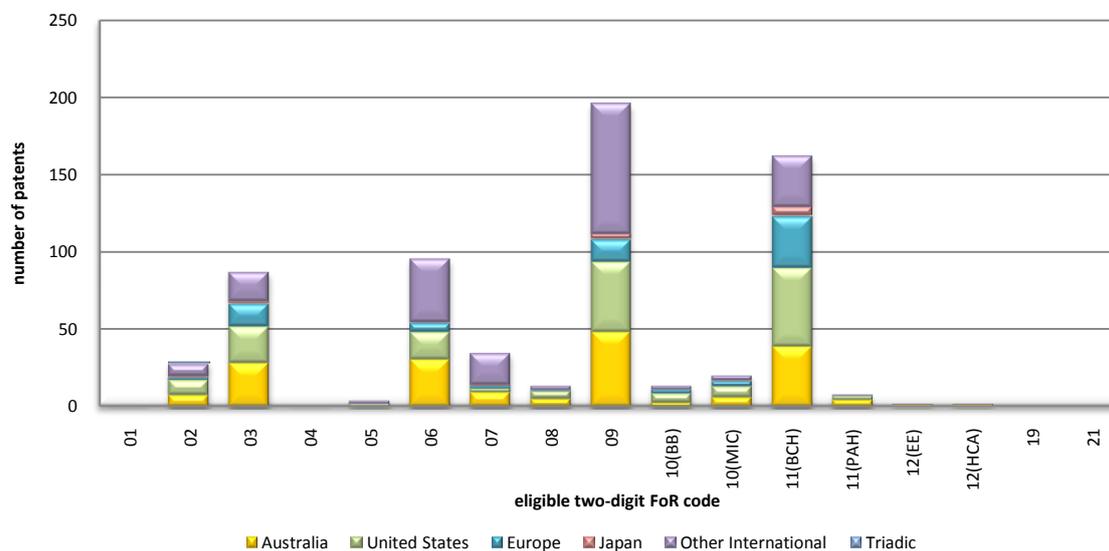
A total of 671 patents were submitted to ERA 2010. Over a third of all patents submitted were sealed in the category of Other International which includes all other countries not listed in the pie chart below. The only triadic patent sealed was wholly submitted to Classical Physics (0203). Triadic patents are patents that are a series of corresponding patents filed at the European Patent Office (EPO), the United States Patent and Trademark Office (USPTO) and the Japan Patent Office (JPO), for the same invention by the same applicant or inventor. For the purposes of ERA 2010, triadic patents count as three patents for the national total. See **Section 3** for a further breakdown.

| Country or Type | Patents Sealed |
|----------------------------|----------------|
| Australia | 183 |
| United States | 174 |
| Europe (EPO only) | 79 |
| Japan | 13 |
| Other International | 219 |
| Triadic* | 1 |
| Total | 671 |

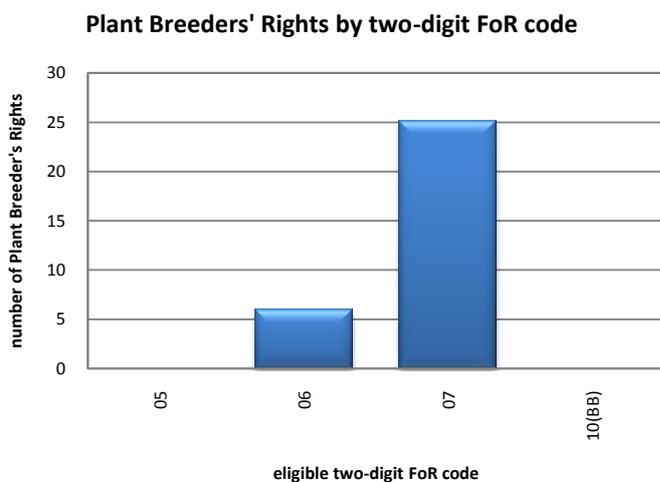
*Triadic patents count as three patents in the total.



Patents sealed by two-digit FoR code



Plant Breeder's Rights



Eligible Plant Breeder's Rights for ERA 2010 are those granted under the *Plant Breeder's Rights Act 1994* or their international equivalents. Provisional protection Plant Breeder's Rights were ineligible for submission.

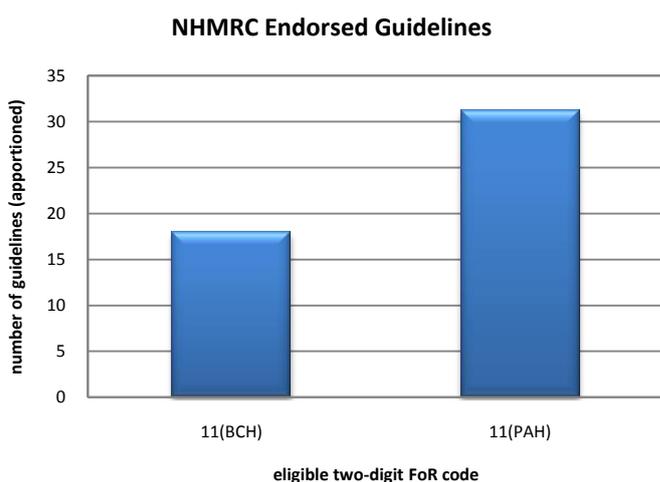
A total of 31 Plant Breeder's Rights were submitted to ERA 2010.

See **Section 3** for a further breakdown.

Registered Designs

Registered Designs must demonstrate a clear link between the Registered Design and the related research to be eligible for submission to ERA 2010. Only those Registered Designs which were certified in Australia were eligible for submission. As a result, not all Registered Designs were eligible for submission to ERA 2010. One registered design was submitted to ERA 2010.

National Health and Medical Research Council (NHMRC) Endorsed Guidelines



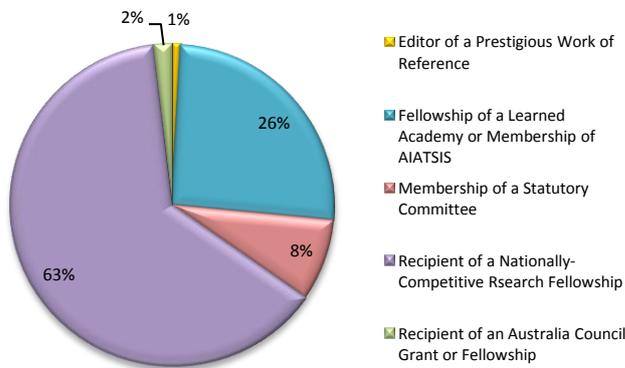
NHMRC endorsed guidelines include those on population health, clinical practice and ethics. This indicator was applicable to the *BCH* and *PAH* Clusters only.

A total of 49 NHMRC Endorsed Guidelines were submitted to ERA 2010.

See **Section 3** for a further breakdown.

Esteem Measures

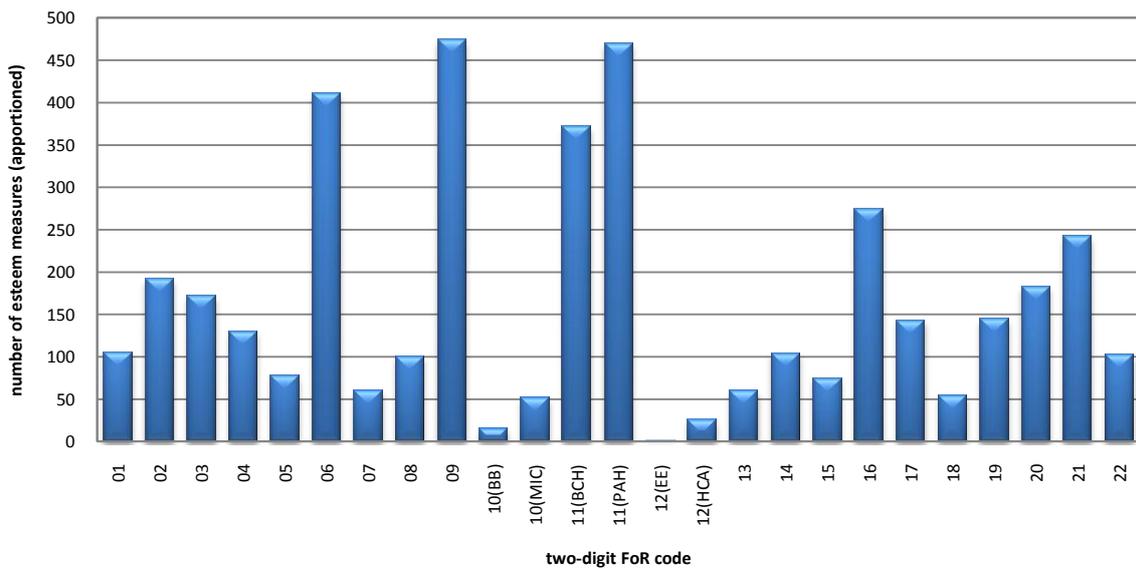
Apportioned esteem measures by type

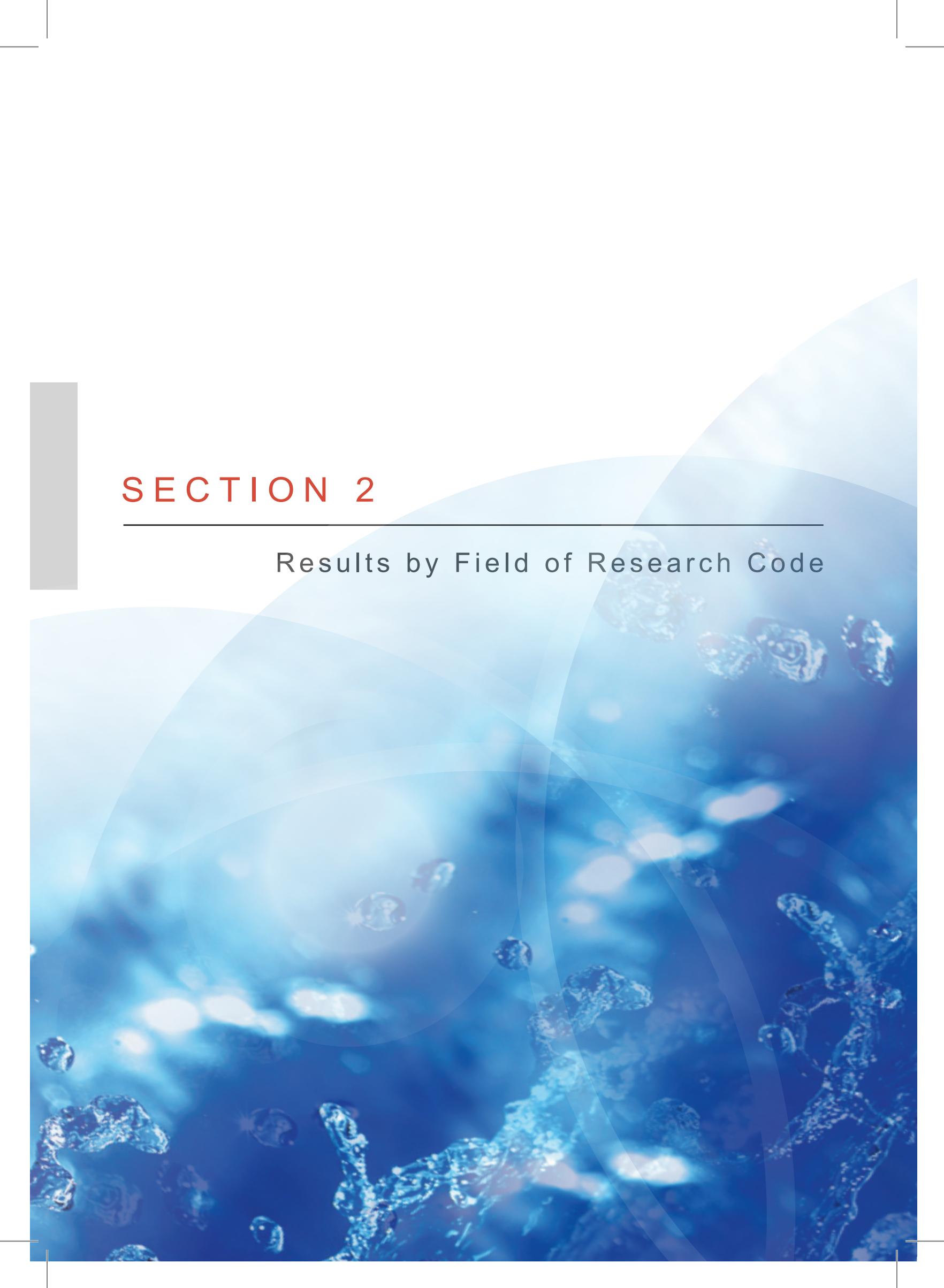


Esteem measures that are eligible for ERA 2010 embody a measure of prestige and are recognised by experts within the disciplines as a highly desired, highly regarded form of accolade or acknowledgement.

See **Section 3** for a further breakdown.

Apportioned esteem measures by two-digit FoR code



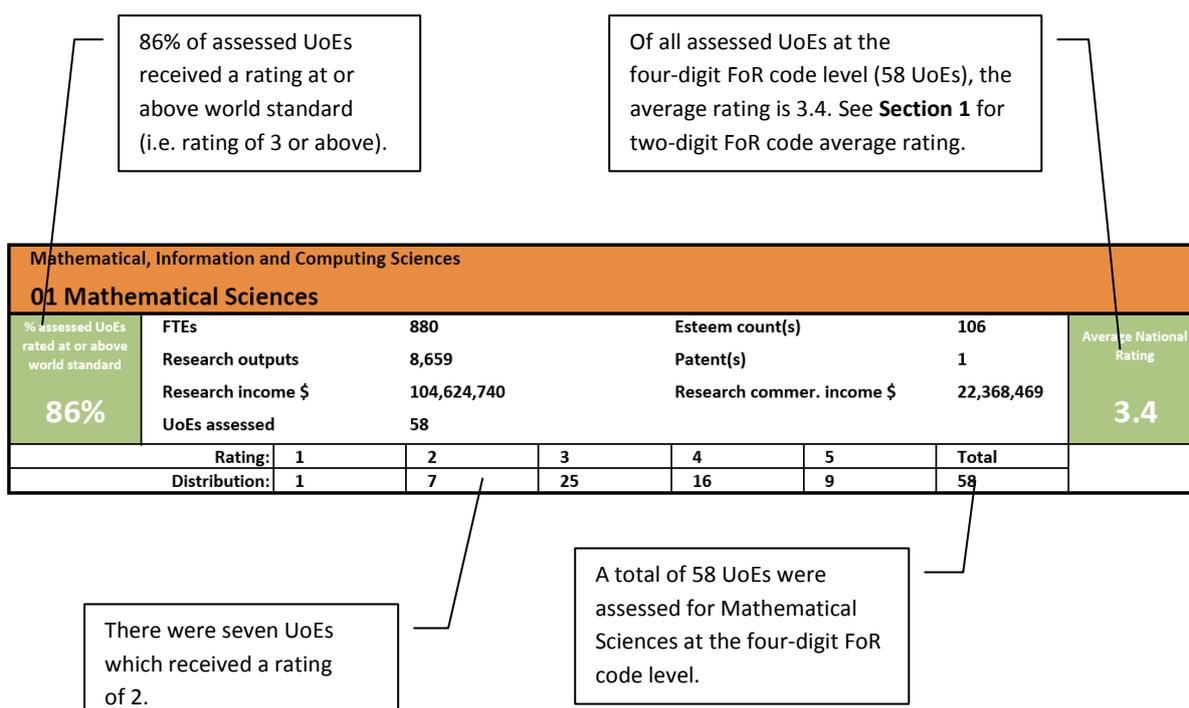
The background of the page is a microscopic image of cells, likely from a tissue sample, showing various cellular structures and nuclei. The image is overlaid with several semi-transparent, overlapping circular shapes in shades of light blue and white, creating a layered, ethereal effect. The overall color palette is dominated by blues and whites, with some darker blue areas in the lower right.

SECTION 2

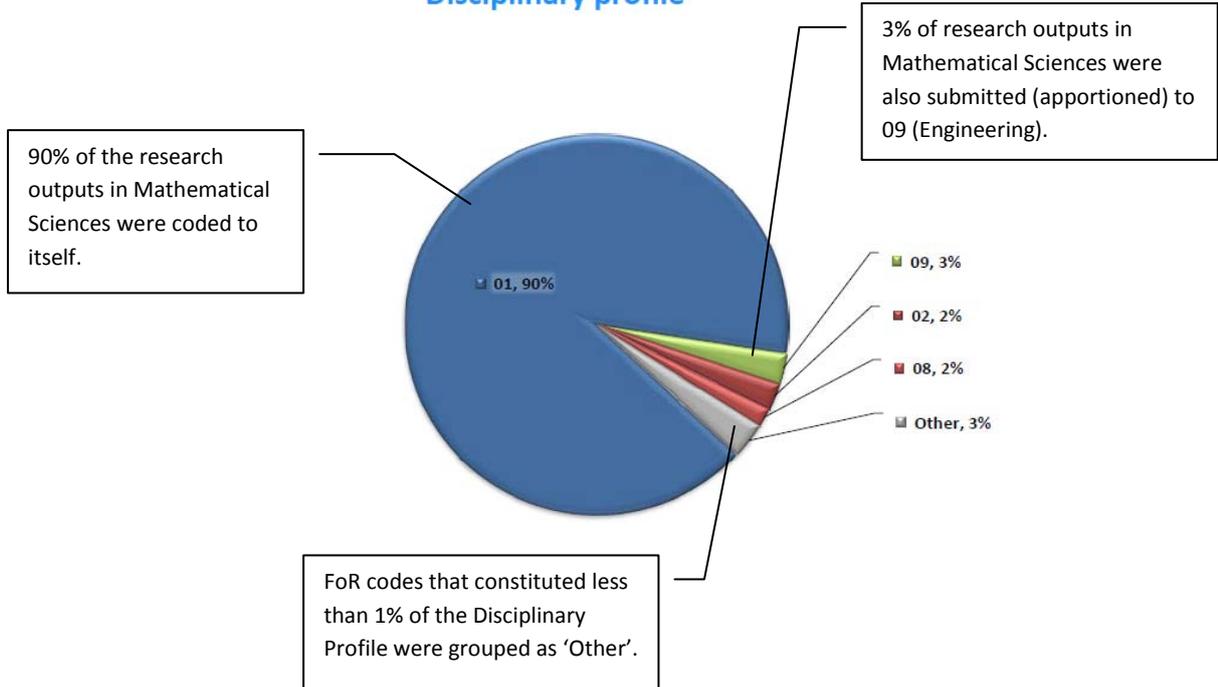
Results by Field of Research Code

SECTION 2: RESULTS BY FIELD OF RESEARCH CODE

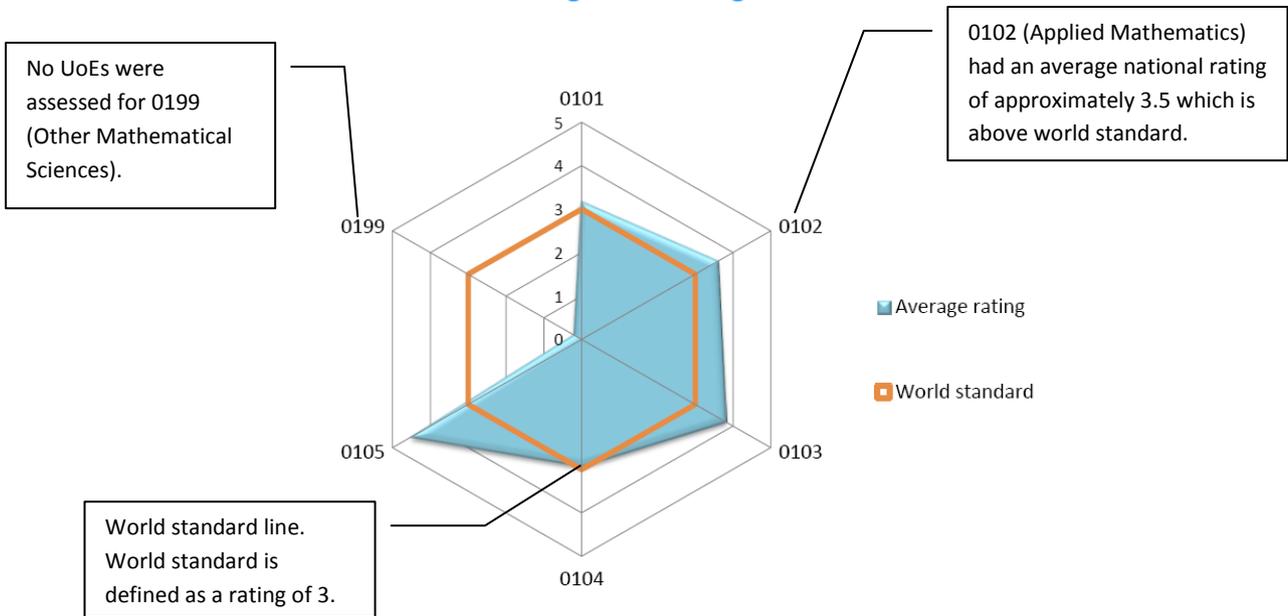
This section presents an aggregate of the four-digit ratings and their distribution, as well as discipline profile data and the contribution to the national research landscape. Section 2 is a summary of activity at the four-digit level. Two-digit evaluation data is summarised in **Section 1** and **Section 3**.



Disciplinary profile

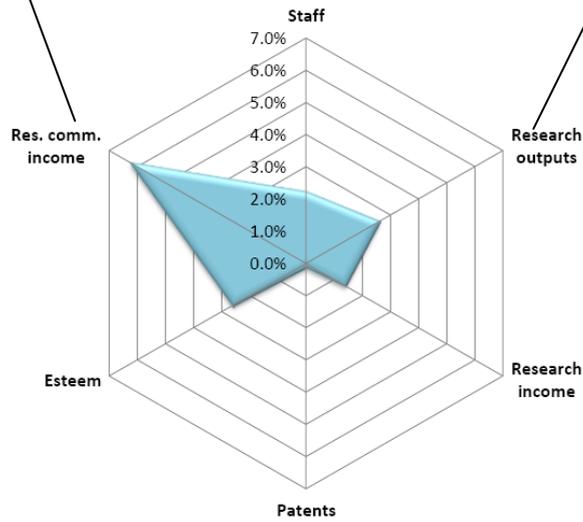


Four-digit FoR ratings



Contribution to national landscape (%)

Mathematical Sciences submitted approximately 6% of all research commercialisation income to ERA 2010 across all disciplines.



Mathematical Sciences submitted approximately 3% of all research outputs to ERA 2010 across all disciplines.

Mathematical Sciences submitted less than 1% of all patents to ERA 2010 across all disciplines.

01 MATHEMATICAL SCIENCES

Mathematical Sciences comprises these four-digit codes:

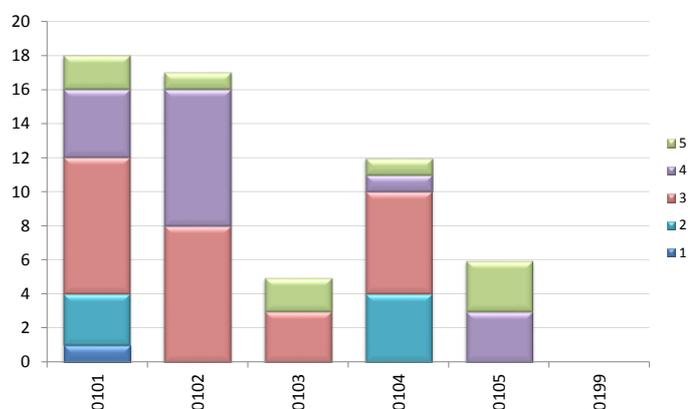
| | |
|-----------|---|
| 01 | Mathematical Sciences |
| 0101 | Pure Mathematics |
| 0102 | Applied Mathematics |
| 0103 | Numerical and Computational Mathematics |
| 0104 | Statistics |
| 0105 | Mathematical Physics |
| 0199 | Other Mathematical Sciences |

| Mathematical, Information and Computing Sciences | | | | | | | |
|--|--------------------|-------------|---|----|------------------------|------------|---|
| 01 Mathematical Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 86% | FTEs | 880 | | | Esteem count(s) | 106 | |
| | Research outputs | 8,659 | | | Patent(s) | 1 | |
| | Research income \$ | 104,624,740 | | | Res. comm. income (\$) | 22,368,469 | |
| | UoEs assessed | 58 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 1 | 7 | 25 | 16 | 9 | 58 |
| | | | | | | | Average National Rating 3.4 |

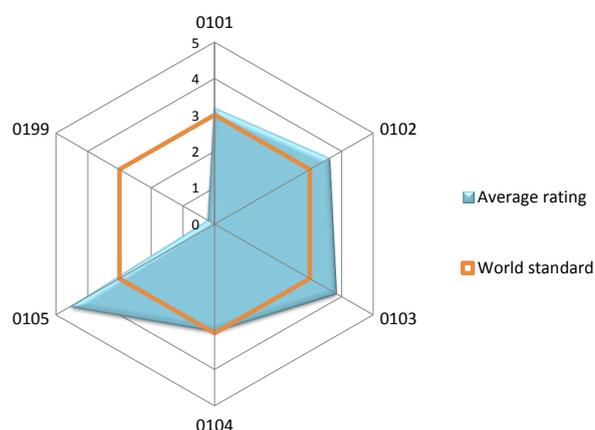
FoR overview

Mathematical Sciences (01) accounted for approximately 3% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 28% over the reference period. Mathematical Sciences received approximately 2% of HERDC Category 1 research income for the reference period. Twenty-four (24) UoEs were assessed at the two-digit FoR code level, and 58 at the four-digit FoR code level. Eighty-six per cent (86%) of assessed UoEs in Mathematical Sciences received a rating at or above world standard. A particular strong performer was Mathematical Physics (0105). The largest FoR codes were Applied Mathematics (0102; 2,910 outputs) and Pure Mathematics (0101; 2,363 outputs).

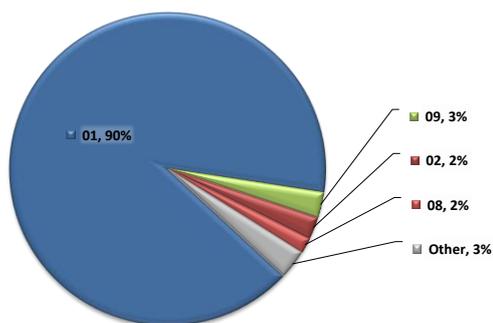
Number of UoEs per rating scale score



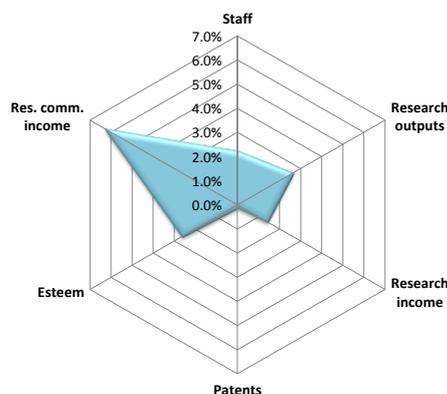
Four-digit FoR ratings



Disciplinary profile

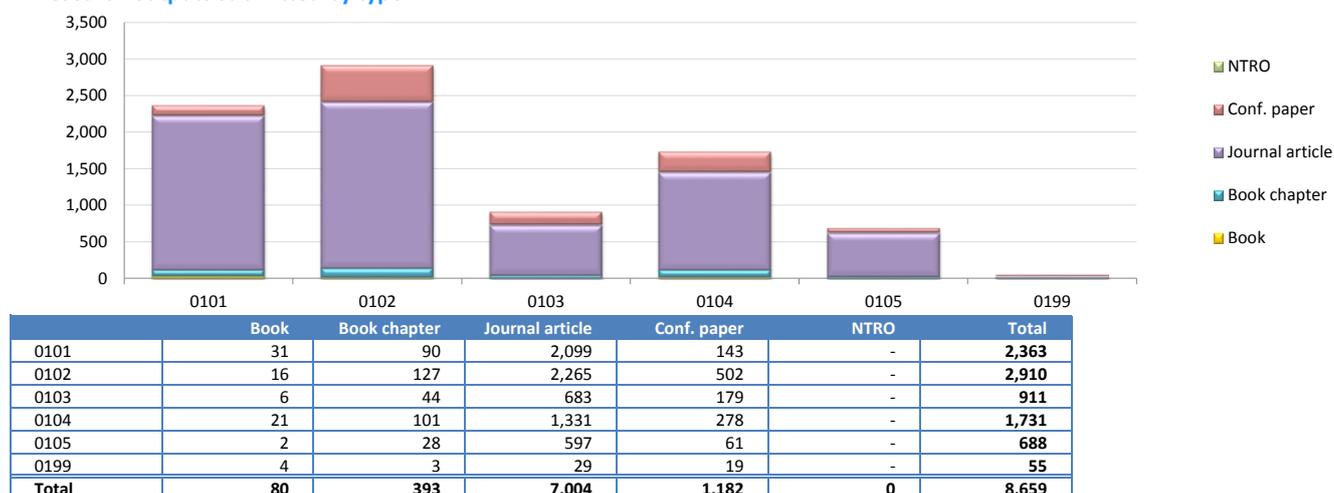


Contribution to national landscape (%)

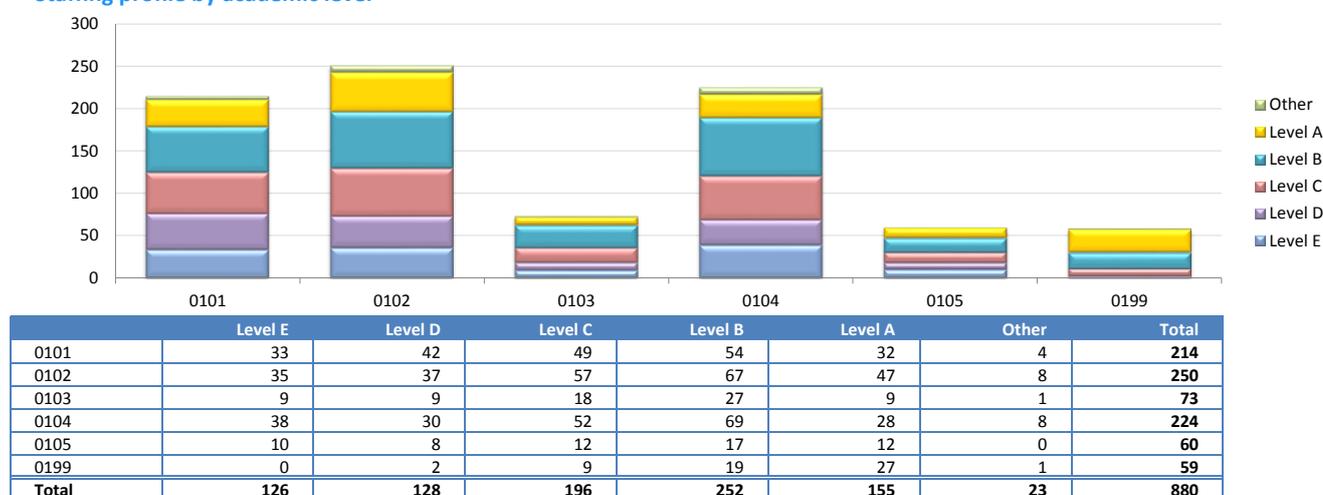


Section 2 - Results by FoR Code

Research outputs submitted by type



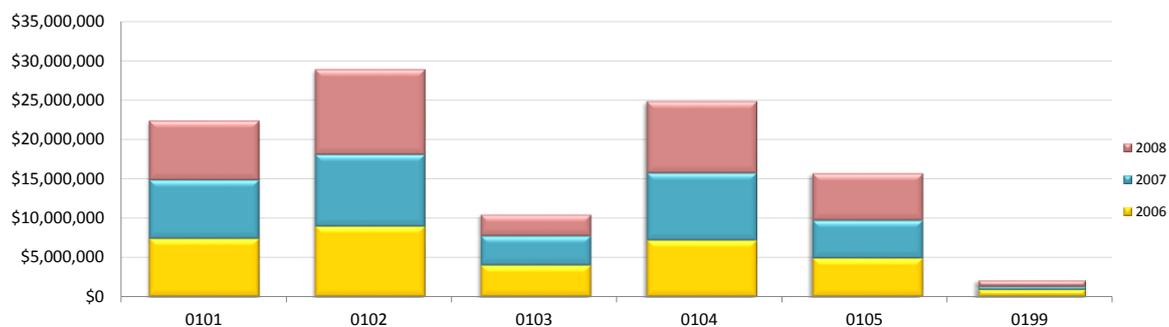
Staffing profile by academic level



Patent profile

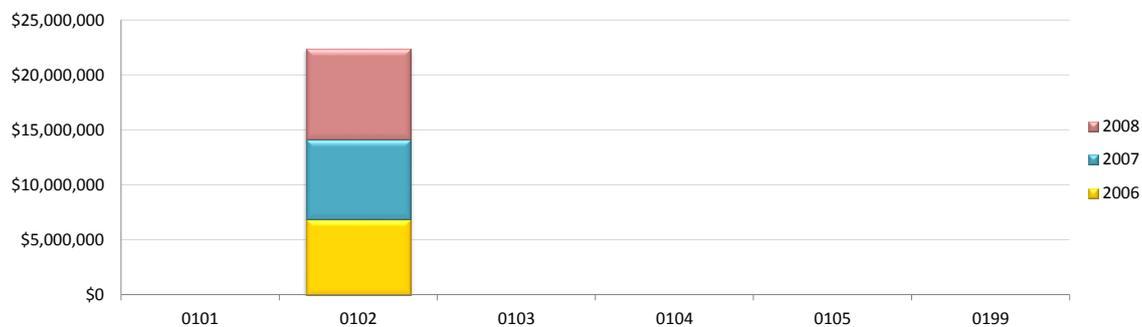
| FoR Code | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|------------|
| 0101 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0102 | 0.0 | 0.3 | 0.4 | 0.0 | 0.0 | 0.0 | 0.7 |
| 0103 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0104 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0105 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0199 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.0 | 0.3 | 0.4 | 0.0 | 0.0 | 0.0 | 0.7 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 0101 | \$7,390,847 | \$7,454,056 | \$7,595,077 | \$22,439,980 |
| 0102 | \$8,944,351 | \$9,134,927 | \$10,853,493 | \$28,932,771 |
| 0103 | \$4,029,748 | \$3,738,158 | \$2,732,891 | \$10,500,796 |
| 0104 | \$7,184,663 | \$8,547,267 | \$9,148,065 | \$24,879,994 |
| 0105 | \$4,894,896 | \$4,844,768 | \$5,995,824 | \$15,735,489 |
| 0199 | \$916,962 | \$427,099 | \$791,648 | \$2,135,709 |
| Total | \$33,361,467 | \$34,146,276 | \$37,116,998 | \$104,624,740 |

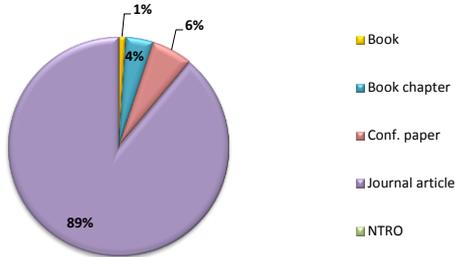
Research commercialisation income (\$)



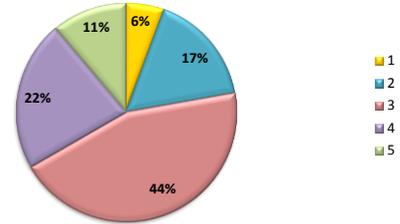
| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|--------------------|---------------------|
| 0101 | \$0 | \$0 | \$0 | \$0 |
| 0102 | \$6,871,116 | \$7,276,117 | \$8,221,236 | \$22,368,469 |
| 0103 | \$0 | \$0 | \$0 | \$0 |
| 0104 | \$0 | \$0 | \$0 | \$0 |
| 0105 | \$0 | \$0 | \$0 | \$0 |
| 0199 | \$0 | \$0 | \$0 | \$0 |
| Total | \$6,871,116 | \$7,276,117 | \$8,221,236 | \$22,368,469 |

| 0101 Pure Mathematics | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 78% | FTEs | 214 | Esteem count(s) | | | | 51 | Average National Rating 3.2 |
| | Research outputs | 2,363 | Patent(s) | | | | 0 | |
| | Research income \$ | 22,439,980 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 18 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 3 | 8 | 4 | 2 | 18 | |

Research outputs by type

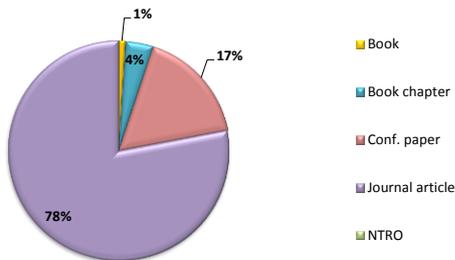


FoR rating distribution

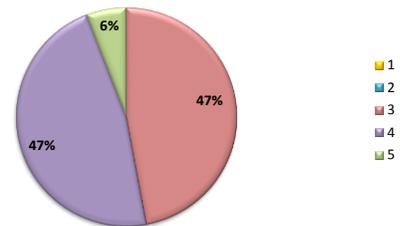


| 0102 Applied Mathematics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|------------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 250 | Esteem count(s) | | | | 24 | Average National Rating 3.6 |
| | Research outputs | 2,910 | Patent(s) | | | | 1 | |
| | Research income \$ | 28,932,771 | Res. comm. income (\$) | | | | 22,368,469 | |
| | UoEs assessed | 17 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 8 | 8 | 1 | 17 | |

Research outputs by type

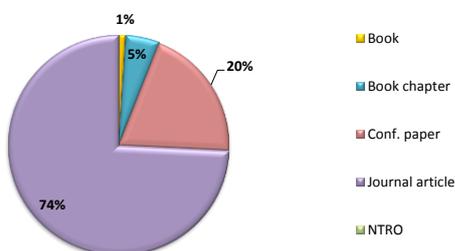


FoR rating distribution

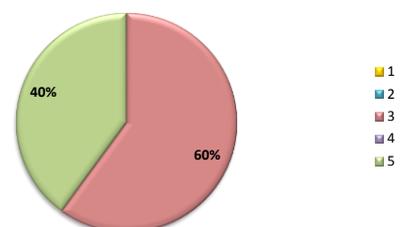


| 0103 Numerical and Computational Mathematics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 73 | Esteem count(s) | | | | 6 | Average National Rating 3.8 |
| | Research outputs | 911 | Patent(s) | | | | 0 | |
| | Research income \$ | 10,500,796 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 5 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 3 | 0 | 2 | 5 | |

Research outputs by type

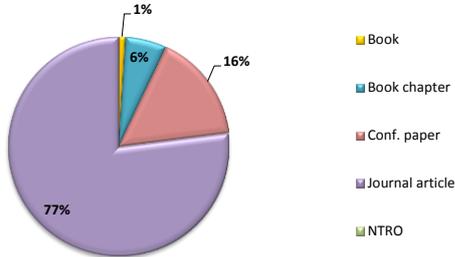


FoR rating distribution

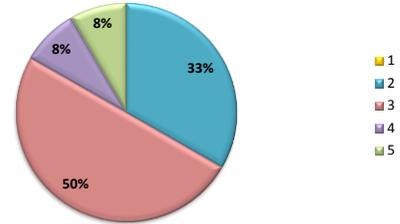


| 0104 Statistics | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 67% | FTEs | 224 | Esteem count(s) | | | | 15 | Average National Rating 2.9 |
| | Research outputs | 1,731 | Patent(s) | | | | 0 | |
| | Research income \$ | 24,879,994 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 6 | 1 | 1 | 12 | |

Research outputs by type

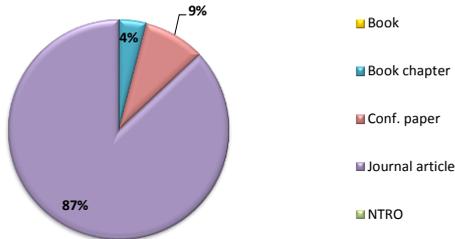


FoR rating distribution

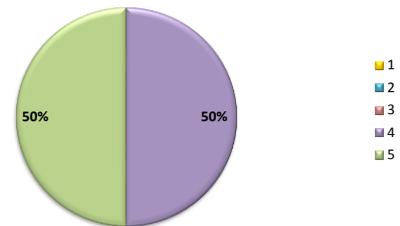


| 0105 Mathematical Physics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 60 | Esteem count(s) | | | | 10 | Average National Rating 4.5 |
| | Research outputs | 688 | Patent(s) | | | | 0 | |
| | Research income \$ | 15,735,489 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 6 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 3 | 3 | 6 | |

Research outputs by type

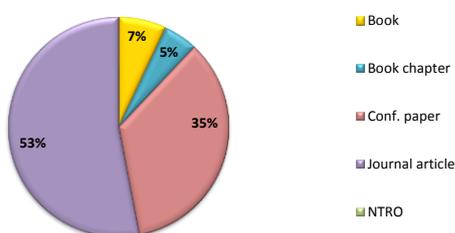


FoR rating distribution



| 0199 Other Mathematical Sciences | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 59 | Esteem count(s) | | | | 0 | Average National Rating n/a |
| | Research outputs | 55 | Patent(s) | | | | 0 | |
| | Research income \$ | 2,135,709 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

02 PHYSICAL SCIENCES

Physical Sciences comprises these four-digit codes:

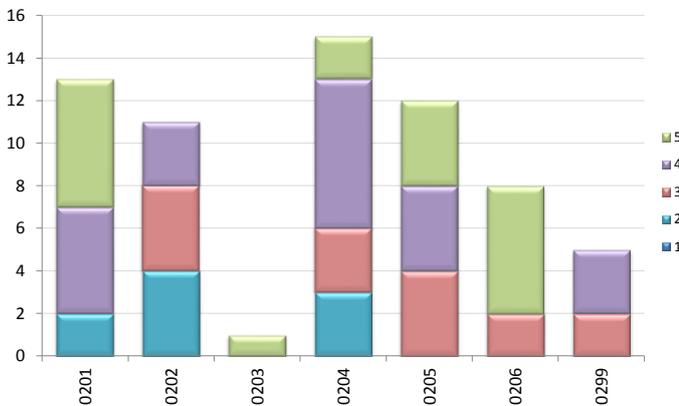
| | |
|-----------|---|
| 02 | Physical Sciences |
| 0201 | Astronomical and Space Sciences |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics |
| 0203 | Classical Physics |
| 0204 | Condensed Matter Physics |
| 0205 | Optical Physics |
| 0206 | Quantum Physics |
| 0299 | Other Physical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

| Physical, Chemical and Earth Sciences | | | | | | | |
|--|--------------------|-------------|---|----|------------------------|-----------|---|
| 02 Physical Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 86% | FTEs | 965 | | | Esteem count(s) | 192 | |
| | Research outputs | 13,666 | | | Patent(s) | 33 | |
| | Research income \$ | 203,346,670 | | | Res. comm. income (\$) | 7,241,615 | |
| | UoEs assessed | 65 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 9 | 15 | 22 | 19 | 65 |
| | | | | | | | Average National Rating 3.8 |

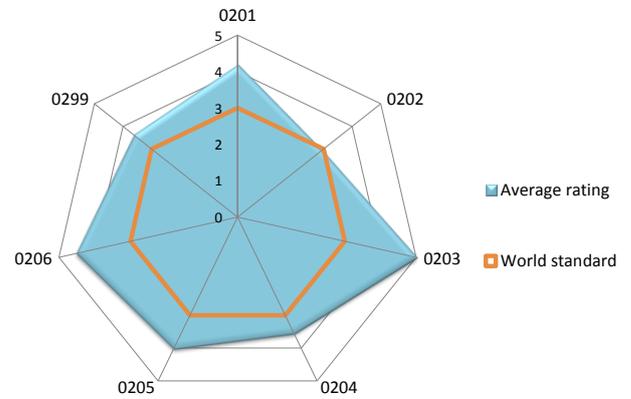
FoR overview

Physical Sciences (02) accounted for approximately 4% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 26% over the reference period. Physical Sciences received approximately 4% of HERDC Category 1 research income for the reference period. The disciplinary profile shows that Physical Sciences shared a significant proportion of research outputs with Engineering (09). Twenty-four (24) UoEs were assessed at the two-digit FoR code level, and 65 at the four-digit FoR code level. Eighty-six per cent (86%) of assessed UoEs in Physical Sciences received a rating at or above world standard. The largest FoR codes were Astronomical and Space Sciences (0201; 3,374 outputs) and Optical Physics (0205; 3,067 outputs). Particularly strong performers were Quantum Physics (0206), Astronomical and Space Sciences (0201) and Optical Physics (0205).

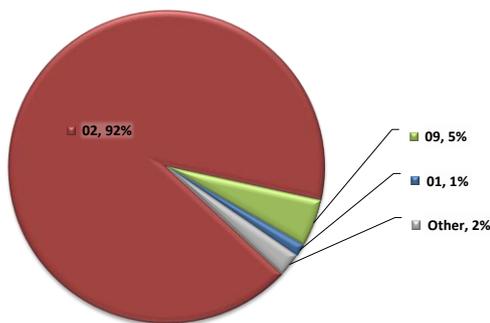
Number of UoEs per rating scale score



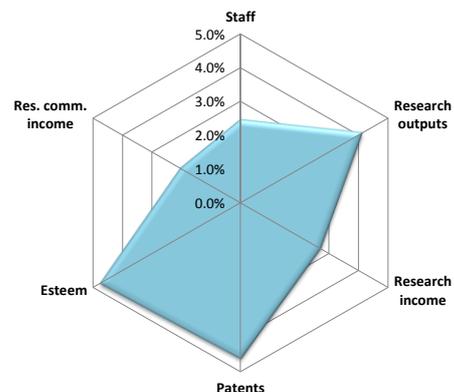
Four-digit FoR ratings



Disciplinary profile

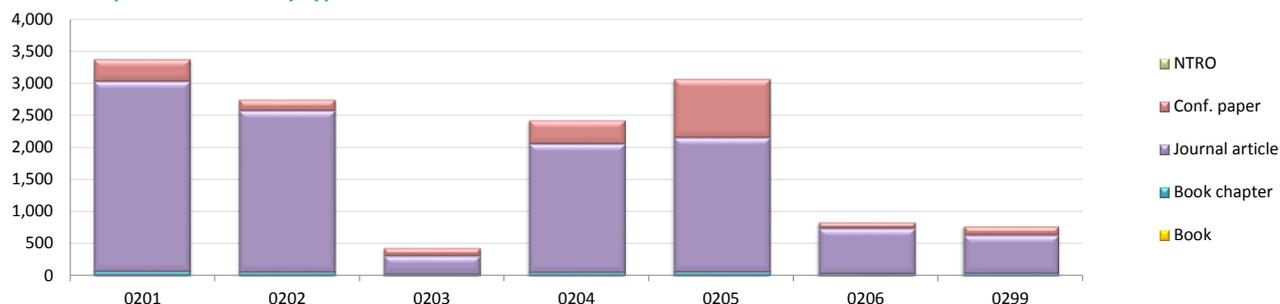


Contribution to national landscape (%)



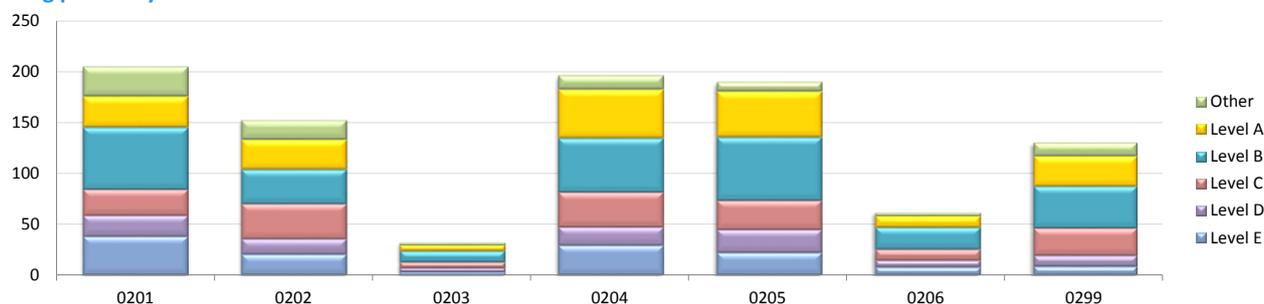
Section 2 - Results by FoR Code

Research outputs submitted by type



| FoR Code | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|--------------|----------|---------------|
| 0201 | 2 | 69 | 2,953 | 349 | - | 3,374 |
| 0202 | 5 | 53 | 2,512 | 176 | - | 2,746 |
| 0203 | 2 | 22 | 294 | 123 | - | 441 |
| 0204 | 5 | 52 | 1,998 | 371 | - | 2,425 |
| 0205 | 3 | 58 | 2,091 | 914 | - | 3,067 |
| 0206 | 5 | 31 | 707 | 94 | - | 837 |
| 0299 | 2 | 42 | 595 | 138 | - | 776 |
| Total | 24 | 328 | 11,149 | 2,165 | 0 | 13,666 |

Staffing profile by academic level

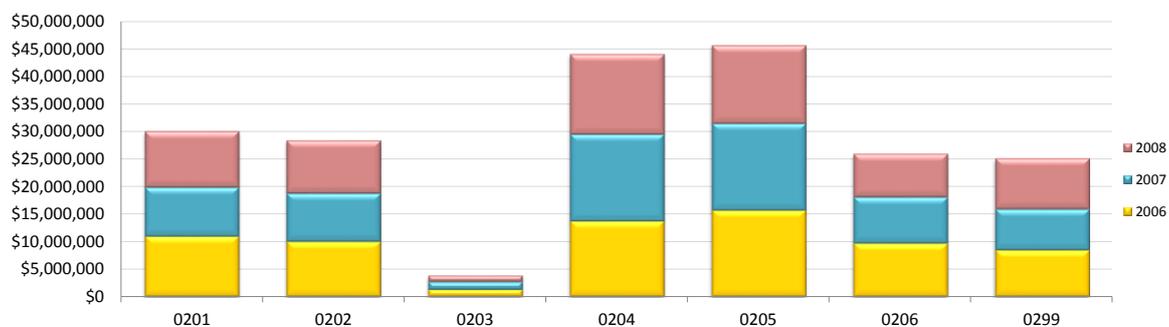


| FoR Code | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|-----------|------------|------------|------------|-----------|------------|
| 0201 | 37 | 21 | 26 | 61 | 30 | 29 | 204 |
| 0202 | 20 | 15 | 35 | 34 | 29 | 19 | 152 |
| 0203 | 3 | 4 | 6 | 11 | 6 | 2 | 33 |
| 0204 | 29 | 18 | 34 | 53 | 47 | 14 | 196 |
| 0205 | 22 | 22 | 29 | 62 | 45 | 9 | 189 |
| 0206 | 8 | 7 | 11 | 22 | 11 | 3 | 62 |
| 0299 | 9 | 11 | 27 | 41 | 30 | 13 | 130 |
| Total | 127 | 98 | 167 | 285 | 198 | 89 | 966 |

Patent profile

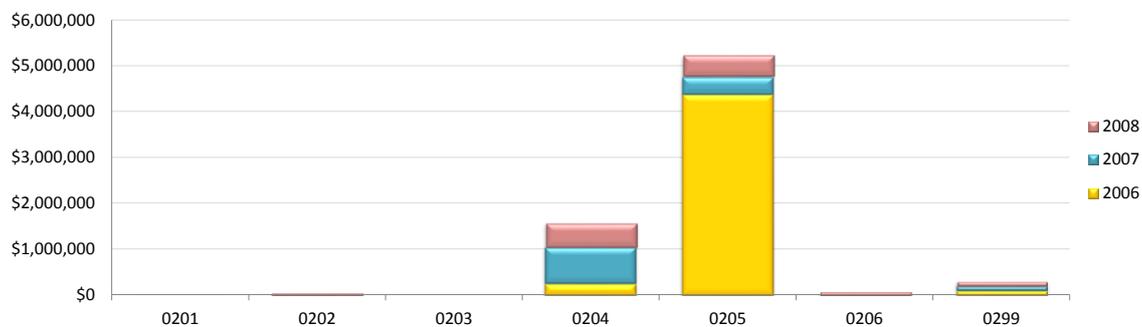
| FoR Code | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|-------------|
| 0201 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0202 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0203 | 0.3 | 0.7 | 0.2 | 1.0 | 0.7 | 1.0 | 5.8 |
| 0204 | 1.8 | 1.4 | 0.0 | 0.0 | 3.7 | 0.0 | 6.8 |
| 0205 | 4.4 | 5.1 | 1.3 | 0.0 | 3.1 | 0.0 | 13.9 |
| 0206 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 0299 | 0.0 | 1.8 | 0.0 | 0.0 | 0.4 | 0.0 | 2.2 |
| Total | 7.5 | 10.0 | 1.5 | 1.0 | 7.9 | 1.0 | 30.8 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 0201 | \$10,960,748 | \$8,914,052 | \$10,227,888 | \$30,102,688 |
| 0202 | \$10,017,074 | \$8,765,325 | \$9,633,138 | \$28,415,537 |
| 0203 | \$1,293,802 | \$1,481,778 | \$1,160,944 | \$3,936,524 |
| 0204 | \$13,684,992 | \$15,781,444 | \$14,583,793 | \$44,050,228 |
| 0205 | \$15,645,415 | \$15,757,953 | \$14,240,724 | \$45,644,092 |
| 0206 | \$9,698,174 | \$8,417,607 | \$7,894,496 | \$26,010,277 |
| 0299 | \$8,459,965 | \$7,495,452 | \$9,231,905 | \$25,187,323 |
| Total | \$69,760,170 | \$66,613,611 | \$66,972,888 | \$203,346,670 |

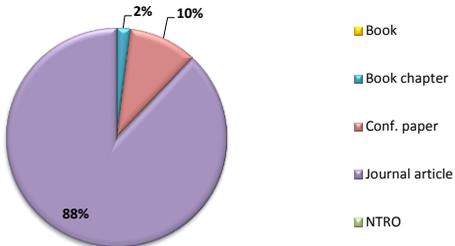
Research commercialisation income (\$)



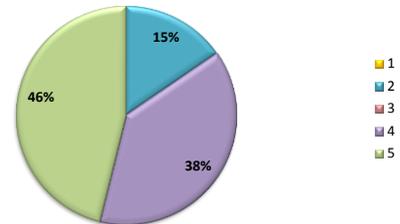
| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|--------------------|--------------------|
| 0201 | \$0 | \$0 | \$1,102 | \$1,102 |
| 0202 | \$0 | \$0 | \$58,063 | \$58,063 |
| 0203 | \$0 | \$0 | \$0 | \$0 |
| 0204 | \$255,692 | \$794,139 | \$534,640 | \$1,584,472 |
| 0205 | \$4,365,648 | \$384,604 | \$466,733 | \$5,216,985 |
| 0206 | \$0 | \$0 | \$79,423 | \$79,423 |
| 0299 | \$100,613 | \$100,359 | \$100,598 | \$301,570 |
| Total | \$4,721,953 | \$1,279,103 | \$1,240,559 | \$7,241,615 |

| 0201 Astronomical and Space Sciences | | | | | | | |
|--|--------------------|------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 85% | FTEs | 204 | | Esteem count(s) | | 31 | |
| | Research outputs | 3,374 | | Patent(s) | | 0 | |
| | Research income \$ | 30,102,688 | | Res. comm. income (\$) | | 1,102 | |
| | UoEs assessed | 13 | | | | Average National Rating 4.2 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 2 | 0 | 5 | 6 | 13 |

Research outputs by type

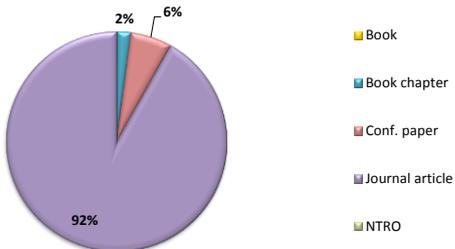


FoR rating distribution

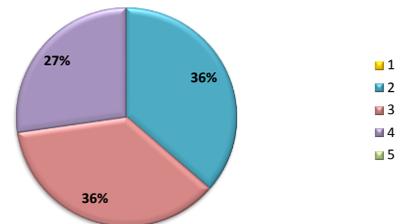


| 0202 Atomic, Molecular, Nuclear, Particle and Plasma Physics | | | | | | | |
|--|--------------------|------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 64% | FTEs | 152 | | Esteem count(s) | | 29 | |
| | Research outputs | 2,746 | | Patent(s) | | 0 | |
| | Research income \$ | 28,415,537 | | Res. comm. income (\$) | | 58,063 | |
| | UoEs assessed | 11 | | | | Average National Rating 2.9 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 4 | 4 | 3 | 0 | 11 |

Research outputs by type

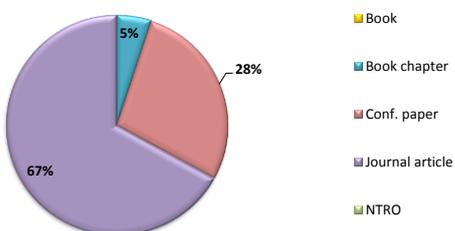


FoR rating distribution

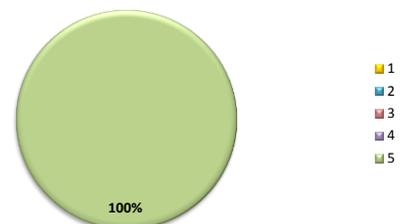


| 0203 Classical Physics | | | | | | | |
|---|--------------------|-----------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 33 | | Esteem count(s) | | 6 | |
| | Research outputs | 441 | | Patent(s) | | 6 | |
| | Research income \$ | 3,936,524 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 1 | | | | Average National Rating 5.0 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 0 | 0 | 0 | 1 | 1 |

Research outputs by type

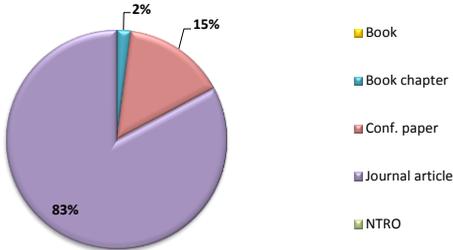


FoR rating distribution

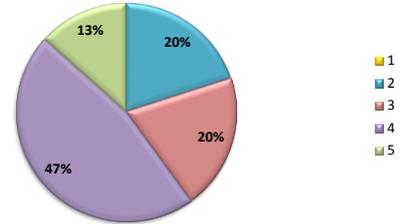


| 0204 Condensed Matter Physics | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 80% | FTEs | 196 | Esteem count(s) | | | | 37 | Average National Rating 3.5 |
| | Research outputs | 2,425 | Patent(s) | | | | 7 | |
| | Research income \$ | 44,050,228 | Res. comm. income (\$) | | | | 1,584,472 | |
| | UoEs assessed | 15 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 3 | 3 | 7 | 2 | 15 | |

Research outputs by type

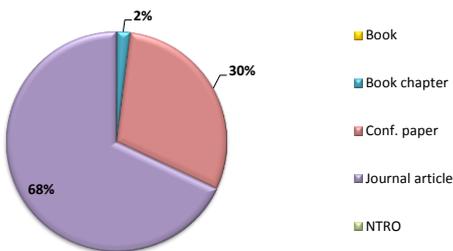


FoR rating distribution

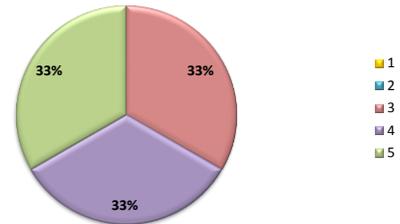


| 0205 Optical Physics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 189 | Esteem count(s) | | | | 45 | Average National Rating 4.0 |
| | Research outputs | 3,067 | Patent(s) | | | | 14 | |
| | Research income \$ | 45,644,092 | Res. comm. income (\$) | | | | 5,216,985 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 4 | 4 | 4 | 12 | |

Research outputs by type

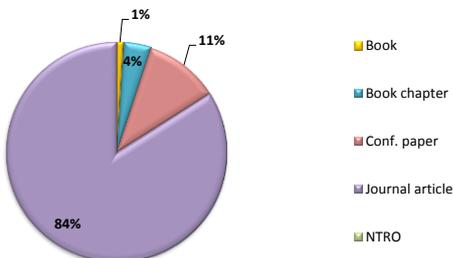


FoR rating distribution

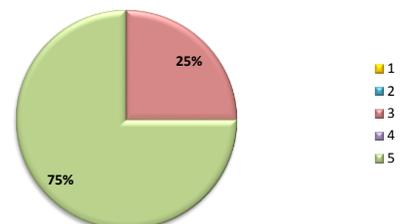


| 0206 Quantum Physics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 62 | Esteem count(s) | | | | 24 | Average National Rating 4.5 |
| | Research outputs | 837 | Patent(s) | | | | 2 | |
| | Research income \$ | 26,010,277 | Res. comm. income (\$) | | | | 79,423 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 2 | 0 | 6 | 8 | |

Research outputs by type

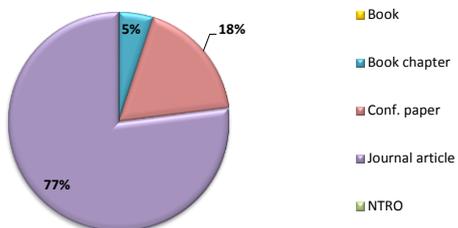


FoR rating distribution

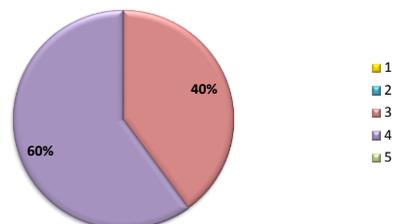


| 0299 Other Physical Sciences | | | | | | | | |
|---|--------------------|------------|---|---|------------------------|---|---------|---|
| % assessed UoEs rated at or above world standard 100% | FTEs | 130 | | | Esteem count(s) | | 19 | Average National Rating 3.6 |
| | Research outputs | 776 | | | Patent(s) | | 2 | |
| | Research income \$ | 25,187,323 | | | Res. comm. income (\$) | | 301,570 | |
| | UoEs assessed | 5 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 2 | 3 | 0 | 5 | |

Research outputs by type



FoR rating distribution



03 CHEMICAL SCIENCES

Chemical Sciences comprises these four-digit codes:

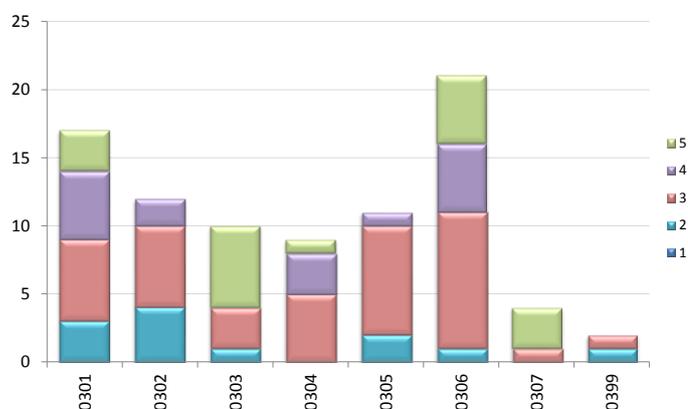
| | |
|-----------|---|
| 03 | Chemical Sciences |
| 0301 | Analytical Chemistry |
| 0302 | Inorganic Chemistry |
| 0303 | Macromolecular and Materials Chemistry |
| 0304 | Medicinal and Biomolecular Chemistry |
| 0305 | Organic Chemistry |
| 0306 | Physical Chemistry (Incl. Structural) |
| 0307 | Theoretical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

| Physical, Chemical and Earth Sciences | | | | | | | |
|--|--------------------|-------------|----|----|------------------------|---------------------------------------|-------|
| 03 Chemical Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 86% | FTEs | 1,154 | | | Esteem count(s) | 171 | |
| | Research outputs | 11,915 | | | Patent(s) | 87 | |
| | Research income \$ | 277,061,474 | | | Res. comm. income (\$) | 2,293,774 | |
| | UoEs assessed | 86 | | | | Average National Rating 3.5 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 12 | 40 | 16 | 18 | 86 |

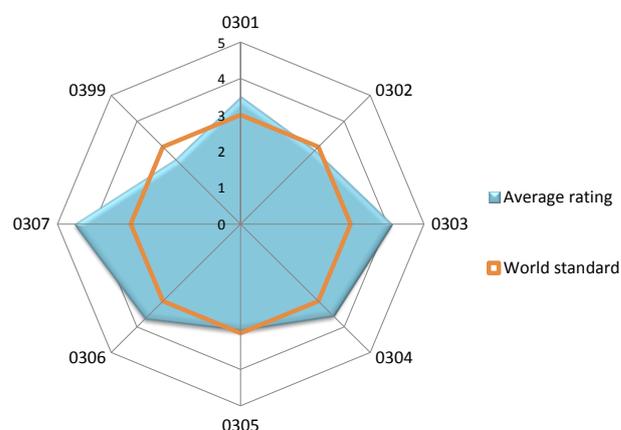
FoR overview

Chemical Sciences (03) accounted for approximately 4% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 11% over the reference period. Chemical Sciences received approximately 5% of HERDC Category 1 research income for the reference period. The disciplinary profile shows that Chemical Sciences shared a significant proportion of research outputs with Engineering (09). Twenty-six (26) UoEs were assessed at the two-digit FoR code level, and 86 at the four-digit FoR code level. Eighty-six per cent (86%) of assessed UoEs in Chemical Sciences received a rating at or above world standard. The largest FoR code was Physical Chemistry (incl. Structural) (0306; 3,664 outputs). There was a balanced level of activity across the FoR codes within Chemical Sciences in Australia. A particularly strong performer was Macromolecular and Materials Chemistry (0304) while Analytical Chemistry (0301) and Physical Chemistry (incl. Structural) (0306) also performed well.

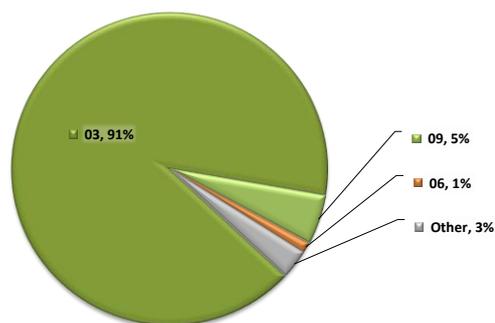
Number of UoEs per rating scale score



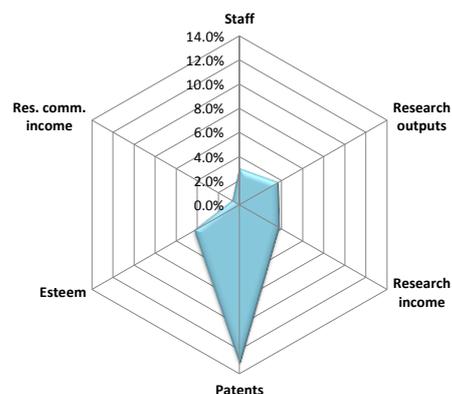
Four-digit FoR ratings



Disciplinary profile

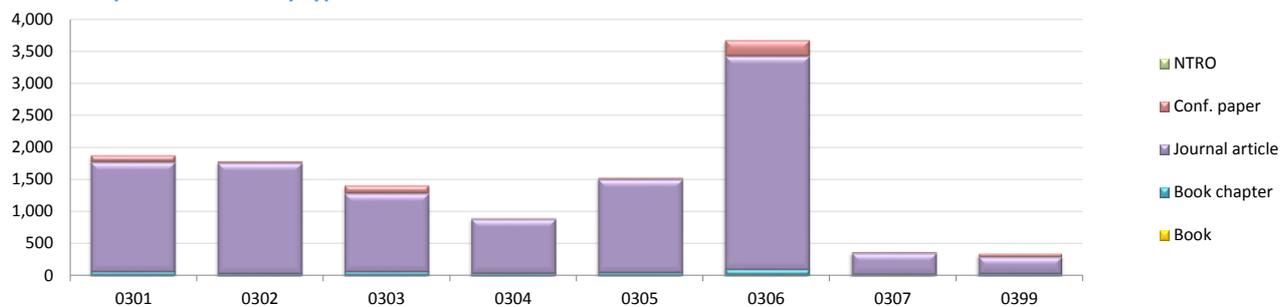


Contribution to national landscape (%)



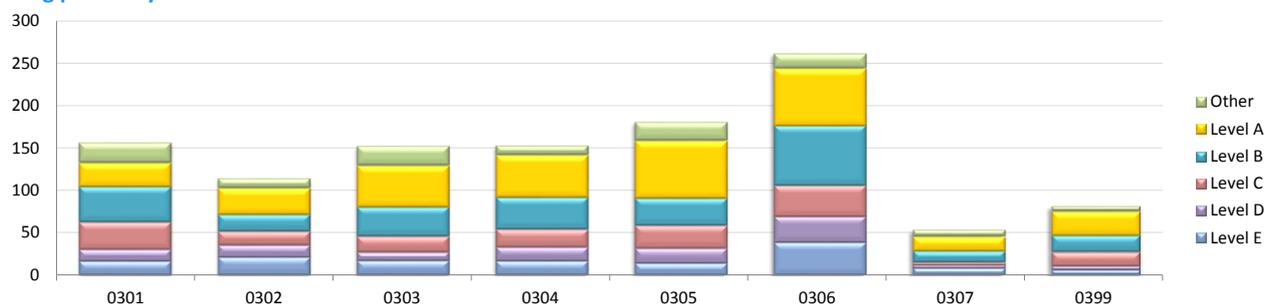
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|-------------|----------|---------------|
| 0301 | 4 | 58 | 1,716 | 105 | - | 1,883 |
| 0302 | 0 | 32 | 1,734 | 26 | - | 1,791 |
| 0303 | 2 | 59 | 1,232 | 120 | - | 1,415 |
| 0304 | 0 | 35 | 857 | 11 | - | 903 |
| 0305 | 0 | 48 | 1,464 | 22 | - | 1,534 |
| 0306 | 6 | 89 | 3,322 | 247 | - | 3,664 |
| 0307 | 1 | 19 | 339 | 16 | - | 375 |
| 0399 | 1 | 32 | 266 | 51 | - | 350 |
| Total | 14 | 371 | 10,930 | 600 | 0 | 11,915 |

Staffing profile by academic level

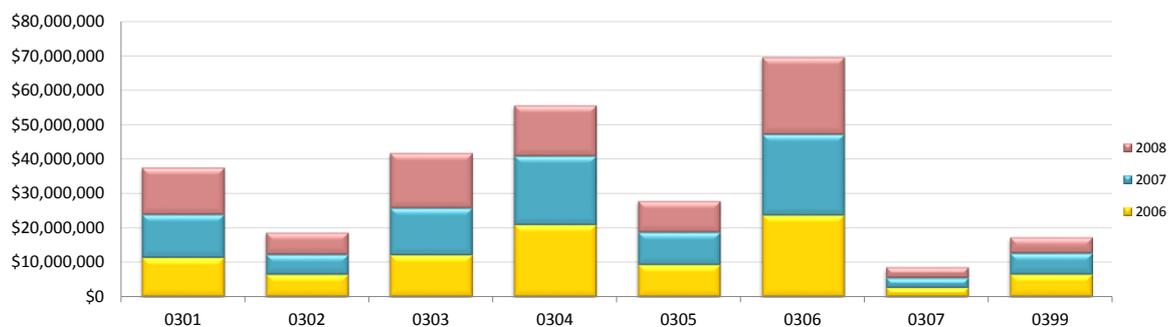


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|------------|--------------|
| 0301 | 16 | 14 | 32 | 42 | 28 | 24 | 157 |
| 0302 | 21 | 15 | 16 | 20 | 31 | 11 | 115 |
| 0303 | 17 | 10 | 19 | 35 | 49 | 23 | 153 |
| 0304 | 17 | 17 | 21 | 38 | 50 | 11 | 153 |
| 0305 | 14 | 18 | 27 | 32 | 68 | 22 | 181 |
| 0306 | 38 | 30 | 37 | 71 | 68 | 17 | 261 |
| 0307 | 8 | 4 | 3 | 14 | 17 | 8 | 54 |
| 0399 | 6 | 5 | 17 | 20 | 28 | 6 | 82 |
| Total | 138 | 113 | 172 | 271 | 340 | 121 | 1,154 |

Patent profile

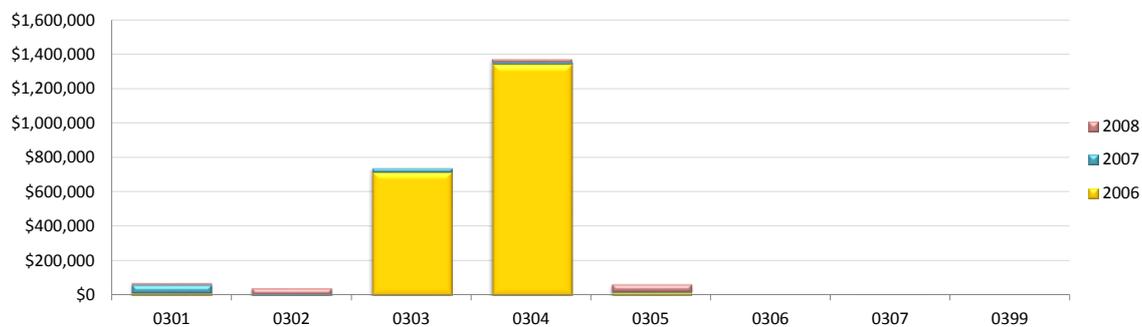
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|-------------|---------------|-------------|------------|-------------|------------|-------------|
| 0301 | 0.0 | 4.5 | 0.5 | 0.0 | 1.6 | 0.0 | 6.6 |
| 0302 | 2.0 | 1.7 | 4.5 | 0.0 | 3.4 | 0.0 | 11.6 |
| 0303 | 3.4 | 1.9 | 0.1 | 1.0 | 1.8 | 0.0 | 8.2 |
| 0304 | 16.1 | 11.7 | 5.5 | 0.3 | 7.3 | 0.0 | 41.0 |
| 0305 | 5.5 | 3.4 | 3.9 | 0.0 | 4.7 | 0.0 | 17.5 |
| 0306 | 1.0 | 0.5 | 0.3 | 0.0 | 0.2 | 0.0 | 2.0 |
| 0307 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0399 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 28.0 | 23.7 | 14.8 | 1.3 | 19.0 | 0.0 | 86.8 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 0301 | \$11,373,998 | \$12,527,748 | \$13,682,060 | \$37,583,807 |
| 0302 | \$6,486,489 | \$5,856,379 | \$6,381,645 | \$18,724,513 |
| 0303 | \$12,105,800 | \$13,711,416 | \$15,975,851 | \$41,793,067 |
| 0304 | \$20,827,592 | \$20,022,167 | \$14,705,911 | \$55,555,670 |
| 0305 | \$9,296,391 | \$9,479,249 | \$9,141,354 | \$27,916,995 |
| 0306 | \$23,584,666 | \$23,520,974 | \$22,406,650 | \$69,512,290 |
| 0307 | \$2,662,798 | \$2,860,589 | \$3,122,591 | \$8,645,978 |
| 0399 | \$6,545,117 | \$6,145,830 | \$4,638,208 | \$17,329,155 |
| Total | \$92,882,851 | \$94,124,354 | \$90,054,270 | \$277,061,474 |

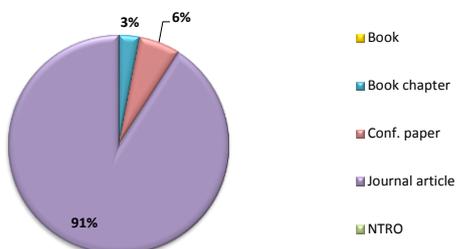
Research commercialisation income (\$)



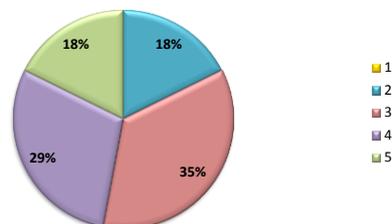
| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|-----------------|------------------|--------------------|
| 0301 | \$14,046 | \$49,770 | \$10,031 | \$73,847 |
| 0302 | \$0 | \$4,076 | \$40,000 | \$44,076 |
| 0303 | \$714,520 | \$24,985 | \$0 | \$739,505 |
| 0304 | \$1,337,654 | \$12,906 | \$17,979 | \$1,368,540 |
| 0305 | \$17,000 | \$4,583 | \$45,026 | \$66,609 |
| 0306 | \$0 | \$0 | \$0 | \$0 |
| 0307 | \$0 | \$0 | \$1,198 | \$1,198 |
| 0399 | \$0 | \$0 | \$0 | \$0 |
| Total | \$2,083,220 | \$96,320 | \$114,234 | \$2,293,774 |

| 0301 Analytical Chemistry | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 82% | FTEs | 157 | Esteem count(s) | | | | 21 | Average National Rating 3.5 |
| | Research outputs | 1,883 | Patent(s) | | | | 7 | |
| | Research income \$ | 37,583,807 | Res. comm. income (\$) | | | | 73,847 | |
| | UoEs assessed | 17 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 3 | 6 | 5 | 3 | 17 | |

Research outputs by type

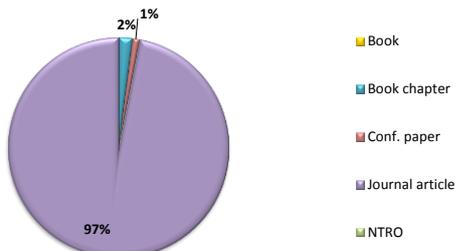


FoR rating distribution

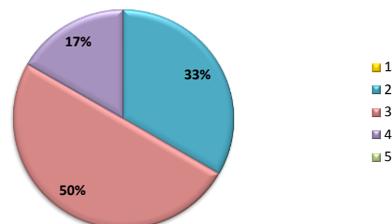


| 0302 Inorganic Chemistry | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 67% | FTEs | 115 | Esteem count(s) | | | | 24 | Average National Rating 2.8 |
| | Research outputs | 1,791 | Patent(s) | | | | 12 | |
| | Research income \$ | 18,724,513 | Res. comm. income (\$) | | | | 44,076 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 6 | 2 | 0 | 12 | |

Research outputs by type

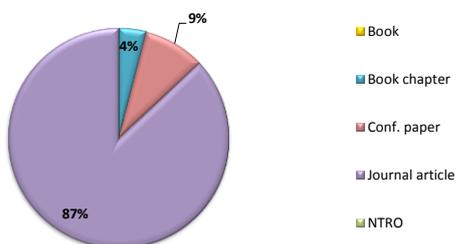


FoR rating distribution

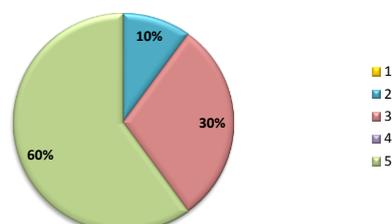


| 0303 Macromolecular and Materials Chemistry | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 90% | FTEs | 153 | Esteem count(s) | | | | 33 | Average National Rating 4.1 |
| | Research outputs | 1,415 | Patent(s) | | | | 8 | |
| | Research income \$ | 41,793,067 | Res. comm. income (\$) | | | | 739,505 | |
| | UoEs assessed | 10 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 3 | 0 | 6 | 10 | |

Research outputs by type

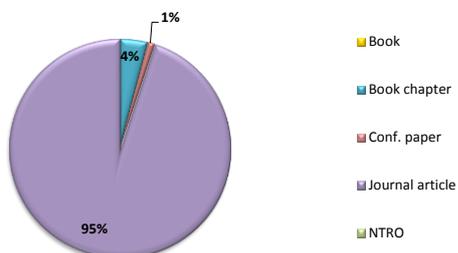


FoR rating distribution

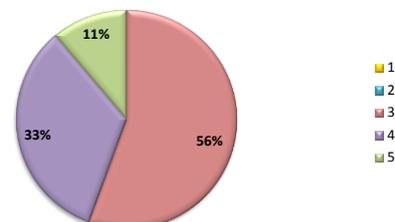


| 0304 Medicinal and Biomolecular Chemistry | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 153 | Esteem count(s) | | | | 14 | Average National Rating 3.6 |
| | Research outputs | 903 | Patent(s) | | | | 41 | |
| | Research income \$ | 55,555,670 | Res. comm. income (\$) | | | | 1,368,540 | |
| | UoEs assessed | 9 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 5 | 3 | 1 | 9 | |

Research outputs by type

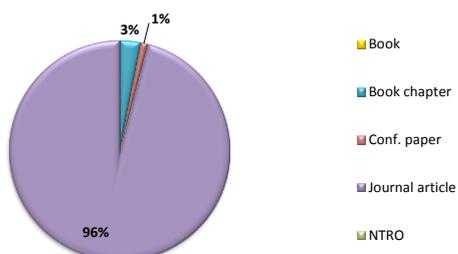


FoR rating distribution

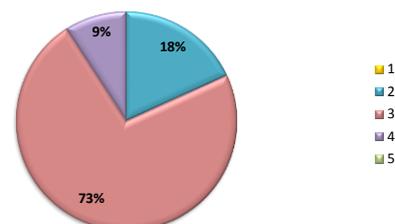


| 0305 Organic Chemistry | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 82% | FTEs | 181 | Esteem count(s) | | | | 27 | Average National Rating 2.9 |
| | Research outputs | 1,534 | Patent(s) | | | | 17 | |
| | Research income \$ | 27,916,995 | Res. comm. income (\$) | | | | 66,609 | |
| | UoEs assessed | 11 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 2 | 8 | 1 | 0 | 11 | |

Research outputs by type

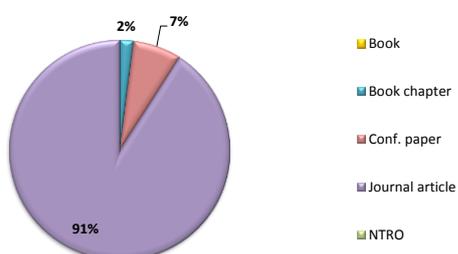


FoR rating distribution

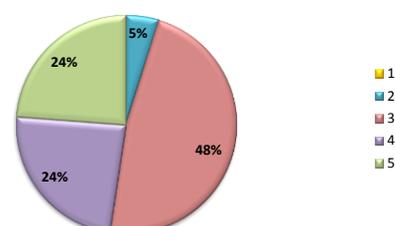


| 0306 Physical Chemistry (Incl. Structural) | | | | | | | | |
|--|--------------------|------------|------------------------|----|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 95% | FTEs | 261 | Esteem count(s) | | | | 36 | Average National Rating 3.7 |
| | Research outputs | 3,664 | Patent(s) | | | | 2 | |
| | Research income \$ | 69,512,290 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 21 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 10 | 5 | 5 | 21 | |

Research outputs by type

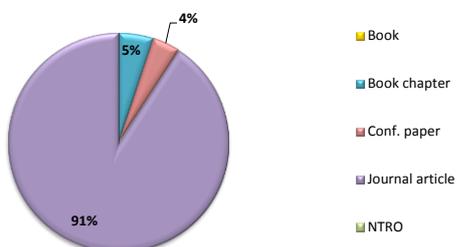


FoR rating distribution

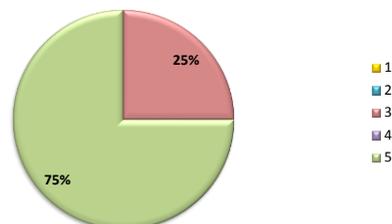


| 0307 Theoretical and Computational Chemistry | | | | | | | |
|---|--------------------|------------|---|------------------------|---|-------|-------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 54 | | Esteem count(s) | | 11 | |
| | Research outputs | 375 | | Patent(s) | | 0 | |
| | Research income \$ | 8,645,978 | | Res. comm. income (\$) | | 1,198 | |
| | UoEs assessed | 4 | | | | | |
| Average National Rating | | 4.5 | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 0 | 1 | 0 | 3 | 4 |

Research outputs by type

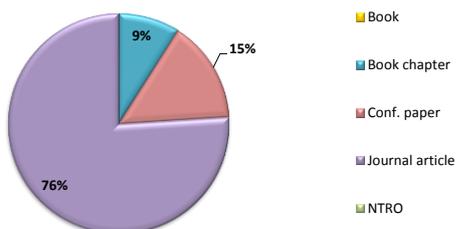


FoR rating distribution

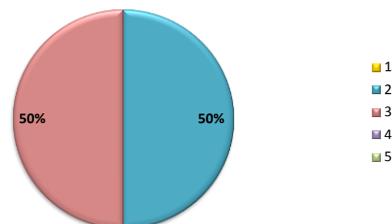


| 0399 Other Chemical Sciences | | | | | | | |
|--|--------------------|------------|---|------------------------|---|---|-------|
| % assessed UoEs rated at or above world standard 50% | FTEs | 82 | | Esteem count(s) | | 6 | |
| | Research outputs | 350 | | Patent(s) | | 0 | |
| | Research income \$ | 17,329,155 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 2 | | | | | |
| Average National Rating | | 2.5 | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 1 | 1 | 0 | 0 | 2 |

Research outputs by type



FoR rating distribution



04 EARTH SCIENCES

Earth Sciences comprises these four-digit codes:

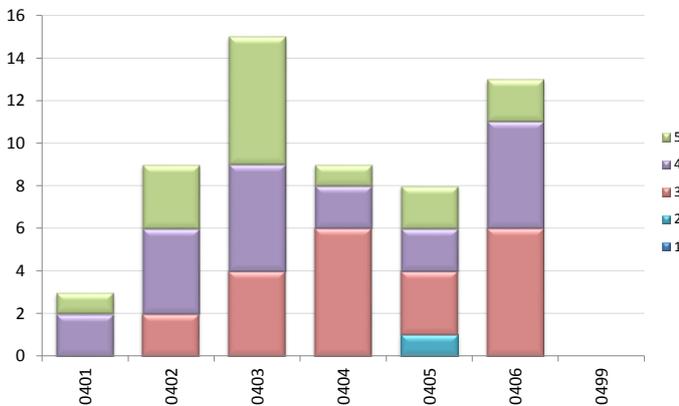
| | |
|-----------|---|
| 04 | Earth Sciences |
| 0401 | Atmospheric Sciences |
| 0402 | Geochemistry |
| 0403 | Geology |
| 0404 | Geophysics |
| 0405 | Oceanography |
| 0406 | Physical Geography and Environmental Geoscience |
| 0499 | Other Earth Sciences |

| Physical, Chemical and Earth Sciences | | | | | | | |
|--|--------------------|-------------|---|----|---|---------|-------|
| 04 Earth Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 98% | FTEs | 718 | | | Esteem count(s) | 130 | |
| | Research outputs | 8,258 | | | Patent(s) | 1 | |
| | Research income \$ | 192,587,765 | | | Res. comm. income (\$) | 534,929 | |
| | UoEs assessed | 57 | | | Average National Rating 3.9 | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 1 | 21 | 20 | 15 | 57 |

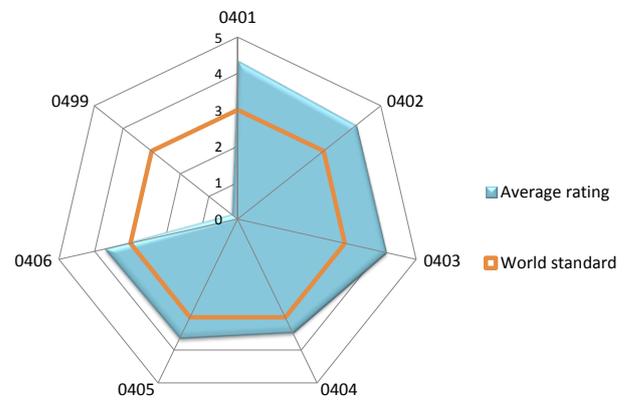
FoR overview

Earth Sciences (04) accounted for approximately 2% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 23% over the reference period. Earth Sciences received approximately 2% of HERDC Category 1 research income for the reference period. Twenty-one (21) UoEs were assessed at the two-digit FoR code level, and 57 at the four-digit FoR code level. Ninety-eight per cent (98%) of assessed UoEs in Earth Sciences received a rating at or above world standard. The largest FoR code was Geology (0403; 3,073 outputs). There was a balanced level of activity across the FoR codes within Earth Sciences in Australia and all FoR codes were represented. All disciplines within Earth Sciences performed well.

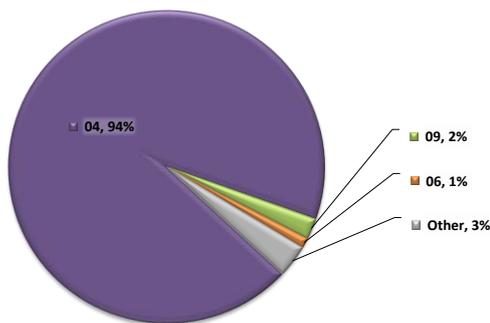
Number of UoEs per rating scale score



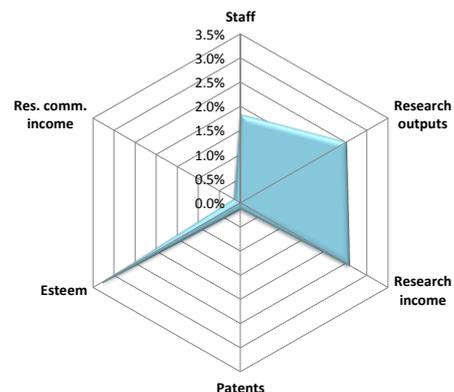
Four-digit FoR ratings



Disciplinary profile

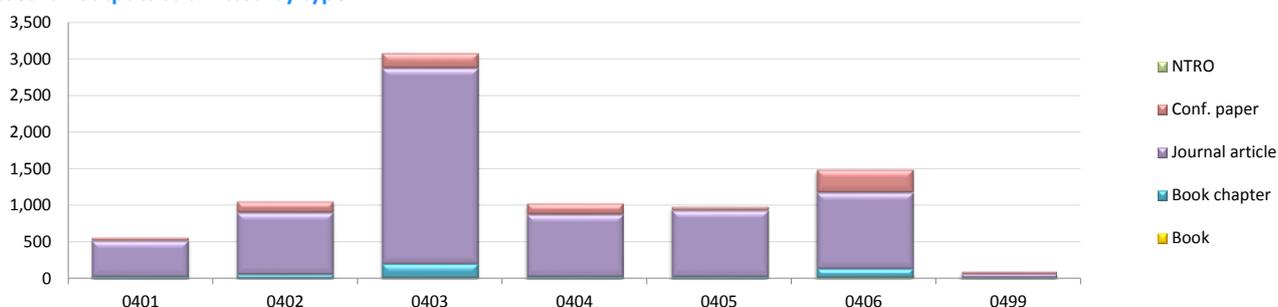


Contribution to national landscape (%)



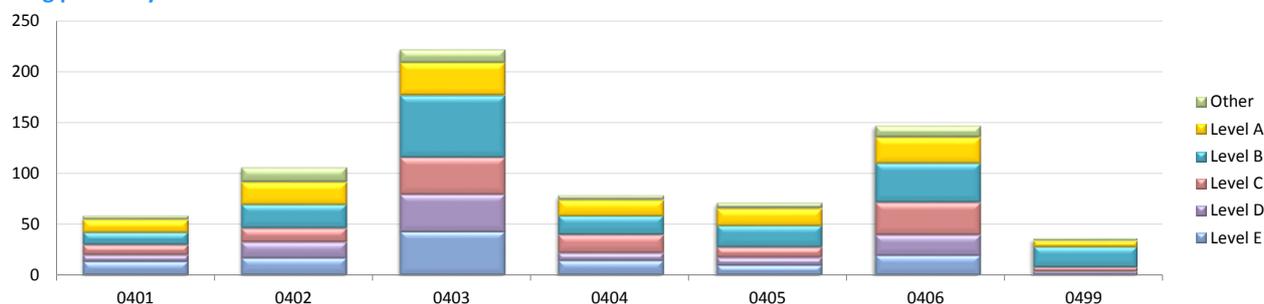
Section 2 - Results by FoR Code

Research outputs submitted by type



| FoR Code | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|-------------|----------|--------------|
| 0401 | 0 | 28 | 490 | 39 | - | 557 |
| 0402 | 3 | 56 | 843 | 147 | - | 1,048 |
| 0403 | 9 | 192 | 2,667 | 205 | - | 3,073 |
| 0404 | 1 | 26 | 849 | 147 | - | 1,023 |
| 0405 | 2 | 24 | 903 | 48 | - | 977 |
| 0406 | 12 | 124 | 1,037 | 309 | - | 1,482 |
| 0499 | 4 | 11 | 52 | 30 | - | 97 |
| Total | 31 | 460 | 6,842 | 925 | 0 | 8,258 |

Staffing profile by academic level

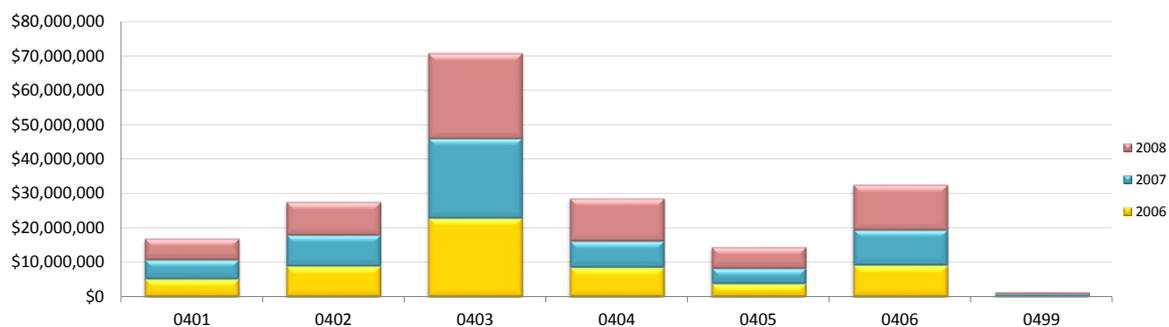


| FoR Code | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|-----------|------------|------------|------------|-----------|------------|
| 0401 | 14 | 7 | 10 | 12 | 13 | 3 | 58 |
| 0402 | 17 | 16 | 13 | 23 | 22 | 14 | 106 |
| 0403 | 42 | 37 | 36 | 61 | 32 | 13 | 222 |
| 0404 | 14 | 8 | 18 | 19 | 16 | 4 | 78 |
| 0405 | 10 | 8 | 10 | 22 | 17 | 5 | 71 |
| 0406 | 20 | 20 | 32 | 39 | 25 | 11 | 147 |
| 0499 | 1 | 3 | 4 | 20 | 6 | 2 | 36 |
| Total | 118 | 97 | 123 | 197 | 131 | 53 | 718 |

Patent profile

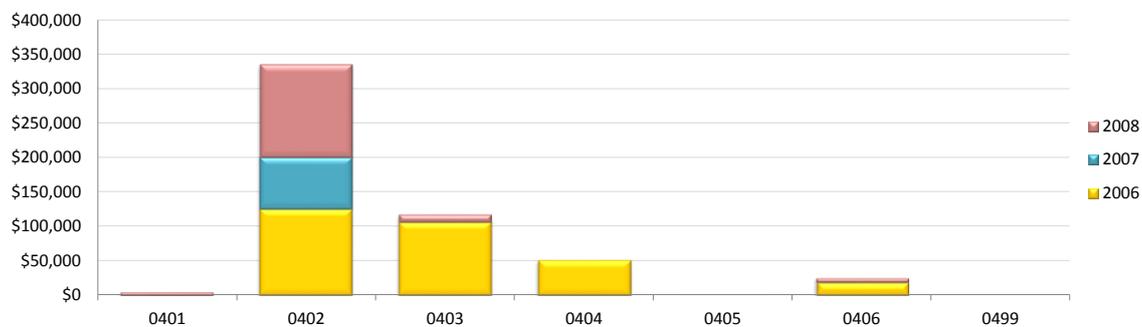
| FoR Code | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|------------|
| 0401 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0402 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0403 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0404 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| 0405 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 0406 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0499 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 0401 | \$5,120,067 | \$5,590,035 | \$6,282,451 | \$16,992,553 |
| 0402 | \$8,844,111 | \$9,105,244 | \$9,762,363 | \$27,711,719 |
| 0403 | \$22,662,306 | \$23,241,189 | \$24,841,772 | \$70,745,266 |
| 0404 | \$8,430,232 | \$7,733,699 | \$12,515,106 | \$28,679,038 |
| 0405 | \$3,726,623 | \$4,535,689 | \$6,207,972 | \$14,470,284 |
| 0406 | \$9,090,108 | \$10,341,201 | \$13,251,713 | \$32,683,022 |
| 0499 | \$234,204 | \$580,178 | \$491,502 | \$1,305,883 |
| Total | \$58,107,651 | \$61,127,236 | \$73,352,878 | \$192,587,765 |

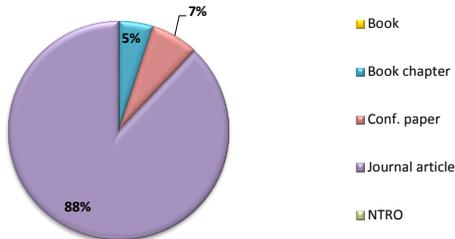
Research commercialisation income (\$)



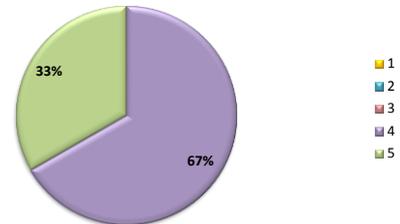
| | 2006 | 2007 | 2008 | Total |
|--------------|------------------|-----------------|------------------|------------------|
| 0401 | \$0 | \$0 | \$5,166 | \$5,166 |
| 0402 | \$124,309 | \$75,205 | \$135,607 | \$335,121 |
| 0403 | \$105,734 | \$0 | \$11,989 | \$117,723 |
| 0404 | \$51,150 | \$0 | \$0 | \$51,150 |
| 0405 | \$0 | \$127 | \$92 | \$219 |
| 0406 | \$18,908 | \$0 | \$6,641 | \$25,549 |
| 0499 | \$0 | \$0 | \$0 | \$0 |
| Total | \$300,101 | \$75,332 | \$159,495 | \$534,929 |

| 0401 Atmospheric Sciences | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---|
| % assessed UoEs rated at or above world standard 100% | FTEs | 58 | Esteem count(s) | | | | 13 | Average National Rating 4.3 |
| | Research outputs | 557 | Patent(s) | | | | 0 | |
| | Research income \$ | 16,992,553 | Res. comm. income (\$) | | | | 5,166 | |
| | UoEs assessed | 3 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 2 | 1 | 3 | |

Research outputs by type

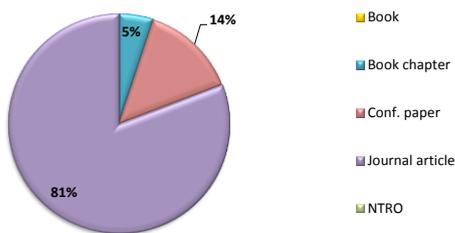


FoR rating distribution

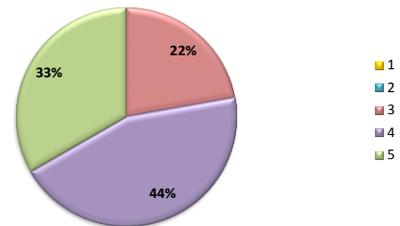


| 0402 Geochemistry | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|---------|---|
| % assessed UoEs rated at or above world standard 100% | FTEs | 106 | Esteem count(s) | | | | 30 | Average National Rating 4.1 |
| | Research outputs | 1,048 | Patent(s) | | | | 0 | |
| | Research income \$ | 27,711,719 | Res. comm. income (\$) | | | | 335,121 | |
| | UoEs assessed | 9 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 2 | 4 | 3 | 9 | |

Research outputs by type

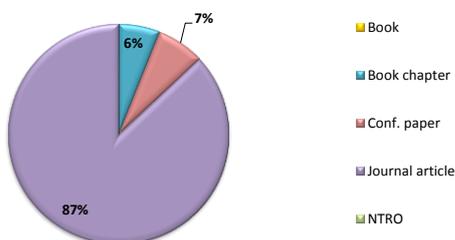


FoR rating distribution

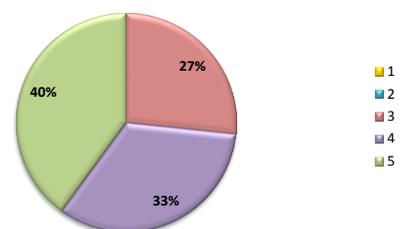


| 0403 Geology | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|---------|---|
| % assessed UoEs rated at or above world standard 100% | FTEs | 222 | Esteem count(s) | | | | 49 | Average National Rating 4.1 |
| | Research outputs | 3,073 | Patent(s) | | | | 0 | |
| | Research income \$ | 70,745,266 | Res. comm. income (\$) | | | | 117,723 | |
| | UoEs assessed | 15 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 4 | 5 | 6 | 15 | |

Research outputs by type

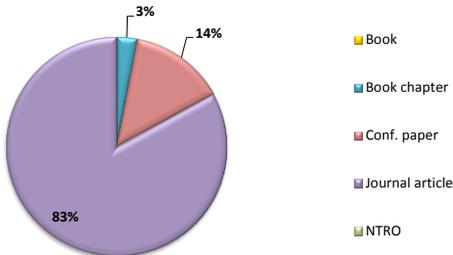


FoR rating distribution

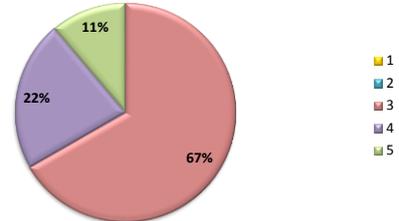


| 0404 Geophysics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 78 | Esteem count(s) | | | | 10 | Average National Rating 3.4 |
| | Research outputs | 1,023 | Patent(s) | | | | 1 | |
| | Research income \$ | 28,679,038 | Res. comm. income (\$) | | | | 51,150 | |
| | UoEs assessed | 9 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 6 | 2 | 1 | 9 | |

Research outputs by type

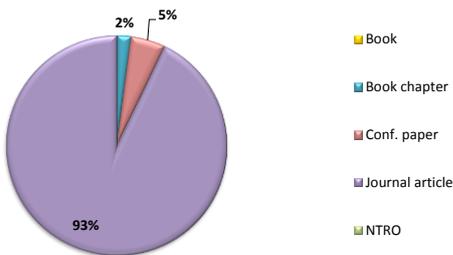


FoR rating distribution

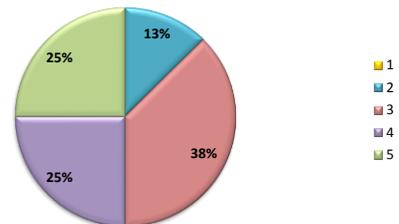


| 0405 Oceanography | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 88% | FTEs | 71 | Esteem count(s) | | | | 12 | Average National Rating 3.6 |
| | Research outputs | 977 | Patent(s) | | | | 0 | |
| | Research income \$ | 14,470,284 | Res. comm. income (\$) | | | | 219 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 3 | 2 | 2 | 8 | |

Research outputs by type

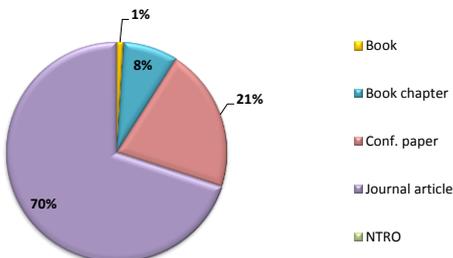


FoR rating distribution

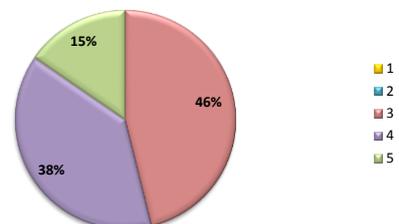


| 0406 Physical Geography and Environmental Geoscience | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 147 | Esteem count(s) | | | | 16 | Average National Rating 3.7 |
| | Research outputs | 1,482 | Patent(s) | | | | 0 | |
| | Research income \$ | 32,683,022 | Res. comm. income (\$) | | | | 25,549 | |
| | UoEs assessed | 13 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 6 | 5 | 2 | 13 | |

Research outputs by type

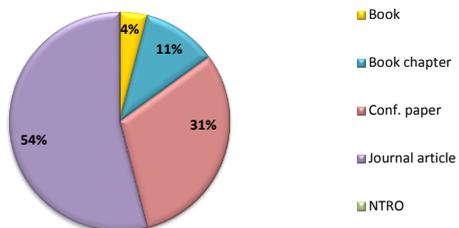


FoR rating distribution



| 0499 Other Earth Sciences | | | | | | | | |
|--|--------------------|-----------|---|---|------------------------|---|-------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 36 | | | Esteem count(s) | 0 | | Average National Rating n/a |
| | Research outputs | 97 | | | Patent(s) | 0 | | |
| | Research income \$ | 1,305,883 | | | Res. comm. income (\$) | 0 | | |
| | UoEs assessed | 0 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

05 ENVIRONMENTAL SCIENCES

Environmental Sciences comprises these four-digit codes:

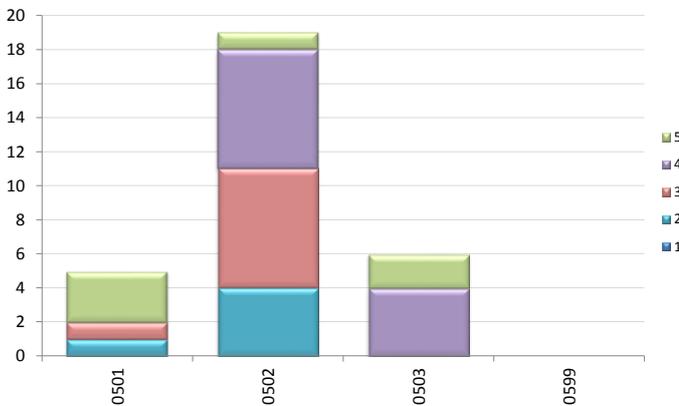
| | |
|-----------|--------------------------------------|
| 05 | Environmental Sciences |
| 0501 | Ecological Applications |
| 0502 | Environmental Science and Management |
| 0503 | Soil Sciences |
| 0599 | Other Environmental Sciences |

| Engineering and Environmental Sciences | | | | | | | |
|--|--------------------|-------------|---|---|------------------------|---|-------|
| 05 Environmental Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 83% | FTEs | 665 | | | Esteem count(s) | 77 | |
| | Research outputs | 4,695 | | | Patent(s) | 4 | |
| | Research income \$ | 237,077,004 | | | Res. comm. income (\$) | 28,091 | |
| | UoEs assessed | 30 | | | | Average National Rating 3.6 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 5 | 8 | 11 | 6 | 30 |

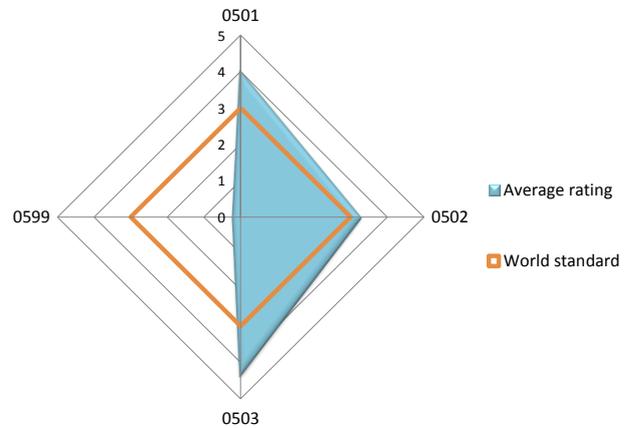
FoR overview

Environmental Sciences (05) accounted for approximately 1% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 32% over the reference period. Environmental Sciences received approximately 3% of HERDC Category 1 research income for the reference period. The disciplinary profile shows that Environmental Sciences shared a significant proportion of research outputs with Biological Sciences (06). Twenty-five (25) UoEs were assessed at the two-digit FoR code level, and 30 at the four-digit FoR code level. Eighty-three per cent (83%) of assessed UoEs in Environmental Sciences received a rating at or above world standard. The largest FoR code was Environmental Science and Management (0502; 3,065 outputs).

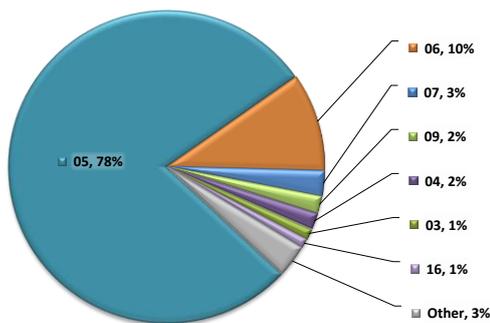
Number of UoEs per rating scale score



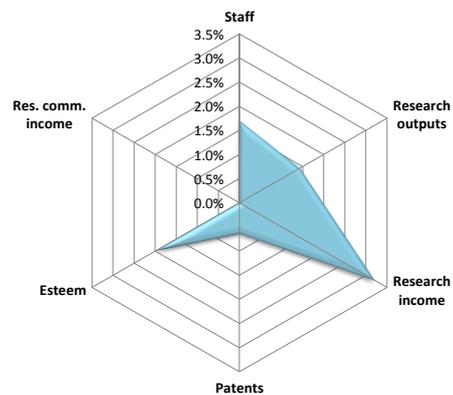
Four-digit FoR ratings



Disciplinary profile

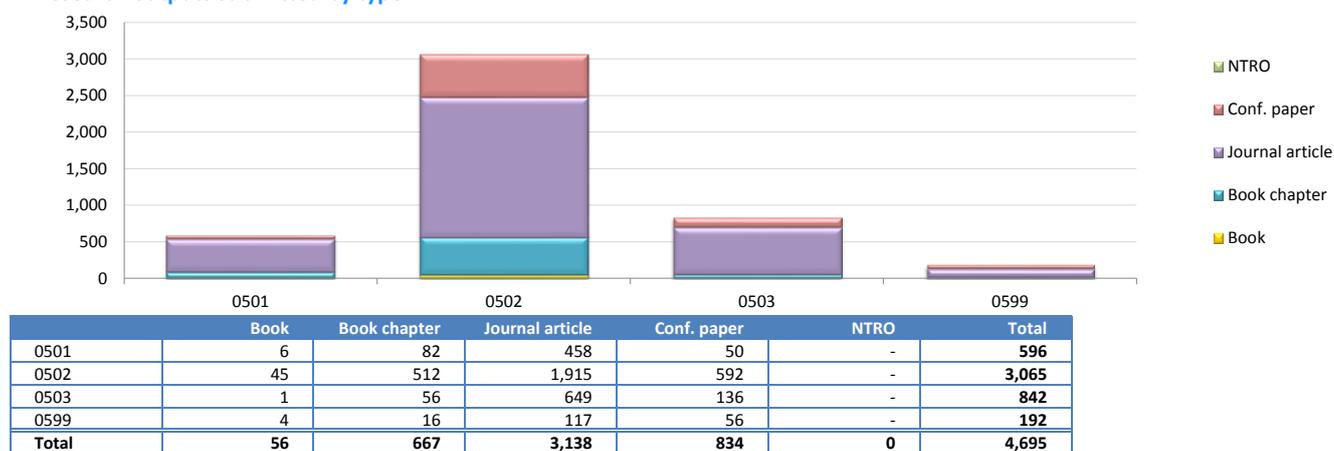


Contribution to national landscape (%)

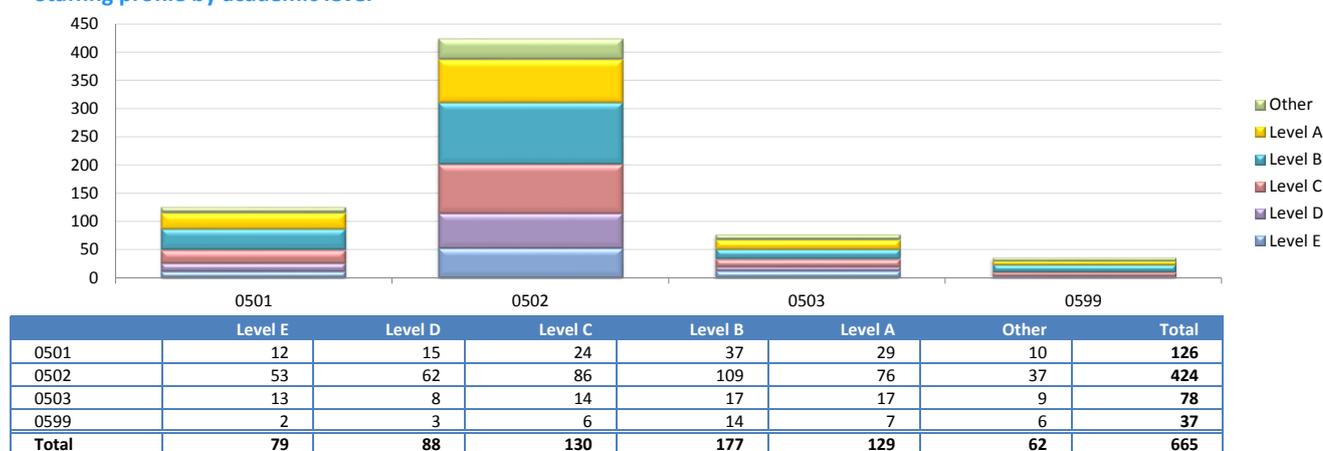


Section 2 - Results by FoR Code

Research outputs submitted by type



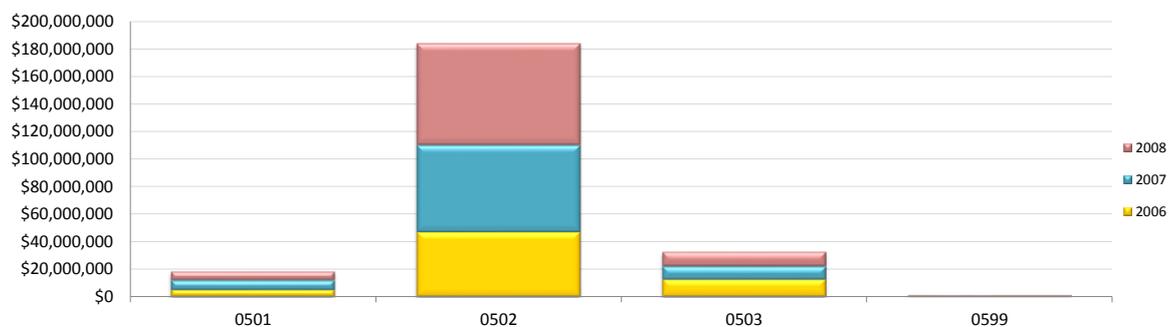
Staffing profile by academic level



Patent profile

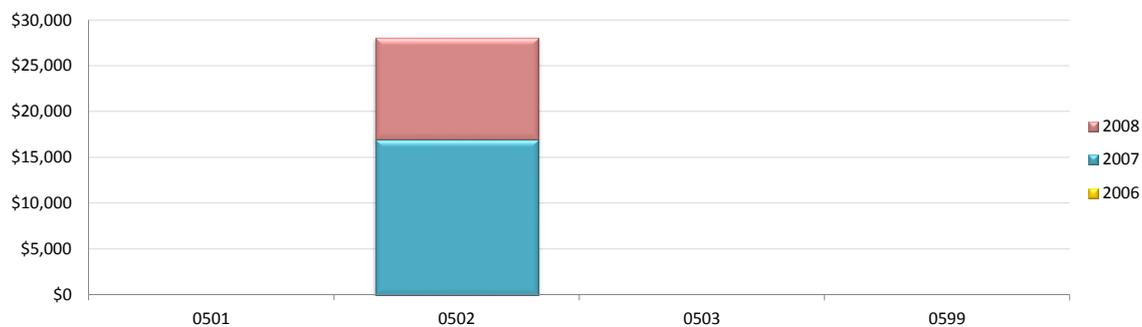
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|------------|
| 0501 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0502 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0503 | 0.0 | 2.0 | 0.0 | 0.0 | 2.1 | 0.0 | 4.1 |
| 0599 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.0 | 2.0 | 0.0 | 0.0 | 2.1 | 0.0 | 4.1 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 0501 | \$5,328,007 | \$7,013,310 | \$6,282,976 | \$18,624,293 |
| 0502 | \$47,090,652 | \$63,014,735 | \$73,851,875 | \$183,957,263 |
| 0503 | \$12,881,375 | \$9,612,453 | \$10,413,974 | \$32,907,803 |
| 0599 | \$433,054 | \$507,324 | \$647,267 | \$1,587,645 |
| Total | \$65,733,088 | \$80,147,823 | \$91,196,093 | \$237,077,004 |

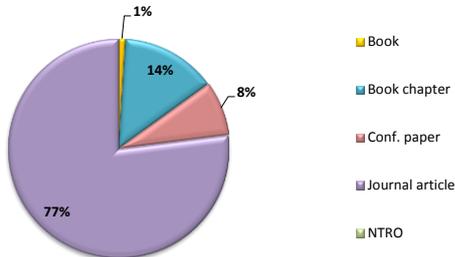
Research commercialisation income (\$)



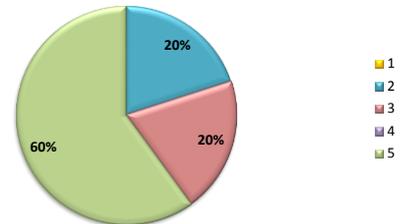
| | 2006 | 2007 | 2008 | Total |
|--------------|------------|-----------------|-----------------|-----------------|
| 0501 | \$0 | \$0 | \$0 | \$0 |
| 0502 | \$0 | \$16,927 | \$11,164 | \$28,091 |
| 0503 | \$0 | \$0 | \$0 | \$0 |
| 0599 | \$0 | \$0 | \$0 | \$0 |
| Total | \$0 | \$16,927 | \$11,164 | \$28,091 |

| 0501 Ecological Applications | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 80% | FTEs | 126 | Esteem count(s) | | | | 14 | Average National Rating 4.0 |
| | Research outputs | 596 | Patent(s) | | | | 0 | |
| | Research income \$ | 18,624,293 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 5 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 1 | 0 | 3 | 5 | |

Research outputs by type

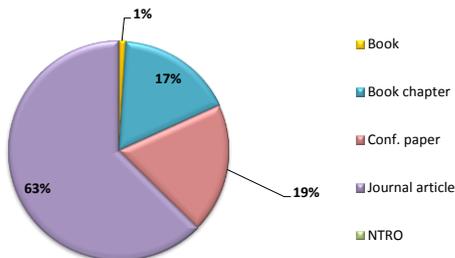


FoR rating distribution

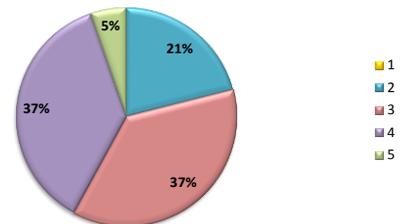


| 0502 Environmental Science and Management | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 79% | FTEs | 424 | Esteem count(s) | | | | 49 | Average National Rating 3.3 |
| | Research outputs | 3,065 | Patent(s) | | | | 0 | |
| | Research income \$ | 183,957,263 | Res. comm. income (\$) | | | | 28,091 | |
| | UoEs assessed | 19 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 7 | 7 | 1 | 19 | |

Research outputs by type

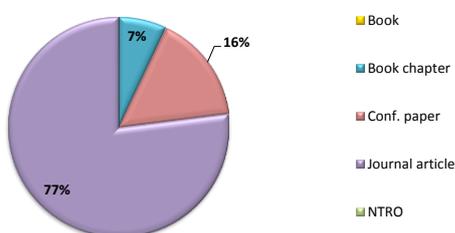


FoR rating distribution

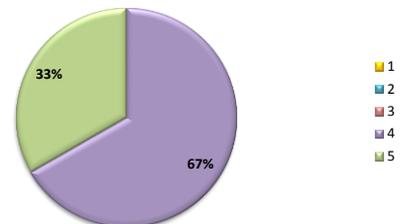


| 0503 Soil Sciences | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 78 | Esteem count(s) | | | | 14 | Average National Rating 4.3 |
| | Research outputs | 842 | Patent(s) | | | | 4 | |
| | Research income \$ | 32,907,803 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 6 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 4 | 2 | 6 | |

Research outputs by type

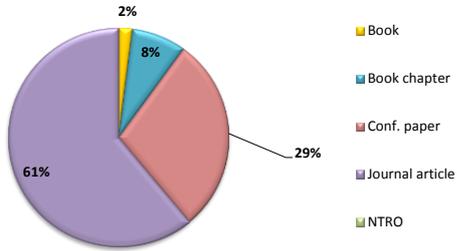


FoR rating distribution



| 0599 Other Environmental Sciences | | | | | | | | |
|--|--------------------|-----------|---|------------------------|---|---|-------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 37 | | Esteem count(s) | | 1 | | Average National Rating n/a |
| | Research outputs | 192 | | Patent(s) | | 0 | | |
| | Research income \$ | 1,587,645 | | Res. comm. income (\$) | | 0 | | |
| | UoEs assessed | 0 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

06 BIOLOGICAL SCIENCES

Biological Sciences comprises these four-digit codes:

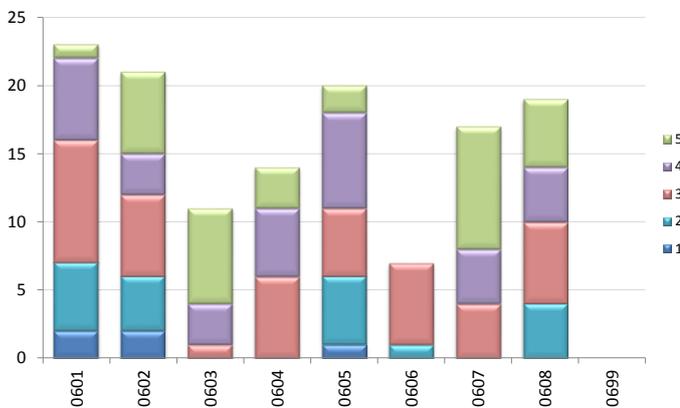
| | |
|-----------|-------------------------------|
| 06 | Biological Sciences |
| 0601 | Biochemistry and Cell Biology |
| 0602 | Ecology |
| 0603 | Evolutionary Biology |
| 0604 | Genetics |
| 0605 | Microbiology |
| 0606 | Physiology |
| 0607 | Plant Biology |
| 0608 | Zoology |
| 0699 | Other Biological Sciences |

| Biological Sciences and Biotechnology | | | | | | | |
|--|--------------------|-------------|----|----|------------------------|---|-------|
| 06 Biological Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 82% | FTEs | 3,313 | | | Esteem count(s) | 412 | |
| | Research outputs | 23,404 | | | Patent(s) | 96 | |
| | Research income \$ | 893,606,552 | | | Res. comm. income (\$) | 16,650,189 | |
| | UoEs assessed | 132 | | | | Average National Rating 3.5 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 5 | 19 | 43 | 32 | 33 | 132 |

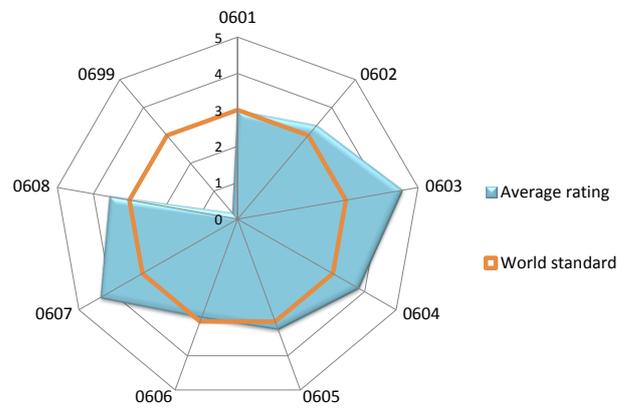
FoR overview

Biological Sciences (06) accounted for approximately 7% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 19% over the reference period. Biological Sciences received approximately 15% of HERDC Category 1 research income for the reference period. The disciplinary profile shows that Biological Sciences shared a significant proportion of research outputs with Medical and Health Sciences (11) in BCH. Thirty-four (34) UoEs were assessed at the two-digit FoR code level, and 132 at the four-digit FoR code level. Eighty-two per cent (82%) of assessed UoEs in Biological Sciences received a rating at or above world standard. The largest FoR codes were Biochemistry and Cell Biology (0601; 5,991 outputs), Ecology (0602; 3,673 outputs) and Zoology (0608; 3,119 outputs). Particularly strong performers were Evolutionary Biology (0603), Plant Biology (0607) and Genetics (0604).

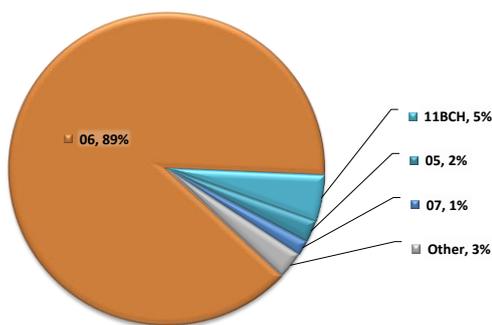
Number of UoEs per rating scale score



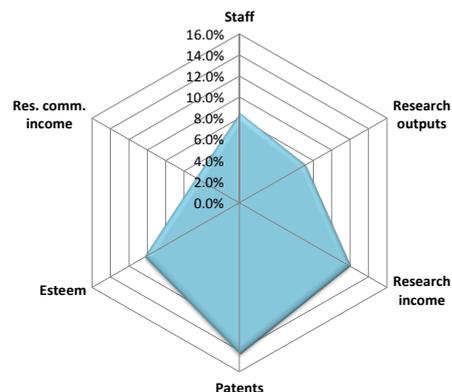
Four-digit FoR ratings



Disciplinary profile

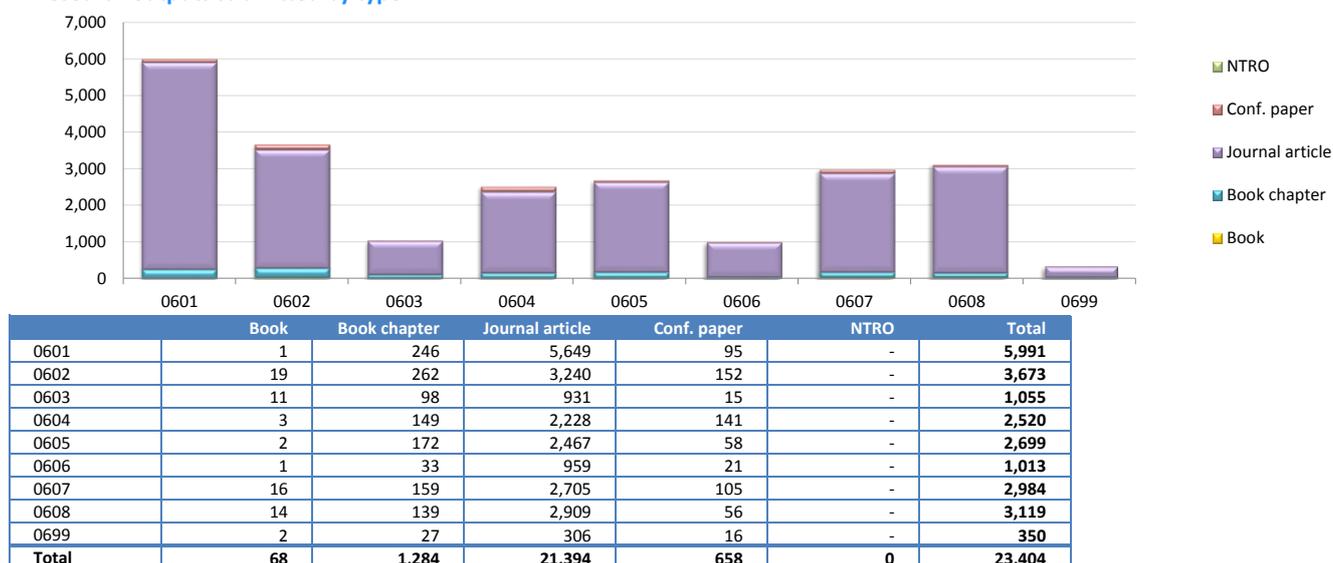


Contribution to national landscape (%)

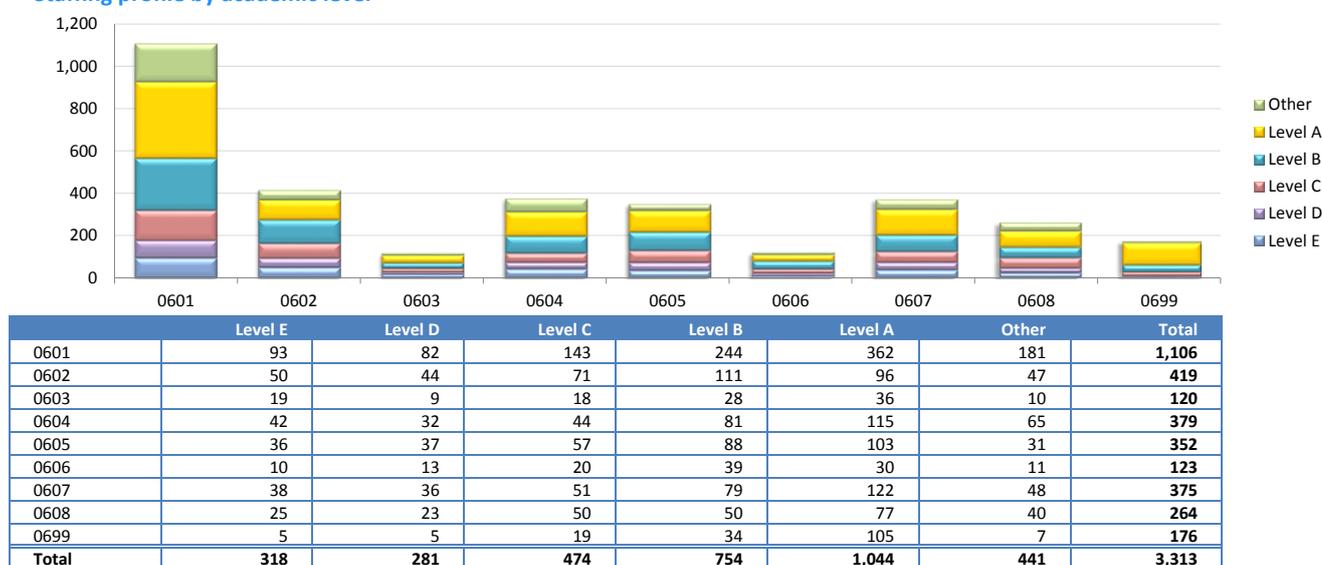


Section 2 - Results by FoR Code

Research outputs submitted by type



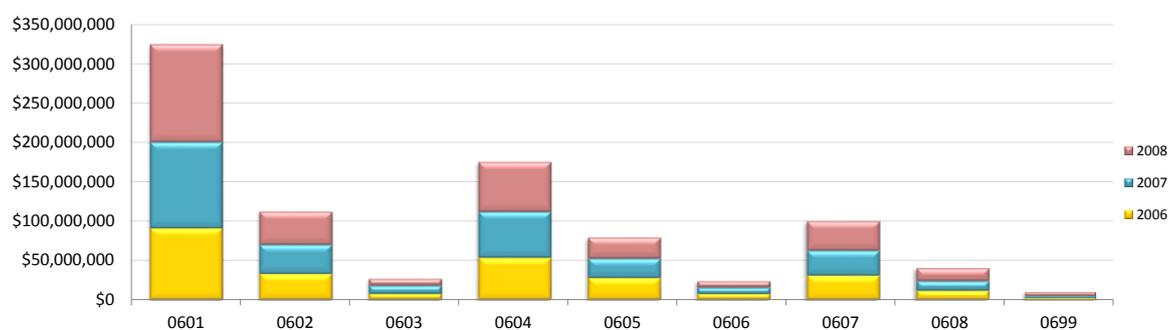
Staffing profile by academic level



Patent profile

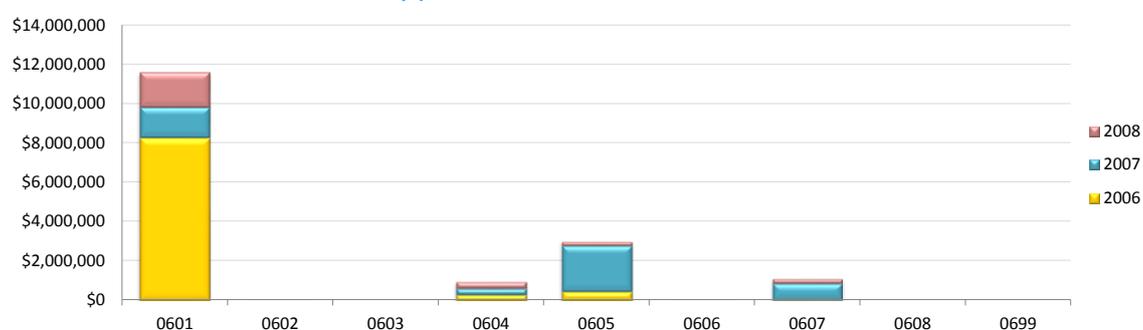
| FoR Code | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|-------------|---------------|------------|------------|-------------|------------|-------------|
| 0601 | 8.5 | 11.6 | 2.4 | 0.2 | 12.3 | 0.0 | 35.1 |
| 0602 | 0.4 | 0.2 | 0.0 | 0.0 | 0.4 | 0.0 | 1.0 |
| 0603 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0604 | 6.8 | 1.1 | 0.3 | 0.0 | 2.1 | 0.0 | 10.4 |
| 0605 | 9.6 | 2.4 | 0.9 | 0.2 | 17.1 | 0.0 | 30.2 |
| 0606 | 0.8 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 |
| 0607 | 3.1 | 2.1 | 1.8 | 0.0 | 8.2 | 0.0 | 15.2 |
| 0608 | 1.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 1.5 |
| 0699 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 |
| Total | 30.3 | 17.9 | 5.9 | 0.4 | 41.1 | 0.0 | 95.6 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|----------------------|----------------------|----------------------|----------------------|
| 0601 | \$91,062,772 | \$109,331,879 | \$123,973,745 | \$324,368,395 |
| 0602 | \$33,214,214 | \$37,110,040 | \$42,078,459 | \$112,402,714 |
| 0603 | \$7,958,184 | \$10,532,055 | \$8,593,733 | \$27,083,971 |
| 0604 | \$53,767,683 | \$58,332,304 | \$63,162,049 | \$175,262,036 |
| 0605 | \$28,217,347 | \$24,477,686 | \$26,661,605 | \$79,356,638 |
| 0606 | \$7,667,921 | \$8,136,952 | \$8,114,895 | \$23,919,768 |
| 0607 | \$31,156,899 | \$31,868,302 | \$37,290,311 | \$100,315,511 |
| 0608 | \$11,902,152 | \$12,409,299 | \$16,427,093 | \$40,738,545 |
| 0699 | \$2,947,929 | \$2,530,384 | \$4,680,662 | \$10,158,975 |
| Total | \$267,895,101 | \$294,728,901 | \$330,982,551 | \$893,606,552 |

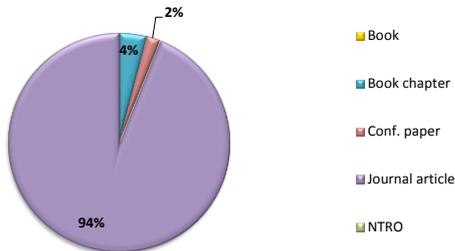
Research commercialisation income (\$)



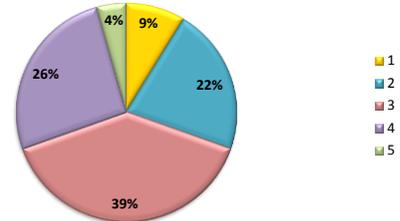
| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|--------------------|---------------------|
| 0601 | \$8,229,503 | \$1,545,080 | \$1,796,058 | \$11,570,641 |
| 0602 | \$0 | \$0 | \$10,532 | \$10,532 |
| 0603 | \$0 | \$0 | \$0 | \$0 |
| 0604 | \$293,576 | \$318,654 | \$341,696 | \$953,926 |
| 0605 | \$461,279 | \$2,335,787 | \$204,481 | \$3,001,546 |
| 0606 | \$2,000 | \$999 | \$461 | \$3,460 |
| 0607 | \$24,304 | \$849,569 | \$236,210 | \$1,110,083 |
| 0608 | \$0 | \$0 | \$0 | \$0 |
| 0699 | \$0 | \$0 | \$0 | \$0 |
| Total | \$9,010,661 | \$5,050,089 | \$2,589,439 | \$16,650,189 |

| 0601 Biochemistry and Cell Biology | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|------------|---------------------------------------|
| % assessed UoEs rated at or above world standard 70% | FTEs | 1,106 | Esteem count(s) | | | | 119 | Average National Rating 3.0 |
| | Research outputs | 5,991 | Patent(s) | | | | 35 | |
| | Research income \$ | 324,368,395 | Res. comm. income (\$) | | | | 11,570,641 | |
| | UoEs assessed | 23 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 5 | 9 | 6 | 1 | 23 | |

Research outputs by type

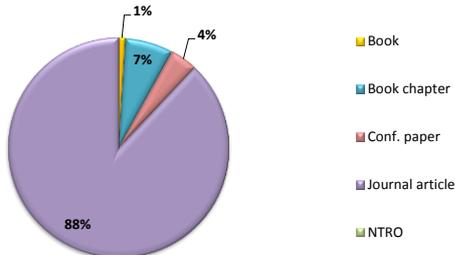


FoR rating distribution

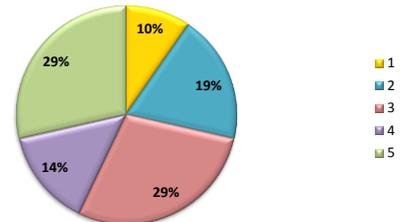


| 0602 Ecology | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 71% | FTEs | 419 | Esteem count(s) | | | | 66 | Average National Rating 3.3 |
| | Research outputs | 3,673 | Patent(s) | | | | 1 | |
| | Research income \$ | 112,402,714 | Res. comm. income (\$) | | | | 10,532 | |
| | UoEs assessed | 21 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 4 | 6 | 3 | 6 | 21 | |

Research outputs by type

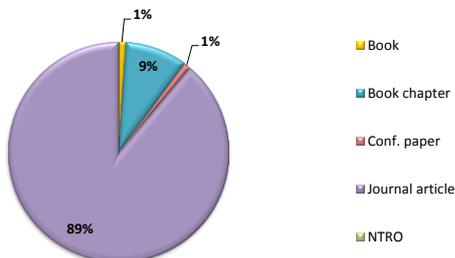


FoR rating distribution

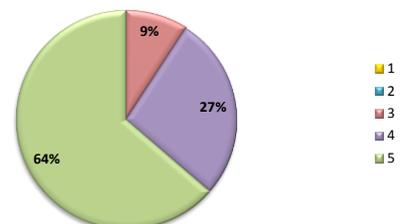


| 0603 Evolutionary Biology | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 120 | Esteem count(s) | | | | 42 | Average National Rating 4.5 |
| | Research outputs | 1,055 | Patent(s) | | | | 0 | |
| | Research income \$ | 27,083,971 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 11 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 1 | 3 | 7 | 11 | |

Research outputs by type

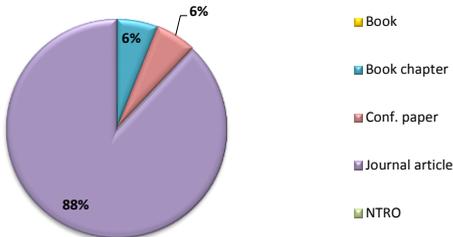


FoR rating distribution

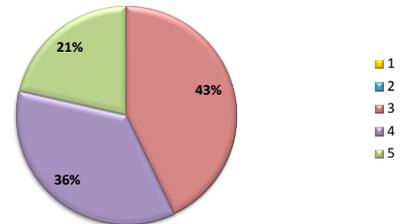


| 0604 Genetics | | | | | | | | |
|---|--------------------|-------------|---|------------------------|---|---------|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 379 | | Esteem count(s) | | 57 | | Average National Rating 3.8 |
| | Research outputs | 2,520 | | Patent(s) | | 10 | | |
| | Research income \$ | 175,262,036 | | Res. comm. income (\$) | | 953,926 | | |
| | UoEs assessed | 14 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 6 | 5 | 3 | 14 | |

Research outputs by type

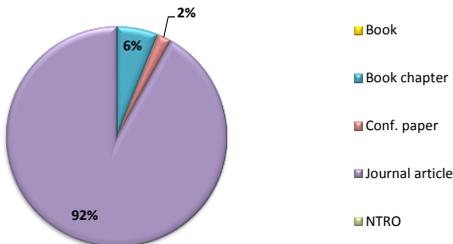


FoR rating distribution

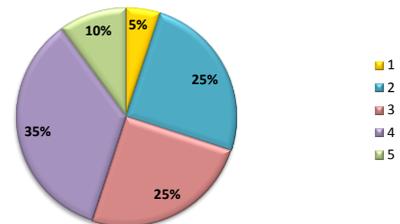


| 0605 Microbiology | | | | | | | | |
|--|--------------------|------------|---|------------------------|---|-----------|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 70% | FTEs | 352 | | Esteem count(s) | | 30 | | Average National Rating 3.2 |
| | Research outputs | 2,699 | | Patent(s) | | 30 | | |
| | Research income \$ | 79,356,638 | | Res. comm. income (\$) | | 3,001,546 | | |
| | UoEs assessed | 20 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 5 | 5 | 7 | 2 | 20 | |

Research outputs by type

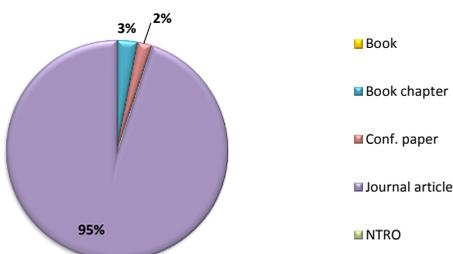


FoR rating distribution

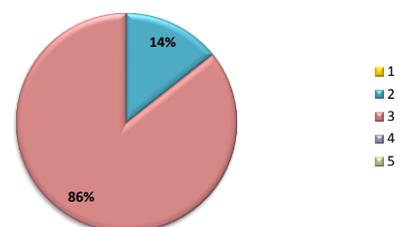


| 0606 Physiology | | | | | | | | |
|--|--------------------|------------|---|------------------------|---|-------|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 86% | FTEs | 123 | | Esteem count(s) | | 10 | | Average National Rating 2.9 |
| | Research outputs | 1,013 | | Patent(s) | | 1 | | |
| | Research income \$ | 23,919,768 | | Res. comm. income (\$) | | 3,460 | | |
| | UoEs assessed | 7 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 6 | 0 | 0 | 7 | |

Research outputs by type

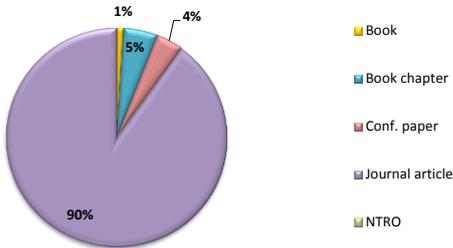


FoR rating distribution

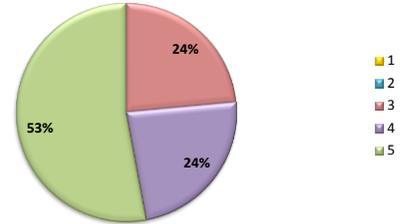


| 0607 Plant Biology | | | | | | | | |
|---|--------------------|-------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 375 | Esteem count(s) | | | | 54 | Average National Rating 4.3 |
| | Research outputs | 2,984 | Patent(s) | | | | 15 | |
| | Research income \$ | 100,315,511 | Res. comm. income (\$) | | | | 1,110,083 | |
| | UoEs assessed | 17 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 4 | 4 | 9 | 17 | |

Research outputs by type

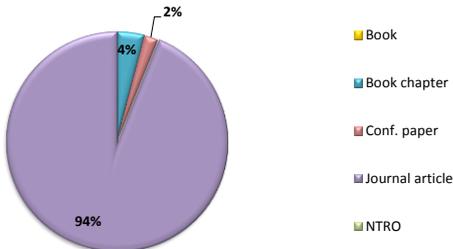


FoR rating distribution

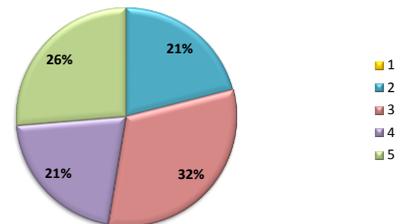


| 0608 Zoology | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 79% | FTEs | 264 | Esteem count(s) | | | | 35 | Average National Rating 3.5 |
| | Research outputs | 3,119 | Patent(s) | | | | 2 | |
| | Research income \$ | 40,738,545 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 19 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 6 | 4 | 5 | 19 | |

Research outputs by type

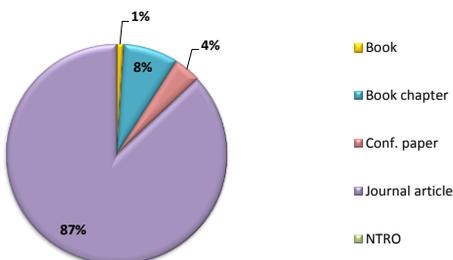


FoR rating distribution



| 0699 Other Biological Sciences | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 176 | Esteem count(s) | | | | 1 | Average National Rating n/a |
| | Research outputs | 350 | Patent(s) | | | | 1 | |
| | Research income \$ | 10,158,975 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

07 AGRICULTURAL AND VETERINARY SCIENCES

Agricultural and Veterinary Sciences comprises these four-digit codes:

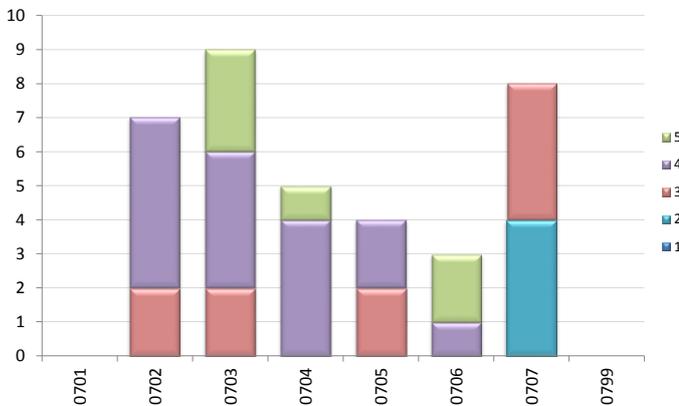
| | |
|-----------|---|
| 07 | Agricultural and Veterinary Sciences |
| 0701 | Agriculture, Land and Farm Management |
| 0702 | Animal Production |
| 0703 | Crop and Pasture Production |
| 0704 | Fisheries Sciences |
| 0705 | Forestry Sciences |
| 0706 | Horticultural Production |
| 0707 | Veterinary Sciences |
| 0799 | Other Agricultural and Veterinary Sciences |

| Biological Sciences and Biotechnology | | | | | | | |
|--|--------------------|-------------|---|----|------------------------|------------|-------|
| 07 Agricultural and Veterinary Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 89% | FTEs | 1,021 | | | Esteem count(s) | 60 | |
| | Research outputs | 8,539 | | | Patent(s) | 35 | |
| | Research income \$ | 442,957,203 | | | Res. comm. income (\$) | 23,809,735 | |
| | UoEs assessed | 36 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 4 | 10 | 16 | 6 | 36 |
| Average National Rating 3.7 | | | | | | | |

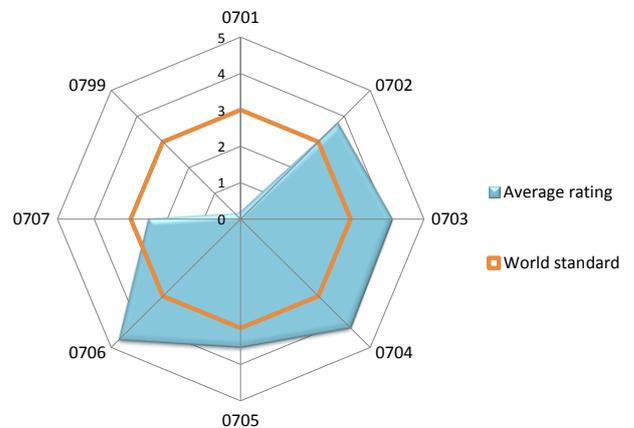
FoR overview

Agricultural and Veterinary Sciences (07) accounted for approximately 3% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 16% over the reference period. Agricultural and Veterinary Sciences received approximately 7% of HERDC Category 1 research income for the reference period. The disciplinary profile shows that Agricultural and Veterinary Sciences shared a significant proportion of research outputs with Biological Sciences (06). Twenty-five (25) UoEs were assessed at the two-digit FoR code level, and 36 at the four-digit FoR code level. Eighty-nine per cent (89%) of assessed UoEs in Agricultural and Veterinary Sciences received a rating at or above world standard. The largest FoR codes were Crop and Pasture Production (0703; 2,057 outputs) and Veterinary Sciences (0707; 1,942 outputs).

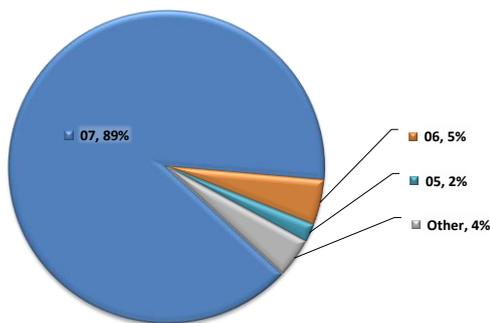
Number of UoEs per rating scale score



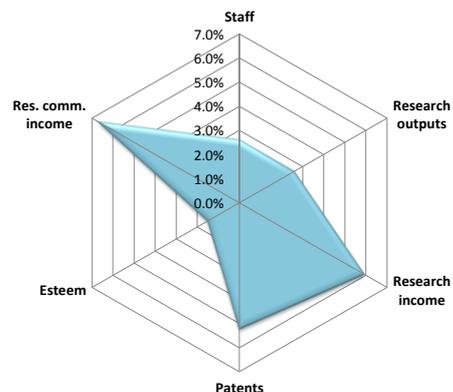
Four-digit FoR ratings



Disciplinary profile

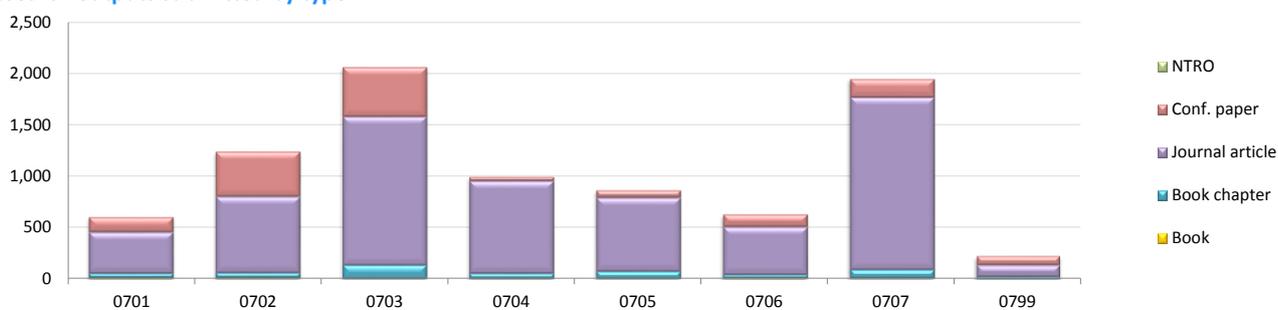


Contribution to national landscape (%)



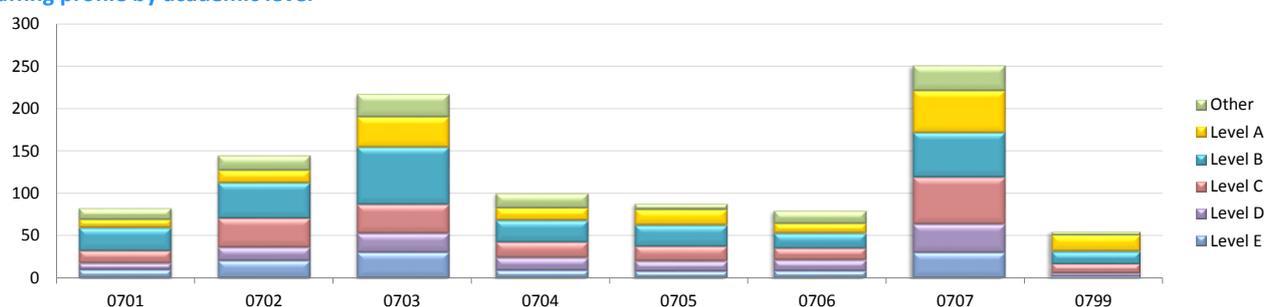
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|--------------|----------|--------------|
| 0701 | 6 | 46 | 403 | 145 | - | 600 |
| 0702 | 6 | 52 | 743 | 437 | - | 1,238 |
| 0703 | 4 | 130 | 1,442 | 482 | - | 2,057 |
| 0704 | 2 | 51 | 899 | 40 | - | 992 |
| 0705 | 2 | 71 | 717 | 71 | - | 862 |
| 0706 | 7 | 33 | 466 | 121 | - | 626 |
| 0707 | 5 | 83 | 1,674 | 180 | - | 1,942 |
| 0799 | 4 | 17 | 114 | 87 | - | 221 |
| Total | 35 | 484 | 6,459 | 1,562 | 0 | 8,539 |

Staffing profile by academic level

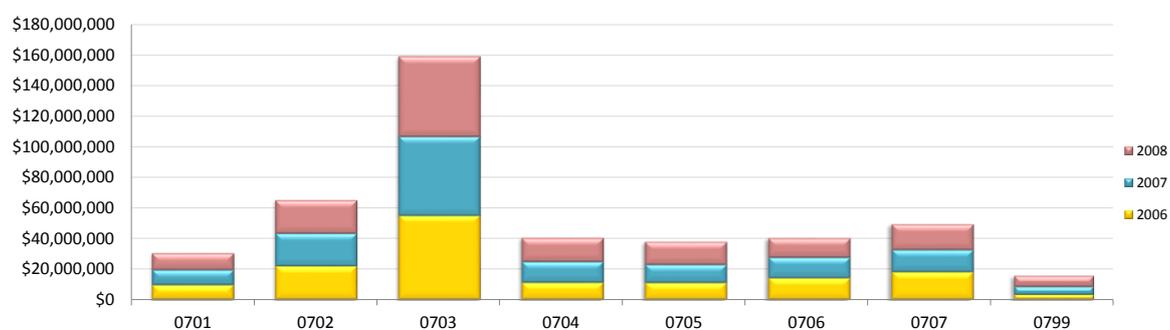


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|------------|--------------|
| 0701 | 10 | 8 | 15 | 27 | 10 | 13 | 83 |
| 0702 | 20 | 16 | 34 | 42 | 15 | 18 | 145 |
| 0703 | 30 | 22 | 34 | 67 | 36 | 27 | 217 |
| 0704 | 9 | 15 | 19 | 26 | 15 | 17 | 101 |
| 0705 | 8 | 12 | 18 | 25 | 19 | 7 | 88 |
| 0706 | 9 | 13 | 14 | 18 | 12 | 15 | 80 |
| 0707 | 30 | 33 | 55 | 52 | 50 | 30 | 251 |
| 0799 | 3 | 3 | 11 | 15 | 19 | 4 | 55 |
| Total | 120 | 122 | 200 | 272 | 176 | 133 | 1,021 |

Patent profile

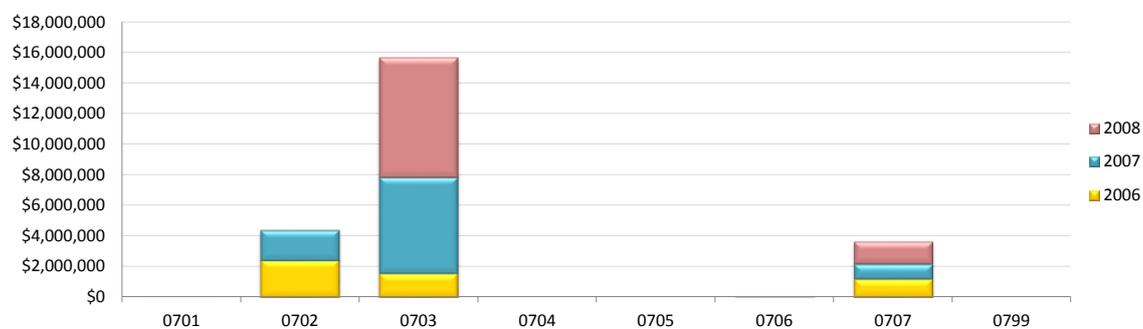
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|-------------|
| 0701 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0702 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 |
| 0703 | 1.3 | 0.3 | 0.6 | 0.0 | 6.0 | 0.0 | 8.2 |
| 0704 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0705 | 2.3 | 0.8 | 0.8 | 0.8 | 6.2 | 0.0 | 10.8 |
| 0706 | 3.1 | 0.8 | 0.3 | 0.0 | 1.3 | 0.0 | 5.6 |
| 0707 | 1.2 | 0.5 | 0.0 | 0.0 | 7.0 | 0.0 | 8.7 |
| 0799 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 9.4 | 2.4 | 1.7 | 0.8 | 20.4 | 0.0 | 34.7 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|----------------------|----------------------|----------------------|----------------------|
| 0701 | \$9,803,606 | \$10,192,958 | \$11,037,544 | \$31,034,109 |
| 0702 | \$22,143,459 | \$21,681,625 | \$21,942,338 | \$65,767,423 |
| 0703 | \$54,906,775 | \$51,804,487 | \$52,603,454 | \$159,314,716 |
| 0704 | \$11,424,865 | \$13,967,482 | \$15,737,445 | \$41,129,792 |
| 0705 | \$11,316,050 | \$12,056,929 | \$15,189,465 | \$38,562,444 |
| 0706 | \$14,389,194 | \$13,669,840 | \$12,854,539 | \$40,913,573 |
| 0707 | \$18,328,738 | \$14,736,721 | \$16,928,304 | \$49,993,763 |
| 0799 | \$3,534,190 | \$5,457,032 | \$7,250,162 | \$16,241,384 |
| Total | \$145,846,877 | \$143,567,074 | \$153,543,251 | \$442,957,203 |

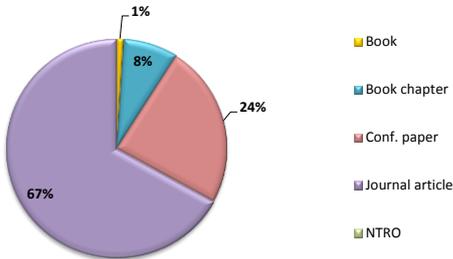
Research commercialisation income (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|--------------------|---------------------|
| 0701 | \$1,326 | \$1,019 | \$5,604 | \$7,948 |
| 0702 | \$2,387,111 | \$2,011,532 | \$41,531 | \$4,440,174 |
| 0703 | \$1,552,851 | \$6,275,921 | \$7,814,845 | \$15,643,616 |
| 0704 | \$0 | \$0 | \$0 | \$0 |
| 0705 | \$0 | \$0 | \$0 | \$0 |
| 0706 | \$2,936 | \$9,298 | \$4,593 | \$16,827 |
| 0707 | \$1,195,166 | \$996,970 | \$1,509,035 | \$3,701,170 |
| 0799 | \$0 | \$0 | \$0 | \$0 |
| Total | \$5,139,389 | \$9,294,739 | \$9,375,607 | \$23,809,735 |

| 0701 Agriculture, Land and Farm Management | | | | | | | |
|--|--------------------|------------|---|------------------------|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 83 | | Esteem count(s) | | 3 | |
| | Research outputs | 600 | | Patent(s) | | 0 | |
| | Research income \$ | 31,034,109 | | Res. comm. income (\$) | | 7,948 | |
| | UoEs assessed | 0 | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | Average National Rating n/a |

Research outputs by type

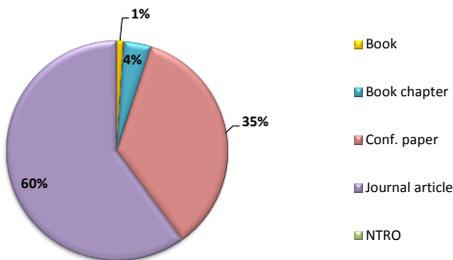


FoR rating distribution

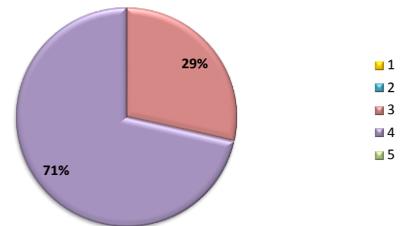
Insufficient data

| 0702 Animal Production | | | | | | | |
|---|--------------------|------------|---|------------------------|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 145 | | Esteem count(s) | | 8 | |
| | Research outputs | 1,238 | | Patent(s) | | 2 | |
| | Research income \$ | 65,767,423 | | Res. comm. income (\$) | | 4,440,174 | |
| | UoEs assessed | 7 | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 0 | 2 | 5 | 0 | 7 |
| | | | | | | | Average National Rating 3.7 |

Research outputs by type

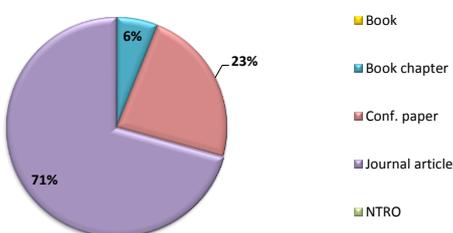


FoR rating distribution

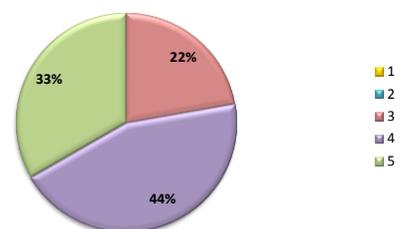


| 0703 Crop and Pasture Production | | | | | | | |
|---|--------------------|-------------|---|------------------------|---|------------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 217 | | Esteem count(s) | | 19 | |
| | Research outputs | 2,057 | | Patent(s) | | 8 | |
| | Research income \$ | 159,314,716 | | Res. comm. income (\$) | | 15,643,616 | |
| | UoEs assessed | 9 | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 0 | 2 | 4 | 3 | 9 |
| | | | | | | | Average National Rating 4.1 |

Research outputs by type

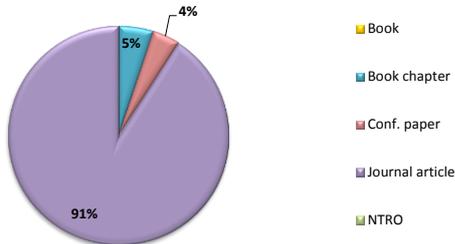


FoR rating distribution

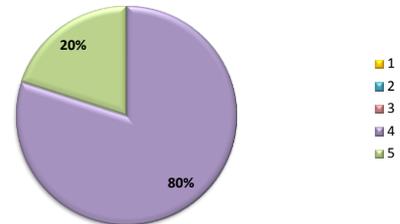


| 0704 Fisheries Sciences | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 101 | Esteem count(s) | | | | 3 | Average National Rating 4.2 |
| | Research outputs | 992 | Patent(s) | | | | 0 | |
| | Research income \$ | 41,129,792 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 5 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 4 | 1 | 5 | |

Research outputs by type

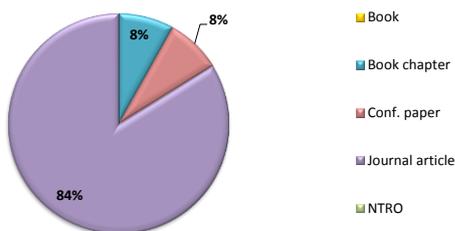


FoR rating distribution

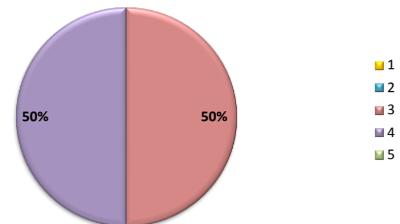


| 0705 Forestry Sciences | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 88 | Esteem count(s) | | | | 9 | Average National Rating 3.5 |
| | Research outputs | 862 | Patent(s) | | | | 11 | |
| | Research income \$ | 38,562,444 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 4 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 2 | 2 | 0 | 4 | |

Research outputs by type

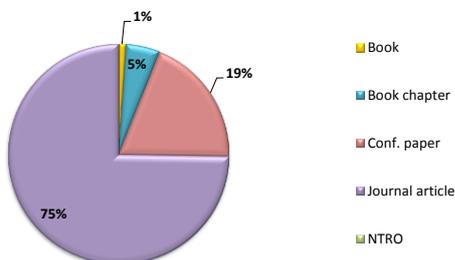


FoR rating distribution

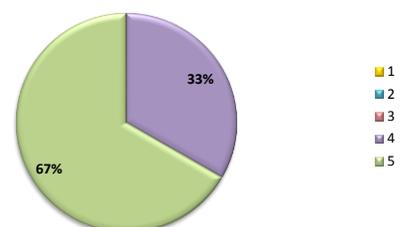


| 0706 Horticultural Production | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 80 | Esteem count(s) | | | | 7 | Average National Rating 4.7 |
| | Research outputs | 626 | Patent(s) | | | | 6 | |
| | Research income \$ | 40,913,573 | Res. comm. income (\$) | | | | 16,827 | |
| | UoEs assessed | 3 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 1 | 2 | 3 | |

Research outputs by type

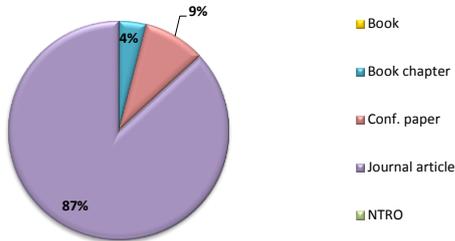


FoR rating distribution

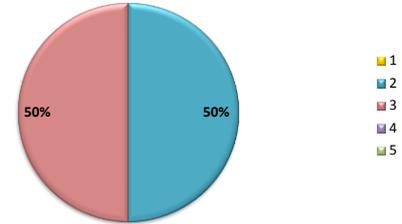


| 0707 Veterinary Sciences | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-----------|---|
| % assessed UoEs rated at or above world standard 50% | FTEs | 251 | Esteem count(s) | | | | 10 | Average National Rating 2.5 |
| | Research outputs | 1,942 | Patent(s) | | | | 9 | |
| | Research income \$ | 49,993,763 | Res. comm. income (\$) | | | | 3,701,170 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 4 | 0 | 0 | 8 | |

Research outputs by type

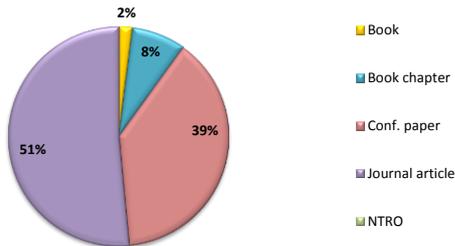


FoR rating distribution



| 0799 Other Agricultural and Veterinary Sciences | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 55 | Esteem count(s) | | | | 1 | Average National Rating n/a |
| | Research outputs | 221 | Patent(s) | | | | 0 | |
| | Research income \$ | 16,241,384 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

08 INFORMATION AND COMPUTING SCIENCES

Information and Computing Sciences comprises these four-digit codes:

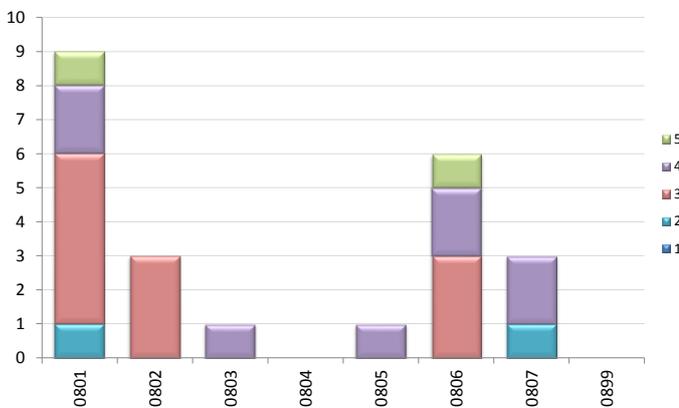
| | |
|-----------|--|
| 08 | Information and Computing Sciences |
| 0801 | Artificial Intelligence and Image Processing |
| 0802 | Computation Theory and Mathematics |
| 0803 | Computer Software |
| 0804 | Data Format |
| 0805 | Distributed Computing |
| 0806 | Information Systems |
| 0807 | Library and Information Studies |
| 0899 | Other Information and Computing Sciences |

| Mathematical, Information and Computing Sciences | | | | | | | |
|--|--------------------|-------------|---|----|------------------------|---|-------|
| 08 Information and Computing Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 91% | FTEs | 1,792 | | | Esteem count(s) | 101 | |
| | Research outputs | 24,656 | | | Patent(s) | 14 | |
| | Research income \$ | 238,748,216 | | | Res. comm. income (\$) | 14,849,644 | |
| | UoEs assessed | 23 | | | | Average National Rating 3.4 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 2 | 11 | 8 | 2 | 23 |

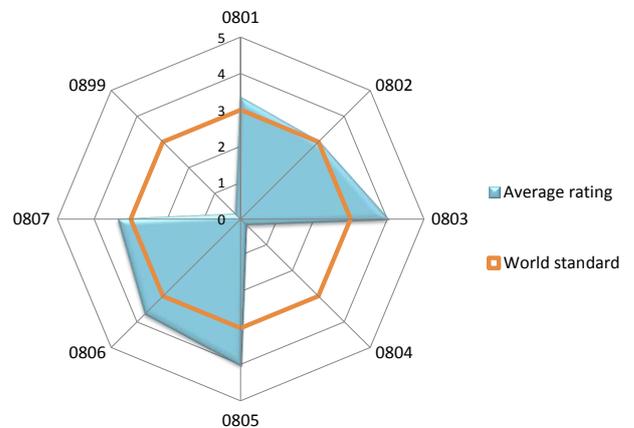
FoR overview

Information and Computing Sciences (08) accounted for approximately 7% of the national research outputs. Seventy-five (75%) of the discipline's outputs were conference papers. Research outputs increased 25% over the reference period. Information and Computing Sciences received approximately 2% of HERDC Category 1 research income for the reference period. Twenty-four (24) UoEs were assessed at the two-digit FoR code level, and 23 at the four-digit FoR code level. Ninety-one per cent (91%) of assessed UoEs in Information and Computing Sciences received a rating at or above world standard. The largest FoR codes were Information Systems (0806; 7,892 outputs) and Artificial Intelligence and Image Processing (0801; 7,409 outputs). The number of assessed UoEs for Information and Computing Sciences is low relative to the number of research outputs. This reflects the fact that the volume threshold was based on journal articles rather than conference papers.

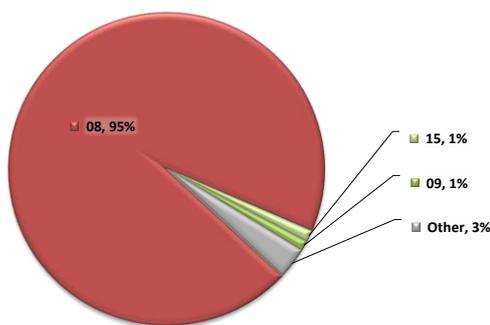
Number of UoEs per rating scale score



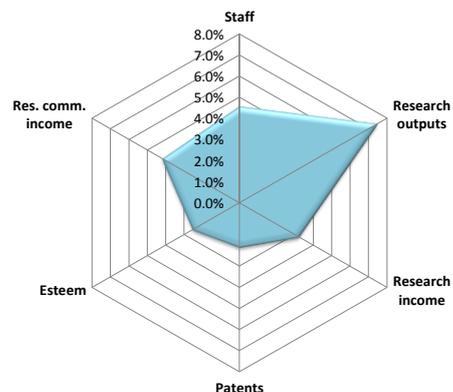
Four-digit FoR ratings



Disciplinary profile

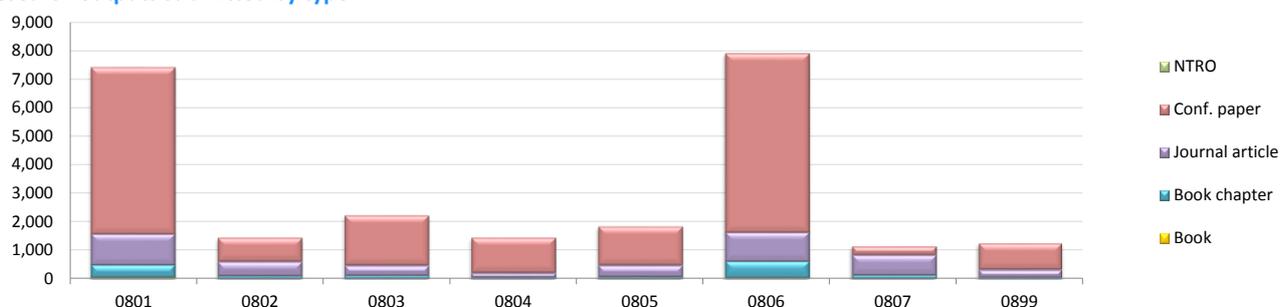


Contribution to national landscape (%)



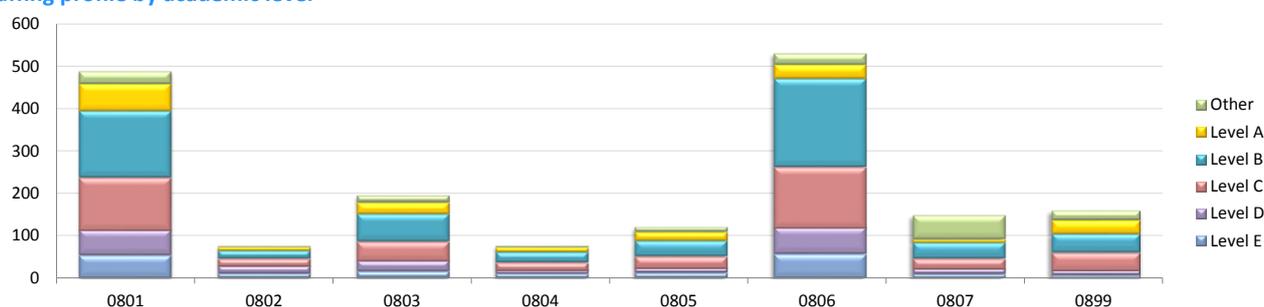
Section 2 - Results by FoR Code

Research outputs submitted by type



| FoR Code | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|---------------|----------|---------------|
| 0801 | 29 | 444 | 1,086 | 5,850 | - | 7,409 |
| 0802 | 8 | 92 | 502 | 845 | - | 1,447 |
| 0803 | 15 | 98 | 352 | 1,770 | - | 2,234 |
| 0804 | 2 | 44 | 156 | 1,240 | - | 1,442 |
| 0805 | 3 | 64 | 404 | 1,369 | - | 1,839 |
| 0806 | 20 | 574 | 1,025 | 6,273 | - | 7,892 |
| 0807 | 9 | 118 | 707 | 307 | - | 1,141 |
| 0899 | 6 | 38 | 273 | 933 | - | 1,250 |
| Total | 93 | 1,470 | 4,506 | 18,586 | 0 | 24,656 |

Staffing profile by academic level

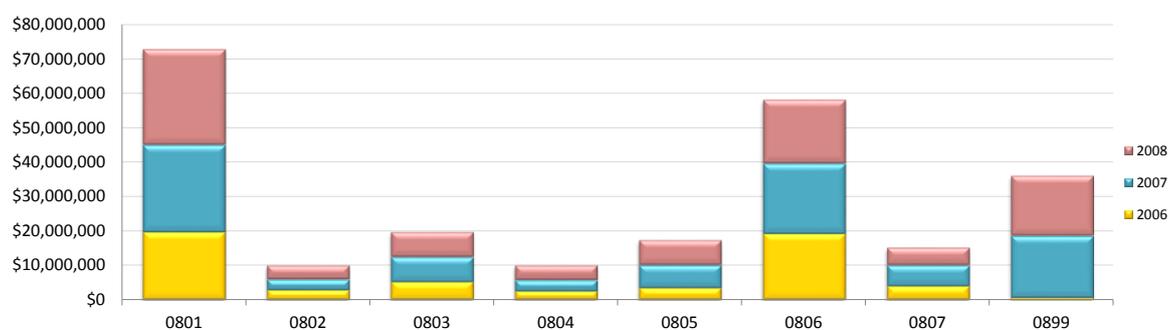


| FoR Code | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|------------|--------------|
| 0801 | 53 | 59 | 125 | 156 | 64 | 30 | 487 |
| 0802 | 11 | 18 | 19 | 19 | 8 | 2 | 76 |
| 0803 | 16 | 25 | 46 | 65 | 27 | 17 | 195 |
| 0804 | 10 | 8 | 20 | 24 | 11 | 4 | 76 |
| 0805 | 12 | 11 | 29 | 36 | 21 | 11 | 120 |
| 0806 | 56 | 61 | 144 | 208 | 34 | 27 | 530 |
| 0807 | 9 | 13 | 25 | 37 | 7 | 56 | 148 |
| 0899 | 7 | 11 | 43 | 43 | 32 | 22 | 159 |
| Total | 175 | 206 | 450 | 588 | 204 | 169 | 1,792 |

Patent profile

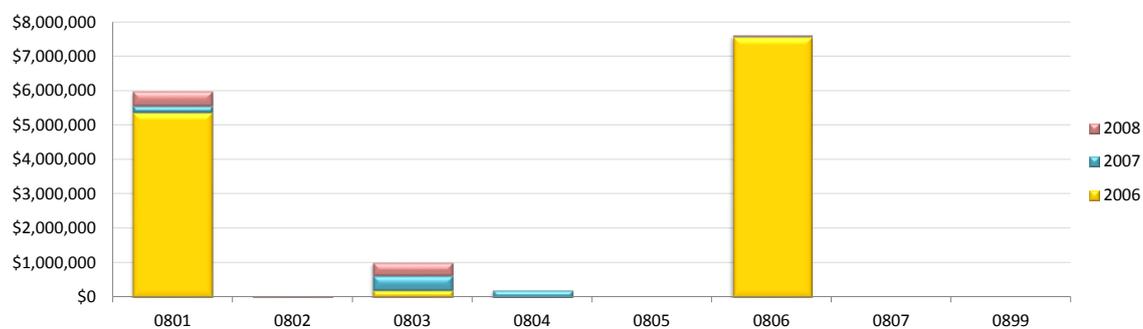
| FoR Code | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|-------------|
| 0801 | 3.7 | 0.7 | 1.0 | 0.0 | 1.0 | 0.0 | 6.4 |
| 0802 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 |
| 0803 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0804 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0805 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0806 | 1.3 | 0.5 | 0.0 | 0.0 | 1.7 | 0.0 | 3.5 |
| 0807 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0899 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 5.0 | 5.0 | 1.0 | 0.0 | 2.7 | 0.0 | 13.8 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 0801 | \$19,702,713 | \$25,264,053 | \$27,698,981 | \$72,665,746 |
| 0802 | \$2,908,000 | \$3,131,364 | \$3,961,677 | \$10,001,041 |
| 0803 | \$5,271,545 | \$7,189,768 | \$7,191,194 | \$19,652,506 |
| 0804 | \$2,559,808 | \$3,228,699 | \$4,225,918 | \$10,014,425 |
| 0805 | \$3,513,242 | \$6,610,398 | \$7,201,760 | \$17,325,400 |
| 0806 | \$19,190,170 | \$20,379,471 | \$18,431,066 | \$58,000,706 |
| 0807 | \$4,067,629 | \$6,039,028 | \$5,022,724 | \$15,129,381 |
| 0899 | \$728,696 | \$17,908,507 | \$17,321,807 | \$35,959,010 |
| Total | \$57,941,802 | \$89,751,287 | \$91,055,126 | \$238,748,216 |

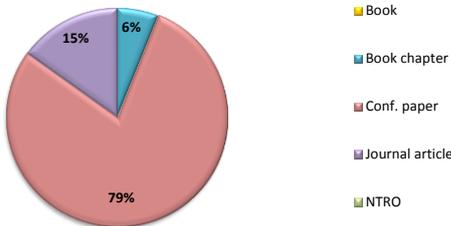
Research commercialisation income (\$)



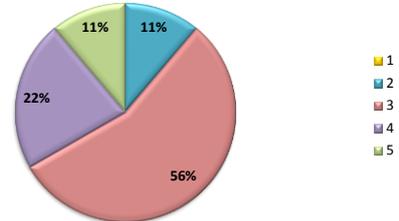
| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|------------------|------------------|---------------------|
| 0801 | \$5,357,453 | \$195,087 | \$424,970 | \$5,977,511 |
| 0802 | \$0 | \$0 | \$38,037 | \$38,037 |
| 0803 | \$209,535 | \$427,880 | \$375,405 | \$1,012,819 |
| 0804 | \$3,184 | \$212,115 | \$1,620 | \$216,919 |
| 0805 | \$0 | \$0 | \$0 | \$0 |
| 0806 | \$7,548,075 | \$20,285 | \$35,998 | \$7,604,359 |
| 0807 | \$0 | \$0 | \$0 | \$0 |
| 0899 | \$0 | \$0 | \$0 | \$0 |
| Total | \$13,118,247 | \$855,367 | \$876,030 | \$14,849,644 |

| 0801 Artificial Intelligence and Image Processing | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 89% | FTEs | 487 | Esteem count(s) | | | | 42 | Average National Rating 3.3 |
| | Research outputs | 7,409 | Patent(s) | | | | 6 | |
| | Research income \$ | 72,665,746 | Res. comm. income (\$) | | | | 5,977,511 | |
| | UoEs assessed | 9 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 5 | 2 | 1 | 9 | |

Research outputs by type

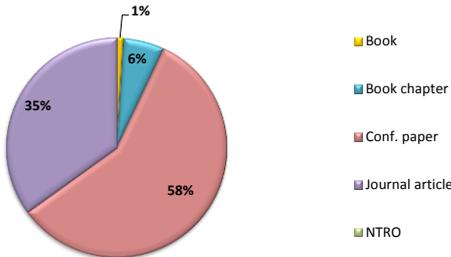


FoR rating distribution

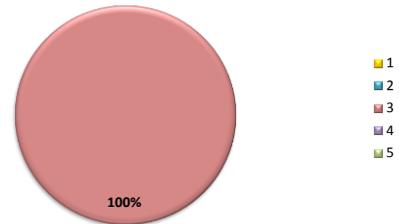


| 0802 Computation Theory and Mathematics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 76 | Esteem count(s) | | | | 7 | Average National Rating 3.0 |
| | Research outputs | 1,447 | Patent(s) | | | | 1 | |
| | Research income \$ | 10,001,041 | Res. comm. income (\$) | | | | 38,037 | |
| | UoEs assessed | 3 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 3 | 0 | 0 | 3 | |

Research outputs by type

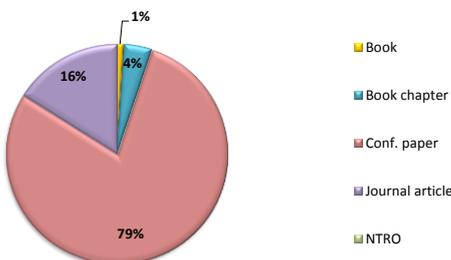


FoR rating distribution

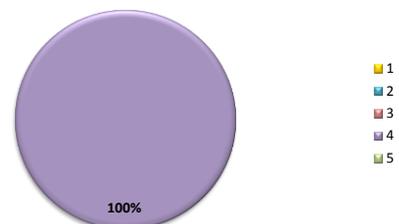


| 0803 Computer Software | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 195 | Esteem count(s) | | | | 14 | Average National Rating 4.0 |
| | Research outputs | 2,234 | Patent(s) | | | | 1 | |
| | Research income \$ | 19,652,506 | Res. comm. income (\$) | | | | 1,012,819 | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 1 | 0 | 1 | |

Research outputs by type

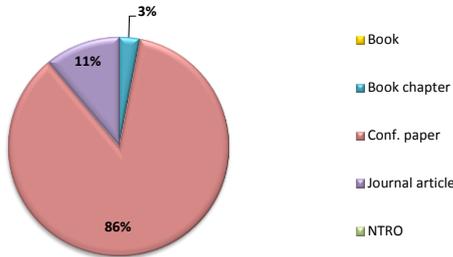


FoR rating distribution



| 0804 Data Format | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 76 | Esteem count(s) | | | | 5 | Average National Rating n/a |
| | Research outputs | 1,442 | Patent(s) | | | | 0 | |
| | Research income \$ | 10,014,425 | Res. comm. income (\$) | | | | 216,919 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type

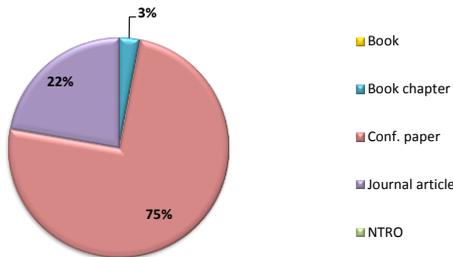


FoR rating distribution

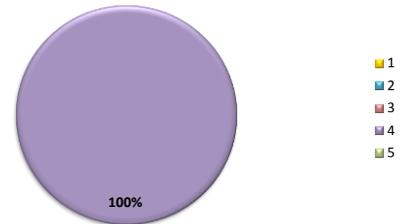
Insufficient data

| 0805 Distributed Computing | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 120 | Esteem count(s) | | | | 4 | Average National Rating 4.0 |
| | Research outputs | 1,839 | Patent(s) | | | | 1 | |
| | Research income \$ | 17,325,400 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 1 | 0 | 1 | |

Research outputs by type

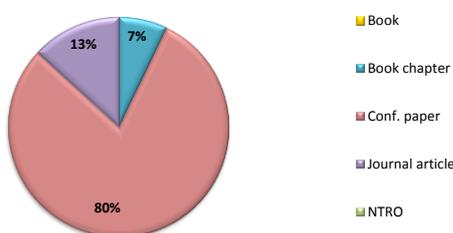


FoR rating distribution

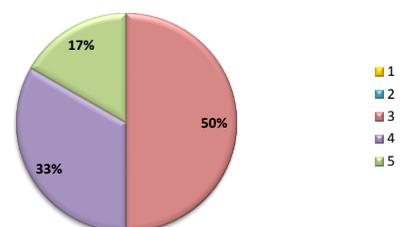


| 0806 Information Systems | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 530 | Esteem count(s) | | | | 24 | Average National Rating 3.7 |
| | Research outputs | 7,892 | Patent(s) | | | | 4 | |
| | Research income \$ | 58,000,706 | Res. comm. income (\$) | | | | 7,604,359 | |
| | UoEs assessed | 6 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 3 | 2 | 1 | 6 | |

Research outputs by type

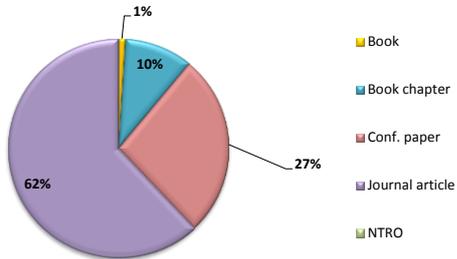


FoR rating distribution

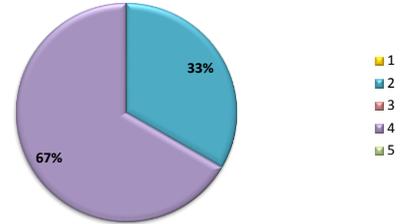


| 0807 Library and Information Studies | | | | | | | |
|--|--------------------|------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 67% | FTEs | 148 | | Esteem count(s) | | 3 | |
| | Research outputs | 1,141 | | Patent(s) | | 1 | |
| | Research income \$ | 15,129,381 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 3 | | | | Average National Rating 3.3 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 1 | 0 | 2 | 0 | 3 |

Research outputs by type

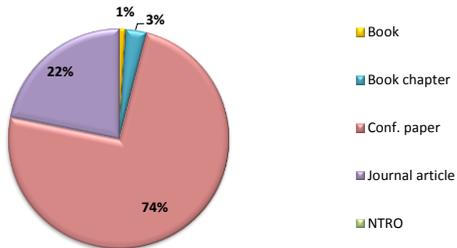


FoR rating distribution



| 0899 Other Information and Computing Sciences | | | | | | | |
|--|--------------------|------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 159 | | Esteem count(s) | | 2 | |
| | Research outputs | 1,250 | | Patent(s) | | 0 | |
| | Research income \$ | 35,959,010 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 0 | | | | Average National Rating n/a | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 |

Research outputs by type



FoR rating distribution

Insufficient data

09 ENGINEERING

Engineering comprises these four-digit codes:

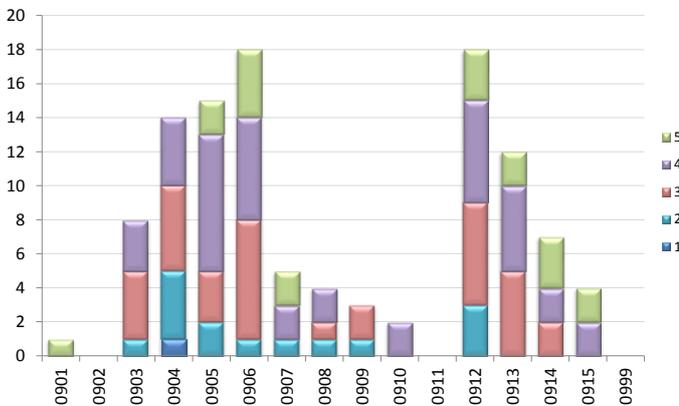
| 09 | Engineering |
|-----------|---|
| 0901 | Aerospace Engineering |
| 0902 | Automotive Engineering |
| 0903 | Biomedical Engineering |
| 0904 | Chemical Engineering |
| 0905 | Civil Engineering |
| 0906 | Electrical and Electronic Engineering |
| 0907 | Environmental Engineering |
| 0908 | Food 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 |

| Engineering and Environmental Sciences | | | | | | | |
|--|--------------------|-------------|----|----|------------------------|------------|---|
| 09 Engineering | | | | | | | |
| % assessed UoEs rated at or above world standard 86% | FTEs | 2,857 | | | Esteem count(s) | 474 | |
| | Research outputs | 37,382 | | | Patent(s) | 196 | |
| | Research income \$ | 777,961,538 | | | Res. comm. income (\$) | 21,452,848 | |
| | UoEs assessed | 111 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 1 | 14 | 35 | 42 | 19 | 111 |
| | | | | | | | Average National Rating 3.6 |

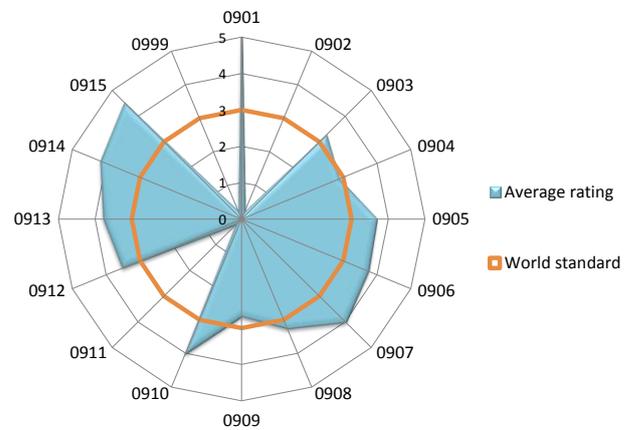
FoR overview

Engineering (09) accounted for approximately 11% of the national research outputs. The majority of these outputs were journal articles and conference papers. Research outputs increased 39% over the reference period. Engineering received approximately 9% of HERDC Category 1 research income for the reference period. Thirty-one (31) UoEs were assessed at the two-digit FoR code level, and 111 at the four-digit FoR code level. Eighty-six per cent (86%) of assessed UoEs in Engineering received a rating at or above world standard. The largest FoR codes were Electrical and Electronic Engineering (0906; 7,331 outputs), Civil Engineering (0905; 6,143 outputs), and Materials Engineering (0912; 5,190 outputs).

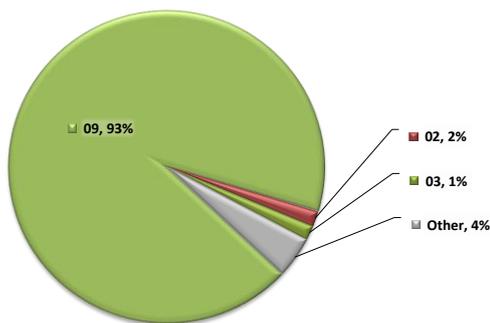
Number of UoEs per rating scale score



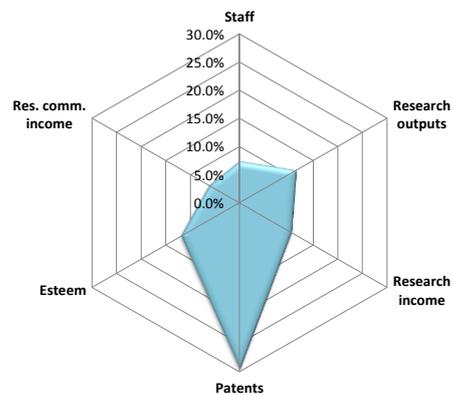
Four-digit FoR ratings



Disciplinary profile

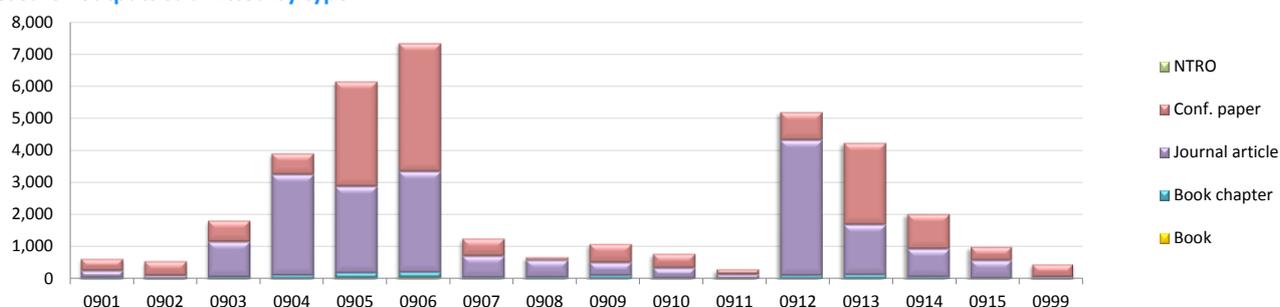


Contribution to national landscape (%)



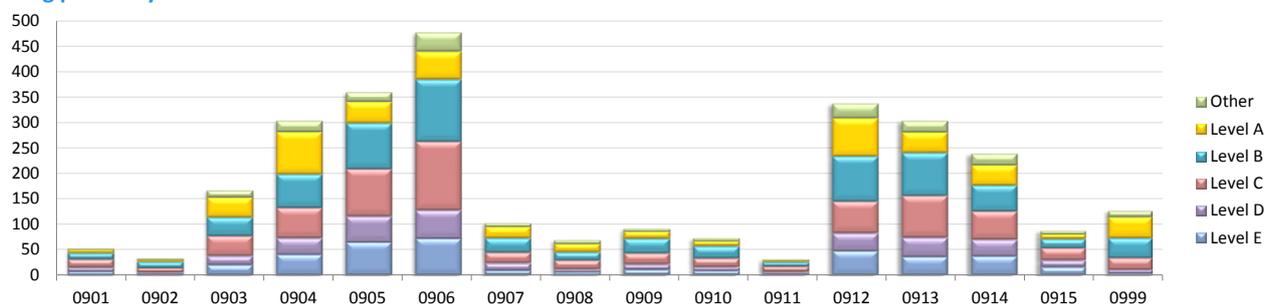
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|---------------|----------|---------------|
| 0901 | 0 | 36 | 222 | 369 | - | 626 |
| 0902 | 0 | 6 | 93 | 450 | - | 549 |
| 0903 | 1 | 56 | 1,104 | 657 | - | 1,818 |
| 0904 | 8 | 99 | 3,146 | 652 | - | 3,905 |
| 0905 | 19 | 163 | 2,699 | 3,263 | - | 6,143 |
| 0906 | 27 | 172 | 3,150 | 3,982 | - | 7,331 |
| 0907 | 4 | 36 | 677 | 536 | - | 1,254 |
| 0908 | 2 | 45 | 540 | 89 | - | 676 |
| 0909 | 6 | 95 | 408 | 580 | - | 1,090 |
| 0910 | 1 | 14 | 324 | 443 | - | 783 |
| 0911 | 1 | 2 | 132 | 164 | - | 299 |
| 0912 | 7 | 92 | 4,221 | 870 | - | 5,190 |
| 0913 | 10 | 112 | 1,570 | 2,545 | - | 4,237 |
| 0914 | 3 | 62 | 873 | 1,088 | - | 2,026 |
| 0915 | 2 | 14 | 565 | 419 | - | 1,002 |
| 0999 | 2 | 9 | 50 | 395 | - | 456 |
| Total | 93 | 1,012 | 19,776 | 16,502 | 0 | 37,382 |

Staffing profile by academic level

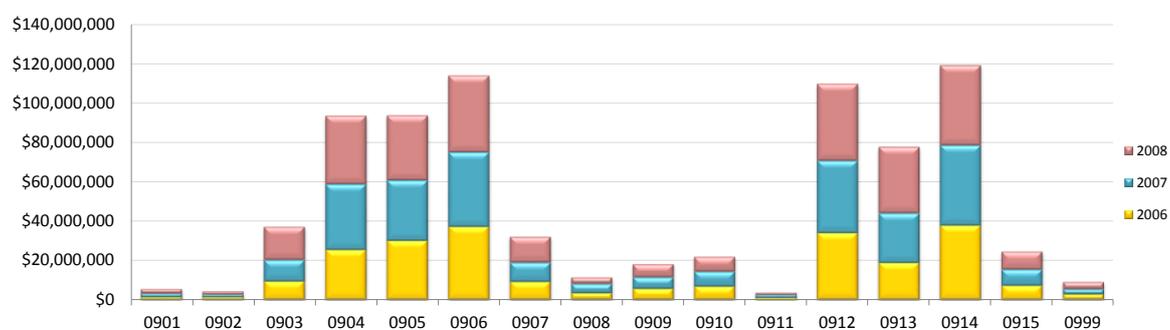


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|------------|--------------|
| 0901 | 7 | 8 | 16 | 13 | 7 | 2 | 53 |
| 0902 | 2 | 3 | 8 | 12 | 5 | 3 | 34 |
| 0903 | 20 | 17 | 39 | 37 | 40 | 14 | 168 |
| 0904 | 40 | 32 | 59 | 66 | 83 | 22 | 304 |
| 0905 | 64 | 51 | 93 | 90 | 42 | 19 | 359 |
| 0906 | 71 | 56 | 134 | 122 | 55 | 37 | 476 |
| 0907 | 10 | 14 | 21 | 28 | 23 | 7 | 103 |
| 0908 | 6 | 5 | 17 | 16 | 17 | 8 | 70 |
| 0909 | 11 | 10 | 22 | 29 | 14 | 5 | 92 |
| 0910 | 9 | 7 | 17 | 24 | 10 | 6 | 74 |
| 0911 | 2 | 4 | 11 | 8 | 3 | 4 | 32 |
| 0912 | 47 | 35 | 63 | 89 | 75 | 29 | 337 |
| 0913 | 36 | 38 | 82 | 84 | 41 | 23 | 303 |
| 0914 | 37 | 33 | 56 | 51 | 40 | 22 | 239 |
| 0915 | 16 | 13 | 24 | 18 | 10 | 7 | 88 |
| 0999 | 4 | 7 | 23 | 39 | 42 | 12 | 127 |
| Total | 383 | 335 | 686 | 727 | 508 | 219 | 2,857 |

Patent profile

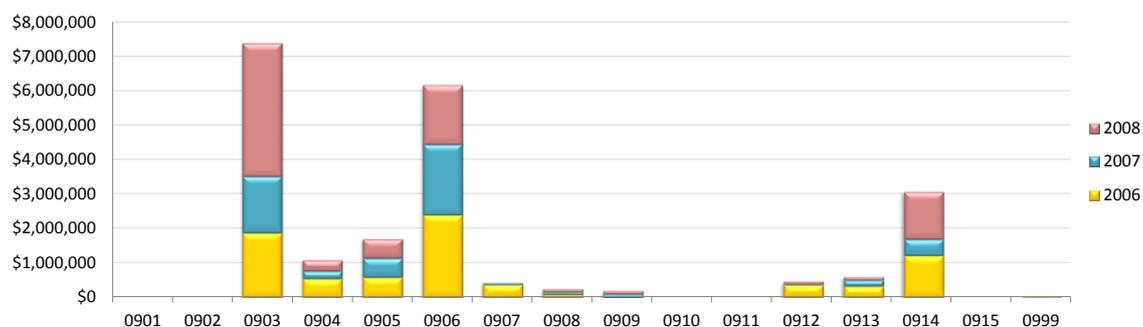
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|-------------|---------------|-------------|------------|-------------|------------|--------------|
| 0901 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0902 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0903 | 7.4 | 9.9 | 2.6 | 0.0 | 13.2 | 0.0 | 33.0 |
| 0904 | 5.0 | 4.9 | 1.3 | 0.1 | 8.3 | 0.0 | 19.6 |
| 0905 | 5.8 | 1.3 | 3.0 | 0.0 | 17.0 | 0.0 | 27.1 |
| 0906 | 10.8 | 15.6 | 1.0 | 0.0 | 19.0 | 0.0 | 46.4 |
| 0907 | 0.4 | 0.3 | 0.5 | 0.0 | 0.1 | 0.0 | 1.3 |
| 0908 | 1.2 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 2.2 |
| 0909 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0910 | 2.2 | 1.5 | 1.3 | 0.5 | 5.8 | 0.0 | 11.4 |
| 0911 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 0912 | 3.8 | 5.1 | 1.0 | 0.7 | 7.6 | 0.0 | 18.1 |
| 0913 | 8.7 | 5.5 | 2.5 | 2.0 | 8.8 | 0.0 | 27.5 |
| 0914 | 1.6 | 0.6 | 0.8 | 0.0 | 3.4 | 0.0 | 6.3 |
| 0915 | 0.0 | 0.5 | 0.5 | 0.0 | 0.5 | 0.0 | 1.5 |
| 0999 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 47.9 | 45.5 | 14.4 | 3.2 | 84.7 | 0.0 | 195.8 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|----------------------|----------------------|----------------------|----------------------|
| 0901 | \$1,658,452 | \$1,879,628 | \$2,290,730 | \$5,828,811 |
| 0902 | \$1,638,883 | \$1,498,101 | \$1,540,753 | \$4,677,737 |
| 0903 | \$9,578,353 | \$10,932,562 | \$16,684,854 | \$37,195,768 |
| 0904 | \$25,534,856 | \$33,339,793 | \$34,609,529 | \$93,484,177 |
| 0905 | \$30,189,783 | \$30,630,201 | \$32,921,952 | \$93,741,937 |
| 0906 | \$37,230,394 | \$37,778,747 | \$38,878,371 | \$113,887,512 |
| 0907 | \$9,380,889 | \$9,893,176 | \$12,967,898 | \$32,241,963 |
| 0908 | \$3,652,170 | \$4,789,057 | \$3,262,961 | \$11,704,188 |
| 0909 | \$5,892,608 | \$5,934,002 | \$6,545,634 | \$18,372,244 |
| 0910 | \$6,966,960 | \$7,712,944 | \$7,401,790 | \$22,081,694 |
| 0911 | \$1,344,872 | \$1,539,393 | \$1,106,427 | \$3,990,691 |
| 0912 | \$34,047,813 | \$36,672,547 | \$39,027,283 | \$109,747,643 |
| 0913 | \$18,993,559 | \$25,149,464 | \$33,575,748 | \$77,718,770 |
| 0914 | \$37,900,867 | \$40,568,827 | \$40,605,105 | \$119,074,799 |
| 0915 | \$7,467,892 | \$8,290,995 | \$9,005,388 | \$24,764,275 |
| 0999 | \$3,016,585 | \$2,780,890 | \$3,651,853 | \$9,449,328 |
| Total | \$234,494,935 | \$259,390,326 | \$284,076,277 | \$777,961,538 |

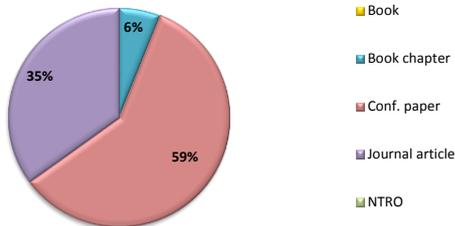
Research commercialisation income (\$)



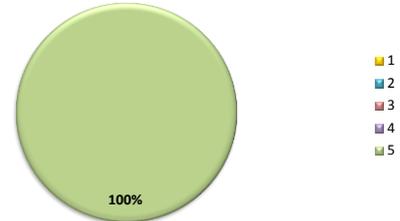
| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|--------------------|---------------------|
| 0901 | \$0 | \$0 | \$0 | \$0 |
| 0902 | \$0 | \$0 | \$0 | \$0 |
| 0903 | \$1,867,281 | \$1,648,394 | \$3,863,240 | \$7,378,915 |
| 0904 | \$546,276 | \$231,124 | \$320,685 | \$1,098,085 |
| 0905 | \$585,480 | \$561,249 | \$568,386 | \$1,715,115 |
| 0906 | \$2,385,476 | \$2,049,893 | \$1,732,211 | \$6,167,580 |
| 0907 | \$371,591 | \$51,366 | \$5,710 | \$428,667 |
| 0908 | \$83,849 | \$78,162 | \$91,455 | \$253,466 |
| 0909 | \$0 | \$103,000 | \$102,000 | \$205,000 |
| 0910 | \$0 | \$1,910 | \$2,664 | \$4,574 |
| 0911 | \$0 | \$0 | \$0 | \$0 |
| 0912 | \$367,629 | \$26,397 | \$82,809 | \$476,835 |
| 0913 | \$328,177 | \$179,928 | \$96,954 | \$605,060 |
| 0914 | \$1,215,465 | \$484,314 | \$1,386,643 | \$3,086,423 |
| 0915 | \$0 | \$0 | \$0 | \$0 |
| 0999 | \$11,157 | \$13,963 | \$8,009 | \$33,129 |
| Total | \$7,762,382 | \$5,429,700 | \$8,260,766 | \$21,452,848 |

| 0901 Aerospace Engineering | | | | | | | | |
|---|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 53 | Esteem count(s) | | | | 1 | Average National Rating 5.0 |
| | Research outputs | 626 | Patent(s) | | | | 0 | |
| | Research income \$ | 5,828,811 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 1 | 1 | |

Research outputs by type

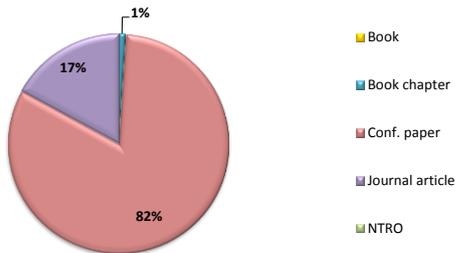


FoR rating distribution



| 0902 Automotive Engineering | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 34 | Esteem count(s) | | | | 4 | Average National Rating n/a |
| | Research outputs | 549 | Patent(s) | | | | 0 | |
| | Research income \$ | 4,677,737 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type

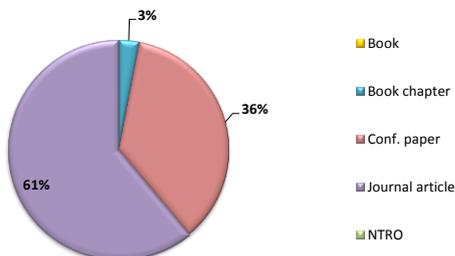


FoR rating distribution

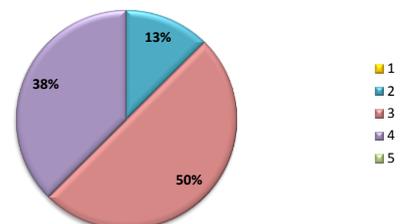
Insufficient data

| 0903 Biomedical Engineering | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 88% | FTEs | 168 | Esteem count(s) | | | | 22 | Average National Rating 3.3 |
| | Research outputs | 1,818 | Patent(s) | | | | 33 | |
| | Research income \$ | 37,195,768 | Res. comm. income (\$) | | | | 7,378,915 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 4 | 3 | 0 | 8 | |

Research outputs by type

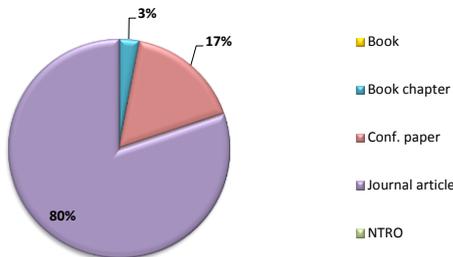


FoR rating distribution

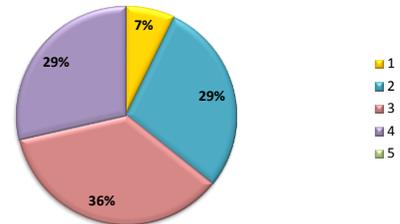


| 0904 Chemical Engineering | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 64% | FTEs | 304 | Esteem count(s) | | | | 84 | Average National Rating 2.9 |
| | Research outputs | 3,905 | Patent(s) | | | | 20 | |
| | Research income \$ | 93,484,177 | Res. comm. income (\$) | | | | 1,098,085 | |
| | UoEs assessed | 14 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 4 | 5 | 4 | 0 | 14 | |

Research outputs by type

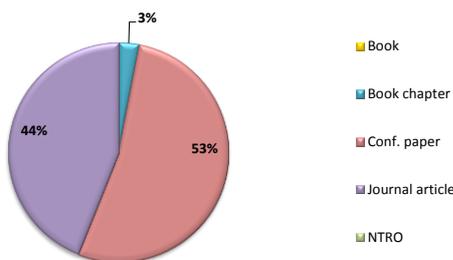


FoR rating distribution

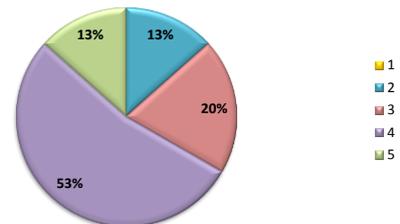


| 0905 Civil Engineering | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 87% | FTEs | 359 | Esteem count(s) | | | | 52 | Average National Rating 3.7 |
| | Research outputs | 6,143 | Patent(s) | | | | 27 | |
| | Research income \$ | 93,741,937 | Res. comm. income (\$) | | | | 1,715,115 | |
| | UoEs assessed | 15 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 2 | 3 | 8 | 2 | 15 | |

Research outputs by type

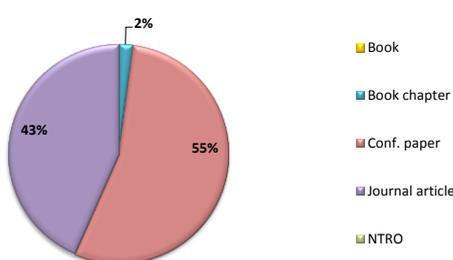


FoR rating distribution

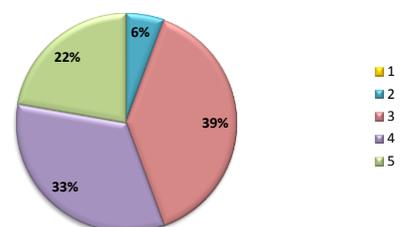


| 0906 Electrical and Electronic Engineering | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 94% | FTEs | 476 | Esteem count(s) | | | | 69 | Average National Rating 3.7 |
| | Research outputs | 7,331 | Patent(s) | | | | 46 | |
| | Research income \$ | 113,887,512 | Res. comm. income (\$) | | | | 6,167,580 | |
| | UoEs assessed | 18 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 7 | 6 | 4 | 18 | |

Research outputs by type

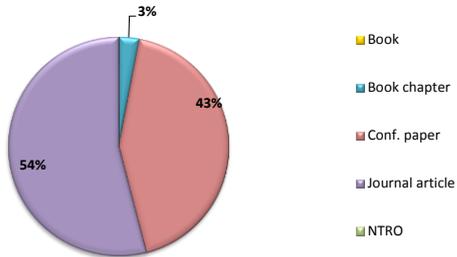


FoR rating distribution

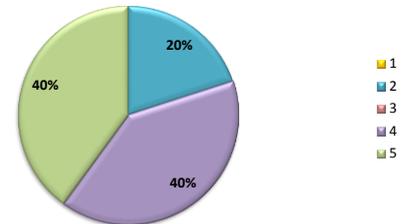


| 0907 Environmental Engineering | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 80% | FTEs | 103 | Esteem count(s) | | | | 28 | Average National Rating 4.0 |
| | Research outputs | 1,254 | Patent(s) | | | | 1 | |
| | Research income \$ | 32,241,963 | Res. comm. income (\$) | | | | 428,667 | |
| | UoEs assessed | 5 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 0 | 2 | 2 | 5 | |

Research outputs by type

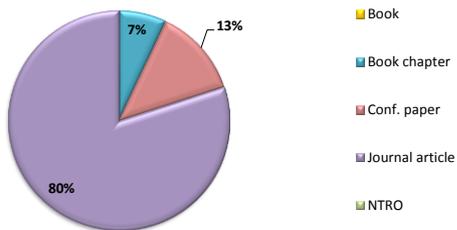


FoR rating distribution

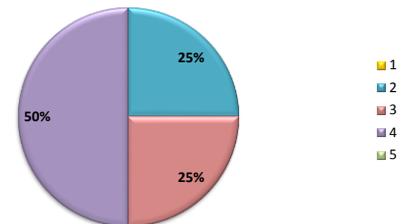


| 0908 Food Sciences | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 75% | FTEs | 70 | Esteem count(s) | | | | 5 | Average National Rating 3.3 |
| | Research outputs | 676 | Patent(s) | | | | 2 | |
| | Research income \$ | 11,704,188 | Res. comm. income (\$) | | | | 253,466 | |
| | UoEs assessed | 4 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 1 | 2 | 0 | 4 | |

Research outputs by type

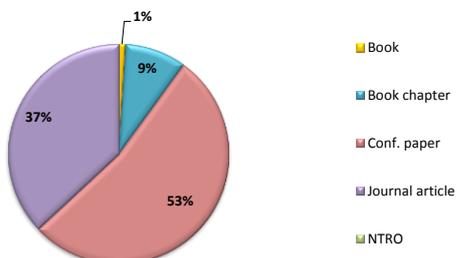


FoR rating distribution

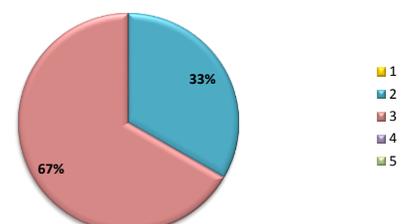


| 0909 Geomatic Engineering | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 67% | FTEs | 92 | Esteem count(s) | | | | 19 | Average National Rating 2.7 |
| | Research outputs | 1,090 | Patent(s) | | | | 1 | |
| | Research income \$ | 18,372,244 | Res. comm. income (\$) | | | | 205,000 | |
| | UoEs assessed | 3 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 2 | 0 | 0 | 3 | |

Research outputs by type

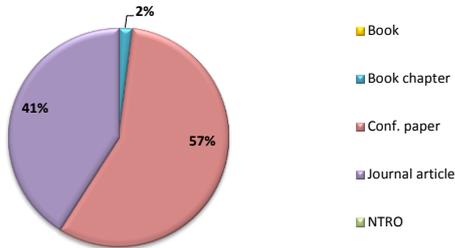


FoR rating distribution

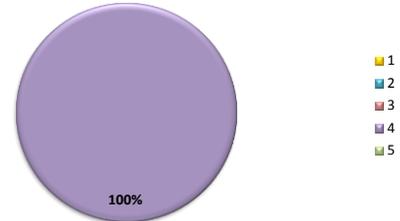


| 0910 Manufacturing Engineering | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 74 | Esteem count(s) | | | | 12 | Average National Rating 4.0 |
| | Research outputs | 783 | Patent(s) | | | | 11 | |
| | Research income \$ | 22,081,694 | Res. comm. income (\$) | | | | 4,574 | |
| | UoEs assessed | 2 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 2 | 0 | 2 | |

Research outputs by type

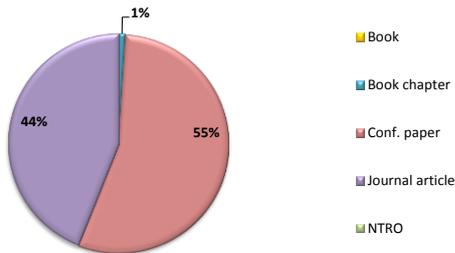


FoR rating distribution



| 0911 Maritime Engineering | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 32 | Esteem count(s) | | | | 4 | Average National Rating n/a |
| | Research outputs | 299 | Patent(s) | | | | 0 | |
| | Research income \$ | 3,990,691 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type

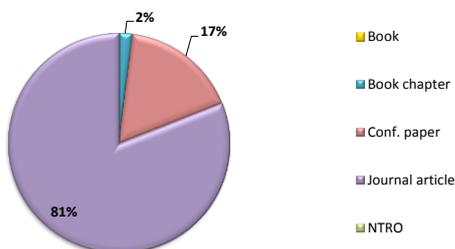


FoR rating distribution

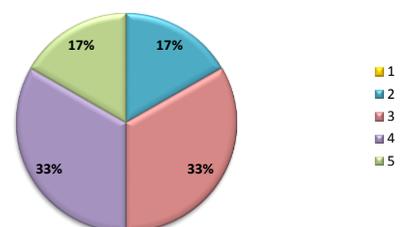
Insufficient data

| 0912 Materials Engineering | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 83% | FTEs | 337 | Esteem count(s) | | | | 73 | Average National Rating 3.5 |
| | Research outputs | 5,190 | Patent(s) | | | | 18 | |
| | Research income \$ | 109,747,643 | Res. comm. income (\$) | | | | 476,835 | |
| | UoEs assessed | 18 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 3 | 6 | 6 | 3 | 18 | |

Research outputs by type

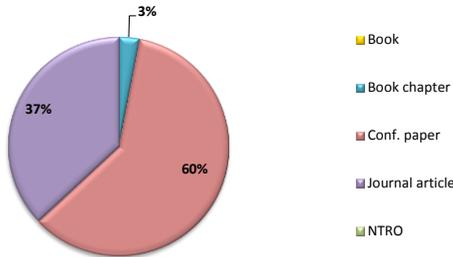


FoR rating distribution

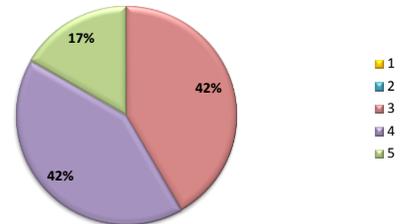


| 0913 Mechanical Engineering | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 303 | Esteem count(s) | | | | 44 | Average National Rating 3.8 |
| | Research outputs | 4,237 | Patent(s) | | | | 27 | |
| | Research income \$ | 77,718,770 | Res. comm. income (\$) | | | | 605,060 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 5 | 5 | 2 | 12 | |

Research outputs by type

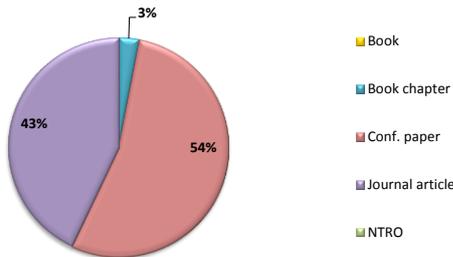


FoR rating distribution

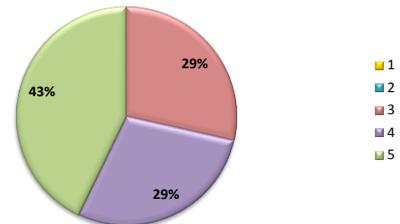


| 0914 Resources Engineering and Extractive Metallurgy | | | | | | | | |
|---|--------------------|-------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 239 | Esteem count(s) | | | | 41 | Average National Rating 4.1 |
| | Research outputs | 2,026 | Patent(s) | | | | 6 | |
| | Research income \$ | 119,074,799 | Res. comm. income (\$) | | | | 3,086,423 | |
| | UoEs assessed | 7 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 2 | 2 | 3 | 7 | |

Research outputs by type

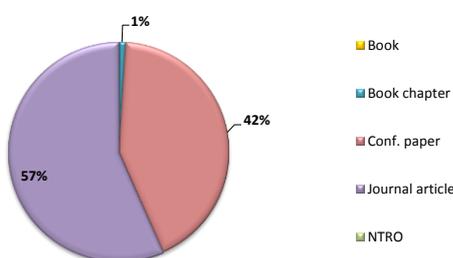


FoR rating distribution

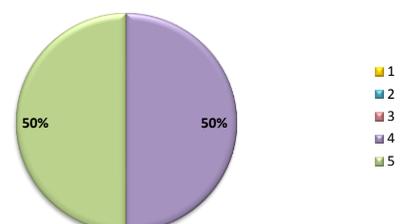


| 0915 Interdisciplinary Engineering | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 88 | Esteem count(s) | | | | 13 | Average National Rating 4.5 |
| | Research outputs | 1,002 | Patent(s) | | | | 2 | |
| | Research income \$ | 24,764,275 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 4 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 2 | 2 | 4 | |

Research outputs by type

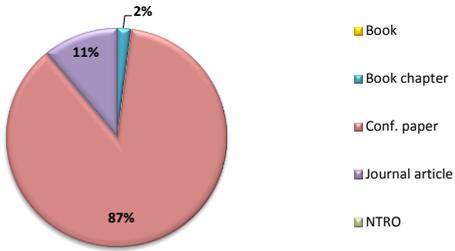


FoR rating distribution



| 0999 Other Engineering | | | | | | | | |
|--|--------------------|-----------|---|------------------------|---|--------|-------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 127 | | Esteem count(s) | | 3 | | Average National Rating n/a |
| | Research outputs | 456 | | Patent(s) | | 0 | | |
| | Research income \$ | 9,449,328 | | Res. comm. income (\$) | | 33,129 | | |
| | UoEs assessed | 0 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

10(BB) TECHNOLOGY

10(BB) Technology comprises these four-digit codes:

10(BB) Technology

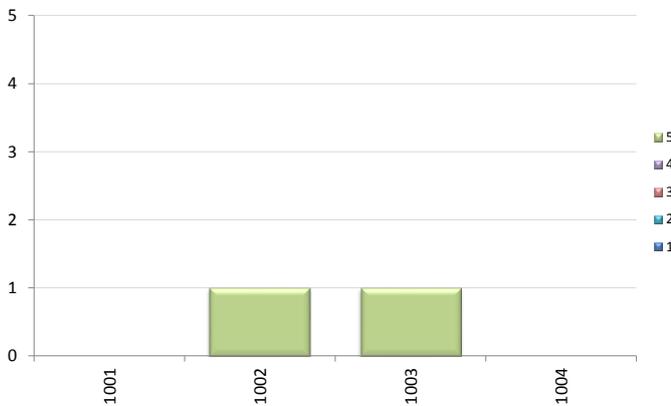
- 1001 Agricultural Biotechnology
- 1002 Environmental Biotechnology
- 1003 Industrial Biotechnology
- 1004 Medical Biotechnology

| Biological Sciences and Biotechnology | | | | | | | | |
|---|--------------------|------------|---|---|------------------------|---|-----------|---|
| 10 Technology | | | | | | | | |
| % assessed UoEs rated at or above world standard 100% | FTEs | 182 | | | Esteem count(s) | | 16 | Average National Rating 5.0 |
| | Research outputs | 621 | | | Patent(s) | | 14 | |
| | Research income \$ | 33,733,511 | | | Res. comm. income (\$) | | 4,373,498 | |
| | UoEs assessed | 2 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 2 | 2 | |

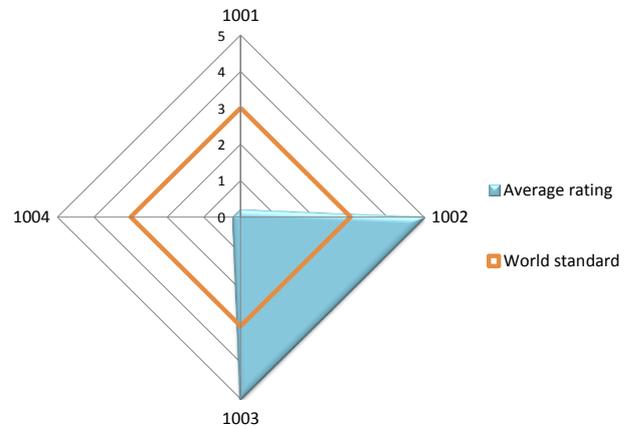
FoR overview

The majority of the outputs in Technology (10) in BB were journal articles. Research outputs increased 56% over the reference period. The disciplinary profile shows that Technology (BB) shared a significant proportion of research outputs with Biological Sciences (06), Agricultural and Veterinary Sciences (07), and Engineering (09). One (1) UoE was assessed at the two-digit FoR code level, and two (2) at the four-digit FoR code level. One hundred per cent (100%) of assessed UoEs in Technology (10) in BB received a rating at or above world standard.

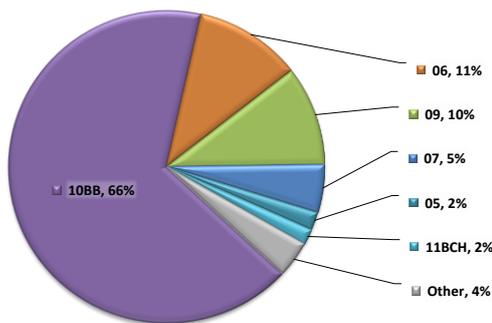
Number of UoEs per rating scale score



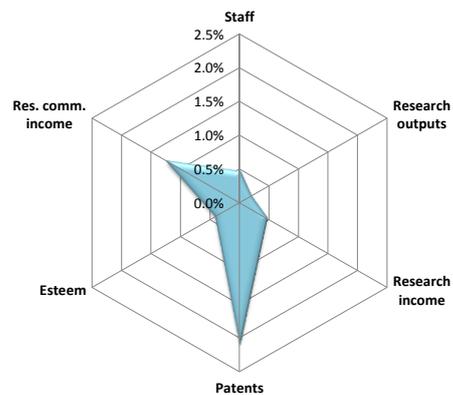
Four-digit FoR ratings



Disciplinary profile

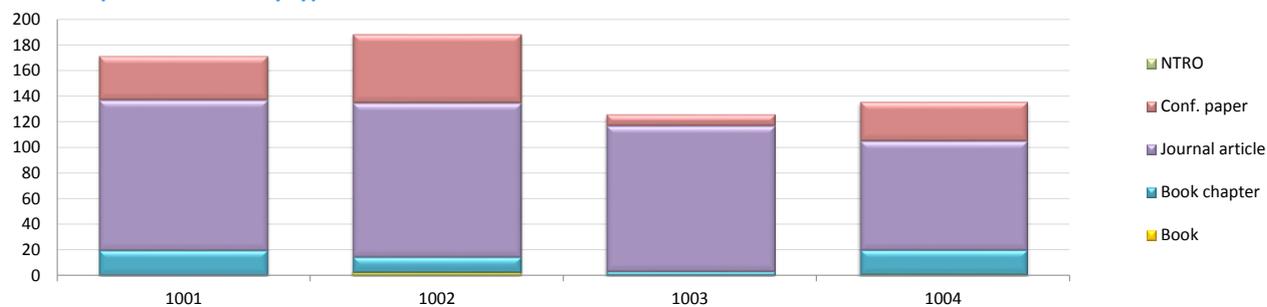


Contribution to national landscape (%)



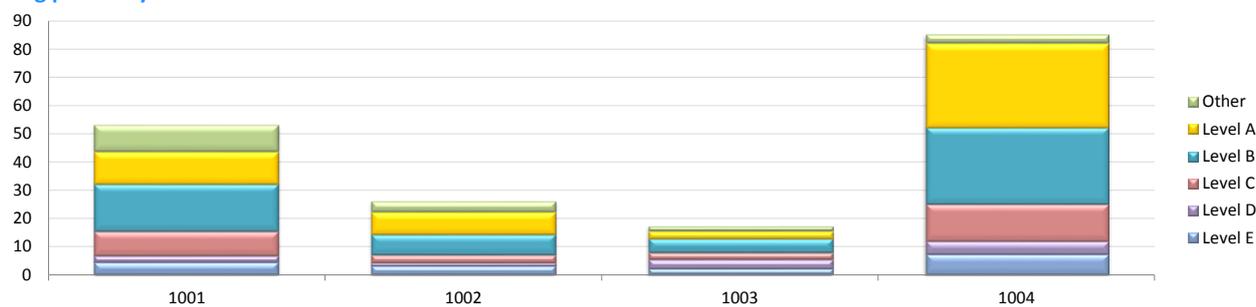
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|----------|--------------|-----------------|-------------|----------|------------|
| 1001 | 0 | 20 | 117 | 34 | - | 171 |
| 1002 | 2 | 12 | 120 | 53 | - | 188 |
| 1003 | 0 | 3 | 114 | 9 | - | 126 |
| 1004 | 1 | 20 | 85 | 30 | - | 136 |
| Total | 3 | 55 | 436 | 127 | 0 | 621 |

Staffing profile by academic level

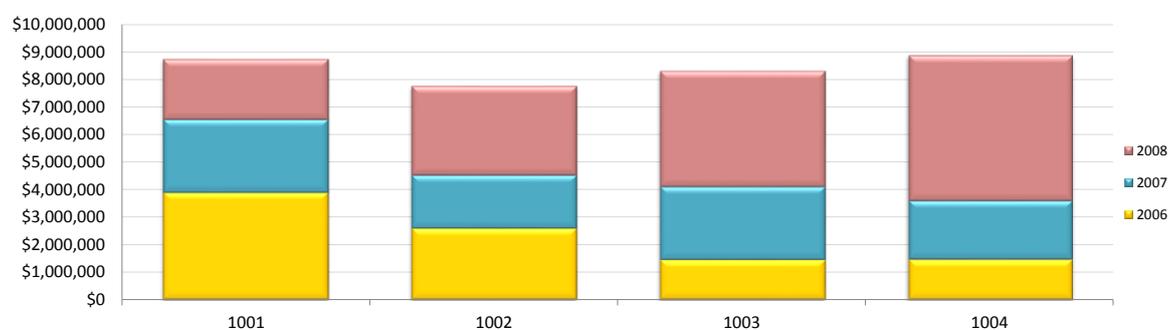


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 1001 | 4 | 2 | 9 | 17 | 12 | 9 | 53 |
| 1002 | 3 | 1 | 3 | 7 | 8 | 4 | 26 |
| 1003 | 2 | 3 | 2 | 5 | 3 | 2 | 17 |
| 1004 | 7 | 5 | 13 | 27 | 30 | 3 | 85 |
| Total | 17 | 12 | 27 | 56 | 52 | 18 | 182 |

Patent profile

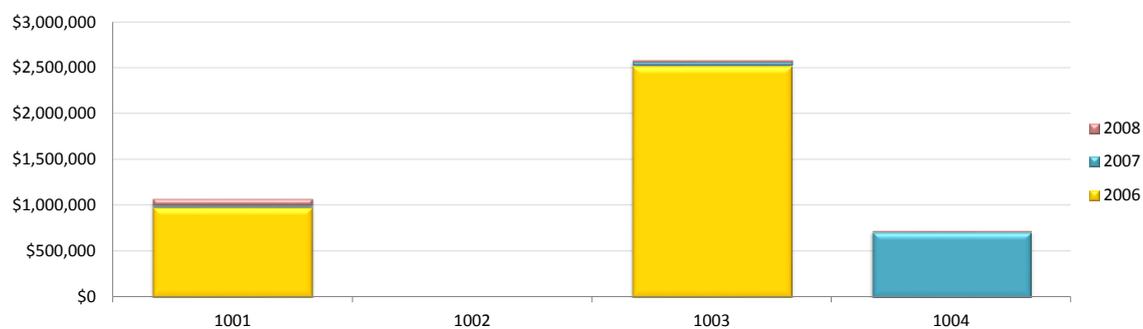
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|-------------|
| 1001 | 1.9 | 1.8 | 0.5 | 0.0 | 0.3 | 0.0 | 4.6 |
| 1002 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 1003 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1004 | 0.3 | 4.3 | 1.9 | 0.0 | 2.3 | 0.0 | 8.8 |
| Total | 2.5 | 6.2 | 2.4 | 0.0 | 2.6 | 0.0 | 13.8 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|---------------------|---------------------|
| 1001 | \$3,882,311 | \$2,672,616 | \$2,190,069 | \$8,744,996 |
| 1002 | \$2,588,479 | \$1,954,653 | \$3,233,428 | \$7,776,561 |
| 1003 | \$1,450,037 | \$2,675,424 | \$4,198,299 | \$8,323,761 |
| 1004 | \$1,457,364 | \$2,158,175 | \$5,272,654 | \$8,888,193 |
| Total | \$9,378,191 | \$9,460,869 | \$14,894,451 | \$33,733,511 |

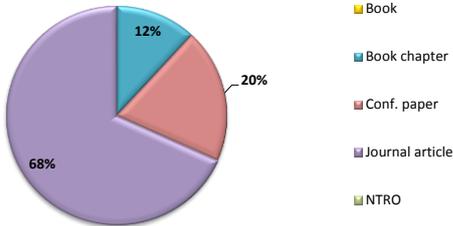
Research commercialisation income (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|------------------|------------------|--------------------|
| 1001 | \$985,895 | \$13,424 | \$73,789 | \$1,073,107 |
| 1002 | \$0 | \$0 | \$0 | \$0 |
| 1003 | \$2,516,037 | \$36,337 | \$23,080 | \$2,575,454 |
| 1004 | \$0 | \$713,514 | \$11,423 | \$724,937 |
| Total | \$3,501,932 | \$763,275 | \$108,292 | \$4,373,498 |

| 1001 Agricultural Biotechnology | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 53 | Esteem count(s) | | | | 4 | Average National Rating n/a |
| | Research outputs | 171 | Patent(s) | | | | 5 | |
| | Research income \$ | 8,744,996 | Res. comm. income (\$) | | | | 1,073,107 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type

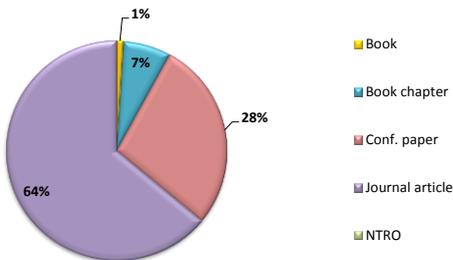


FoR rating distribution

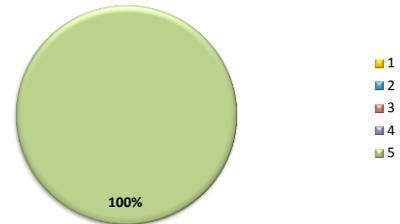
Insufficient data

| 1002 Environmental Biotechnology | | | | | | | | |
|---|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 26 | Esteem count(s) | | | | 5 | Average National Rating 5.0 |
| | Research outputs | 188 | Patent(s) | | | | 0 | |
| | Research income \$ | 7,776,561 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 1 | 1 | |

Research outputs by type

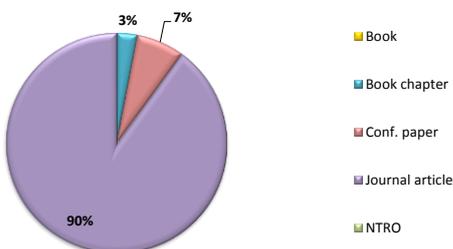


FoR rating distribution

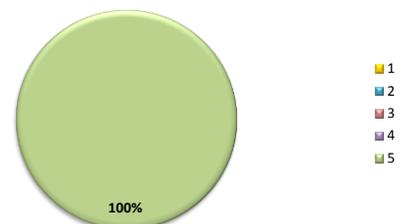


| 1003 Industrial Biotechnology | | | | | | | | |
|---|--------------------|-----------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 17 | Esteem count(s) | | | | 6 | Average National Rating 5.0 |
| | Research outputs | 126 | Patent(s) | | | | 0 | |
| | Research income \$ | 8,323,761 | Res. comm. income (\$) | | | | 2,575,454 | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 1 | 1 | |

Research outputs by type

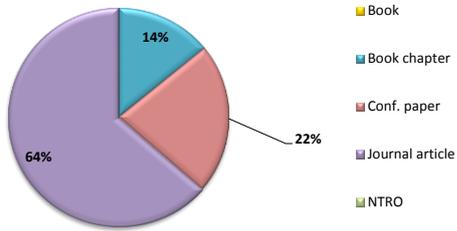


FoR rating distribution



| 1004 Medical Biotechnology | | | | | | | |
|--|--------------------|-----------|---|------------------------|---|---------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 85 | | Esteem count(s) | | 2 | |
| | Research outputs | 136 | | Patent(s) | | 9 | |
| | Research income \$ | 8,888,193 | | Res. comm. income (\$) | | 724,937 | |
| | UoEs assessed | 0 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | Average National Rating n/a |

Research outputs by type



FoR rating distribution

Insufficient data

10(MIC) TECHNOLOGY

10(MIC) Technology comprises these four-digit codes:

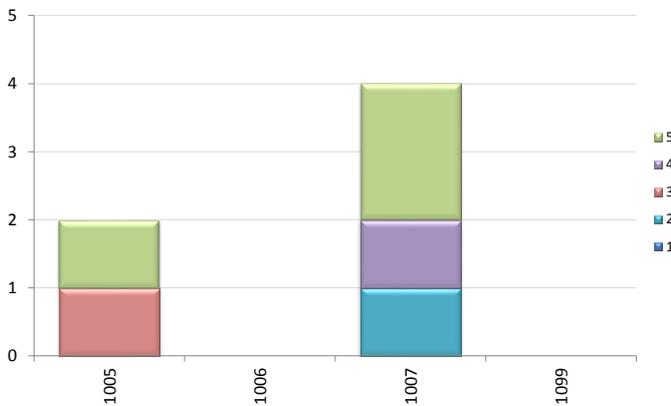
| 10(MIC) | Technology |
|----------------|-----------------------------|
| 1005 | Communications Technologies |
| 1006 | Computer Hardware |
| 1007 | Nanotechnology |
| 1099 | Other Technology |

| Mathematical, Information and Computing Sciences | | | | | | | |
|--|--------------------|------------|---|---|------------------------|---|-------|
| 10 Technology | | | | | | | |
| % assessed UoEs rated at or above world standard 83% | FTEs | 316 | | | Esteem count(s) | 51 | |
| | Research outputs | 4,318 | | | Patent(s) | 20 | |
| | Research income \$ | 74,819,298 | | | Res. comm. income (\$) | 20,026 | |
| | UoEs assessed | 6 | | | | Average National Rating 4.0 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 1 | 1 | 1 | 3 | 6 |

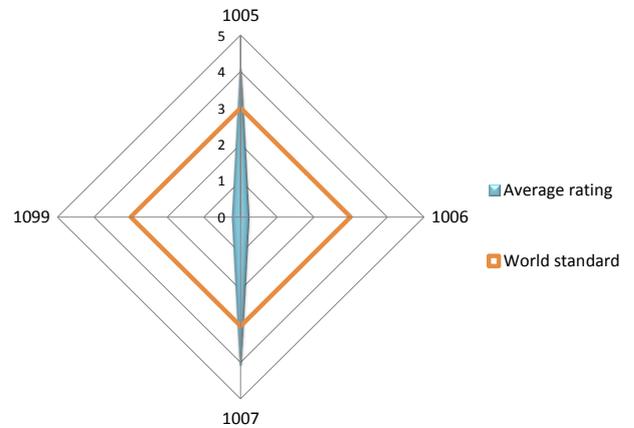
FoR overview

Technology (10) in MIC accounted for approximately 1% of the national research outputs. The majority of these outputs were conference papers. Research outputs increased 46% over the reference period. The disciplinary profile shows that Technology (MIC) shared a significant proportion of research outputs with Engineering (09). Technology (MIC) received approximately 1% of HERDC Category 1 research income for the reference period. Six (6) UoEs were assessed at both the two-digit and four-digit FoR code levels. Eighty-three per cent (83%) of assessed UoEs in Technology (MIC) received a rating at or above world standard. The largest FoR code was Communications Technologies (1005; 2,638). The number of assessed UoEs for Technology in MIC is low relative to the number of research outputs. This reflects the fact that the volume threshold was based on journal articles rather than conference papers.

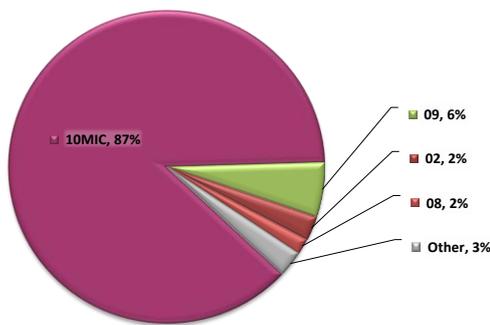
Number of UoEs per rating scale score



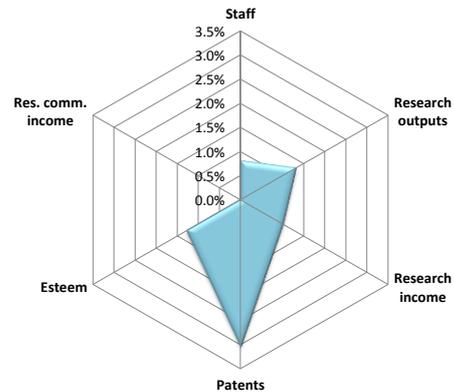
Four-digit FoR ratings



Disciplinary profile

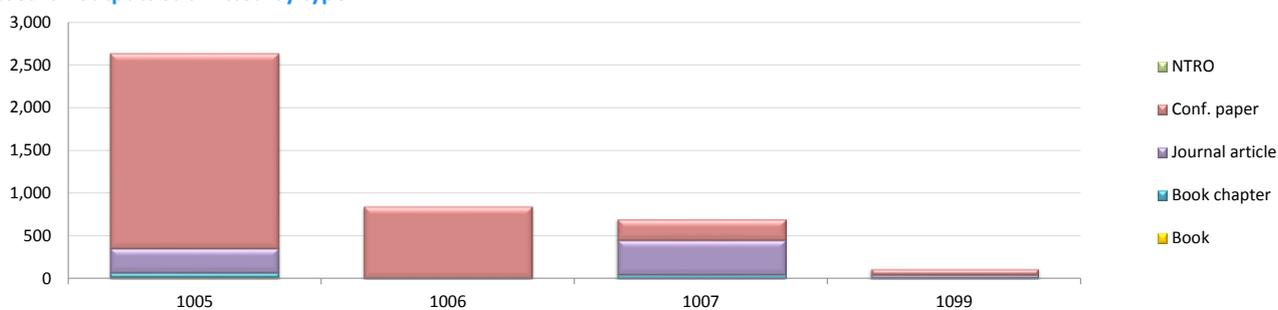


Contribution to national landscape (%)



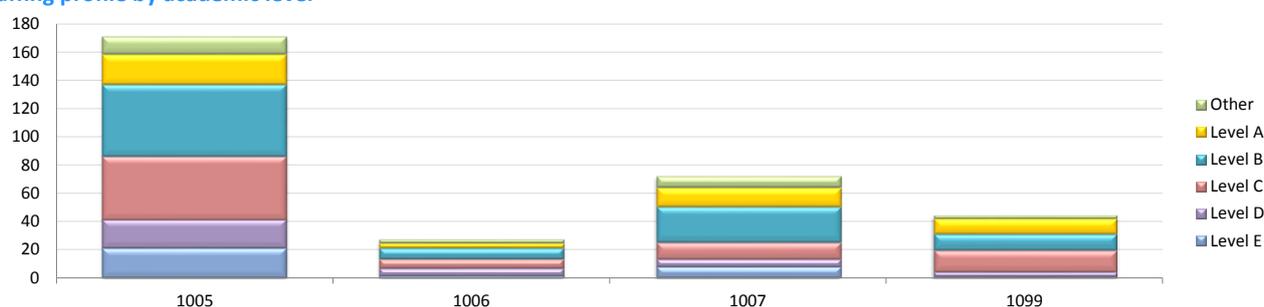
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|--------------|----------|--------------|
| 1005 | 7 | 55 | 291 | 2,285 | - | 2,638 |
| 1006 | 1 | 3 | 2 | 850 | - | 856 |
| 1007 | 3 | 36 | 412 | 253 | - | 704 |
| 1099 | 0 | 7 | 38 | 75 | - | 120 |
| Total | 11 | 100 | 743 | 3,464 | 0 | 4,318 |

Staffing profile by academic level

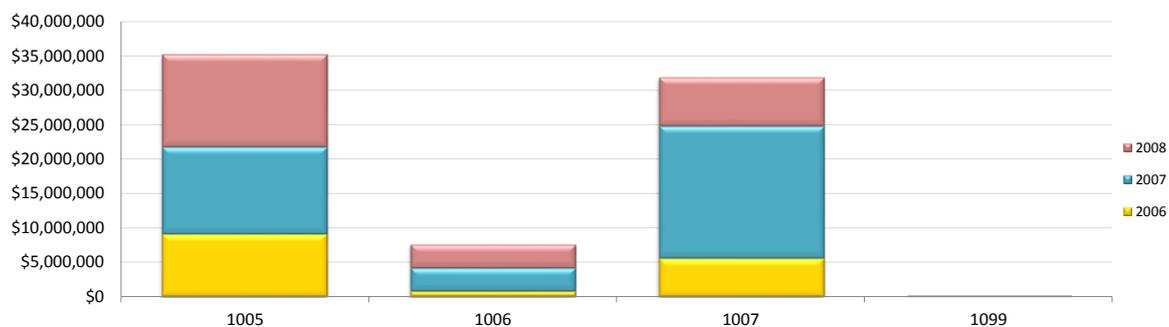


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 1005 | 21 | 20 | 45 | 51 | 21 | 13 | 171 |
| 1006 | 2 | 5 | 6 | 8 | 3 | 3 | 28 |
| 1007 | 8 | 6 | 12 | 25 | 14 | 8 | 72 |
| 1099 | 1 | 4 | 15 | 11 | 11 | 2 | 45 |
| Total | 32 | 35 | 78 | 95 | 49 | 26 | 316 |

Patent profile

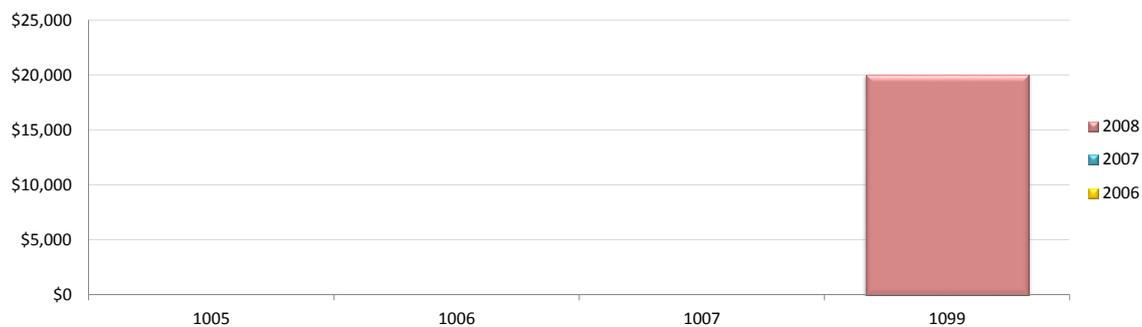
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|-------------|
| 1005 | 3.5 | 4.5 | 3.0 | 0.0 | 1.0 | 0.0 | 12.0 |
| 1006 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| 1007 | 2.2 | 2.5 | 0.4 | 0.5 | 2.1 | 0.0 | 7.7 |
| 1099 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 5.9 | 7.2 | 3.4 | 0.5 | 3.1 | 0.0 | 20.2 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|---------------------|
| 1005 | \$9,041,538 | \$12,708,222 | \$13,383,186 | \$35,132,946 |
| 1006 | \$776,443 | \$3,416,452 | \$3,467,028 | \$7,659,923 |
| 1007 | \$5,553,802 | \$19,211,218 | \$7,033,399 | \$31,798,419 |
| 1099 | \$139,374 | \$58,228 | \$30,409 | \$228,011 |
| Total | \$15,511,156 | \$35,394,119 | \$23,914,022 | \$74,819,298 |

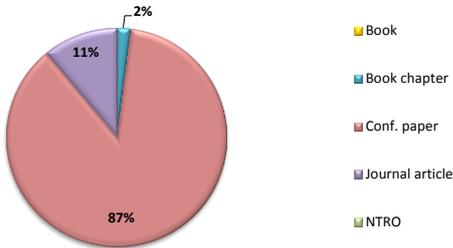
Research commercialisation income (\$)



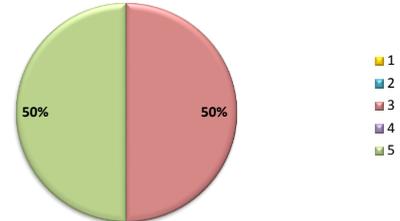
| | 2006 | 2007 | 2008 | Total |
|--------------|------------|------------|-----------------|-----------------|
| 1005 | \$0 | \$0 | \$0 | \$0 |
| 1006 | \$0 | \$0 | \$0 | \$0 |
| 1007 | \$0 | \$0 | \$0 | \$0 |
| 1099 | \$0 | \$0 | \$20,026 | \$20,026 |
| Total | \$0 | \$0 | \$20,026 | \$20,026 |

| 1005 Communications Technologies | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 171 | Esteem count(s) | | | | 28 | Average National Rating 4.0 |
| | Research outputs | 2,638 | Patent(s) | | | | 12 | |
| | Research income \$ | 35,132,946 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 2 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 1 | 0 | 1 | 2 | |

Research outputs by type

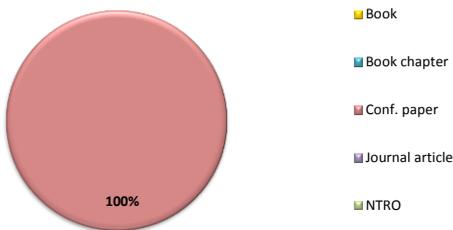


FoR rating distribution



| 1006 Computer Hardware | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 28 | Esteem count(s) | | | | 1 | Average National Rating n/a |
| | Research outputs | 856 | Patent(s) | | | | 1 | |
| | Research income \$ | 7,659,923 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type

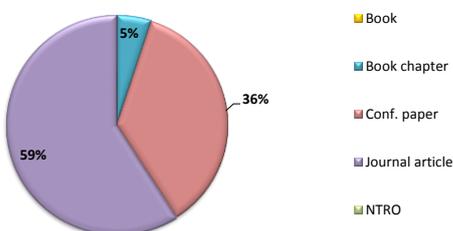


FoR rating distribution

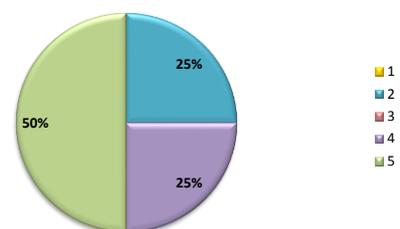
Insufficient data

| 1007 Nanotechnology | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 75% | FTEs | 72 | Esteem count(s) | | | | 23 | Average National Rating 4.0 |
| | Research outputs | 704 | Patent(s) | | | | 8 | |
| | Research income \$ | 31,798,419 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 4 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 0 | 1 | 2 | 4 | |

Research outputs by type

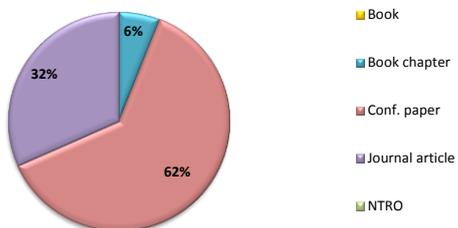


FoR rating distribution



| 1099 Other Technology | | | | | | | | |
|--|--------------------|---------|---|---|---|------------------------|--------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 45 | | | | Esteem count(s) | 0 | Average National Rating n/a |
| | Research outputs | 120 | | | | Patent(s) | 0 | |
| | Research income \$ | 228,011 | | | | Res. comm. income (\$) | 20,026 | |
| | UoEs assessed | 0 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

11(BCH) MEDICAL AND HEALTH SCIENCES

11(BCH) Medical and Health Sciences comprises these four-digit codes:

11(BCH) Medical and Health Sciences

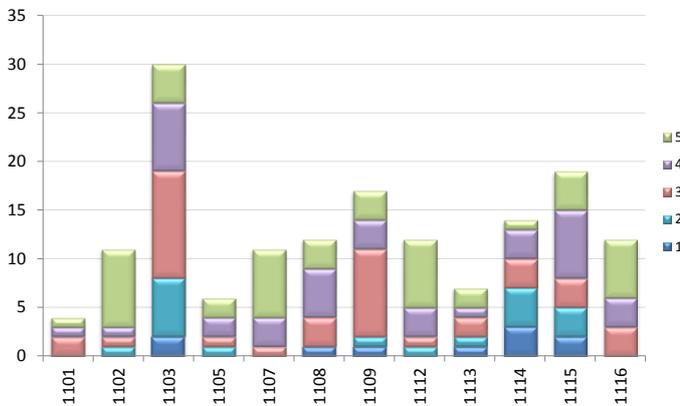
| | |
|------|--|
| 1101 | Medical Biochemistry and Metabolomics |
| 1102 | Cardiovascular Medicine and Haematology |
| 1103 | Clinical Sciences |
| 1105 | Dentistry |
| 1107 | Immunology |
| 1108 | Medical Microbiology |
| 1109 | Neurosciences |
| 1112 | Oncology and Carcinogenesis |
| 1113 | Ophthalmology and Optometry |
| 1114 | Paediatrics and Reproductive Medicine |
| 1115 | Pharmacology and Pharmaceutical Sciences |
| 1116 | Medical Physiology |

| Biomedical and Clinical Health Sciences | | | | | | | |
|--|--------------------|---------------|----|----|------------------------|-------------|-------|
| 11 Medical and Health Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 82% | FTEs | 4,581 | | | Esteem count(s) | 372 | |
| | Research outputs | 45,157 | | | Patent(s) | 162 | |
| | Research income \$ | 2,089,198,281 | | | Res. comm. income (\$) | 239,989,733 | |
| | UoEs assessed | 155 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 10 | 18 | 40 | 39 | 48 | 155 |
| Average National Rating 3.6 | | | | | | | |

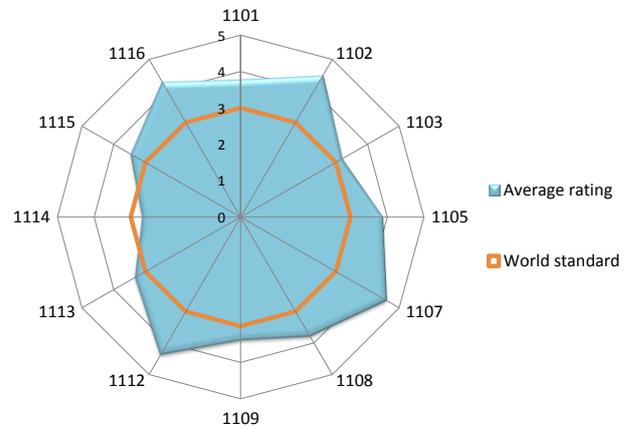
FoR overview

Medical and Health Sciences (11) in BCH accounted for approximately 14% of national research outputs. The majority of these outputs were journal articles. Research outputs increased by 31% over the reference period. Medical and Health Sciences (BCH) received approximately 27% of HERDC Category 1 research income for the reference period. Thirty-five (35) UoEs were assessed at the two-digit FoR code level, and 155 at the four-digit FoR code level. Eighty-two per cent (82%) of assessed UoEs in Medical and Health Sciences (BCH) received a rating at or above world standard. The largest FoR code was Clinical Sciences (1103; 20,896 outputs). Particularly strong performers were Cardiovascular Medicine and Haematology (1102), Immunology (1107), Oncology and Carcinogenesis (1112), and Medical Physiology (1116).

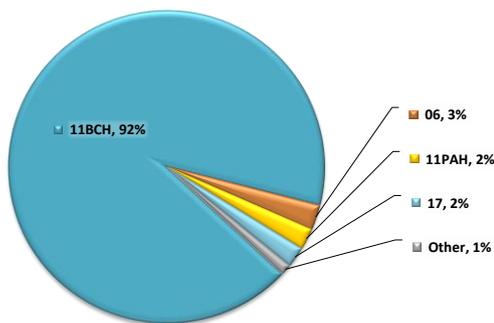
Number of UoEs per rating scale score



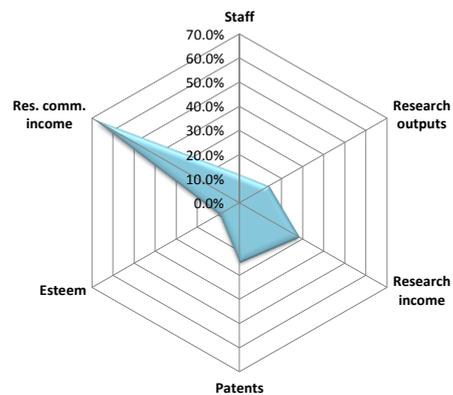
Four-digit FoR ratings



Disciplinary profile

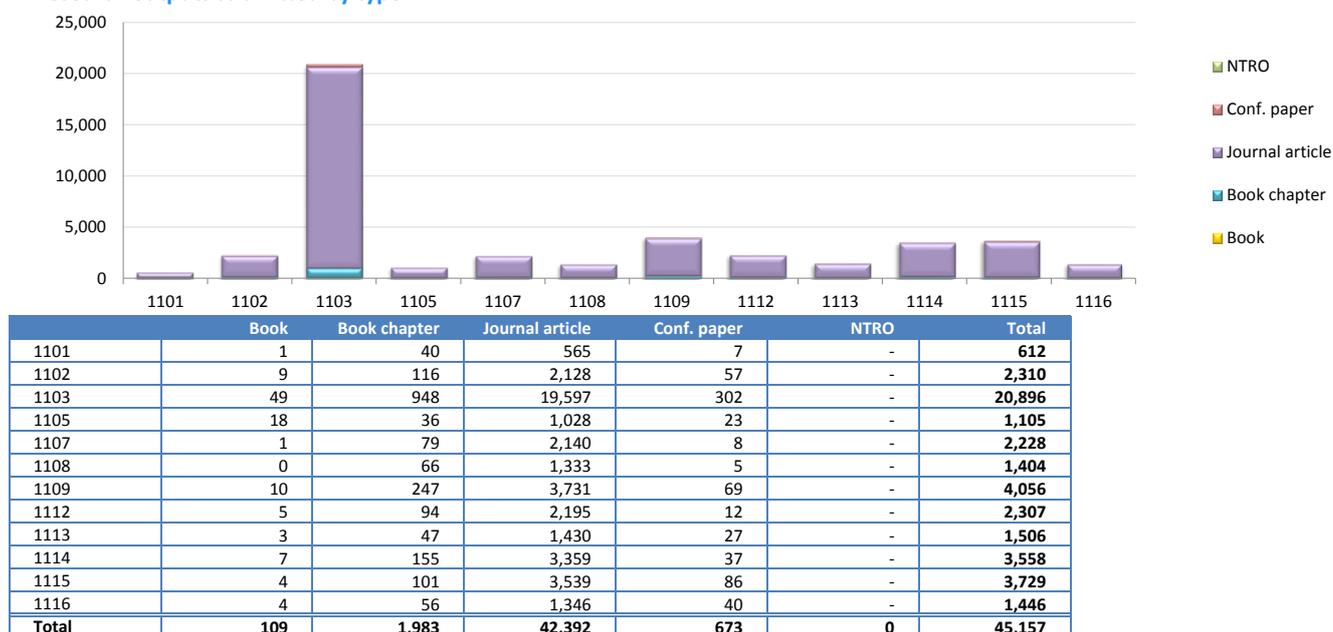


Contribution to national landscape (%)

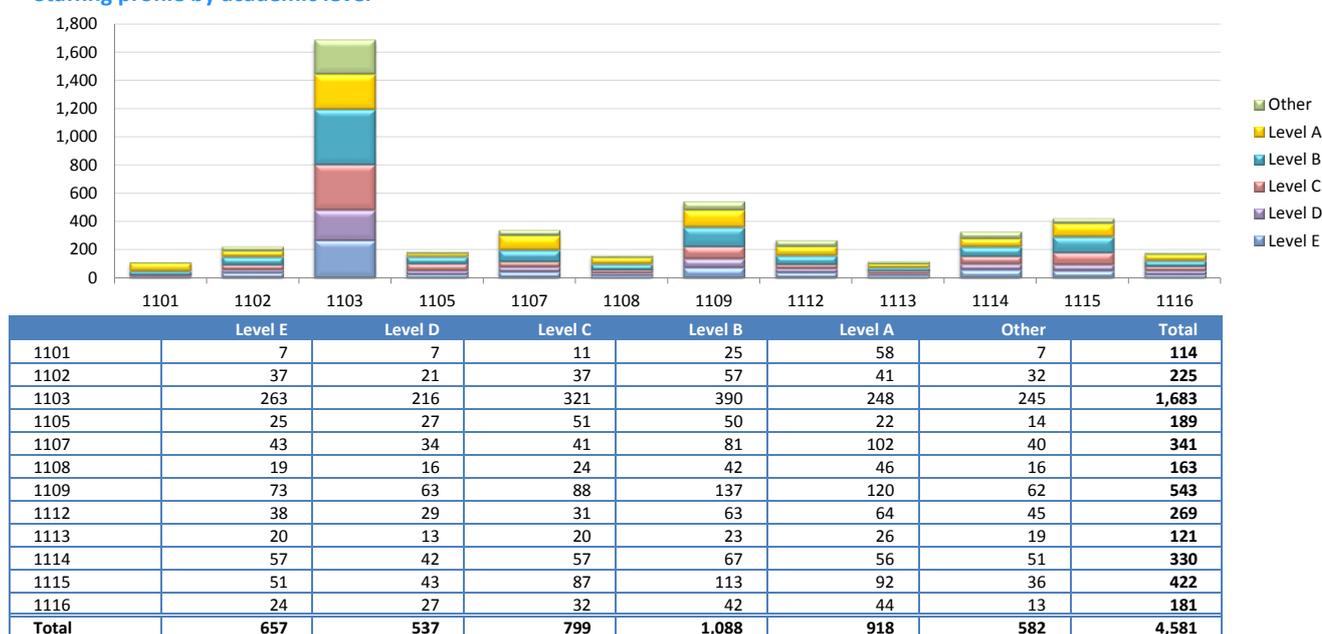


Section 2 - Results by FoR Code

Research outputs submitted by type



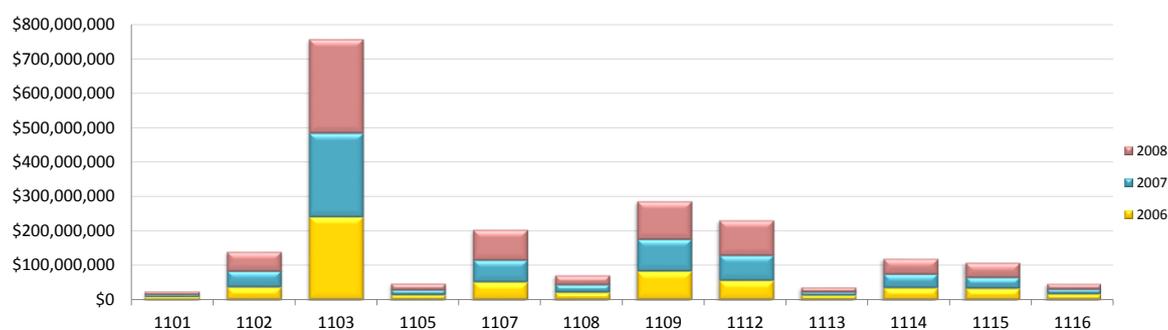
Staffing profile by academic level



Patent profile

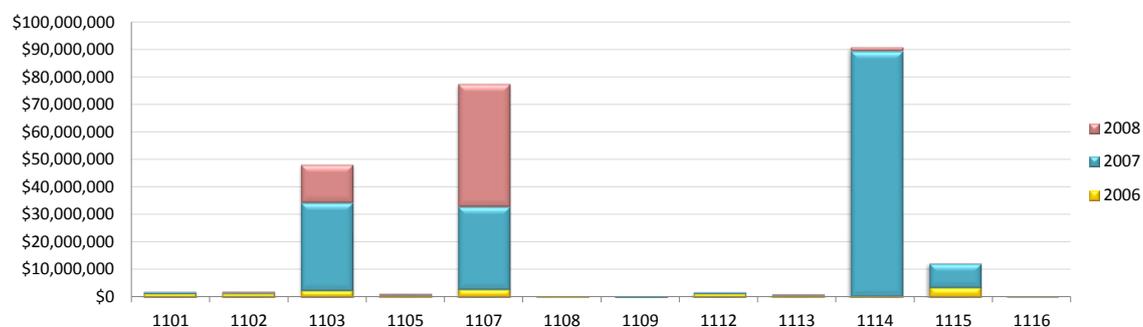
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|-------------|---------------|-------------|------------|-------------|------------|--------------|
| 1101 | 2.7 | 4.9 | 2.5 | 0.0 | 0.9 | 0.0 | 11.0 |
| 1102 | 0.5 | 1.8 | 1.0 | 0.0 | 0.1 | 0.0 | 3.5 |
| 1103 | 5.6 | 9.5 | 6.2 | 0.5 | 12.2 | 0.0 | 33.9 |
| 1105 | 1.2 | 1.8 | 2.4 | 0.6 | 4.8 | 0.0 | 10.8 |
| 1107 | 4.7 | 3.8 | 4.0 | 1.3 | 6.0 | 0.0 | 19.8 |
| 1108 | 4.7 | 6.7 | 4.0 | 3.0 | 2.0 | 0.0 | 20.4 |
| 1109 | 4.1 | 6.4 | 3.1 | 0.0 | 2.3 | 0.0 | 15.8 |
| 1112 | 2.3 | 0.3 | 1.0 | 0.0 | 1.5 | 0.0 | 5.1 |
| 1113 | 2.5 | 7.2 | 4.0 | 0.0 | 0.0 | 0.0 | 13.7 |
| 1114 | 1.0 | 1.0 | 1.6 | 0.0 | 0.0 | 0.0 | 3.6 |
| 1115 | 6.4 | 5.6 | 3.0 | 0.3 | 2.5 | 0.0 | 17.8 |
| 1116 | 2.9 | 1.9 | 0.6 | 0.0 | 1.0 | 0.0 | 6.4 |
| Total | 38.5 | 50.9 | 33.3 | 5.8 | 33.3 | 0.0 | 161.8 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|----------------------|----------------------|----------------------|------------------------|
| 1101 | \$8,337,662 | \$8,353,937 | \$9,457,584 | \$26,149,182 |
| 1102 | \$36,109,539 | \$48,054,228 | \$57,197,080 | \$141,360,847 |
| 1103 | \$239,612,168 | \$244,885,881 | \$273,170,459 | \$757,668,507 |
| 1105 | \$13,508,784 | \$15,829,561 | \$19,766,730 | \$49,105,075 |
| 1107 | \$51,162,839 | \$64,786,718 | \$89,017,101 | \$204,966,658 |
| 1108 | \$20,712,603 | \$24,224,064 | \$28,144,448 | \$73,081,115 |
| 1109 | \$82,580,574 | \$93,767,953 | \$111,297,919 | \$287,646,446 |
| 1112 | \$55,451,155 | \$74,142,527 | \$102,753,179 | \$232,346,860 |
| 1113 | \$12,660,578 | \$10,951,124 | \$14,228,223 | \$37,839,925 |
| 1114 | \$34,300,030 | \$41,416,693 | \$45,543,606 | \$121,260,330 |
| 1115 | \$32,434,524 | \$33,578,262 | \$43,519,959 | \$109,532,745 |
| 1116 | \$16,167,765 | \$15,224,710 | \$16,848,116 | \$48,240,591 |
| Total | \$603,038,220 | \$675,215,656 | \$810,944,405 | \$2,089,198,281 |

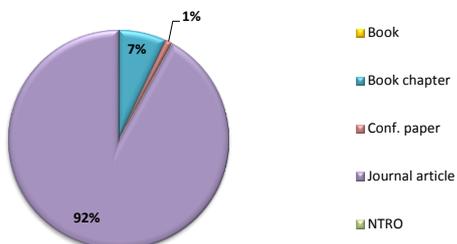
Research commercialisation income (\$)



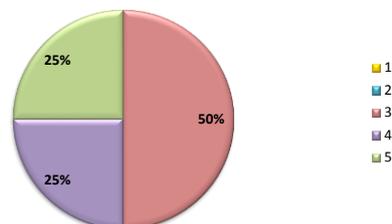
| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|----------------------|---------------------|----------------------|
| 1101 | \$1,341,373 | \$738,604 | \$94,501 | \$2,174,478 |
| 1102 | \$1,409,873 | \$388,205 | \$447,825 | \$2,245,902 |
| 1103 | \$2,485,164 | \$32,026,942 | \$13,787,579 | \$48,299,685 |
| 1105 | \$449,063 | \$498,136 | \$573,534 | \$1,520,733 |
| 1107 | \$2,857,267 | \$30,198,672 | \$44,432,187 | \$77,488,127 |
| 1108 | \$277,901 | \$169,986 | \$94,739 | \$542,627 |
| 1109 | \$66,362 | \$463,253 | \$79,423 | \$609,038 |
| 1112 | \$1,336,989 | \$673,475 | \$669 | \$2,011,133 |
| 1113 | \$395,338 | \$538,130 | \$403,626 | \$1,337,094 |
| 1114 | \$270,261 | \$89,126,567 | \$1,320,664 | \$90,717,491 |
| 1115 | \$3,496,407 | \$8,899,607 | \$158,846 | \$12,554,860 |
| 1116 | \$166,216 | \$174,126 | \$148,223 | \$488,564 |
| Total | \$14,552,215 | \$163,895,703 | \$61,541,815 | \$239,989,733 |

| 1101 Medical Biochemistry and Metabolomics | | | | | | | | |
|---|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 114 | Esteem count(s) | | | | 9 | Average National Rating 3.8 |
| | Research outputs | 612 | Patent(s) | | | | 11 | |
| | Research income \$ | 26,149,182 | Res. comm. income (\$) | | | | 2,174,478 | |
| | UoEs assessed | 4 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 2 | 1 | 1 | 4 | |

Research outputs by type

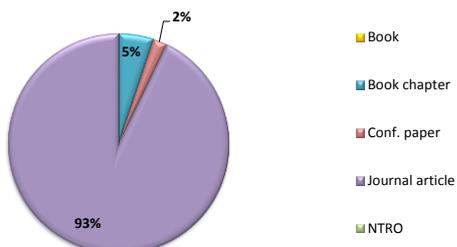


FoR rating distribution

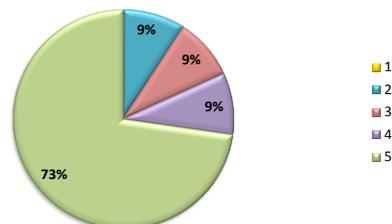


| 1102 Cardiovascular Medicine and Haematology | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 91% | FTEs | 225 | Esteem count(s) | | | | 18 | Average National Rating 4.5 |
| | Research outputs | 2,310 | Patent(s) | | | | 4 | |
| | Research income \$ | 141,360,847 | Res. comm. income (\$) | | | | 2,245,902 | |
| | UoEs assessed | 11 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 1 | 1 | 8 | 11 | |

Research outputs by type

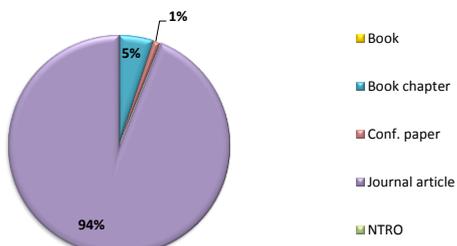


FoR rating distribution

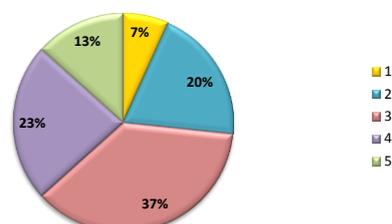


| 1103 Clinical Sciences | | | | | | | | |
|--|--------------------|-------------|------------------------|----|---|---|------------|---------------------------------------|
| % assessed UoEs rated at or above world standard 73% | FTEs | 1,683 | Esteem count(s) | | | | 99 | Average National Rating 3.2 |
| | Research outputs | 20,896 | Patent(s) | | | | 34 | |
| | Research income \$ | 757,668,507 | Res. comm. income (\$) | | | | 48,299,685 | |
| | UoEs assessed | 30 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 6 | 11 | 7 | 4 | 30 | |

Research outputs by type

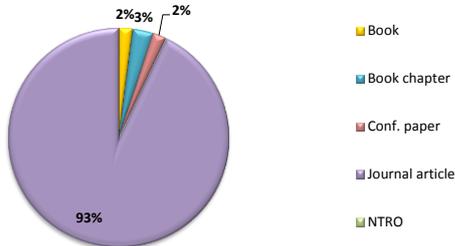


FoR rating distribution

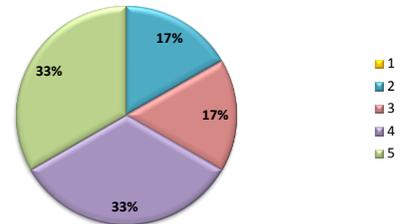


| 1105 Dentistry | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 83% | FTEs | 189 | Esteem count(s) | | | | 2 | Average National Rating 3.8 |
| | Research outputs | 1,105 | Patent(s) | | | | 11 | |
| | Research income \$ | 49,105,075 | Res. comm. income (\$) | | | | 1,520,733 | |
| | UoEs assessed | 6 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 1 | 2 | 2 | 6 | |

Research outputs by type

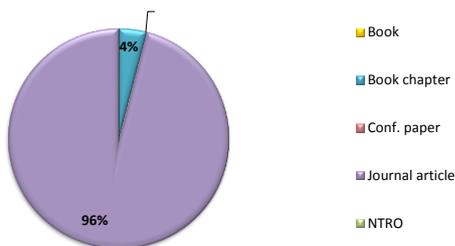


FoR rating distribution

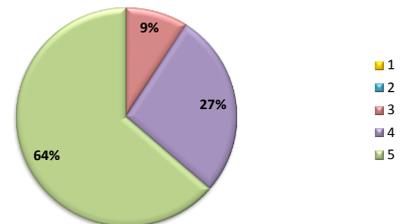


| 1107 Immunology | | | | | | | | |
|---|--------------------|-------------|------------------------|---|---|---|------------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 341 | Esteem count(s) | | | | 41 | Average National Rating 4.5 |
| | Research outputs | 2,228 | Patent(s) | | | | 20 | |
| | Research income \$ | 204,966,658 | Res. comm. income (\$) | | | | 77,488,127 | |
| | UoEs assessed | 11 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 1 | 3 | 7 | 11 | |

Research outputs by type

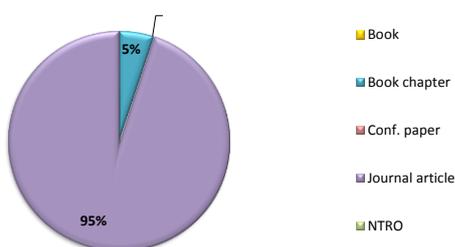


FoR rating distribution

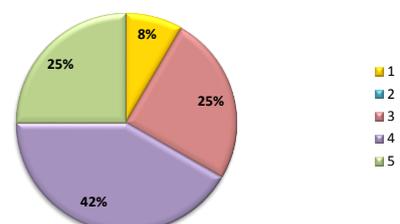


| 1108 Medical Microbiology | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 92% | FTEs | 163 | Esteem count(s) | | | | 15 | Average National Rating 3.8 |
| | Research outputs | 1,404 | Patent(s) | | | | 20 | |
| | Research income \$ | 73,081,115 | Res. comm. income (\$) | | | | 542,627 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 0 | 3 | 5 | 3 | 12 | |

Research outputs by type

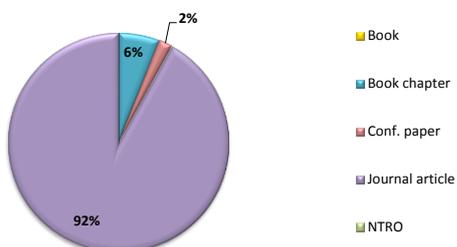


FoR rating distribution

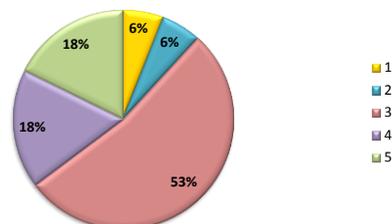


| 1109 Neurosciences | | | | | | | |
|--|--------------------|-------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 88% | FTEs | 543 | | Esteem count(s) | | 82 | |
| | Research outputs | 4,056 | | Patent(s) | | 16 | |
| | Research income \$ | 287,646,446 | | Res. comm. income (\$) | | 609,038 | |
| | UoEs assessed | 17 | | | | Average National Rating 3.4 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 1 | 1 | 9 | 3 | 3 | 17 |

Research outputs by type

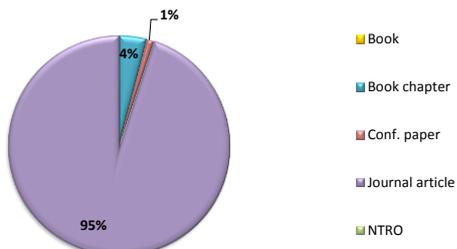


FoR rating distribution

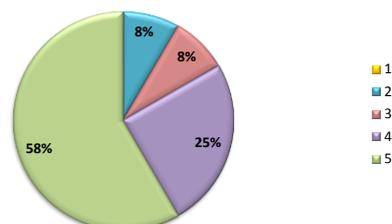


| 1112 Oncology and Carcinogenesis | | | | | | | |
|--|--------------------|-------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 92% | FTEs | 269 | | Esteem count(s) | | 16 | |
| | Research outputs | 2,307 | | Patent(s) | | 5 | |
| | Research income \$ | 232,346,860 | | Res. comm. income (\$) | | 2,011,133 | |
| | UoEs assessed | 12 | | | | Average National Rating 4.3 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 1 | 1 | 3 | 7 | 12 |

Research outputs by type

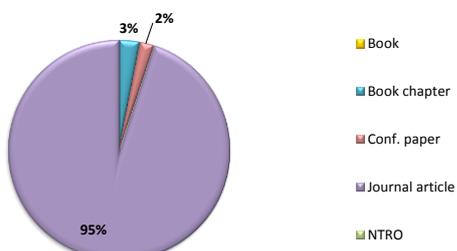


FoR rating distribution

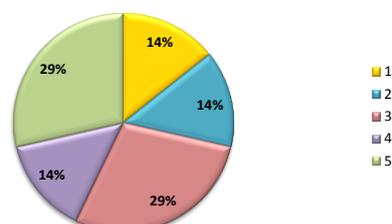


| 1113 Ophthalmology and Optometry | | | | | | | |
|--|--------------------|------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 71% | FTEs | 121 | | Esteem count(s) | | 9 | |
| | Research outputs | 1,506 | | Patent(s) | | 14 | |
| | Research income \$ | 37,839,925 | | Res. comm. income (\$) | | 1,337,094 | |
| | UoEs assessed | 7 | | | | Average National Rating 3.3 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 1 | 1 | 2 | 1 | 2 | 7 |

Research outputs by type

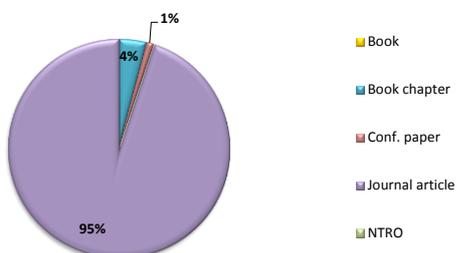


FoR rating distribution

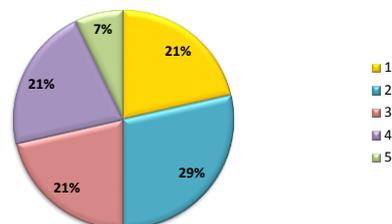


| 1114 Paediatrics and Reproductive Medicine | | | | | | | |
|--|--------------------|-------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 50% | FTEs | 330 | | Esteem count(s) | | 35 | |
| | Research outputs | 3,558 | | Patent(s) | | 4 | |
| | Research income \$ | 121,260,330 | | Res. comm. income (\$) | | 90,717,491 | |
| | UoEs assessed | 14 | | | | Average National Rating 2.6 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 3 | 4 | 3 | 3 | 1 | 14 |

Research outputs by type

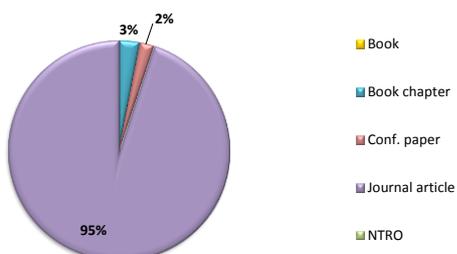


FoR rating distribution

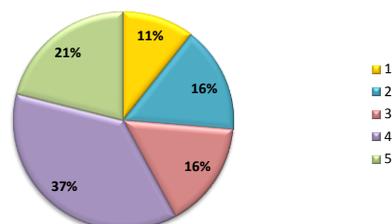


| 1115 Pharmacology and Pharmaceutical Sciences | | | | | | | |
|--|--------------------|-------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 74% | FTEs | 422 | | Esteem count(s) | | 26 | |
| | Research outputs | 3,729 | | Patent(s) | | 18 | |
| | Research income \$ | 109,532,745 | | Res. comm. income (\$) | | 12,554,860 | |
| | UoEs assessed | 19 | | | | Average National Rating 3.4 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 2 | 3 | 3 | 7 | 4 | 19 |

Research outputs by type

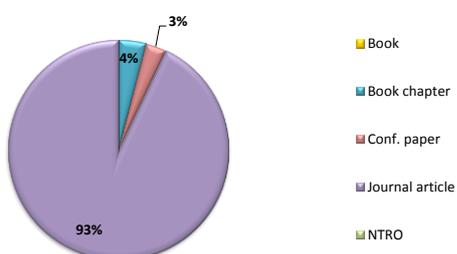


FoR rating distribution

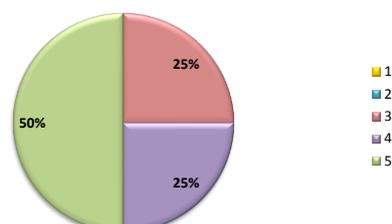


| 1116 Medical Physiology | | | | | | | |
|---|--------------------|------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 181 | | Esteem count(s) | | 21 | |
| | Research outputs | 1,446 | | Patent(s) | | 6 | |
| | Research income \$ | 48,240,591 | | Res. comm. income (\$) | | 488,564 | |
| | UoEs assessed | 12 | | | | Average National Rating 4.3 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 0 | 3 | 3 | 6 | 12 |

Research outputs by type



FoR rating distribution



11(PAH) MEDICAL AND HEALTH SCIENCES

11(PAH) Medical and Health Sciences comprises these four-digit codes:

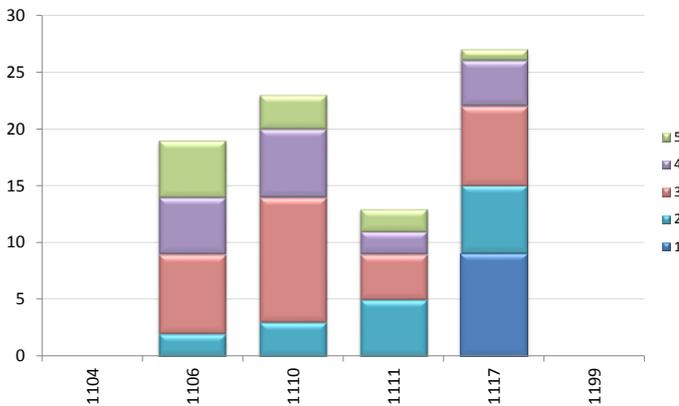
| | |
|----------------|--|
| 11(PAH) | Medical and Health Sciences |
| 1104 | Complementary and Alternative Medicine |
| 1106 | Human Movement and Sports Science |
| 1110 | Nursing |
| 1111 | Nutrition and Dietetics |
| 1117 | Public Health and Health Services |
| 1199 | Other Medical and Health Sciences |

| Public and Allied Health Sciences | | | | | | | |
|--|--------------------|-------------|----|----|------------------------|-----|-------|
| 11 Medical and Health Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 70% | FTEs | 3,985 | | | Esteem count(s) | 471 | |
| | Research outputs | 18,692 | | | Patent(s) | 8 | |
| | Research income \$ | 873,516,867 | | | Res. comm. income (\$) | - | |
| | UoEs assessed | 82 | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 9 | 16 | 29 | 17 | 11 | 82 |
| Average National Rating 3.1 | | | | | | | |

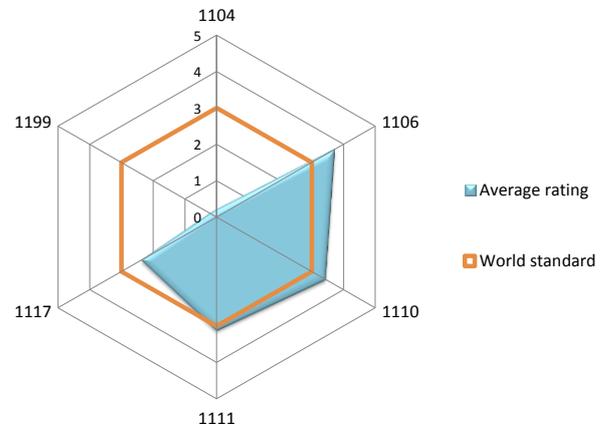
FoR overview

Medical and Health Sciences (11) in PAH accounted for approximately 6% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 61% over the reference period. Medical and Health Sciences (PAH) received approximately 8% of HERDC Category 1 research income for the reference period. The disciplinary profile shows that Medical and Health Sciences in PAH shared a significant proportion of research outputs with Medical and Health Sciences (11) in BCH. Thirty-eight (38) UoEs were assessed at the two-digit FoR code level, and 82 at the four-digit FoR code level. Seventy per cent (70%) of assessed UoEs in Medical and Health Sciences (PAH) received a rating at or above world standard. The largest FoR code was Public Health and Health Services (1117; 10,648 outputs). Particularly strong performers were Human Movement and Sports Science (1106) and Nursing (1110).

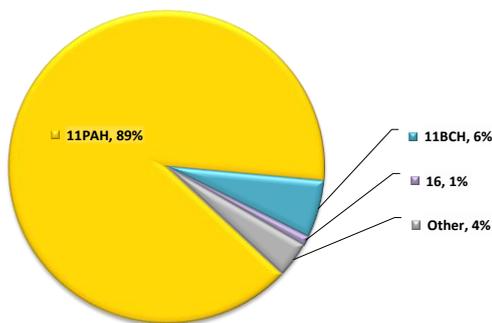
Number of UoEs per rating scale score



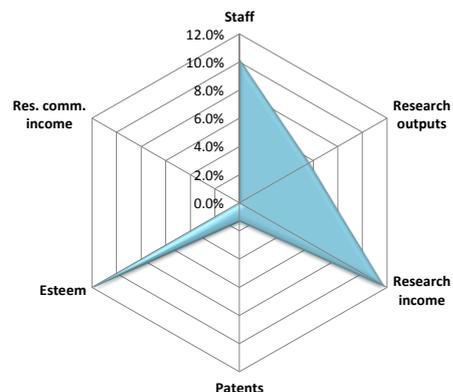
Four-digit FoR ratings



Disciplinary profile

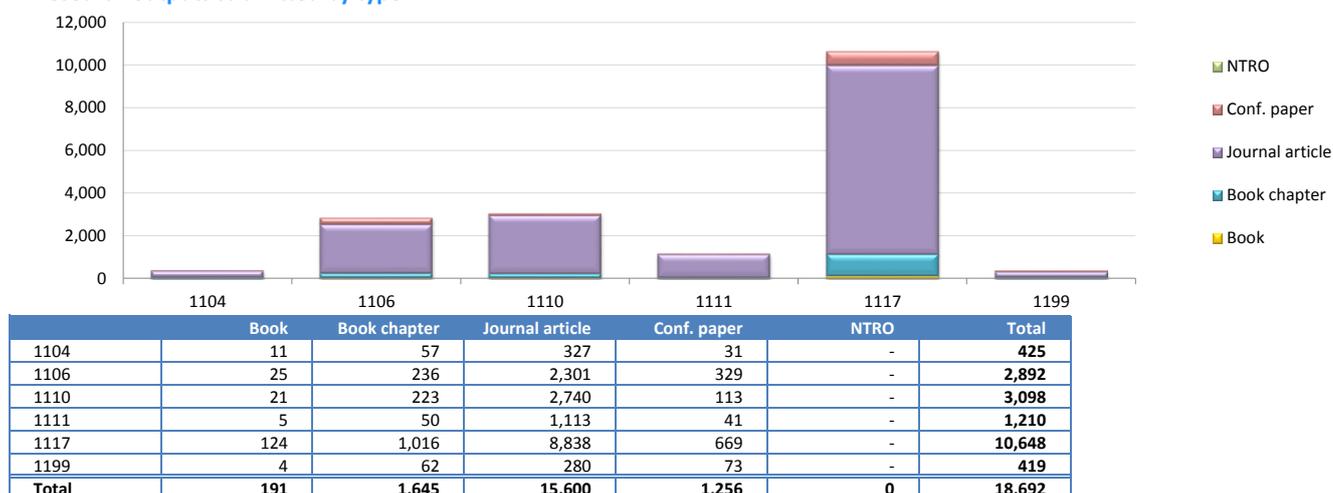


Contribution to national landscape (%)

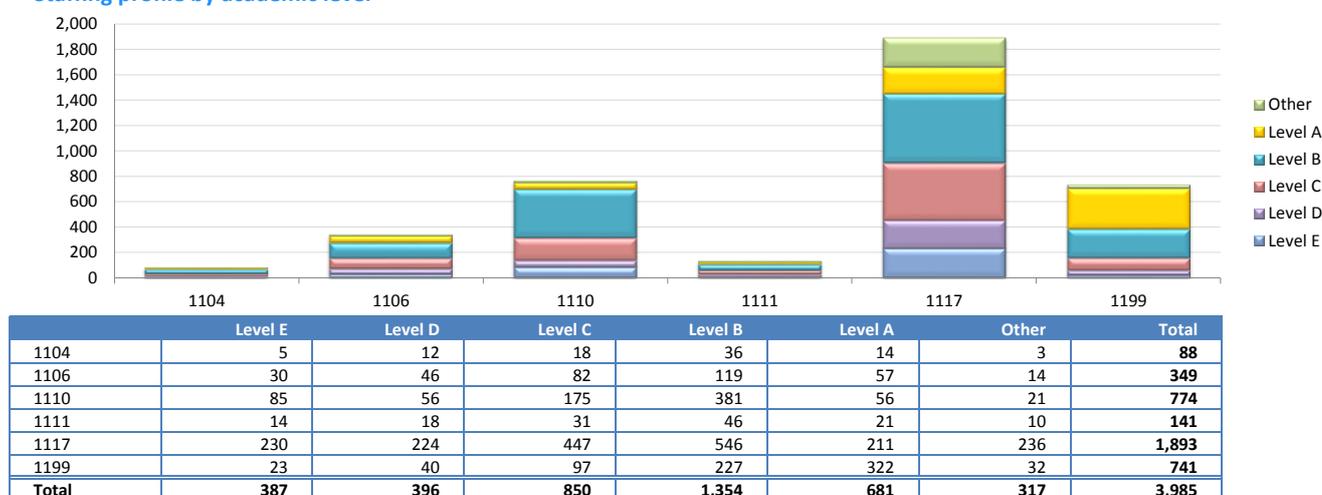


Section 2 - Results by FoR Code

Research outputs submitted by type



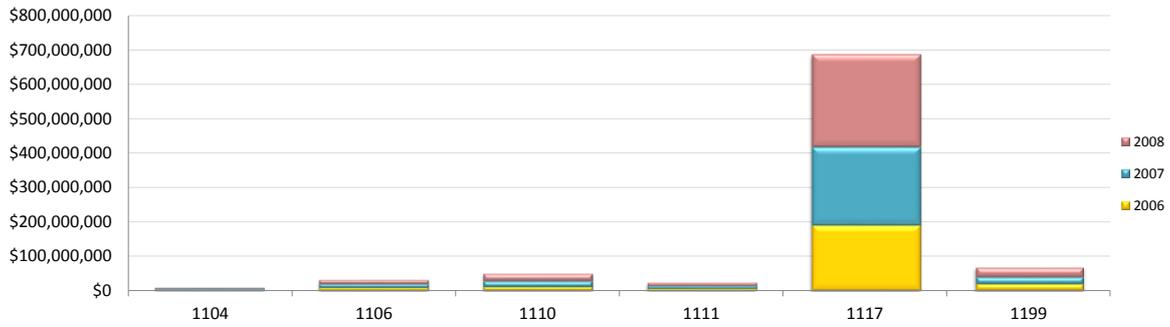
Staffing profile by academic level



Patent profile

| FoR Code | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|------------|
| 1104 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1106 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 1110 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1111 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 1117 | 2.4 | 1.0 | 0.0 | 0.0 | 0.6 | 0.0 | 4.0 |
| 1199 | 1.3 | 0.7 | 0.2 | 0.0 | 0.3 | 0.0 | 2.4 |
| Total | 4.4 | 2.7 | 0.2 | 0.0 | 0.9 | 0.0 | 8.2 |

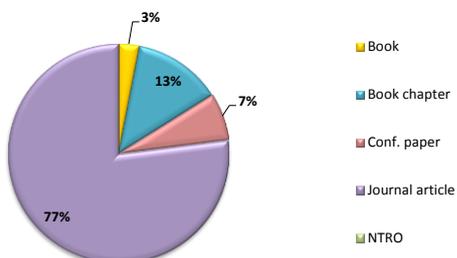
Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|----------------------|----------------------|----------------------|----------------------|
| 1104 | \$1,507,554 | \$5,622,188 | \$3,102,899 | \$10,232,641 |
| 1106 | \$10,017,056 | \$11,180,045 | \$11,303,330 | \$32,500,432 |
| 1110 | \$11,944,604 | \$17,525,106 | \$21,409,089 | \$50,878,800 |
| 1111 | \$7,120,014 | \$8,650,001 | \$8,836,972 | \$24,606,987 |
| 1117 | \$189,724,491 | \$227,978,734 | \$268,845,936 | \$686,549,160 |
| 1199 | \$20,427,852 | \$20,666,948 | \$27,654,047 | \$68,748,847 |
| Total | \$240,741,570 | \$291,623,022 | \$341,152,274 | \$873,516,867 |

| 1104 Complementary and Alternative Medicine | | | | | | | | |
|--|--------------------|------------|---|---|------------------------|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 88 | | | Esteem count(s) | | 11 | Average National Rating n/a |
| | Research outputs | 425 | | | Patent(s) | | 1 | |
| | Research income \$ | 10,232,641 | | | Res. comm. income (\$) | | - | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type

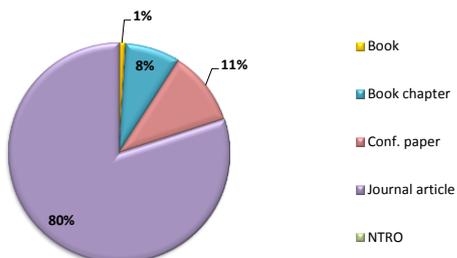


FoR rating distribution

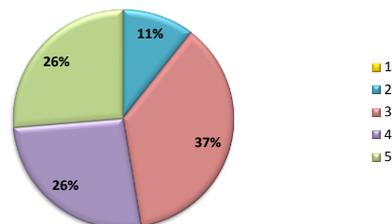
Insufficient data

| 1106 Human Movement and Sports Science | | | | | | | | |
|--|--------------------|------------|---|---|------------------------|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 89% | FTEs | 349 | | | Esteem count(s) | | 13 | Average National Rating 3.7 |
| | Research outputs | 2,892 | | | Patent(s) | | 0 | |
| | Research income \$ | 32,500,432 | | | Res. comm. income (\$) | | - | |
| | UoEs assessed | 19 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 2 | 7 | 5 | 5 | 19 | |

Research outputs by type

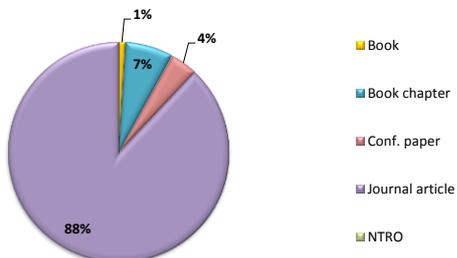


FoR rating distribution

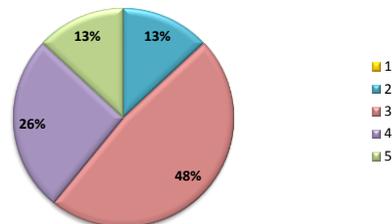


| 1110 Nursing | | | | | | | | |
|--|--------------------|------------|---|----|------------------------|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 87% | FTEs | 774 | | | Esteem count(s) | | 27 | Average National Rating 3.4 |
| | Research outputs | 3,098 | | | Patent(s) | | 0 | |
| | Research income \$ | 50,878,800 | | | Res. comm. income (\$) | | - | |
| | UoEs assessed | 23 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 3 | 11 | 6 | 3 | 23 | |

Research outputs by type

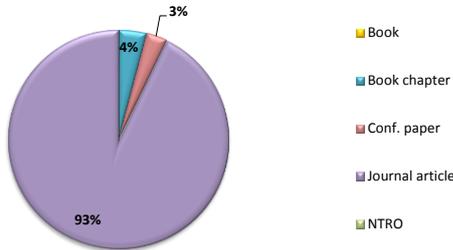


FoR rating distribution

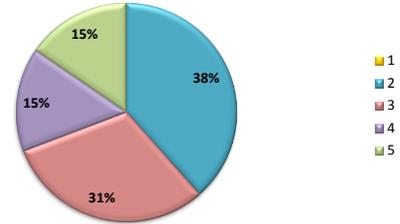


| 1111 Nutrition and Dietetics | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 62% | FTEs | 141 | Esteem count(s) | | | | 11 | Average National Rating 3.1 |
| | Research outputs | 1,210 | Patent(s) | | | | 0 | |
| | Research income \$ | 24,606,987 | Res. comm. income (\$) | | | | - | |
| | UoEs assessed | 13 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 5 | 4 | 2 | 2 | 13 | |

Research outputs by type

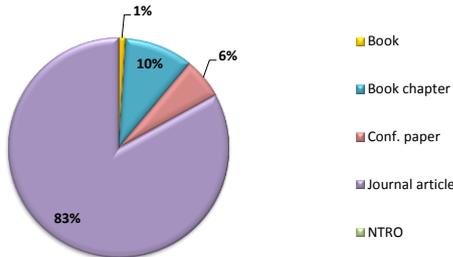


FoR rating distribution

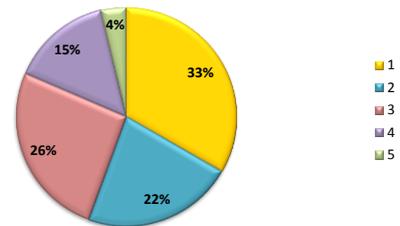


| 1117 Public Health and Health Services | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 44% | FTEs | 1,893 | Esteem count(s) | | | | 395 | Average National Rating 2.3 |
| | Research outputs | 10,648 | Patent(s) | | | | 4 | |
| | Research income \$ | 686,549,160 | Res. comm. income (\$) | | | | - | |
| | UoEs assessed | 27 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 9 | 6 | 7 | 4 | 1 | 27 | |

Research outputs by type

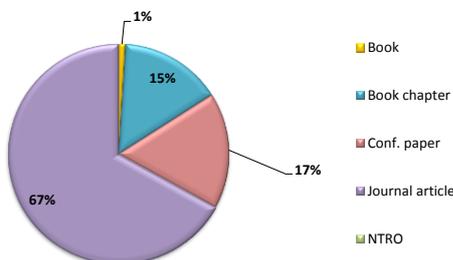


FoR rating distribution



| 1199 Other Medical and Health Sciences | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 741 | Esteem count(s) | | | | 15 | Average National Rating n/a |
| | Research outputs | 419 | Patent(s) | | | | 2 | |
| | Research income \$ | 68,748,847 | Res. comm. income (\$) | | | | - | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

12(EЕ) BUILT ENVIRONMENT AND DESIGN

12(EЕ) Built Environment and Design comprises these four-digit codes:

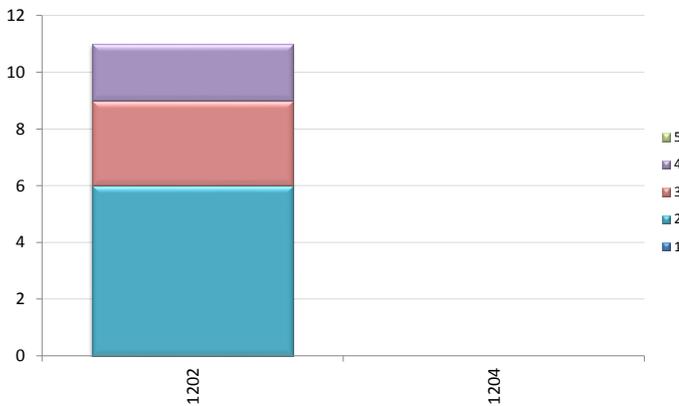
| 12(EЕ) | Built Environment and Design |
|---------------|-------------------------------------|
| 1202 | Building |
| 1204 | Engineering Design |

| Engineering and Environmental Sciences | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---|
| 12 Built Environment and Design | | | | | | | |
| % assessed UoEs rated at or above world standard 45% | FTEs | 145 | Esteem count(s) | | | 1 | Average National Rating 2.6 |
| | Research outputs | 1,571 | Patent(s) | | | 2 | |
| | Research income \$ | 12,191,063 | Res. comm. income (\$) | | | 0 | |
| | UoEs assessed | 11 | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 6 | 3 | 2 | 0 | 11 |

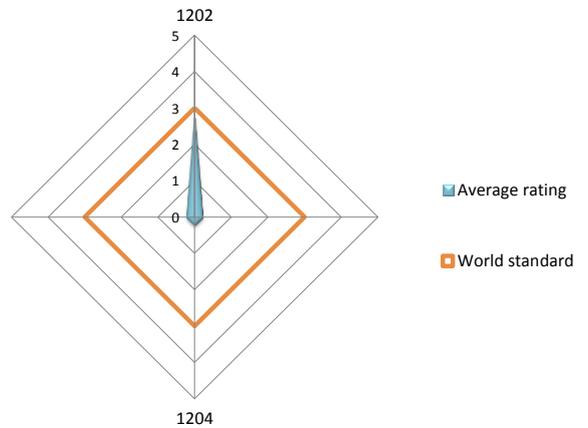
FoR overview

The majority of outputs in Built Environment and Design (12) in EE were conference papers. Research outputs increased 50% over the reference period. Twelve (12) UoEs were assessed at the two-digit FoR code level, and 11 at the four-digit FoR code level. Forty-five per cent (45%) of assessed UoEs in Built Environment and Design (EE) received a rating at or above world standard. The largest FoR code was Building (1202; 1,537 outputs).

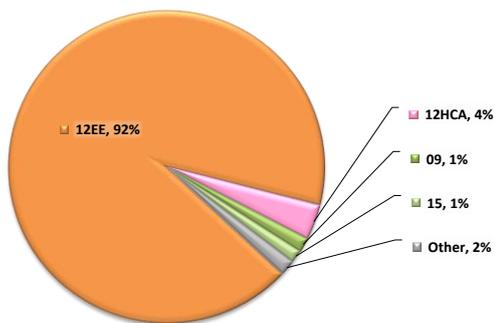
Number of UoEs per rating scale score



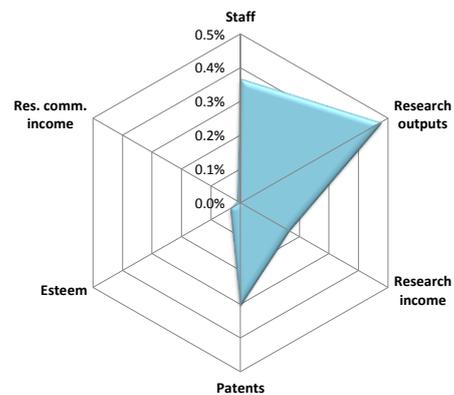
Four-digit FoR ratings



Disciplinary profile

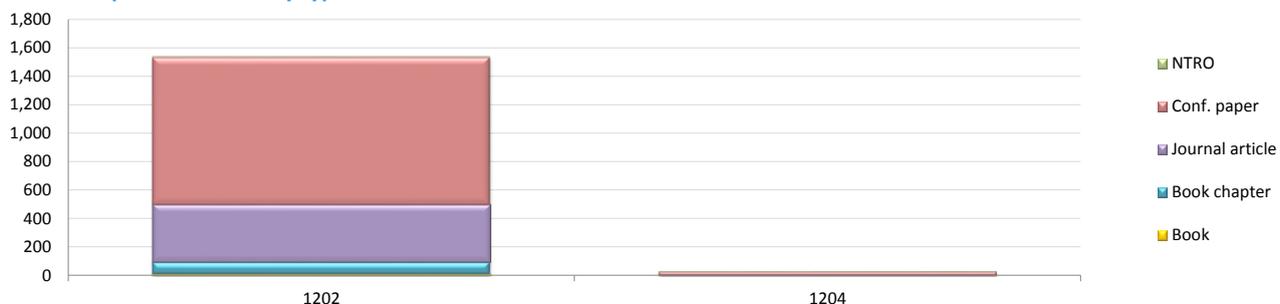


Contribution to national landscape (%)



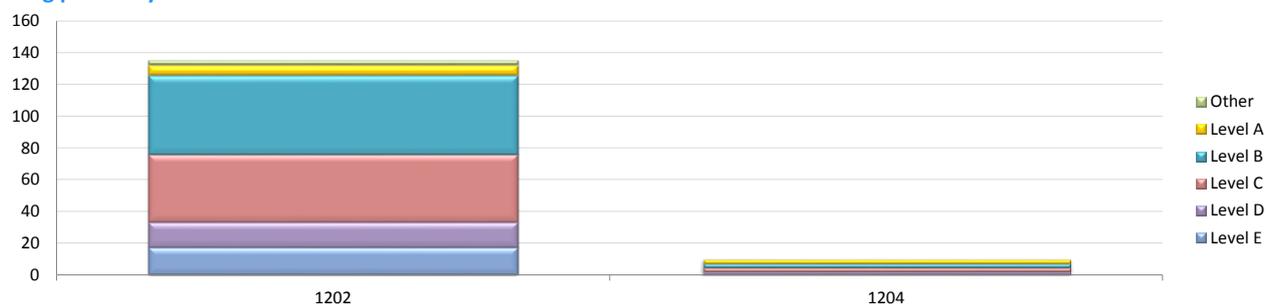
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|-----------|--------------|-----------------|--------------|-----------|--------------|
| 1202 | 11 | 81 | 406 | 1,034 | 5 | 1,537 |
| 1204 | 0 | 1 | 0 | 28 | 5 | 34 |
| Total | 11 | 81 | 406 | 1,063 | 10 | 1,571 |

Staffing profile by academic level

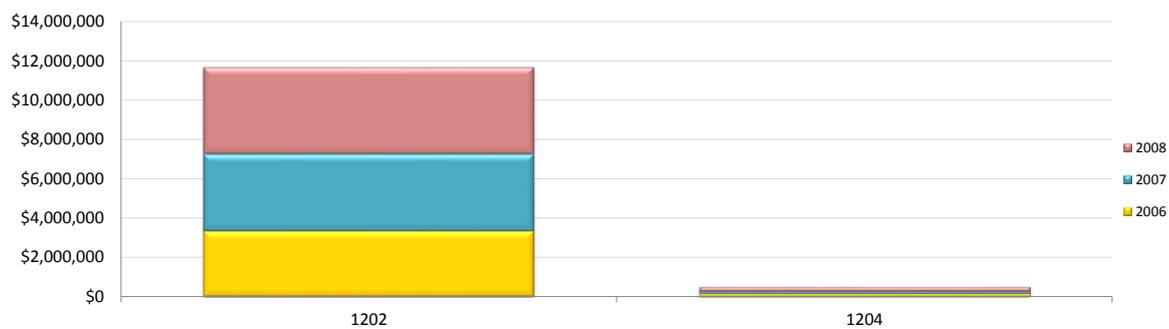


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|-----------|-----------|-----------|-----------|----------|----------|------------|
| 1202 | 17 | 16 | 43 | 50 | 6 | 3 | 135 |
| 1204 | 1 | 1 | 3 | 3 | 3 | 0 | 10 |
| Total | 18 | 17 | 45 | 53 | 9 | 3 | 145 |

Patent profile

| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|------------|
| 1202 | 1.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 2.0 |
| 1204 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 1.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 2.0 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|--------------------|---------------------|
| 1202 | \$3,320,936 | \$3,939,517 | \$4,402,688 | \$11,663,141 |
| 1204 | \$145,826 | \$137,195 | \$244,901 | \$527,922 |
| Total | \$3,466,763 | \$4,076,711 | \$4,647,589 | \$12,191,063 |

Research commercialisation income (\$)

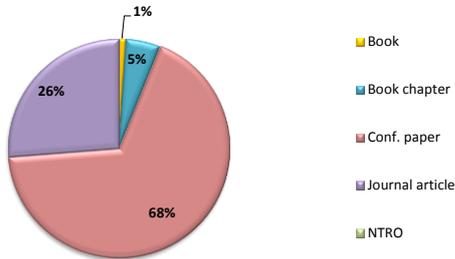
Insufficient data

| | 2006 | 2007 | 2008 | Total |
|--------------|------------|------------|------------|------------|
| 1202 | \$0 | \$0 | \$0 | \$0 |
| 1204 | \$0 | \$0 | \$0 | \$0 |
| Total | \$0 | \$0 | \$0 | \$0 |

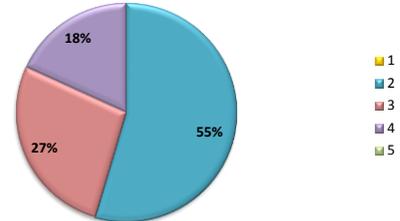
Section 2 - Results by FoR Code

| 1202 Building | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---|
| % assessed UoEs rated at or above world standard 45% | FTEs | 135 | Esteem count(s) | | | | 1 | Average National Rating 2.6 |
| | Research outputs | 1,537 | Patent(s) | | | | 2 | |
| | Research income \$ | 11,663,141 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 11 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 6 | 3 | 2 | 0 | 11 | |

Research outputs by type

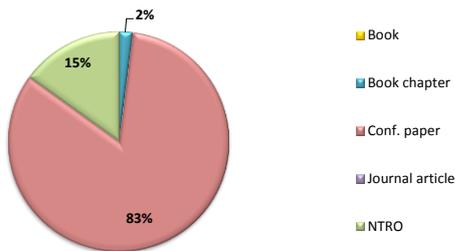


FoR rating distribution



| 1204 Engineering Design | | | | | | | | |
|--|--------------------|---------|------------------------|---|---|---|-------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 10 | Esteem count(s) | | | | 0 | Average National Rating n/a |
| | Research outputs | 34 | Patent(s) | | | | 0 | |
| | Research income \$ | 527,922 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

12(HCA) BUILT ENVIRONMENT AND DESIGN

12(HCA) Built Environment and Design comprises these four-digit codes:

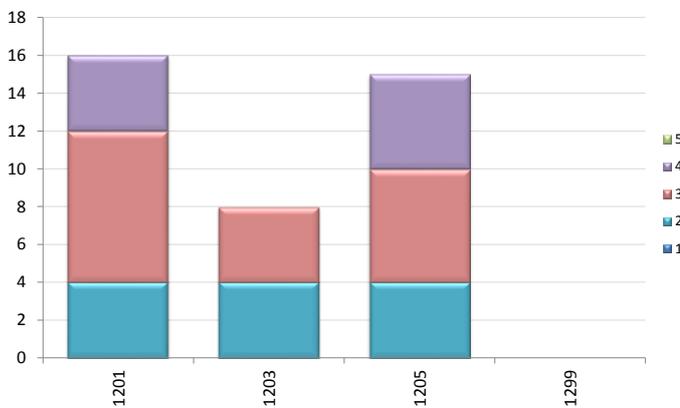
| | |
|----------------|-------------------------------------|
| 12(HCA) | Built Environment and Design |
| 1201 | Architecture |
| 1203 | Design Practice and Management |
| 1205 | Urban and Regional Planning |
| 1299 | Other Built Environment and Design |

| Humanities and Creative Arts | | | | | | | |
|--|--------------------|------------|----|----|------------------------|-------|-------|
| 12 Built Environment and Design | | | | | | | |
| % assessed UoEs rated at or above world standard 69% | FTEs | 732 | | | Esteem count(s) | 26 | |
| | Research outputs | 5,389 | | | Patent(s) | 2 | |
| | Research income \$ | 39,099,024 | | | Res. comm. income (\$) | 1,637 | |
| | UoEs assessed | 39 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 12 | 18 | 9 | 0 | 39 |
| Average National Rating 2.9 | | | | | | | |

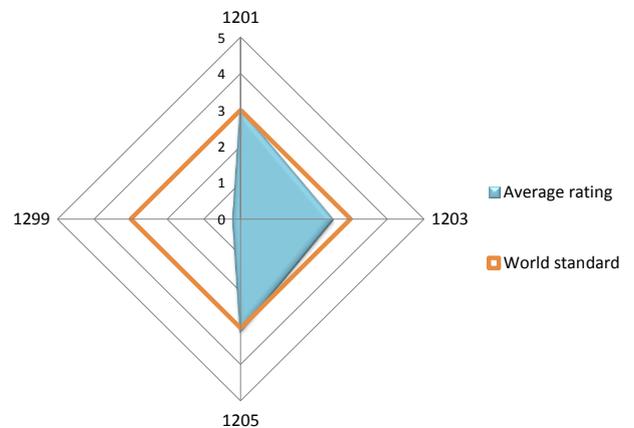
FoR overview

Built Environment and Design (12) in HCA accounted for approximately 2% of the national research outputs. The majority of these outputs were conference papers. Research outputs increased 64% over the reference period. Twenty-two (22) UoEs were assessed at the two-digit FoR code level, and 39 at the four-digit FoR code level. Sixty-nine per cent (69%) of assessed UoEs in Built Environment and Design (HCA) received a rating at or above world standard. The largest FoR code was Architecture (1201; 2,527 outputs).

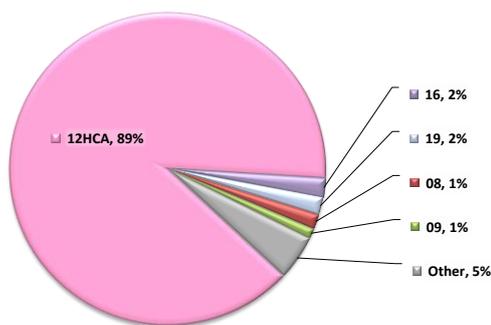
Number of UoEs per rating scale score



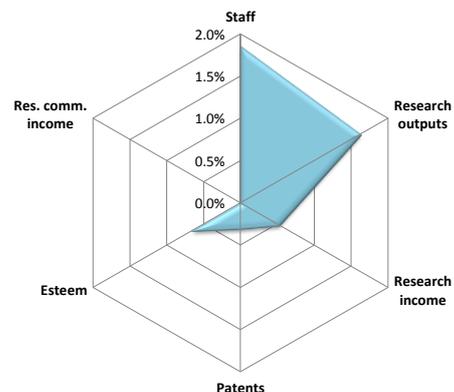
Four-digit FoR ratings



Disciplinary profile

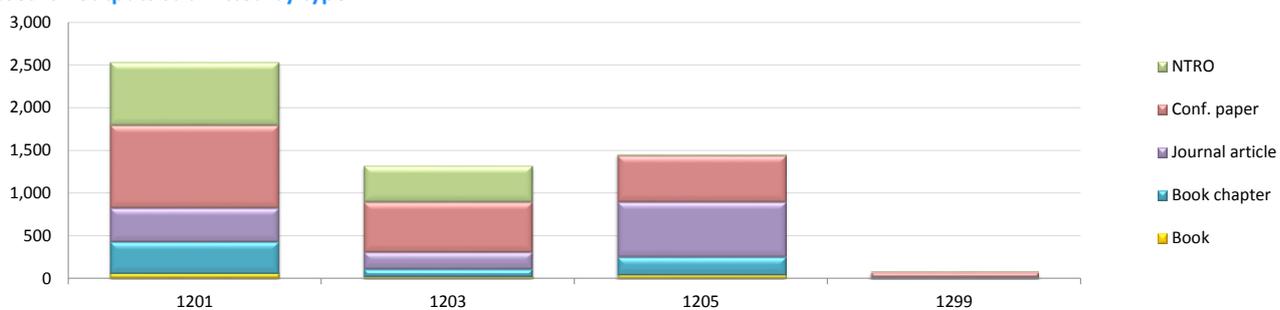


Contribution to national landscape (%)



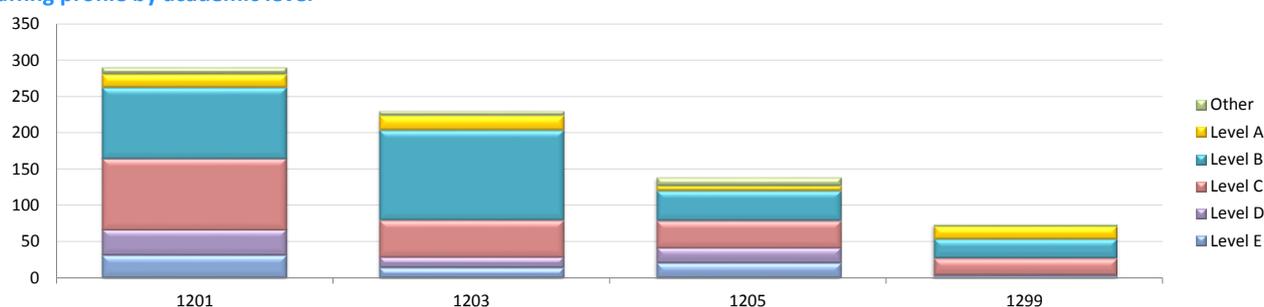
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|--------------|--------------|--------------|
| 1201 | 58 | 368 | 399 | 965 | 738 | 2,527 |
| 1203 | 21 | 91 | 201 | 586 | 424 | 1,322 |
| 1205 | 40 | 212 | 644 | 541 | 16 | 1,452 |
| 1299 | 0 | 10 | 4 | 65 | 9 | 87 |
| Total | 118 | 680 | 1,248 | 2,157 | 1,187 | 5,389 |

Staffing profile by academic level

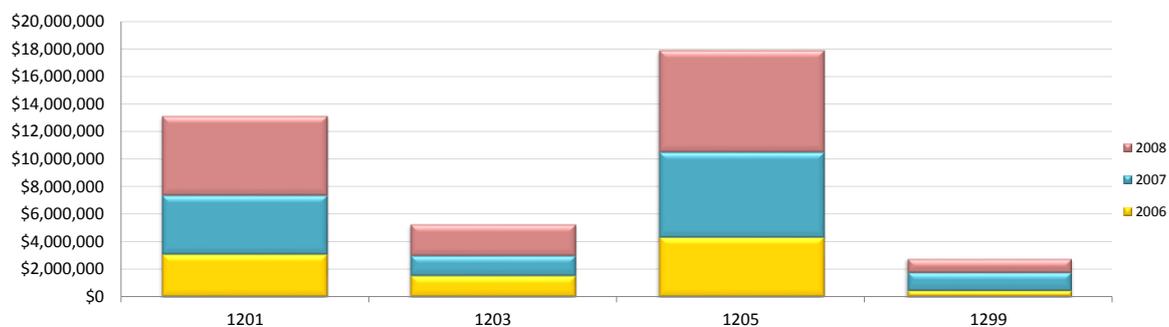


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|-----------|-----------|------------|------------|-----------|-----------|------------|
| 1201 | 31 | 35 | 98 | 99 | 18 | 9 | 289 |
| 1203 | 14 | 15 | 51 | 124 | 20 | 6 | 229 |
| 1205 | 20 | 21 | 38 | 41 | 7 | 12 | 139 |
| 1299 | 3 | 2 | 23 | 27 | 18 | 3 | 75 |
| Total | 67 | 74 | 209 | 290 | 62 | 28 | 732 |

Patent profile

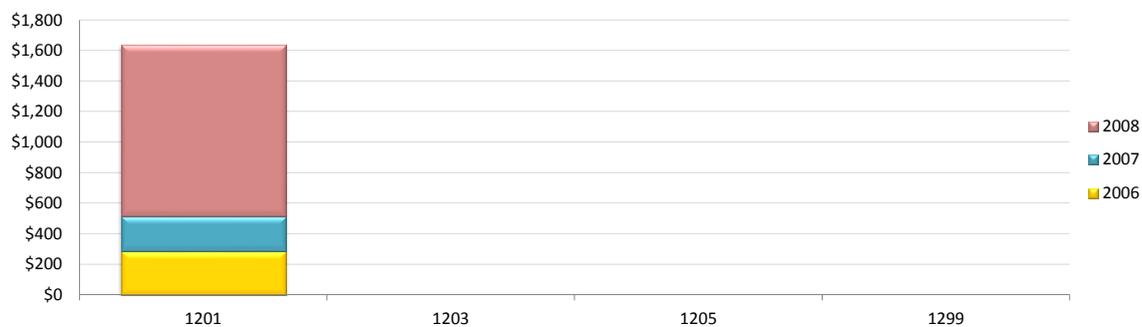
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|------------|
| 1201 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1203 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 1.0 |
| 1205 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1299 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 1.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 2.0 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|---------------------|---------------------|---------------------|
| 1201 | \$3,061,961 | \$4,315,592 | \$5,754,251 | \$13,131,803 |
| 1203 | \$1,522,678 | \$1,475,524 | \$2,280,702 | \$5,278,904 |
| 1205 | \$4,300,255 | \$6,202,792 | \$7,397,829 | \$17,900,875 |
| 1299 | \$431,883 | \$1,353,767 | \$1,001,792 | \$2,787,441 |
| Total | \$9,316,776 | \$13,347,675 | \$16,434,574 | \$39,099,024 |

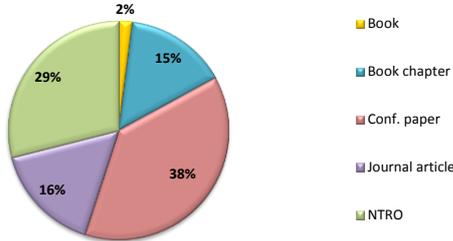
Research commercialisation income (\$)



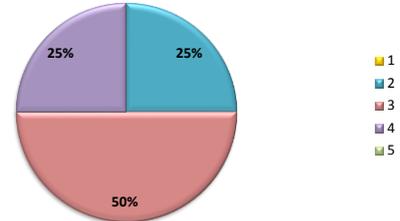
| | 2006 | 2007 | 2008 | Total |
|--------------|--------------|--------------|----------------|----------------|
| 1201 | \$287 | \$229 | \$1,122 | \$1,637 |
| 1203 | \$0 | \$0 | \$0 | \$0 |
| 1205 | \$0 | \$0 | \$0 | \$0 |
| 1299 | \$0 | \$0 | \$0 | \$0 |
| Total | \$287 | \$229 | \$1,122 | \$1,637 |

| 1201 Architecture | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 75% | FTEs | 289 | Esteem count(s) | | | | 10 | Average National Rating 3.0 |
| | Research outputs | 2,527 | Patent(s) | | | | 1 | |
| | Research income \$ | 13,131,803 | Res. comm. income (\$) | | | | 1,637 | |
| | UoEs assessed | 16 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 8 | 4 | 0 | 16 | |

Research outputs by type

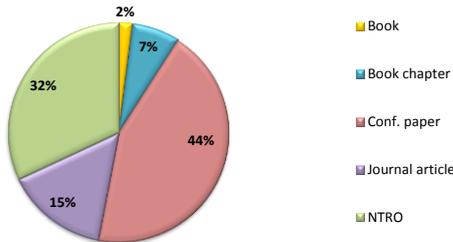


FoR rating distribution

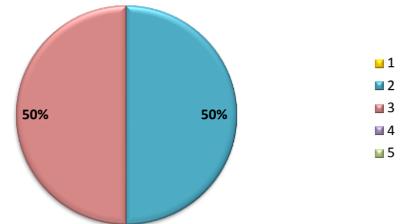


| 1203 Design Practice and Management | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 50% | FTEs | 229 | Esteem count(s) | | | | 1 | Average National Rating 2.5 |
| | Research outputs | 1,322 | Patent(s) | | | | 1 | |
| | Research income \$ | 5,278,904 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 4 | 0 | 0 | 8 | |

Research outputs by type

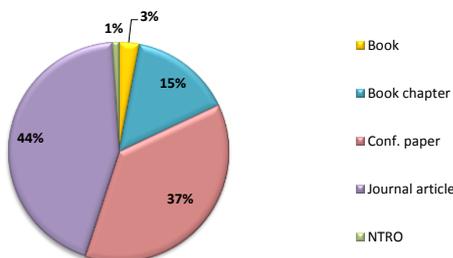


FoR rating distribution

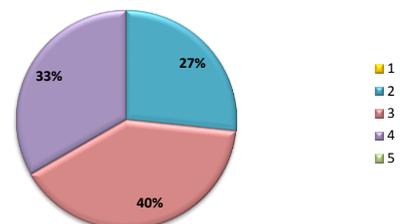


| 1205 Urban and Regional Planning | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 73% | FTEs | 139 | Esteem count(s) | | | | 15 | Average National Rating 3.1 |
| | Research outputs | 1,452 | Patent(s) | | | | 0 | |
| | Research income \$ | 17,900,875 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 15 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 6 | 5 | 0 | 15 | |

Research outputs by type

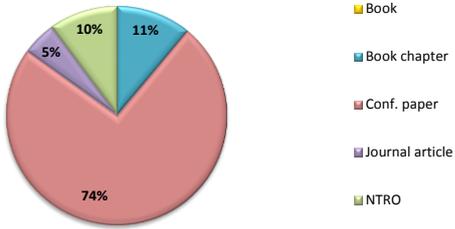


FoR rating distribution



| 1299 Other Built Environment and Design | | | | | | | | |
|--|--------------------|-----------|---|---|------------------------|---|-------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 75 | | | Esteem count(s) | 0 | | Average National Rating n/a |
| | Research outputs | 87 | | | Patent(s) | 0 | | |
| | Research income \$ | 2,787,441 | | | Res. comm. income (\$) | 0 | | |
| | UoEs assessed | 0 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

13 EDUCATION

Education comprises these four-digit codes:

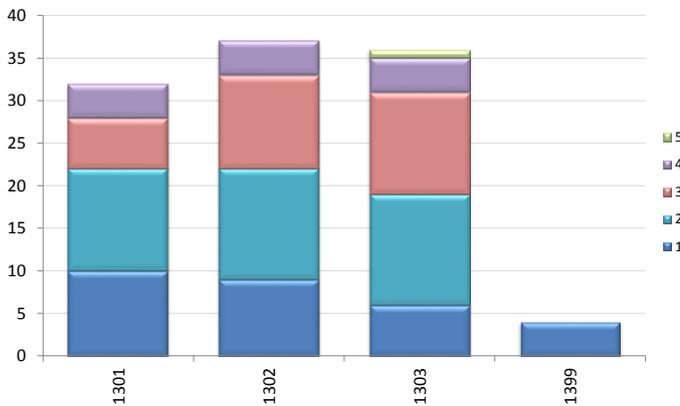
| | |
|-----------|---------------------------------|
| 13 | Education |
| 1301 | Education Systems |
| 1302 | Curriculum and Pedagogy |
| 1303 | Specialist Studies in Education |
| 1399 | Other Education |

| Social, Behavioural and Economic Sciences | | | | | | | |
|--|--------------------|-------------|----|----|------------------------|---|-------|
| 13 Education | | | | | | | |
| % assessed UoEs rated at or above world standard 39% | FTEs | 2,886 | | | Esteem count(s) | 60 | |
| | Research outputs | 16,669 | | | Patent(s) | - | |
| | Research income \$ | 144,517,609 | | | Res. comm. income (\$) | 1,853,031 | |
| | UoEs assessed | 109 | | | | Average National Rating 2.2 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 29 | 38 | 29 | 12 | 1 | 109 |

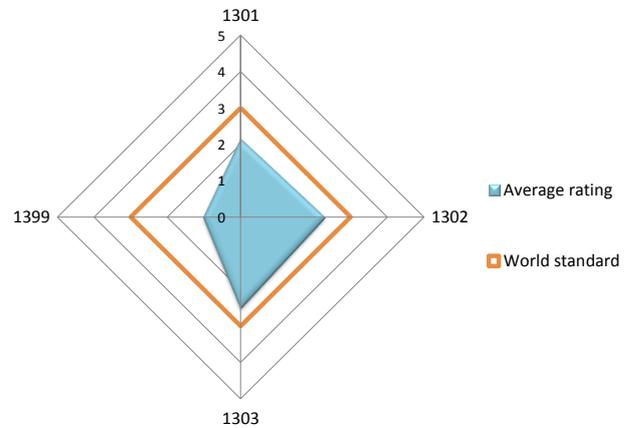
FoR overview

Education (13) accounted for approximately 5% of the national research outputs. The majority of these outputs were journal articles and conference papers. Research outputs increased 43% over the reference period. Education received approximately 1% of HERDC Category 1 research income for the reference period. Thirty-nine (39) UoEs were assessed at the two-digit FoR code level, and 109 at the four-digit FoR code level. Thirty-nine per cent (39%) of assessed UoEs in Education received a rating at or above world standard. The largest FoR codes were Specialist Studies in Education (1303; 7,377 outputs) and Curriculum and Pedagogy (1302; 5,739 outputs).

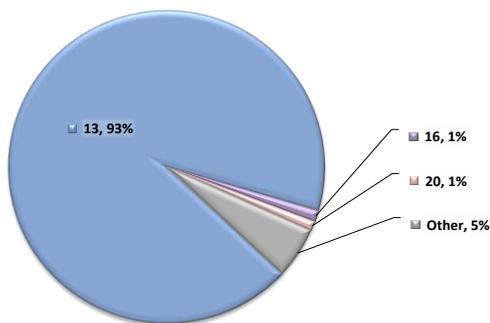
Number of UoEs per rating scale score



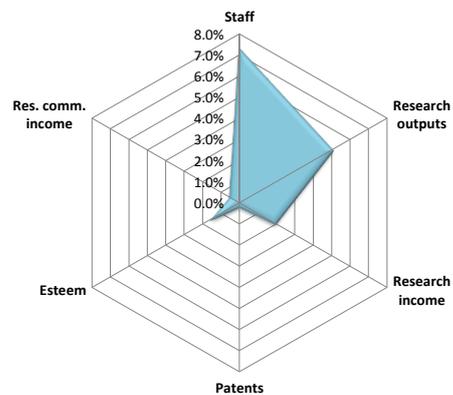
Four-digit FoR ratings



Disciplinary profile

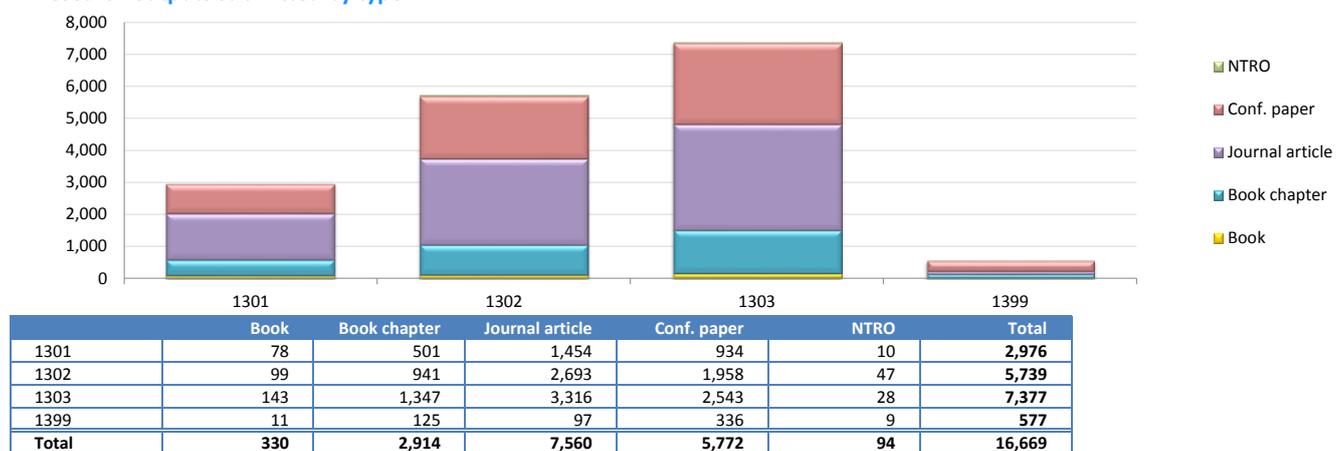


Contribution to national landscape (%)



Section 2 - Results by FoR Code

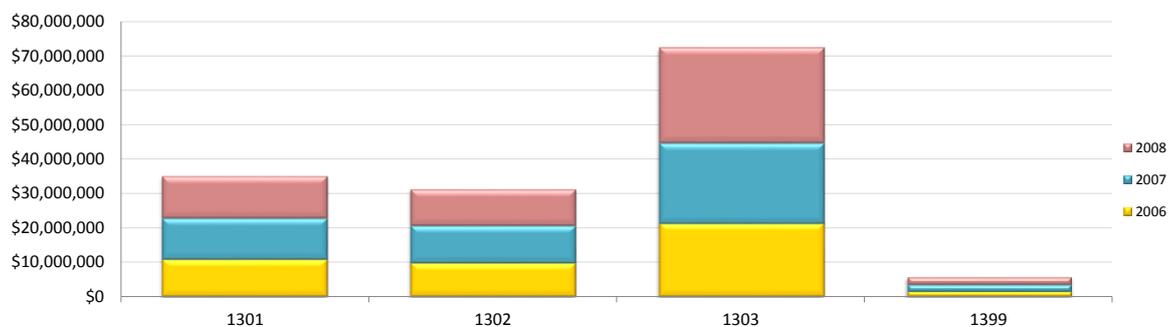
Research outputs submitted by type



Staffing profile by academic level

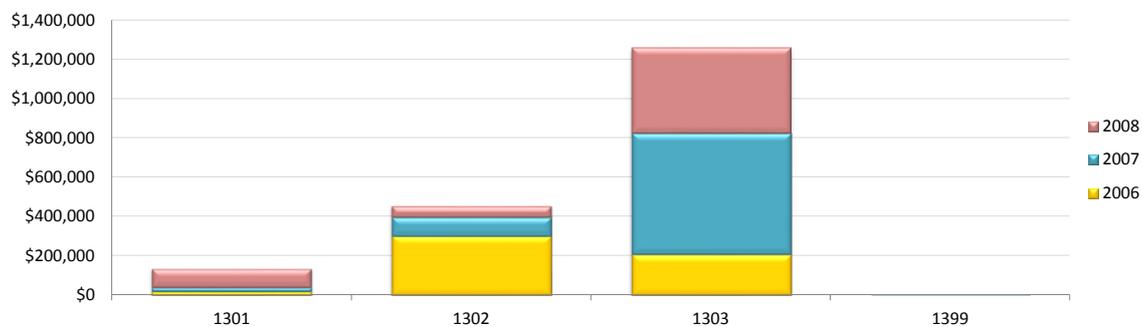


Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 1301 | \$10,839,301 | \$12,088,513 | \$12,175,153 | \$35,102,967 |
| 1302 | \$9,778,548 | \$10,949,343 | \$10,580,459 | \$31,308,351 |
| 1303 | \$21,235,467 | \$23,429,864 | \$27,629,169 | \$72,294,500 |
| 1399 | \$1,495,028 | \$2,061,950 | \$2,254,812 | \$5,811,791 |
| Total | \$43,348,345 | \$48,529,670 | \$52,639,594 | \$144,517,609 |

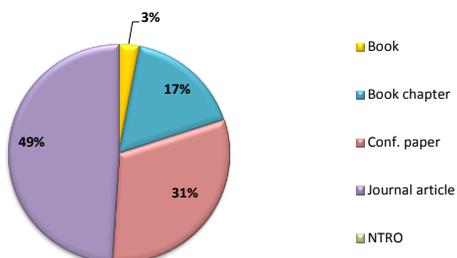
Research commercialisation income (\$)



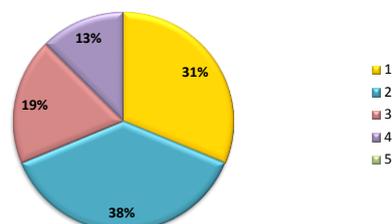
| | 2006 | 2007 | 2008 | Total |
|--------------|------------------|------------------|------------------|--------------------|
| 1301 | \$19,495 | \$21,932 | \$96,129 | \$137,555 |
| 1302 | \$298,873 | \$99,132 | \$59,483 | \$457,488 |
| 1303 | \$207,357 | \$613,469 | \$435,803 | \$1,256,630 |
| 1399 | \$936 | \$421 | \$0 | \$1,357 |
| Total | \$526,661 | \$734,954 | \$591,415 | \$1,853,031 |

| 1301 Education Systems | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 31% | FTEs | 475 | Esteem count(s) | | | | 13 | Average National Rating 2.1 |
| | Research outputs | 2,976 | Patent(s) | | | | - | |
| | Research income \$ | 35,102,967 | Res. comm. income (\$) | | | | 137,555 | |
| | UoEs assessed | 32 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 10 | 12 | 6 | 4 | 0 | 32 | |

Research outputs by type

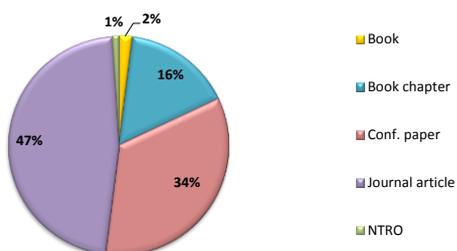


FoR rating distribution

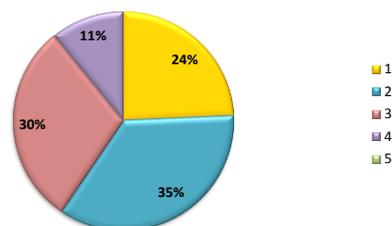


| 1302 Curriculum and Pedagogy | | | | | | | | |
|--|--------------------|------------|------------------------|----|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 41% | FTEs | 912 | Esteem count(s) | | | | 17 | Average National Rating 2.3 |
| | Research outputs | 5,739 | Patent(s) | | | | - | |
| | Research income \$ | 31,308,351 | Res. comm. income (\$) | | | | 457,488 | |
| | UoEs assessed | 37 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 9 | 13 | 11 | 4 | 0 | 37 | |

Research outputs by type

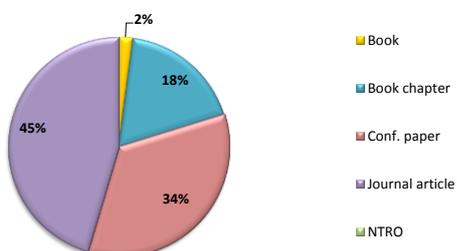


FoR rating distribution

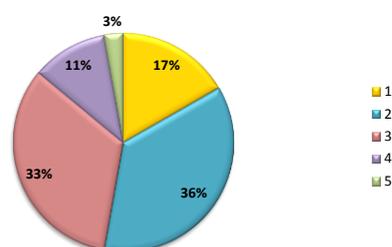


| 1303 Specialist Studies In Education | | | | | | | | |
|--|--------------------|------------|------------------------|----|---|---|-----------|---------------------------------------|
| % assessed UoEs rated at or above world standard 47% | FTEs | 1,018 | Esteem count(s) | | | | 23 | Average National Rating 2.5 |
| | Research outputs | 7,377 | Patent(s) | | | | - | |
| | Research income \$ | 72,294,500 | Res. comm. income (\$) | | | | 1,256,630 | |
| | UoEs assessed | 36 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 6 | 13 | 12 | 4 | 1 | 36 | |

Research outputs by type

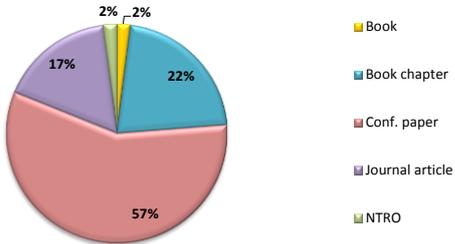


FoR rating distribution

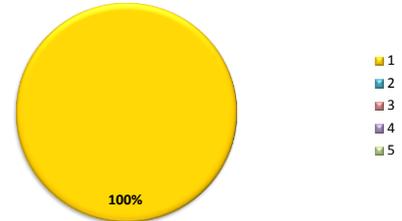


| 1399 Other Education | | | | | | | | |
|---|--------------------|-----------|---|---|------------------------|-------|-------|---|
| % assessed UoEs rated at or above world standard 0% | FTEs | 482 | | | Esteem count(s) | 7 | | Average National Rating 1.0 |
| | Research outputs | 577 | | | Patent(s) | - | | |
| | Research income \$ | 5,811,791 | | | Res. comm. income (\$) | 1,357 | | |
| | UoEs assessed | 4 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 4 | 0 | 0 | 0 | 0 | 4 | |

Research outputs by type



FoR rating distribution



14 ECONOMICS

Economics comprises these four-digit codes:

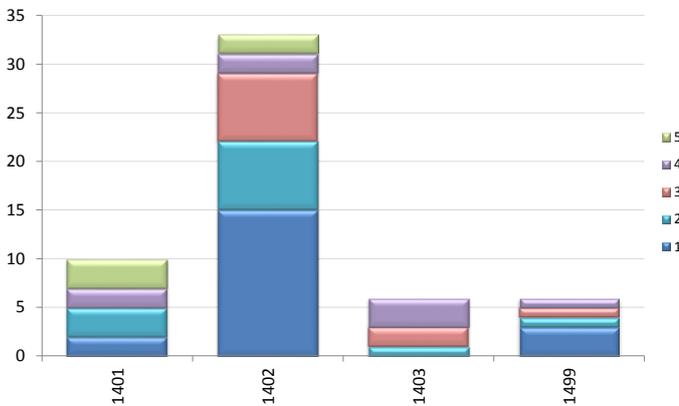
| | |
|-----------|-------------------|
| 14 | Economics |
| 1401 | Economic Theory |
| 1402 | Applied Economics |
| 1403 | Econometrics |
| 1499 | Other Economics |

| Social, Behavioural and Economic Sciences | | | | | | | | |
|--|--------------------|-------------|----|----|------------------------|---|---------|---|
| 14 Economics | | | | | | | | |
| % assessed UoEs rated at or above world standard 42% | FTEs | 1,031 | | | Esteem count(s) | | 104 | Average National Rating 2.4 |
| | Research outputs | 6,897 | | | Patent(s) | | - | |
| | Research income \$ | 137,602,241 | | | Res. comm. income (\$) | | 175,041 | |
| | UoEs assessed | 55 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 20 | 12 | 10 | 8 | 5 | 55 | |

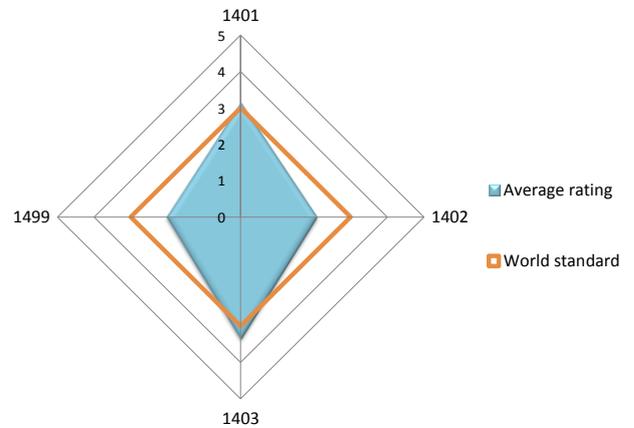
FoR overview

Economics (14) accounted for approximately 2% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 25% over the reference period. Economics received approximately 2% of HERDC Category 1 research income for the reference period. Thirty-five (35) UoEs were assessed at the two-digit FoR code level, and 55 at the four-digit FoR code level. Forty-two per cent (42%) of assessed UoEs in Economics received a rating at or above world standard. The largest FoR code was Applied Economics (1402; 5,244 outputs).

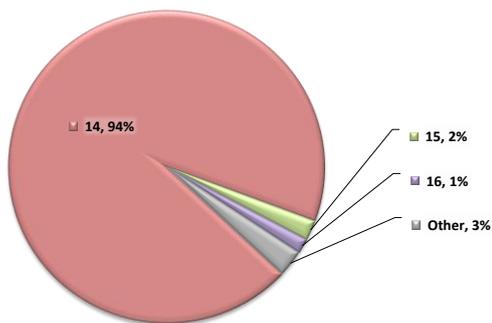
Number of UoEs per rating scale score



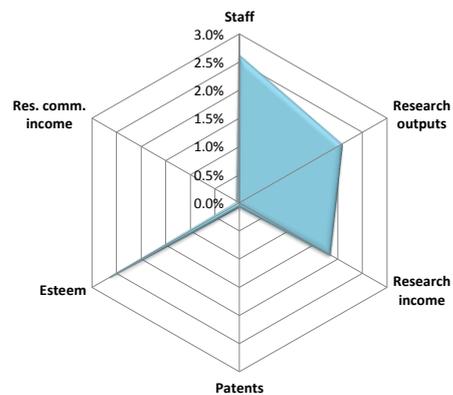
Four-digit FoR ratings



Disciplinary profile

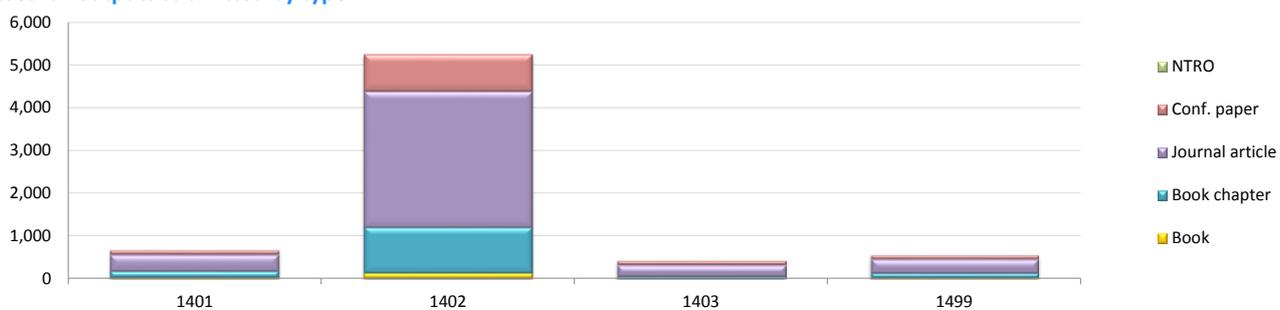


Contribution to national landscape (%)



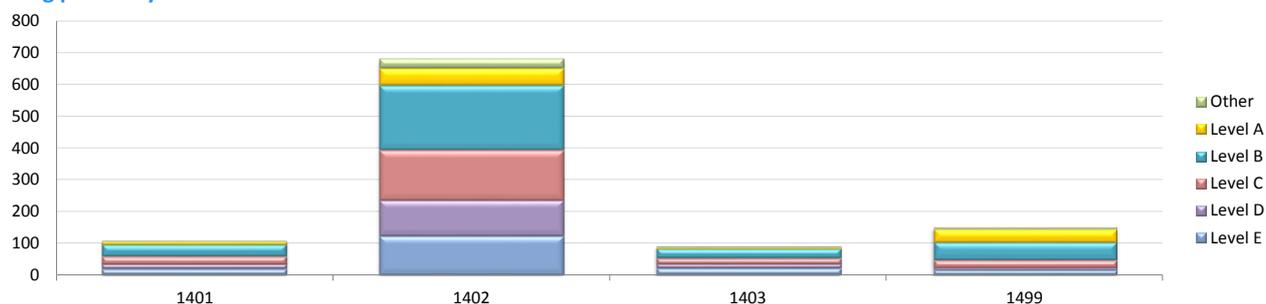
Section 2 - Results by FoR Code

Research outputs submitted by type



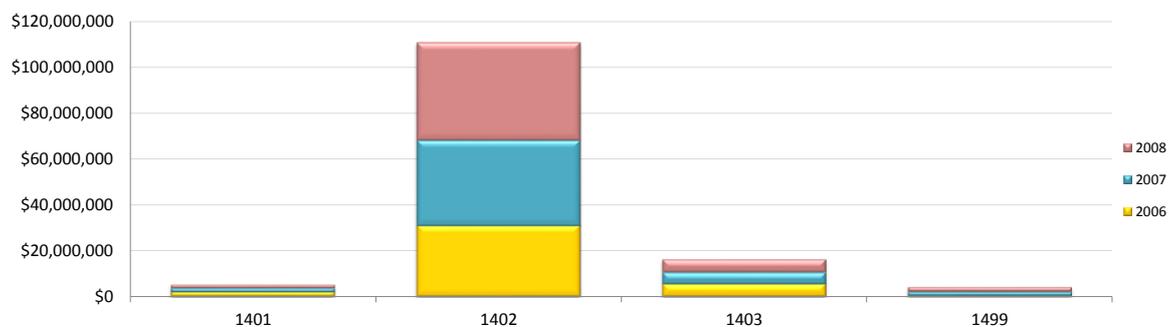
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|--------------|----------|--------------|
| 1401 | 19 | 164 | 390 | 99 | - | 673 |
| 1402 | 127 | 1,072 | 3,177 | 867 | - | 5,244 |
| 1403 | 5 | 55 | 271 | 94 | - | 425 |
| 1499 | 15 | 121 | 331 | 89 | - | 556 |
| Total | 167 | 1,412 | 4,170 | 1,148 | 0 | 6,897 |

Staffing profile by academic level



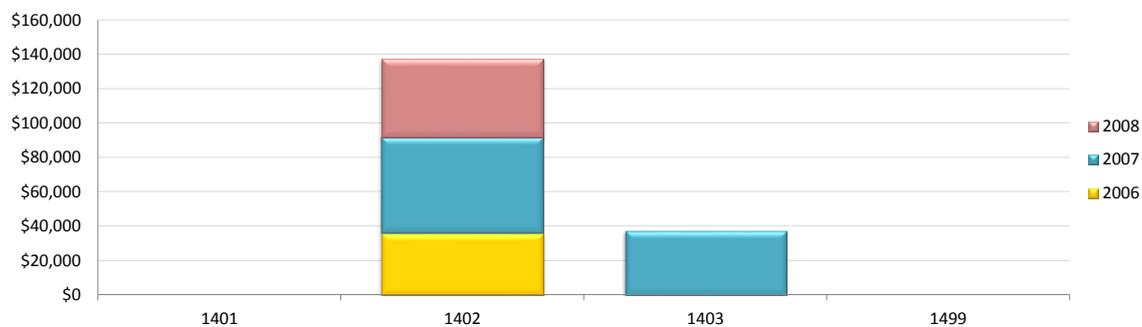
| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|-----------|--------------|
| 1401 | 19 | 16 | 25 | 37 | 10 | 3 | 109 |
| 1402 | 122 | 113 | 158 | 202 | 53 | 30 | 679 |
| 1403 | 21 | 14 | 19 | 29 | 5 | 3 | 92 |
| 1499 | 15 | 8 | 24 | 56 | 42 | 5 | 151 |
| Total | 177 | 151 | 227 | 325 | 110 | 41 | 1,031 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 1401 | \$2,234,959 | \$1,771,918 | \$1,542,762 | \$5,549,639 |
| 1402 | \$31,054,004 | \$37,261,044 | \$42,576,185 | \$110,891,233 |
| 1403 | \$5,774,607 | \$5,221,549 | \$5,646,913 | \$16,643,069 |
| 1499 | \$745,689 | \$1,680,208 | \$2,092,403 | \$4,518,300 |
| Total | \$39,809,259 | \$45,934,719 | \$51,858,263 | \$137,602,241 |

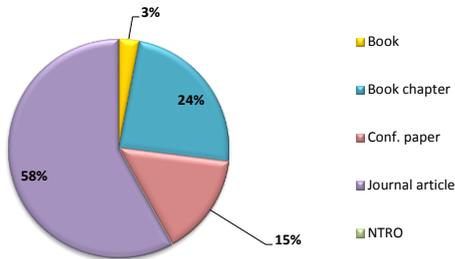
Research commercialisation income (\$)



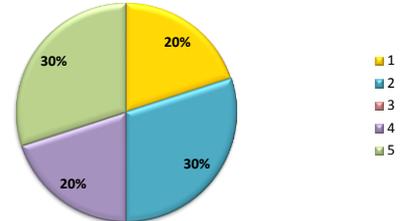
| | 2006 | 2007 | 2008 | Total |
|--------------|-----------------|-----------------|-----------------|------------------|
| 1401 | \$0 | \$0 | \$0 | \$0 |
| 1402 | \$35,826 | \$55,536 | \$46,131 | \$137,494 |
| 1403 | \$0 | \$37,547 | \$0 | \$37,547 |
| 1499 | \$0 | \$0 | \$0 | \$0 |
| Total | \$35,826 | \$93,083 | \$46,131 | \$175,041 |

| 1401 Economic Theory | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 50% | FTEs | 109 | Esteem count(s) | | | | 13 | Average National Rating 3.1 |
| | Research outputs | 673 | Patent(s) | | | | - | |
| | Research income \$ | 5,549,639 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 10 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 3 | 0 | 2 | 3 | 10 | |

Research outputs by type

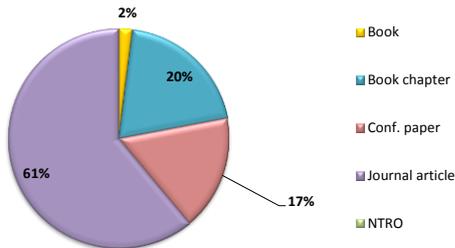


FoR rating distribution

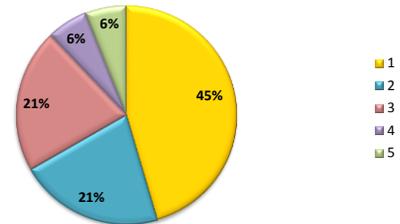


| 1402 Applied Economics | | | | | | | | |
|--|--------------------|-------------|------------------------|---|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 33% | FTEs | 679 | Esteem count(s) | | | | 71 | Average National Rating 2.1 |
| | Research outputs | 5,244 | Patent(s) | | | | - | |
| | Research income \$ | 110,891,233 | Res. comm. income (\$) | | | | 137,494 | |
| | UoEs assessed | 33 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 15 | 7 | 7 | 2 | 2 | 33 | |

Research outputs by type

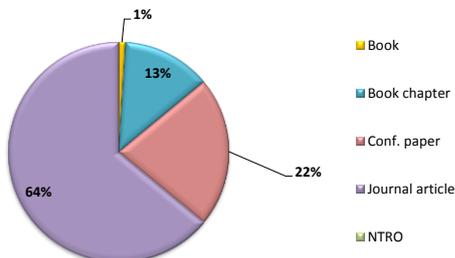


FoR rating distribution

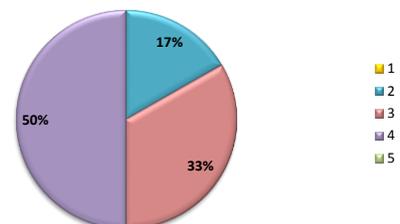


| 1403 Econometrics | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 83% | FTEs | 92 | Esteem count(s) | | | | 15 | Average National Rating 3.3 |
| | Research outputs | 425 | Patent(s) | | | | - | |
| | Research income \$ | 16,643,069 | Res. comm. income (\$) | | | | 37,547 | |
| | UoEs assessed | 6 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 2 | 3 | 0 | 6 | |

Research outputs by type

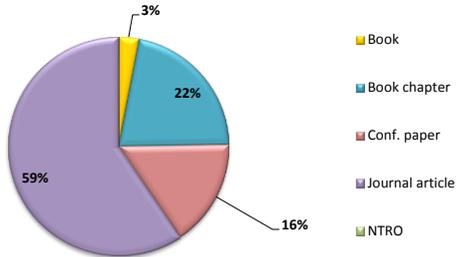


FoR rating distribution

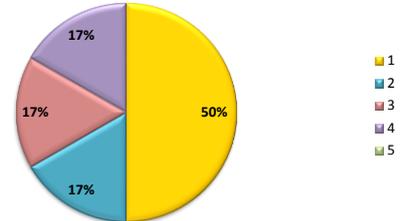


| 1499 Other Economics | | | | | | | |
|----------------------|--------------------|-----------|---|------------------------|---|--|-------|
| 33% | FTEs | 151 | | Esteem count(s) | | 6 | |
| | Research outputs | 556 | | Patent(s) | | - | |
| | Research income \$ | 4,518,300 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 6 | | | | Average National Rating 2.0 | |
| | | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 3 | 1 | 1 | 1 | 0 | 6 |

Research outputs by type



FoR rating distribution



15 COMMERCE, MANAGEMENT, TOURISM AND SERVICES

Commerce, Management, Tourism and Services comprises these four-digit codes:

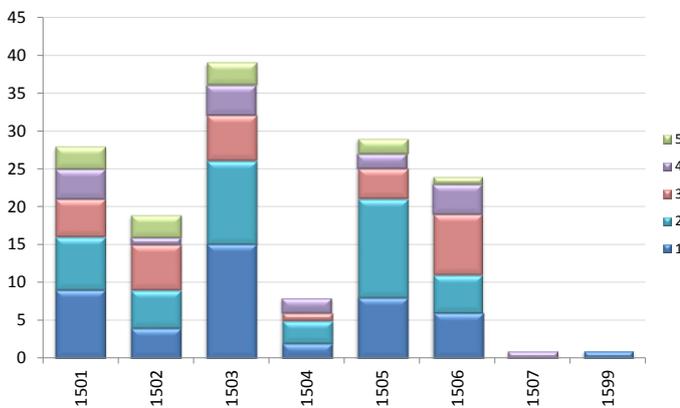
| | |
|-----------|---|
| 15 | Commerce, Management, Tourism and Services |
| 1501 | Accounting, Auditing and Accountability |
| 1502 | Banking, Finance and Investment |
| 1503 | Business and Management |
| 1504 | Commercial Services |
| 1505 | Marketing |
| 1506 | Tourism |
| 1507 | Transportation and Freight Services |
| 1599 | Other Commerce, Management, Tourism and Services |

| Social, Behavioural and Economic Sciences | | | | | | | |
|--|--------------------|-------------|----|----|------------------------|---|-------|
| 15 Commerce, Management, Tourism and Services | | | | | | | |
| % assessed UoEs rated at or above world standard 40% | FTEs | 3,137 | | | Esteem count(s) | 75 | |
| | Research outputs | 20,612 | | | Patent(s) | - | |
| | Research income \$ | 116,227,222 | | | Res. comm. income (\$) | 84,580 | |
| | UoEs assessed | 149 | | | | Average National Rating 2.4 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 45 | 44 | 30 | 18 | 12 | 149 |

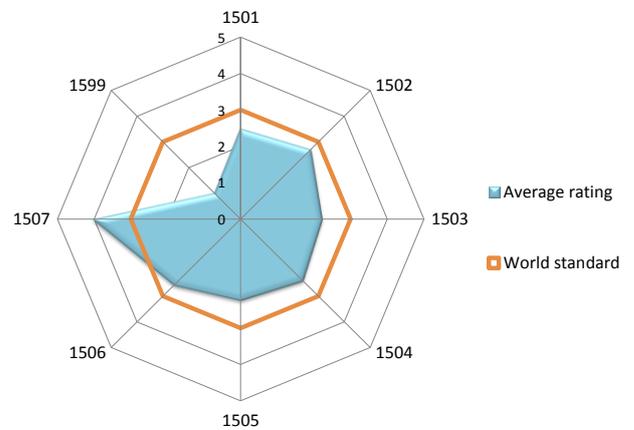
FoR overview

Commerce, Management, Tourism and Services (15) accounted for approximately 6% of the national research outputs. The majority of these outputs were journal articles and conference publications. Research outputs increased 43% over the reference period. Commerce, Management, Tourism and Services received approximately 1% of HERDC Category 1 research income for the reference period. Thirty-nine (39) UoEs were assessed at the two-digit FoR code level, and 149 at the four-digit FoR code level. Forty per cent (40%) of assessed UoEs in Commerce, Management, Tourism and Services received a rating at or above world standard. The largest FoR code was Business and Management (1503; 9,537 outputs).

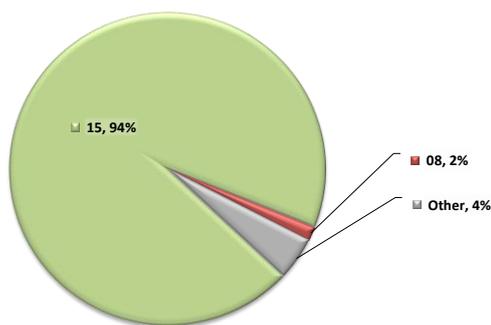
Number of UoEs per rating scale score



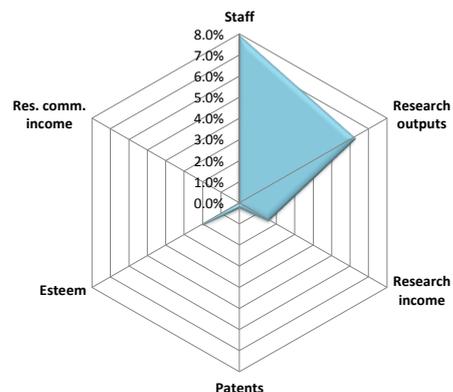
Four-digit FoR ratings



Disciplinary profile

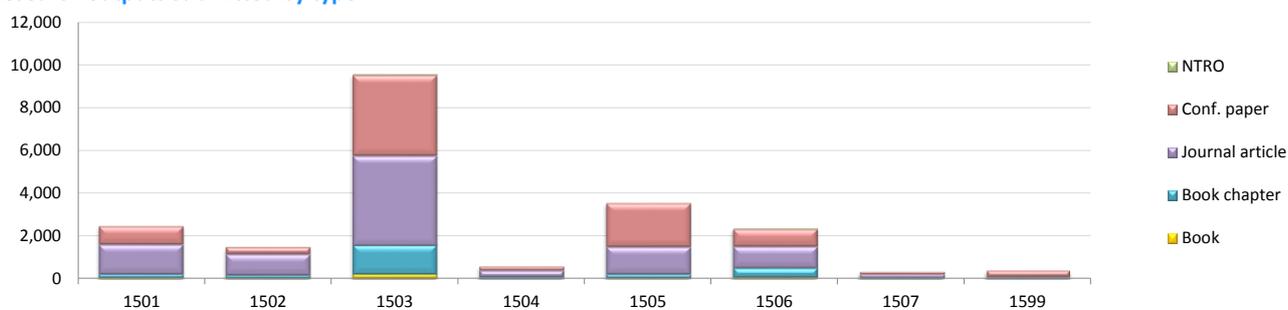


Contribution to national landscape (%)



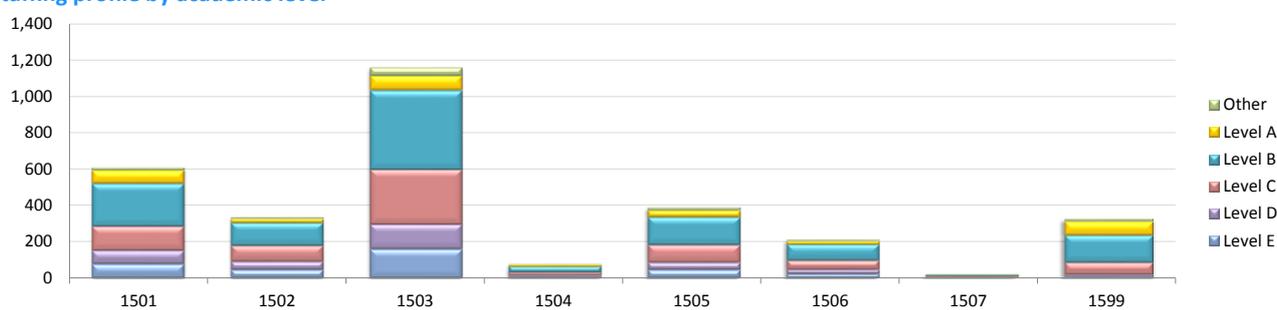
Section 2 - Results by FoR Code

Research outputs submitted by type



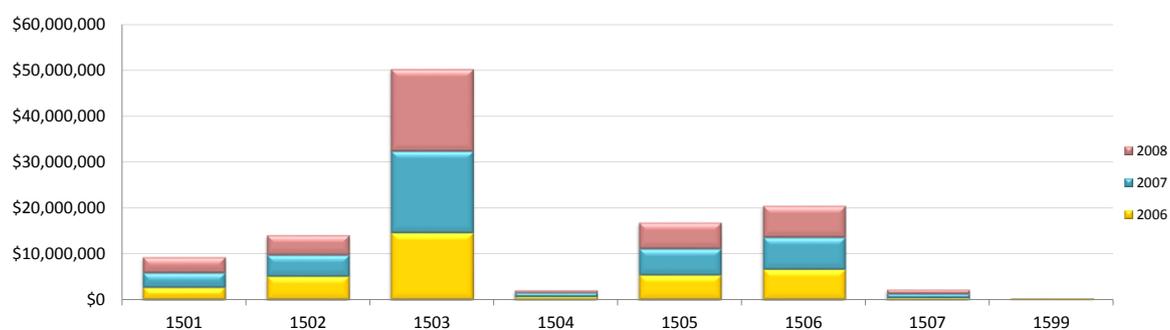
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|--------------|------------|---------------|
| 1501 | 39 | 165 | 1,386 | 860 | 3 | 2,454 |
| 1502 | 27 | 136 | 977 | 337 | 5 | 1,482 |
| 1503 | 198 | 1,336 | 4,196 | 3,765 | 42 | 9,537 |
| 1504 | 12 | 57 | 312 | 181 | 8 | 570 |
| 1505 | 25 | 179 | 1,282 | 2,032 | 7 | 3,525 |
| 1506 | 50 | 446 | 1,004 | 813 | 39 | 2,352 |
| 1507 | 6 | 34 | 167 | 109 | 0 | 317 |
| 1599 | 7 | 47 | 35 | 286 | 0 | 375 |
| Total | 364 | 2,401 | 9,360 | 8,384 | 104 | 20,612 |

Staffing profile by academic level



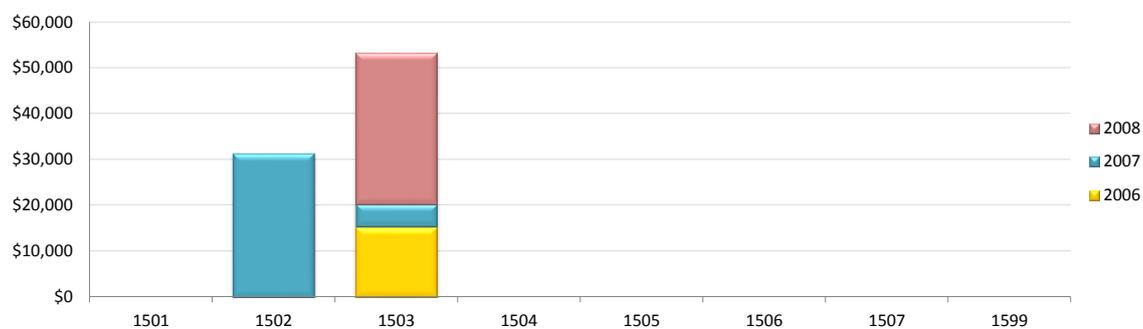
| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|--------------|------------|------------|--------------|
| 1501 | 77 | 74 | 134 | 238 | 72 | 14 | 609 |
| 1502 | 46 | 44 | 89 | 127 | 23 | 7 | 336 |
| 1503 | 158 | 136 | 303 | 436 | 80 | 47 | 1,160 |
| 1504 | 6 | 9 | 17 | 35 | 11 | 3 | 80 |
| 1505 | 45 | 40 | 97 | 155 | 38 | 15 | 390 |
| 1506 | 23 | 24 | 52 | 90 | 18 | 6 | 212 |
| 1507 | 1 | 3 | 7 | 9 | 3 | 1 | 23 |
| 1599 | 9 | 9 | 68 | 151 | 77 | 13 | 327 |
| Total | 365 | 340 | 766 | 1,241 | 319 | 106 | 3,137 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 1501 | \$2,708,129 | \$3,273,268 | \$3,411,562 | \$9,392,959 |
| 1502 | \$5,161,496 | \$4,657,700 | \$4,356,274 | \$14,175,470 |
| 1503 | \$14,584,361 | \$17,731,408 | \$17,910,243 | \$50,226,012 |
| 1504 | \$717,098 | \$951,565 | \$557,407 | \$2,226,070 |
| 1505 | \$5,413,021 | \$5,793,281 | \$5,690,771 | \$16,897,073 |
| 1506 | \$6,654,354 | \$6,998,591 | \$6,869,158 | \$20,522,102 |
| 1507 | \$516,315 | \$893,339 | \$947,146 | \$2,356,799 |
| 1599 | \$350,521 | \$14,510 | \$65,706 | \$430,736 |
| Total | \$36,105,295 | \$40,313,661 | \$39,808,266 | \$116,227,222 |

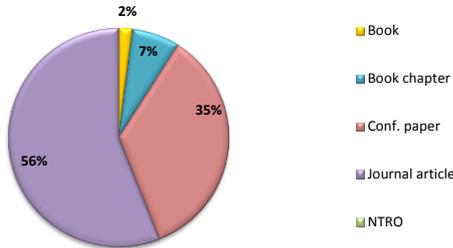
Research commercialisation income (\$)



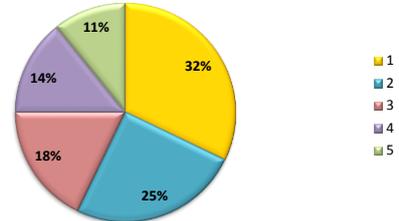
| | 2006 | 2007 | 2008 | Total |
|--------------|-----------------|-----------------|-----------------|-----------------|
| 1501 | \$0 | \$0 | \$0 | \$0 |
| 1502 | \$0 | \$31,244 | \$0 | \$31,244 |
| 1503 | \$15,230 | \$5,036 | \$33,070 | \$53,335 |
| 1504 | \$0 | \$0 | \$0 | \$0 |
| 1505 | \$0 | \$0 | \$0 | \$0 |
| 1506 | \$0 | \$0 | \$0 | \$0 |
| 1507 | \$0 | \$0 | \$0 | \$0 |
| 1599 | \$0 | \$0 | \$0 | \$0 |
| Total | \$15,230 | \$36,280 | \$33,070 | \$84,580 |

| 1501 Accounting, Auditing and Accountability | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 43% | FTEs | 609 | Esteem count(s) | | | | 9 | Average National Rating 2.5 |
| | Research outputs | 2,454 | Patent(s) | | | | - | |
| | Research income \$ | 9,392,959 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 28 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 9 | 7 | 5 | 4 | 3 | 28 | |

Research outputs by type

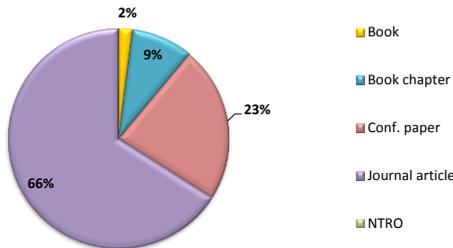


FoR rating distribution

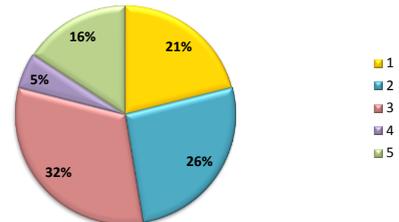


| 1502 Banking, Finance and Investment | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 53% | FTEs | 336 | Esteem count(s) | | | | 10 | Average National Rating 2.7 |
| | Research outputs | 1,482 | Patent(s) | | | | - | |
| | Research income \$ | 14,175,470 | Res. comm. income (\$) | | | | 31,244 | |
| | UoEs assessed | 19 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 4 | 5 | 6 | 1 | 3 | 19 | |

Research outputs by type

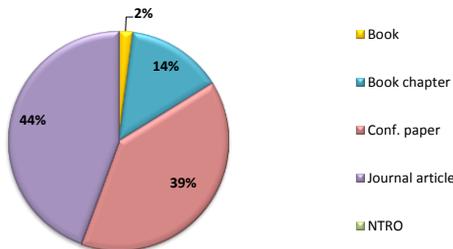


FoR rating distribution

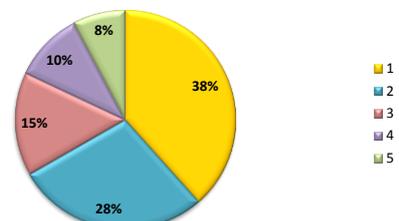


| 1503 Business and Management | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 33% | FTEs | 1,160 | Esteem count(s) | | | | 49 | Average National Rating 2.2 |
| | Research outputs | 9,537 | Patent(s) | | | | - | |
| | Research income \$ | 50,226,012 | Res. comm. income (\$) | | | | 53,335 | |
| | UoEs assessed | 39 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 15 | 11 | 6 | 4 | 3 | 39 | |

Research outputs by type

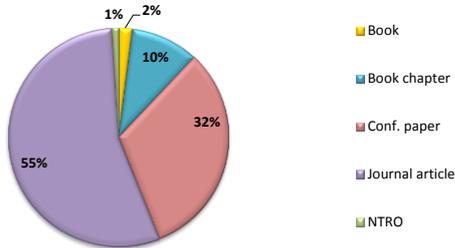


FoR rating distribution

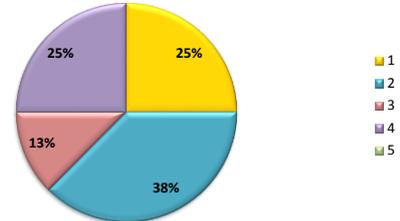


| 1504 Commercial Services | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 38% | FTEs | 80 | Esteem count(s) | | | | 1 | Average National Rating 2.4 |
| | Research outputs | 570 | Patent(s) | | | | - | |
| | Research income \$ | 2,226,070 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 3 | 1 | 2 | 0 | 8 | |

Research outputs by type

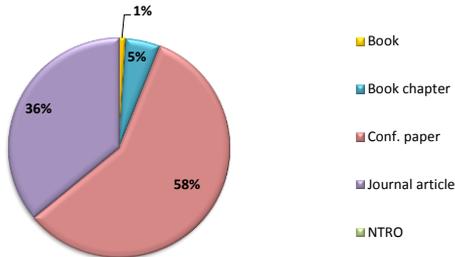


FoR rating distribution

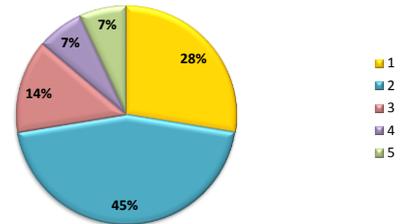


| 1505 Marketing | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 28% | FTEs | 390 | Esteem count(s) | | | | 3 | Average National Rating 2.2 |
| | Research outputs | 3,525 | Patent(s) | | | | - | |
| | Research income \$ | 16,897,073 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 29 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 8 | 13 | 4 | 2 | 2 | 29 | |

Research outputs by type

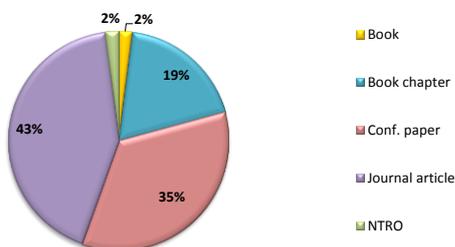


FoR rating distribution

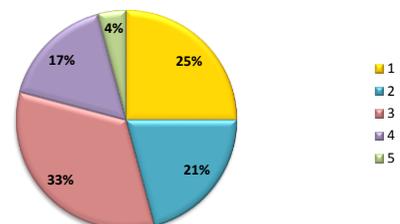


| 1506 Tourism | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 54% | FTEs | 212 | Esteem count(s) | | | | 0 | Average National Rating 2.5 |
| | Research outputs | 2,352 | Patent(s) | | | | - | |
| | Research income \$ | 20,522,102 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 24 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 6 | 5 | 8 | 4 | 1 | 24 | |

Research outputs by type

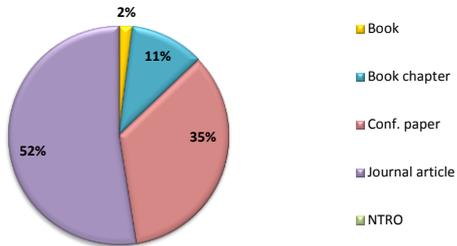


FoR rating distribution

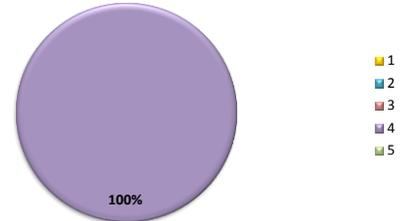


| 1507 Transportation and Freight Services | | | | | | | | |
|---|--------------------|-----------|---|------------------------|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 23 | | Esteem count(s) | | 2 | | Average National Rating 4.0 |
| | Research outputs | 317 | | Patent(s) | | - | | |
| | Research income \$ | 2,356,799 | | Res. comm. income (\$) | | 0 | | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 1 | 0 | 1 | |

Research outputs by type

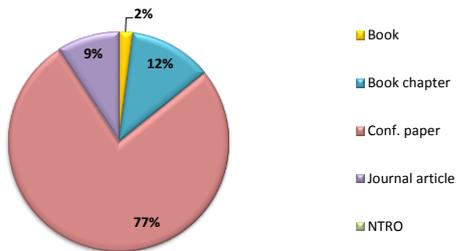


FoR rating distribution

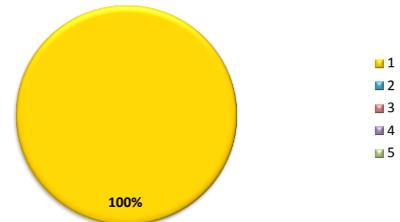


| 1599 Other Commerce, Management, Tourism and Services | | | | | | | | |
|---|--------------------|---------|---|------------------------|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 0% | FTEs | 327 | | Esteem count(s) | | 0 | | Average National Rating 1.0 |
| | Research outputs | 375 | | Patent(s) | | - | | |
| | Research income \$ | 430,736 | | Res. comm. income (\$) | | 0 | | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 0 | 0 | 0 | 0 | 1 | |

Research outputs by type



FoR rating distribution



16 STUDIES IN HUMAN SOCIETY

Studies in Human Society comprises these four-digit codes:

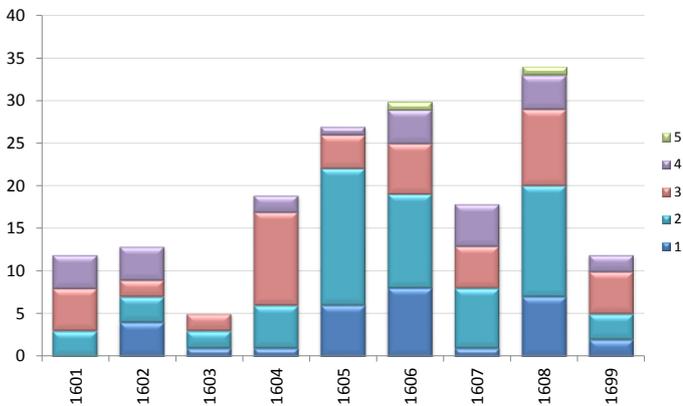
| | |
|-----------|---------------------------------|
| 16 | Studies in Human Society |
| 1601 | Anthropology |
| 1602 | Criminology |
| 1603 | Demography |
| 1604 | Human Geography |
| 1605 | Policy and Administration |
| 1606 | Political Science |
| 1607 | Social Work |
| 1608 | Sociology |
| 1699 | Other Studies in Human Society |

| Social, Behavioural and Economic Sciences | | | | | | | |
|--|--------------------|-------------|----|------------------------|--------|---|---|
| 16 Studies in Human Society | | | | | | | |
| % assessed UoEs rated at or above world standard 45% | FTEs | 2,200 | | Esteem count(s) | 275 | | Average National Rating 2.5 |
| | Research outputs | 16,480 | | Patent(s) | - | | |
| | Research income \$ | 239,244,308 | | Res. comm. income (\$) | 50,975 | | |
| | UoEs assessed | 170 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 30 | 63 | 49 | 26 | 2 | 170 |

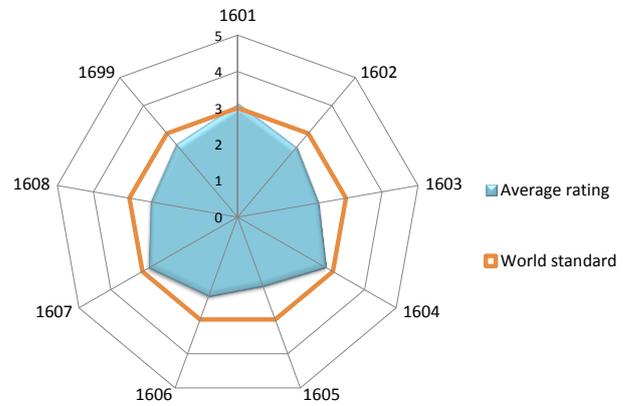
FoR overview

Studies in Human Society (16) accounted for approximately 5% of the national research outputs. The majority of these outputs were journal articles and book chapters. Research outputs increased 53% over the reference period. Studies in Human Society received approximately 3% of HERDC Category 1 research income for the reference period. Thirty-eight (38) UoEs were assessed at the two-digit FoR code level, and 170 at the four-digit FoR code level. Forty-five per cent (45%) of assessed UoEs in Studies in Human Society received a rating at or above world standard. The largest FoR codes were Political Science (1606; 4,300 outputs) and Sociology (1608; 3,537 outputs).

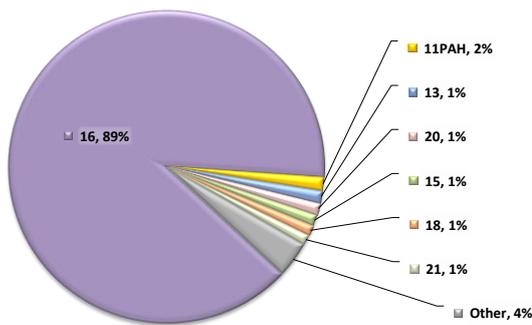
Number of UoEs per rating scale score



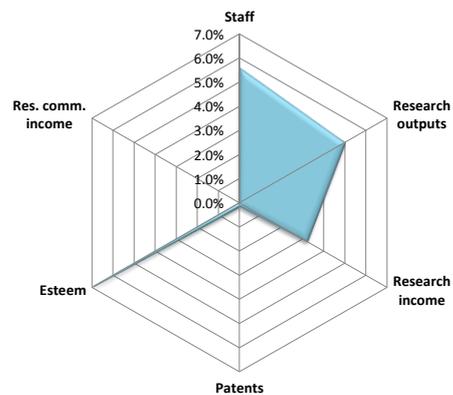
Four-digit FoR ratings



Disciplinary profile

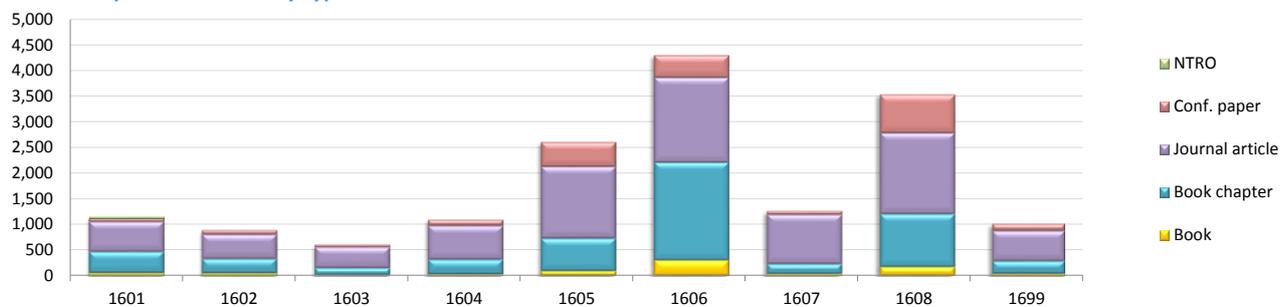


Contribution to national landscape (%)



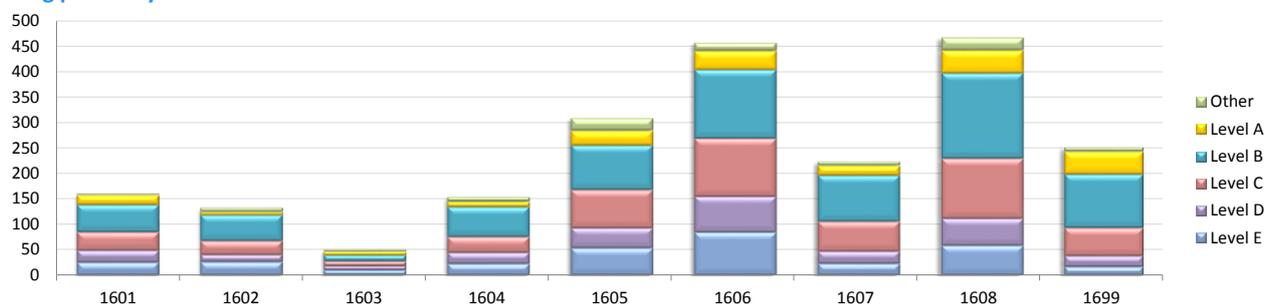
Section 2 - Results by FoR Code

Research outputs submitted by type



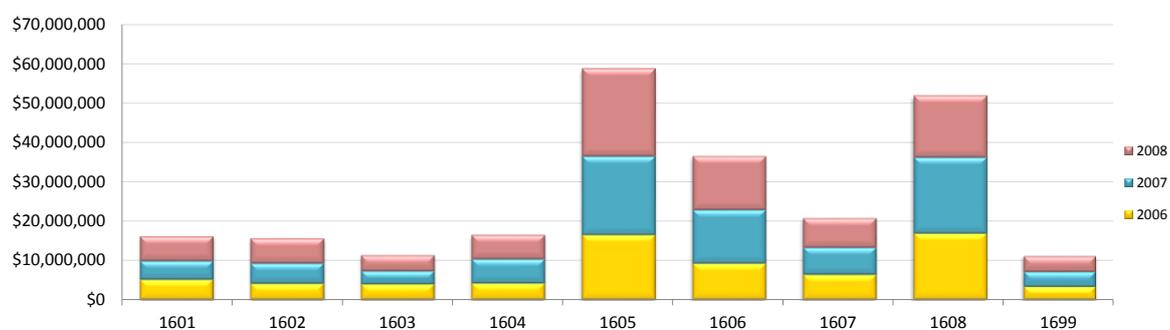
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|--------------|-----------|---------------|
| 1601 | 52 | 419 | 586 | 61 | 36 | 1,153 |
| 1602 | 49 | 281 | 476 | 86 | - | 892 |
| 1603 | 14 | 140 | 409 | 45 | - | 608 |
| 1604 | 29 | 286 | 661 | 120 | - | 1,096 |
| 1605 | 94 | 633 | 1,402 | 485 | - | 2,613 |
| 1606 | 297 | 1,902 | 1,661 | 440 | - | 4,300 |
| 1607 | 35 | 198 | 961 | 72 | - | 1,265 |
| 1608 | 170 | 1,033 | 1,582 | 753 | - | 3,537 |
| 1699 | 40 | 245 | 591 | 139 | - | 1,016 |
| Total | 779 | 5,136 | 8,328 | 2,200 | 36 | 16,479 |

Staffing profile by academic level



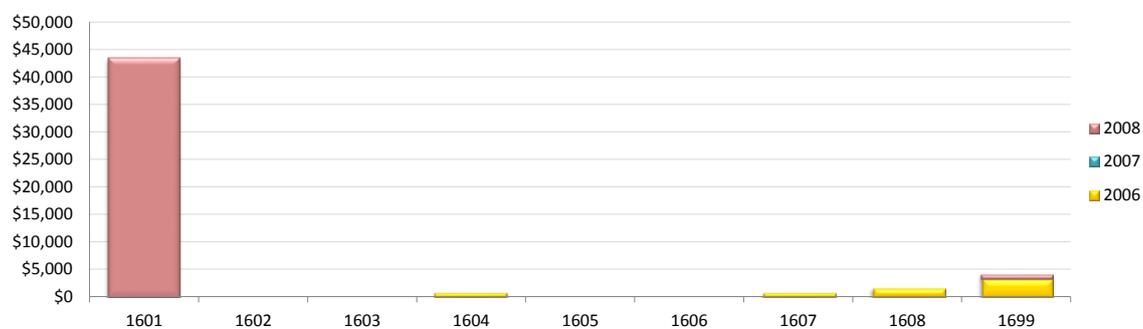
| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|-----------|--------------|
| 1601 | 25 | 24 | 36 | 54 | 19 | 2 | 160 |
| 1602 | 26 | 15 | 27 | 51 | 6 | 7 | 132 |
| 1603 | 10 | 8 | 10 | 12 | 6 | 4 | 50 |
| 1604 | 22 | 23 | 31 | 59 | 10 | 8 | 154 |
| 1605 | 53 | 40 | 75 | 87 | 29 | 24 | 308 |
| 1606 | 84 | 71 | 114 | 135 | 37 | 15 | 456 |
| 1607 | 23 | 25 | 59 | 91 | 19 | 7 | 223 |
| 1608 | 58 | 53 | 118 | 167 | 45 | 25 | 466 |
| 1699 | 17 | 22 | 55 | 105 | 45 | 7 | 251 |
| Total | 318 | 280 | 526 | 761 | 215 | 99 | 2,200 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 1601 | \$5,164,986 | \$4,807,566 | \$6,274,922 | \$16,247,474 |
| 1602 | \$4,173,259 | \$5,215,846 | \$6,342,241 | \$15,731,346 |
| 1603 | \$4,010,190 | \$3,429,972 | \$4,038,476 | \$11,478,638 |
| 1604 | \$4,261,710 | \$6,195,842 | \$6,142,294 | \$16,599,845 |
| 1605 | \$16,417,616 | \$19,998,056 | \$22,305,991 | \$58,721,663 |
| 1606 | \$9,257,553 | \$13,607,240 | \$13,658,718 | \$36,523,512 |
| 1607 | \$6,399,503 | \$7,000,209 | \$7,436,910 | \$20,836,622 |
| 1608 | \$16,821,305 | \$19,309,098 | \$15,713,030 | \$51,843,433 |
| 1699 | \$3,343,093 | \$3,916,245 | \$4,002,436 | \$11,261,774 |
| Total | \$69,849,216 | \$83,480,074 | \$85,915,018 | \$239,244,308 |

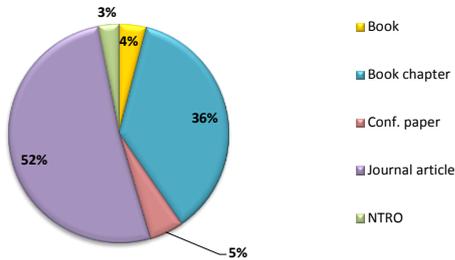
Research commercialisation income (\$)



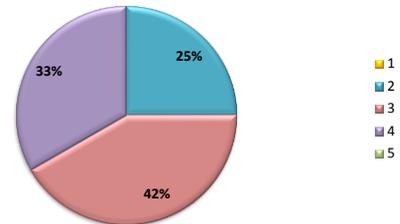
| | 2006 | 2007 | 2008 | Total |
|--------------|----------------|------------|-----------------|-----------------|
| 1601 | \$0 | \$0 | \$43,422 | \$43,422 |
| 1602 | \$0 | \$0 | \$0 | \$0 |
| 1603 | \$0 | \$0 | \$0 | \$0 |
| 1604 | \$822 | \$0 | \$0 | \$822 |
| 1605 | \$0 | \$0 | \$0 | \$0 |
| 1606 | \$0 | \$0 | \$0 | \$0 |
| 1607 | \$822 | \$0 | \$0 | \$822 |
| 1608 | \$1,644 | \$0 | \$0 | \$1,644 |
| 1699 | \$3,289 | \$0 | \$975 | \$4,264 |
| Total | \$6,577 | \$0 | \$44,398 | \$50,975 |

| 1601 Anthropology | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 75% | FTEs | 160 | Esteem count(s) | | | | 60 | Average National Rating 3.1 |
| | Research outputs | 1,153 | Patent(s) | | | | - | |
| | Research income \$ | 16,247,474 | Res. comm. income (\$) | | | | 43,422 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 3 | 5 | 4 | 0 | 12 | |

Research outputs by type

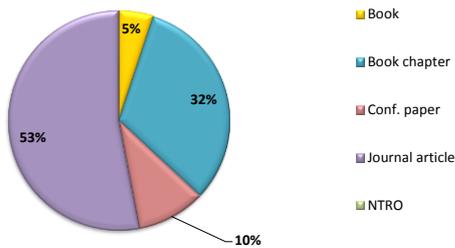


FoR rating distribution

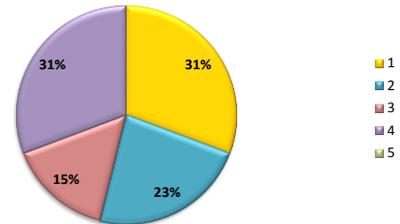


| 1602 Criminology | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 46% | FTEs | 132 | Esteem count(s) | | | | 20 | Average National Rating 2.5 |
| | Research outputs | 892 | Patent(s) | | | | - | |
| | Research income \$ | 15,731,346 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 13 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 4 | 3 | 2 | 4 | 0 | 13 | |

Research outputs by type

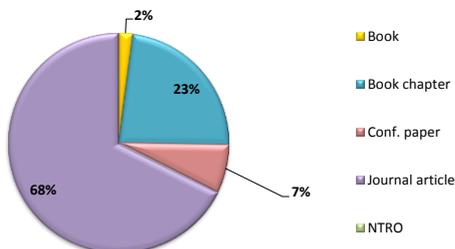


FoR rating distribution

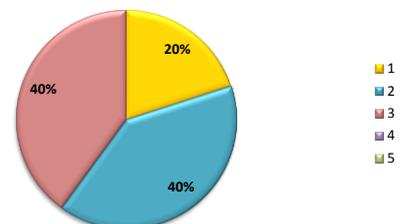


| 1603 Demography | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 40% | FTEs | 50 | Esteem count(s) | | | | 7 | Average National Rating 2.2 |
| | Research outputs | 608 | Patent(s) | | | | - | |
| | Research income \$ | 11,478,638 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 5 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 2 | 2 | 0 | 0 | 5 | |

Research outputs by type

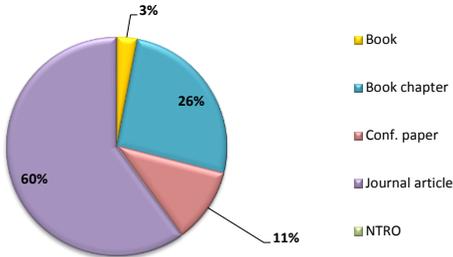


FoR rating distribution

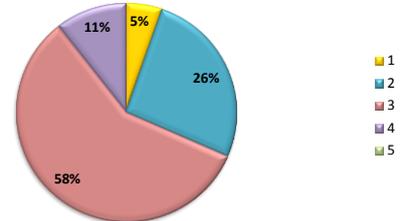


| 1604 Human Geography | | | | | | | | |
|--|--------------------|------------|------------------------|----|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 68% | FTEs | 154 | Esteem count(s) | | | | 20 | Average National Rating 2.7 |
| | Research outputs | 1,096 | Patent(s) | | | | - | |
| | Research income \$ | 16,599,845 | Res. comm. income (\$) | | | | 822 | |
| | UoEs assessed | 19 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 5 | 11 | 2 | 0 | 19 | |

Research outputs by type

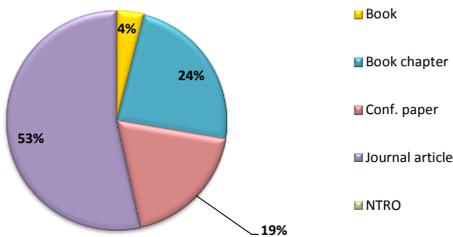


FoR rating distribution

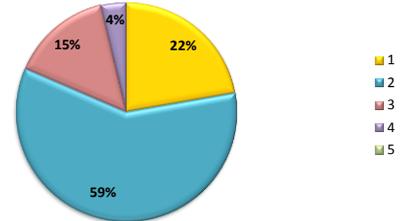


| 1605 Policy and Administration | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 19% | FTEs | 308 | Esteem count(s) | | | | 32 | Average National Rating 2.0 |
| | Research outputs | 2,613 | Patent(s) | | | | - | |
| | Research income \$ | 58,721,663 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 27 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 6 | 16 | 4 | 1 | 0 | 27 | |

Research outputs by type

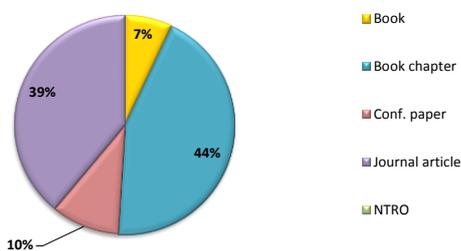


FoR rating distribution

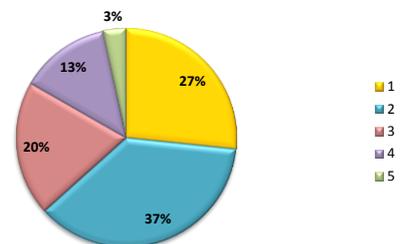


| 1606 Political Science | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 37% | FTEs | 456 | Esteem count(s) | | | | 55 | Average National Rating 2.3 |
| | Research outputs | 4,300 | Patent(s) | | | | - | |
| | Research income \$ | 36,523,512 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 30 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 8 | 11 | 6 | 4 | 1 | 30 | |

Research outputs by type

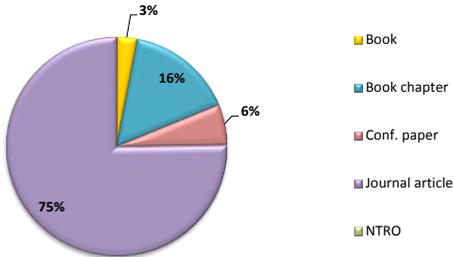


FoR rating distribution

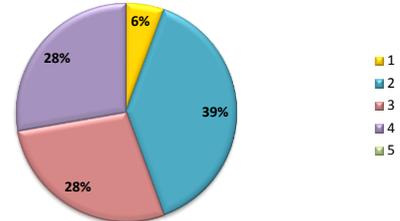


| 1607 Social Work | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 56% | FTEs | 223 | Esteem count(s) | | | | 13 | Average National Rating 2.8 |
| | Research outputs | 1,265 | Patent(s) | | | | - | |
| | Research income \$ | 20,836,622 | Res. comm. income (\$) | | | | 822 | |
| | UoEs assessed | 18 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 1 | 7 | 5 | 5 | 0 | 18 | |

Research outputs by type

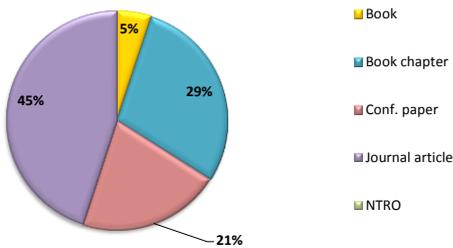


FoR rating distribution

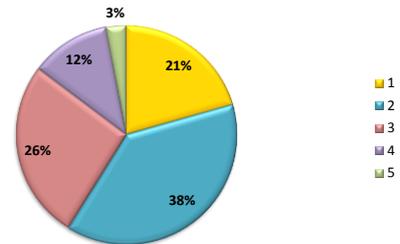


| 1608 Sociology | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 41% | FTEs | 466 | Esteem count(s) | | | | 50 | Average National Rating 2.4 |
| | Research outputs | 3,537 | Patent(s) | | | | - | |
| | Research income \$ | 51,843,433 | Res. comm. income (\$) | | | | 1,644 | |
| | UoEs assessed | 34 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 7 | 13 | 9 | 4 | 1 | 34 | |

Research outputs by type

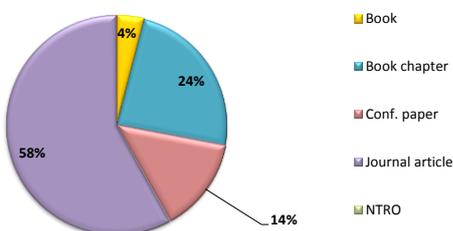


FoR rating distribution

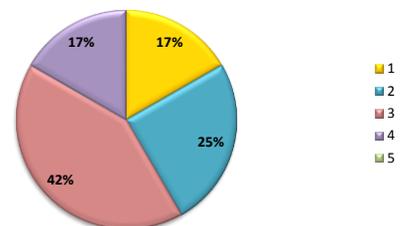


| 1699 Other Studies in Human Society | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 58% | FTEs | 251 | Esteem count(s) | | | | 18 | Average National Rating 2.6 |
| | Research outputs | 1,016 | Patent(s) | | | | - | |
| | Research income \$ | 11,261,774 | Res. comm. income (\$) | | | | 4,264 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 3 | 5 | 2 | 0 | 12 | |

Research outputs by type



FoR rating distribution



17 PSYCHOLOGY AND COGNITIVE SCIENCES

Psychology and Cognitive Sciences comprises these four-digit codes:

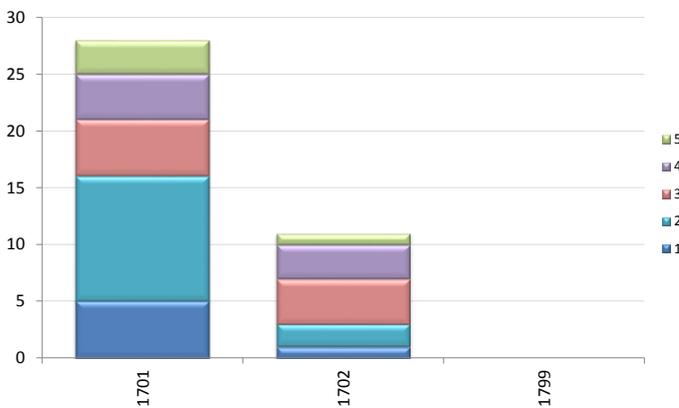
| | |
|-----------|--|
| 17 | Psychology and Cognitive Sciences |
| 1701 | Psychology |
| 1702 | Cognitive Sciences |
| 1799 | Other Psychology and Cognitive Sciences |

| Social, Behavioural and Economic Sciences | | | | | | | |
|--|--------------------|-------------|----|---|------------------------|-----------|---|
| 17 Psychology and Cognitive Sciences | | | | | | | |
| % assessed UoEs rated at or above world standard 51% | FTEs | 1,336 | | | Esteem count(s) | 143 | Average National Rating 2.7 |
| | Research outputs | 10,261 | | | Patent(s) | - | |
| | Research income \$ | 153,511,666 | | | Res. comm. income (\$) | 1,249,032 | |
| | UoEs assessed | 39 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 6 | 13 | 9 | 7 | 4 | 39 |

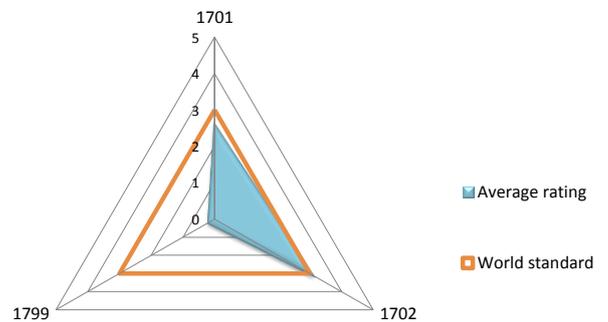
FoR overview

Psychology and Cognitive Sciences (17) accounted for approximately 3% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 52% over the reference period. Psychology and Cognitive Sciences received approximately 2% of HERDC Category 1 research income for the reference period. The disciplinary profile shows that Psychology and Cognitive Sciences shared a significant proportion of research outputs with Medical and Health Sciences (11) in BCH. Thirty-one (31) UoEs were assessed at the two-digit FoR code level, and 39 at the four-digit FoR code level. Fifty-one per cent (51%) of assessed UoEs in Psychology and Cognitive Sciences received a rating at or above world standard. The largest FoR code was Psychology (1701; 8,186 outputs).

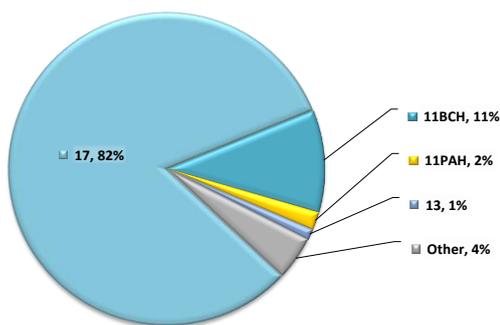
Number of UoEs per rating scale score



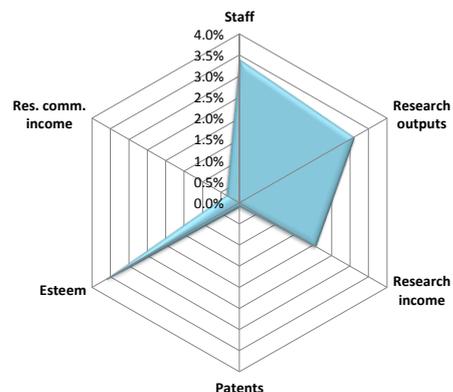
Four-digit FoR ratings



Disciplinary profile

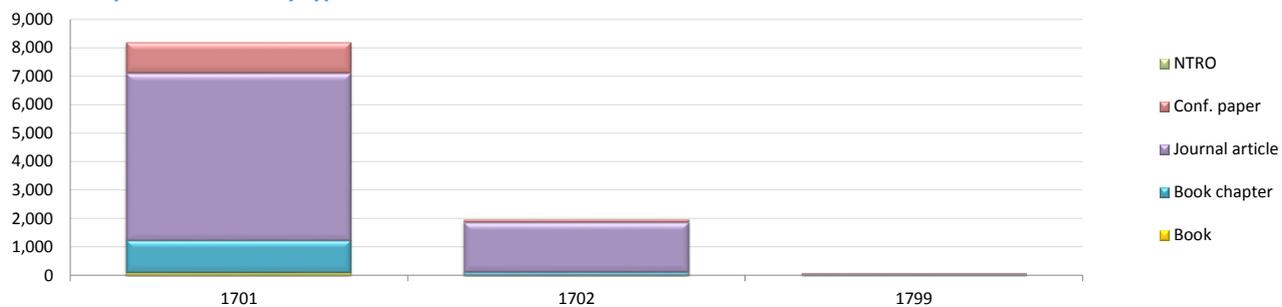


Contribution to national landscape (%)



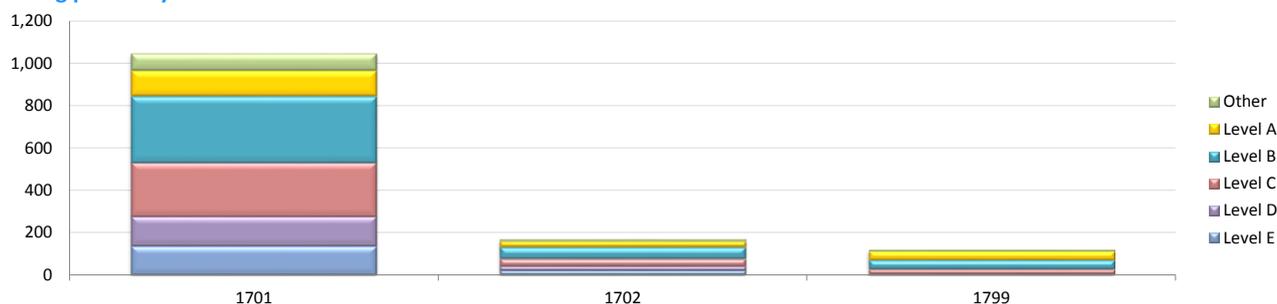
Section 2 - Results by FoR Code

Research outputs submitted by type



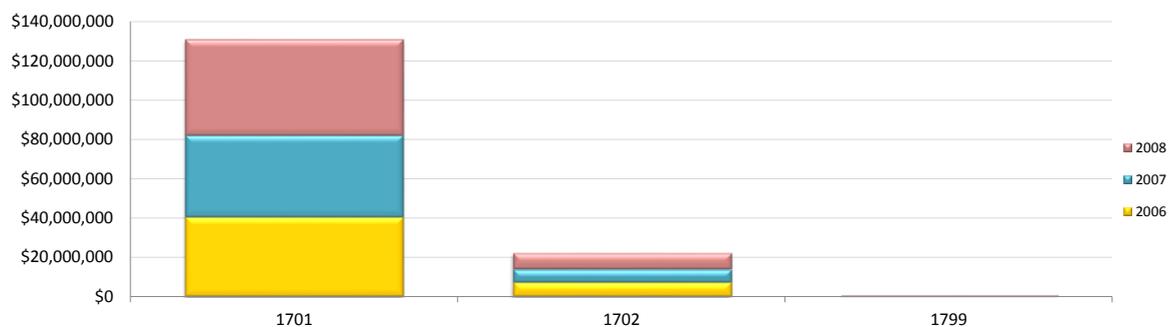
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|--------------|----------|---------------|
| 1701 | 94 | 1,124 | 5,879 | 1,089 | - | 8,186 |
| 1702 | 7 | 113 | 1,755 | 105 | - | 1,981 |
| 1799 | 3 | 34 | 30 | 28 | - | 94 |
| Total | 104 | 1,271 | 7,664 | 1,222 | 0 | 10,261 |

Staffing profile by academic level



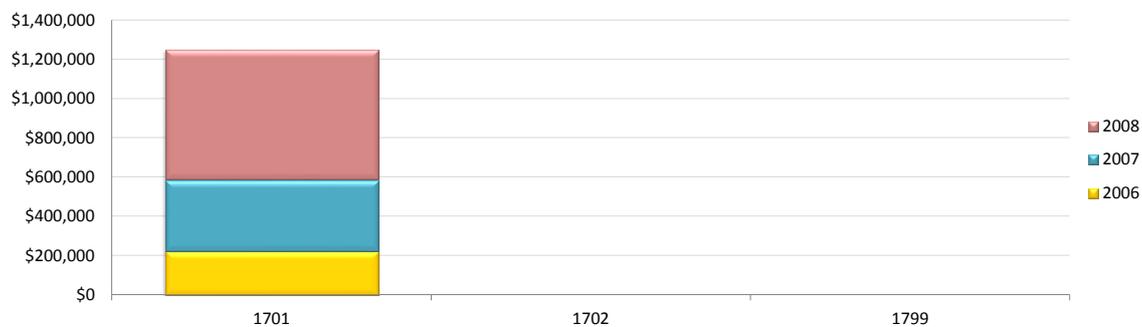
| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|-----------|--------------|
| 1701 | 135 | 139 | 255 | 313 | 120 | 81 | 1,043 |
| 1702 | 22 | 22 | 35 | 54 | 28 | 10 | 171 |
| 1799 | 3 | 6 | 21 | 42 | 42 | 8 | 122 |
| Total | 160 | 167 | 311 | 409 | 191 | 99 | 1,336 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|----------------------|
| 1701 | \$40,381,224 | \$41,469,109 | \$48,820,979 | \$130,671,312 |
| 1702 | \$7,470,164 | \$6,571,382 | \$8,122,753 | \$22,164,299 |
| 1799 | \$255,883 | \$133,520 | \$286,651 | \$676,055 |
| Total | \$48,107,271 | \$48,174,012 | \$57,230,383 | \$153,511,666 |

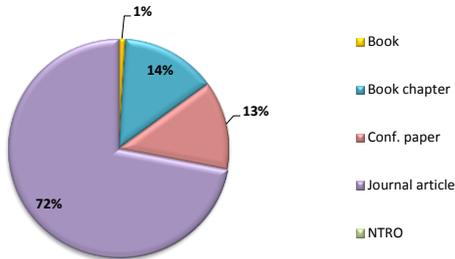
Research commercialisation income (\$)



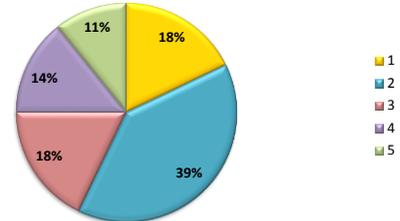
| | 2006 | 2007 | 2008 | Total |
|--------------|------------------|------------------|------------------|--------------------|
| 1701 | \$224,207 | \$360,901 | \$663,923 | \$1,249,032 |
| 1702 | \$0 | \$0 | \$0 | \$0 |
| 1799 | \$0 | \$0 | \$0 | \$0 |
| Total | \$224,207 | \$360,901 | \$663,923 | \$1,249,032 |

| 1701 Psychology | | | | | | | |
|--|--------------------|-------------|----|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 43% | FTEs | 1,043 | | Esteem count(s) | | 114 | |
| | Research outputs | 8,186 | | Patent(s) | | - | |
| | Research income \$ | 130,671,312 | | Res. comm. income (\$) | | 1,249,032 | |
| | UoEs assessed | 28 | | | | Average National Rating 2.6 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 5 | 11 | 5 | 4 | 3 | 28 |

Research outputs by type

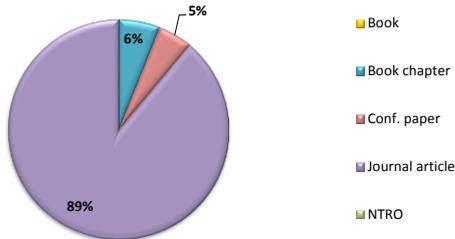


FoR rating distribution

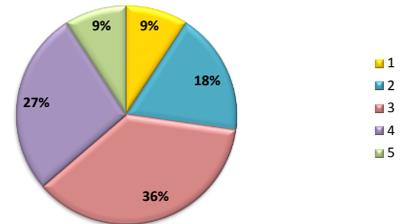


| 1702 Cognitive Sciences | | | | | | | |
|--|--------------------|------------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 73% | FTEs | 171 | | Esteem count(s) | | 29 | |
| | Research outputs | 1,981 | | Patent(s) | | - | |
| | Research income \$ | 22,164,299 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 11 | | | | Average National Rating 3.1 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 1 | 2 | 4 | 3 | 1 | 11 |

Research outputs by type

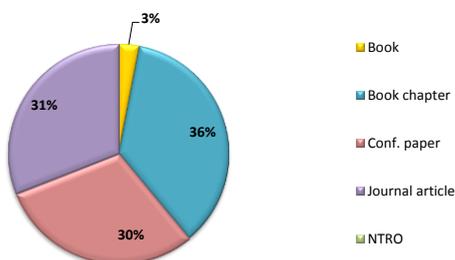


FoR rating distribution



| 1799 Other Psychology and Cognitive Sciences | | | | | | | |
|--|--------------------|---------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 122 | | Esteem count(s) | | 1 | |
| | Research outputs | 94 | | Patent(s) | | - | |
| | Research income \$ | 676,055 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 0 | | | | Average National Rating n/a | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 |

Research outputs by type



FoR rating distribution

Insufficient data

18 LAW AND LEGAL STUDIES

Law and Legal Studies comprises these four-digit codes:

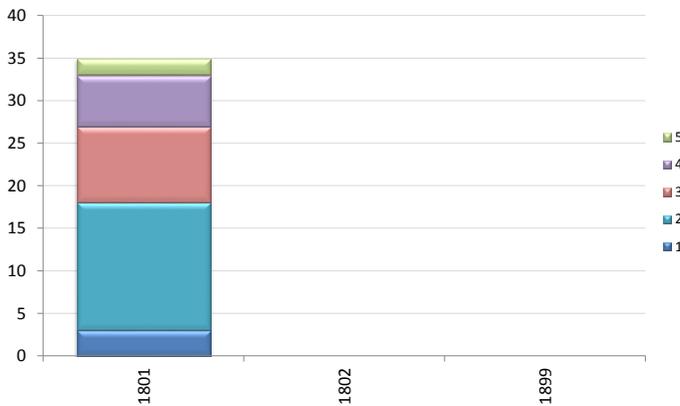
| | |
|-----------|------------------------------|
| 18 | Law and Legal Studies |
| 1801 | Law |
| 1802 | Maori Law |
| 1899 | Other Law and Legal Studies |

| Humanities and Creative Arts | | | | | | | | |
|--|--------------------|------------|----|---|------------------------|---|-------|---|
| 18 Law and Legal Studies | | | | | | | | |
| % assessed UoEs rated at or above world standard 49% | FTEs | 1,313 | | | Esteem count(s) | | 54 | Average National Rating 2.7 |
| | Research outputs | 8,366 | | | Patent(s) | | - | |
| | Research income \$ | 46,162,580 | | | Res. comm. income (\$) | | - | |
| | UoEs assessed | 35 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 3 | 15 | 9 | 6 | 2 | 35 | |

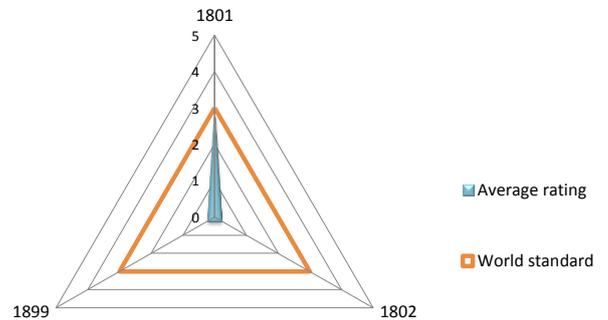
FoR overview

Law and Legal Studies (18) accounted for approximately 3% of the national research outputs. The majority of these outputs were journal articles. Research outputs increased 43% over the reference period. Law and Legal Studies received approximately 1% of HERDC Category 1 research income for the reference period. Thirty-five (35) UoEs were assessed at both the two and four-digit FoR code levels. Forty-nine per cent (49%) of assessed UoEs in Law and Legal Studies received a rating at or above world standard. The largest FoR code was Law (1801; 8,341 outputs).

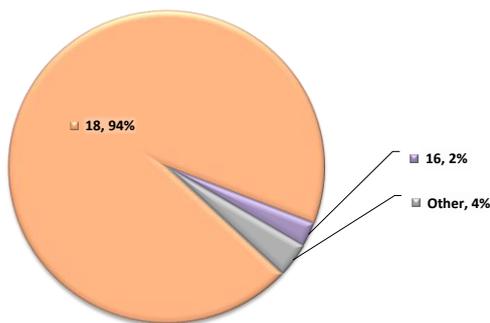
Number of UoEs per rating scale score



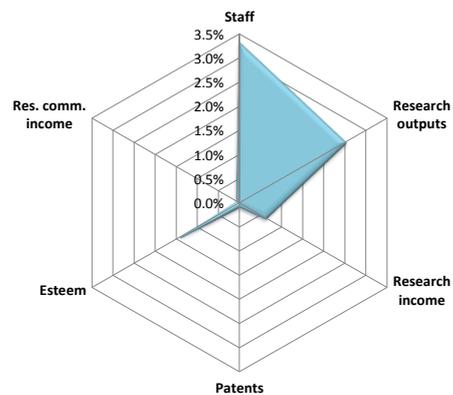
Four-digit FoR ratings



Disciplinary profile

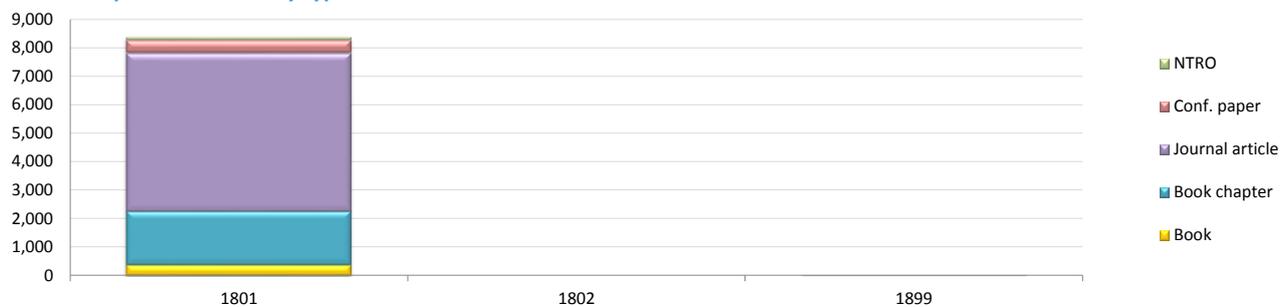


Contribution to national landscape (%)



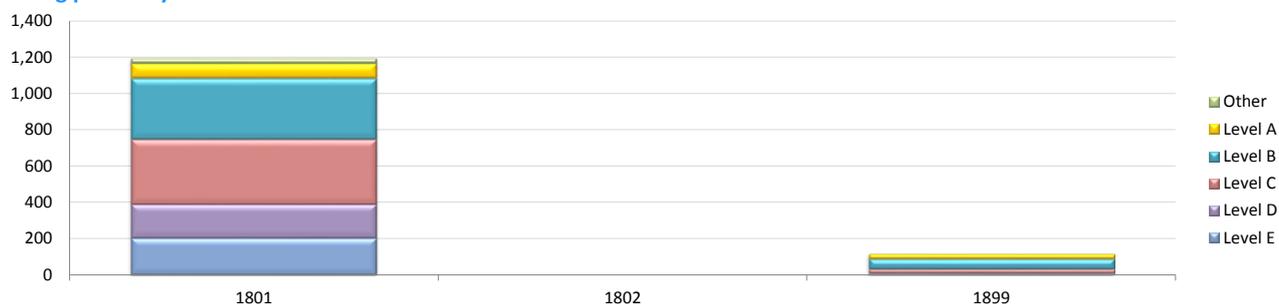
Section 2 - Results by FoR Code

Research outputs submitted by type



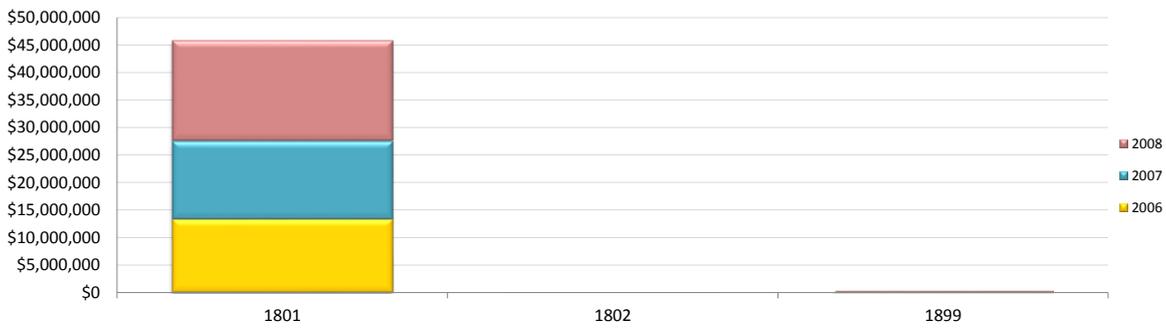
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|-------------|------------|--------------|
| 1801 | 370 | 1,896 | 5,542 | 436 | 96 | 8,341 |
| 1802 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1899 | 3 | 11 | 2 | 4 | 5 | 25 |
| Total | 374 | 1,908 | 5,544 | 440 | 100 | 8,366 |

Staffing profile by academic level



| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|-----------|--------------|
| 1801 | 202 | 187 | 357 | 336 | 81 | 29 | 1,193 |
| 1802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1899 | 7 | 6 | 21 | 56 | 27 | 3 | 119 |
| Total | 209 | 193 | 378 | 392 | 108 | 32 | 1,313 |

Research income – all categories (\$)

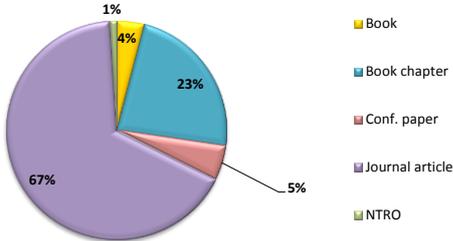


| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|---------------------|
| 1801 | \$13,307,762 | \$14,247,179 | \$18,184,140 | \$45,739,080 |
| 1802 | \$1,226 | \$0 | \$43,716 | \$44,942 |
| 1899 | \$140,262 | \$50,008 | \$188,288 | \$378,558 |
| Total | \$13,449,250 | \$14,297,186 | \$18,416,143 | \$46,162,580 |

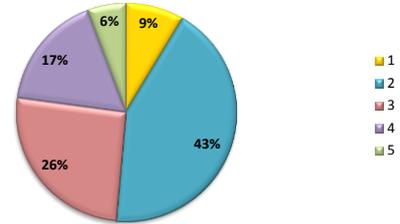
Section 2 - Results by FoR Code

| 1801 Law | | | | | | | |
|--|--------------------|------------|----|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 49% | FTEs | 1,193 | | Esteem count(s) | | 54 | |
| | Research outputs | 8,341 | | Patent(s) | | - | |
| | Research income \$ | 45,739,080 | | Res. comm. income (\$) | | - | |
| | UoEs assessed | 35 | | | | Average National Rating 2.7 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 3 | 15 | 9 | 6 | 2 | 35 |

Research outputs by type



FoR rating distribution



| 1802 Maori Law | | | | | | | |
|--|--------------------|--------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 0 | | Esteem count(s) | | 0 | |
| | Research outputs | 0 | | Patent(s) | | - | |
| | Research income \$ | 44,942 | | Res. comm. income (\$) | | - | |
| | UoEs assessed | 0 | | | | Average National Rating n/a | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 |

Research outputs by type

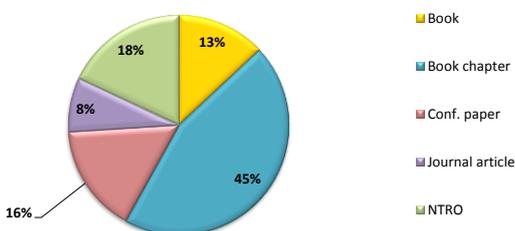
Insufficient data

FoR rating distribution

Insufficient data

| 1899 Other Law and Legal Studies | | | | | | | |
|--|--------------------|---------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 119 | | Esteem count(s) | | 0 | |
| | Research outputs | 25 | | Patent(s) | | - | |
| | Research income \$ | 378,558 | | Res. comm. income (\$) | | - | |
| | UoEs assessed | 0 | | | | Average National Rating n/a | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 |

Research outputs by type



FoR rating distribution

Insufficient data

19 STUDIES IN CREATIVE ARTS AND WRITING

Studies in Creative Arts and Writing comprises these four-digit codes:

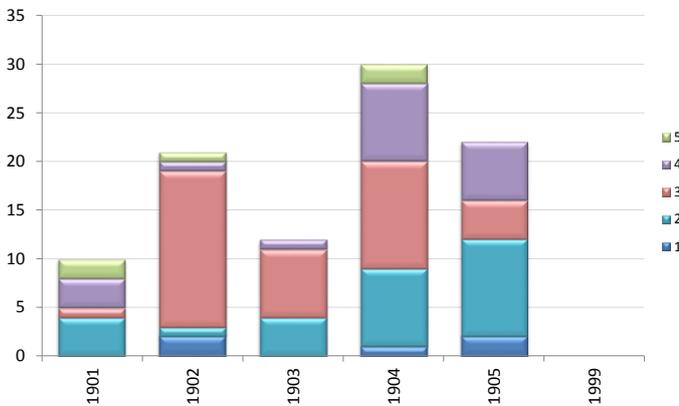
| | |
|-----------|---|
| 19 | Studies in Creative Arts and Writing |
| 1901 | Art Theory and Criticism |
| 1902 | Film, Television and Digital Media |
| 1903 | Journalism and Professional Writing |
| 1904 | Performing Arts and Creative Writing |
| 1905 | Visual Arts and Crafts |
| 1999 | Other Studies in Creative Arts and Writing |

| Humanities and Creative Arts | | | | | | | |
|--|--------------------|------------|----|----|------------------------|---------|-------|
| 19 Studies in Creative Arts and Writing | | | | | | | |
| % assessed UoEs rated at or above world standard 66% | FTEs | 1,556 | | | Esteem count(s) | 145 | |
| | Research outputs | 15,247 | | | Patent(s) | 0 | |
| | Research income \$ | 26,460,056 | | | Res. comm. income (\$) | 721,725 | |
| | UoEs assessed | 95 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 5 | 27 | 39 | 19 | 5 | 95 |
| Average National Rating 2.9 | | | | | | | |

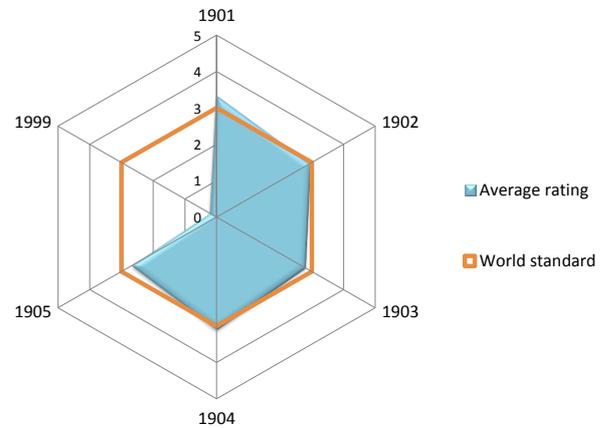
FoR overview

Studies in Creative Arts and Writing (19) accounted for approximately 5% of the national research outputs. The majority of these outputs were original creative works. Research outputs increased 55% over the reference period. Thirty-eight (38) UoEs were assessed at the two-digit FoR code level, and 95 at the four-digit FoR code level. Sixty-six per cent (66%) of assessed UoEs in Studies in Creative Arts and Writing received a rating at or above world standard. The largest FoRs codes were Performing Arts and Creative Writing (1904; 6,166 outputs) and Visual Arts and Crafts (1905; 4,406 outputs).

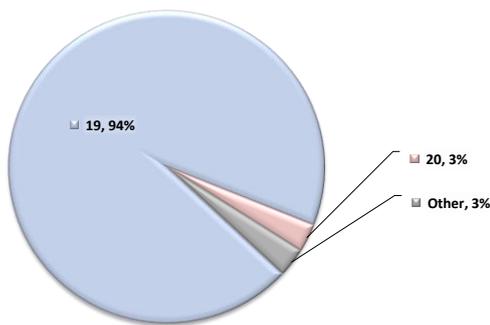
Number of UoEs per rating scale score



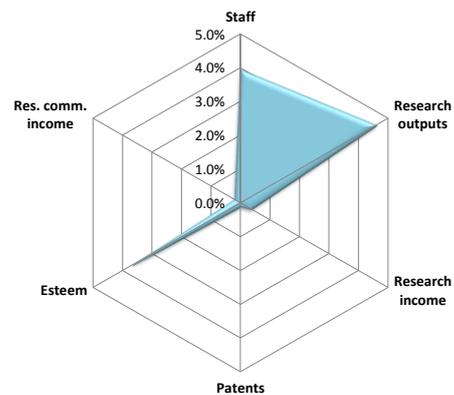
Four-digit FoR ratings



Disciplinary profile

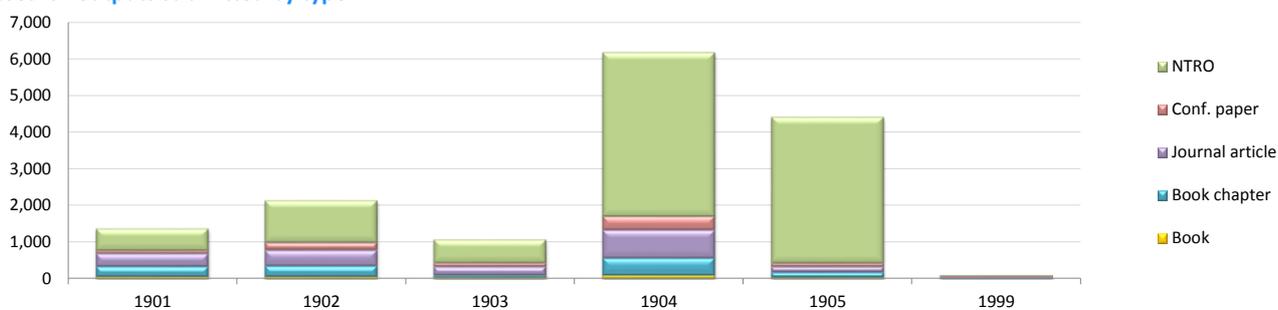


Contribution to national landscape (%)



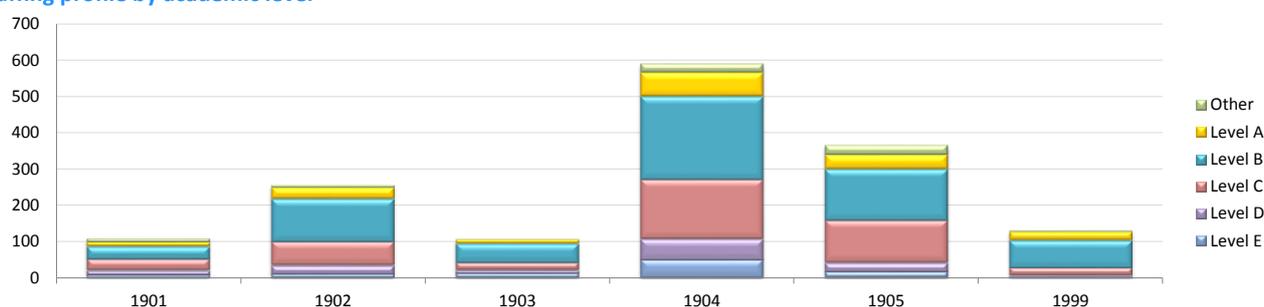
Section 2 - Results by FoR Code

Research outputs submitted by type



| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|-------------|---------------|---------------|
| 1901 | 53 | 273 | 356 | 77 | 607 | 1,366 |
| 1902 | 54 | 287 | 432 | 209 | 1,157 | 2,138 |
| 1903 | 32 | 62 | 235 | 92 | 651 | 1,071 |
| 1904 | 91 | 460 | 761 | 380 | 4,474 | 6,166 |
| 1905 | 32 | 144 | 150 | 91 | 3,989 | 4,406 |
| 1999 | 3 | 21 | 26 | 25 | 26 | 101 |
| Total | 265 | 1,247 | 1,960 | 874 | 10,902 | 15,247 |

Staffing profile by academic level

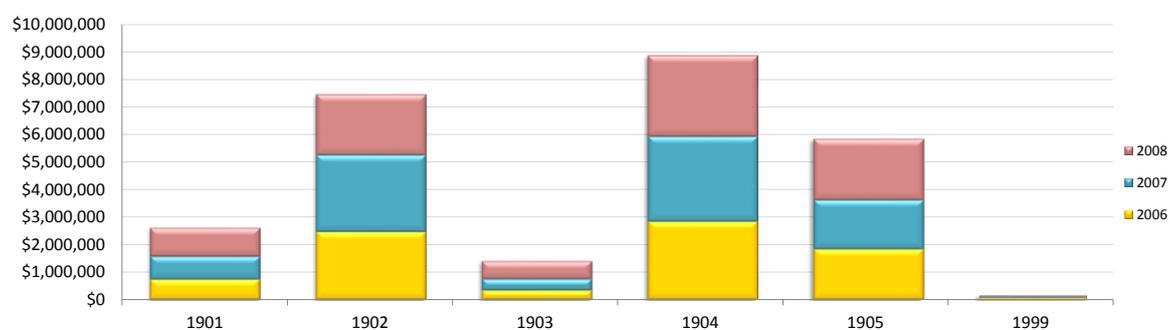


| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|-----------|--------------|
| 1901 | 9 | 12 | 31 | 35 | 11 | 10 | 109 |
| 1902 | 12 | 23 | 65 | 118 | 31 | 7 | 255 |
| 1903 | 14 | 8 | 21 | 53 | 11 | 1 | 107 |
| 1904 | 49 | 58 | 163 | 229 | 65 | 24 | 589 |
| 1905 | 18 | 25 | 116 | 141 | 39 | 27 | 366 |
| 1999 | 5 | 3 | 21 | 76 | 23 | 3 | 131 |
| Total | 106 | 129 | 417 | 651 | 180 | 72 | 1,556 |

Patent profile

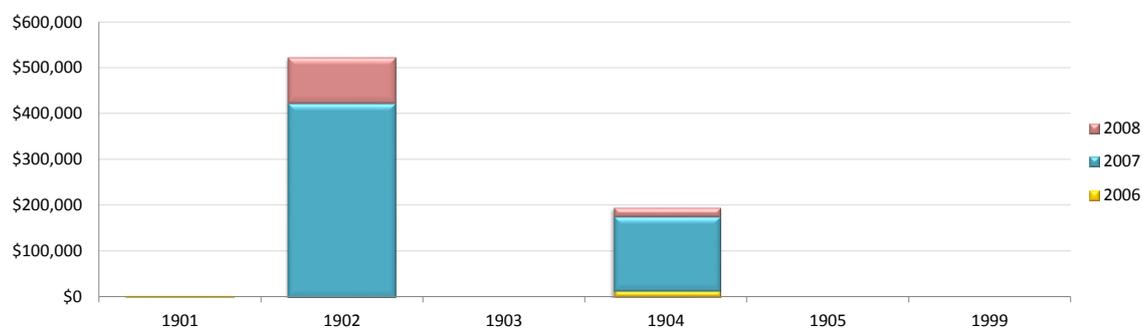
| | Australia | United States | Europe | Japan | Other Int'l | Triadic | Total |
|--------------|------------|---------------|------------|------------|-------------|------------|------------|
| 1901 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1902 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1903 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1904 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1905 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1999 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|--------------------|--------------------|--------------------|---------------------|
| 1901 | \$751,084 | \$845,709 | \$1,046,304 | \$2,643,097 |
| 1902 | \$2,476,279 | \$2,790,130 | \$2,203,566 | \$7,469,975 |
| 1903 | \$353,829 | \$423,268 | \$655,501 | \$1,432,598 |
| 1904 | \$2,845,165 | \$3,095,509 | \$2,934,690 | \$8,875,365 |
| 1905 | \$1,847,579 | \$1,796,547 | \$2,211,849 | \$5,855,975 |
| 1999 | \$85,511 | \$45,702 | \$51,832 | \$183,046 |
| Total | \$8,359,448 | \$8,996,866 | \$9,103,743 | \$26,460,056 |

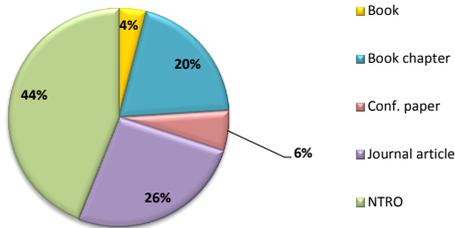
Research commercialisation income (\$)



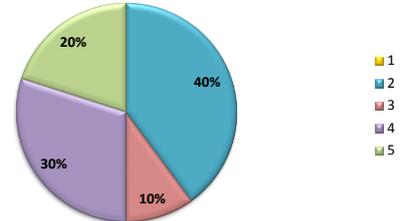
| | 2006 | 2007 | 2008 | Total |
|--------------|-----------------|------------------|------------------|------------------|
| 1901 | \$2,434 | \$0 | \$0 | \$2,434 |
| 1902 | \$0 | \$421,699 | \$100,642 | \$522,341 |
| 1903 | \$0 | \$0 | \$0 | \$0 |
| 1904 | \$13,589 | \$163,172 | \$20,190 | \$196,950 |
| 1905 | \$0 | \$0 | \$0 | \$0 |
| 1999 | \$0 | \$0 | \$0 | \$0 |
| Total | \$16,023 | \$584,871 | \$120,832 | \$721,725 |

| 1901 Art Theory and Criticism | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 60% | FTEs | 109 | Esteem count(s) | | | | 18 | Average National Rating 3.3 |
| | Research outputs | 1,366 | Patent(s) | | | | 0 | |
| | Research income \$ | 2,643,097 | Res. comm. income (\$) | | | | 2,434 | |
| | UoEs assessed | 10 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 1 | 3 | 2 | 10 | |

Research outputs by type

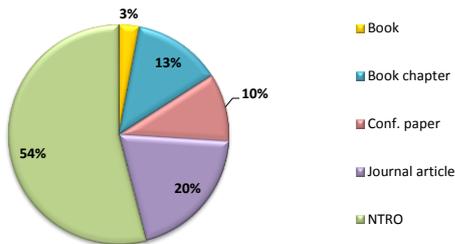


FoR rating distribution

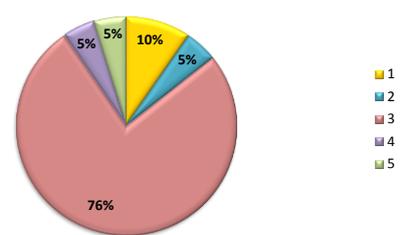


| 1902 Film, Television and Digital Media | | | | | | | | |
|--|--------------------|-----------|------------------------|----|---|---|---------|---------------------------------------|
| % assessed UoEs rated at or above world standard 86% | FTEs | 255 | Esteem count(s) | | | | 18 | Average National Rating 2.9 |
| | Research outputs | 2,138 | Patent(s) | | | | 0 | |
| | Research income \$ | 7,469,975 | Res. comm. income (\$) | | | | 522,341 | |
| | UoEs assessed | 21 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 1 | 16 | 1 | 1 | 21 | |

Research outputs by type

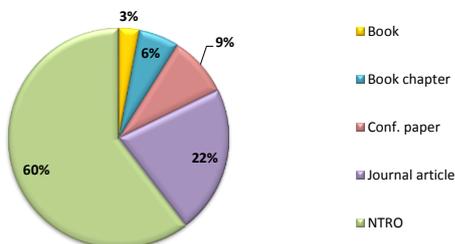


FoR rating distribution

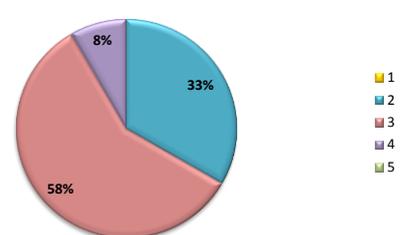


| 1903 Journalism and Professional Writing | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 67% | FTEs | 107 | Esteem count(s) | | | | 1 | Average National Rating 2.8 |
| | Research outputs | 1,071 | Patent(s) | | | | 0 | |
| | Research income \$ | 1,432,598 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 12 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 7 | 1 | 0 | 12 | |

Research outputs by type

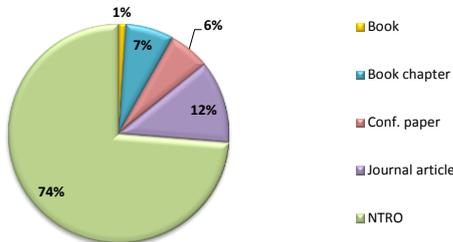


FoR rating distribution

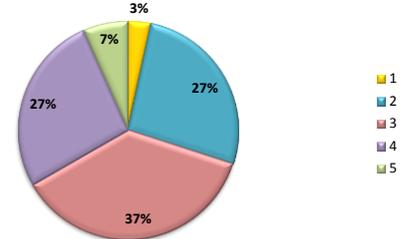


| 1904 Performing Arts and Creative Writing | | | | | | | |
|--|--------------------|-----------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 70% | FTEs | 589 | | Esteem count(s) | | 62 | |
| | Research outputs | 6,166 | | Patent(s) | | 0 | |
| | Research income \$ | 8,875,365 | | Res. comm. income (\$) | | 196,950 | |
| | UoEs assessed | 30 | | | | Average National Rating 3.1 | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 1 | 8 | 11 | 8 | 2 | 30 |

Research outputs by type

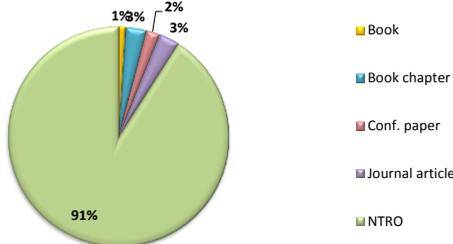


FoR rating distribution

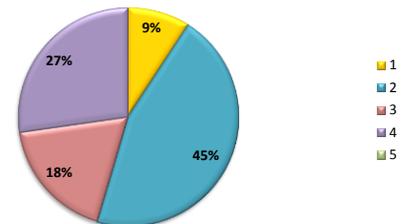


| 1905 Visual Arts and Crafts | | | | | | | |
|--|--------------------|-----------|----|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard 45% | FTEs | 366 | | Esteem count(s) | | 45 | |
| | Research outputs | 4,406 | | Patent(s) | | 0 | |
| | Research income \$ | 5,855,975 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 22 | | | | Average National Rating 2.6 | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 2 | 10 | 4 | 6 | 0 | 22 |

Research outputs by type

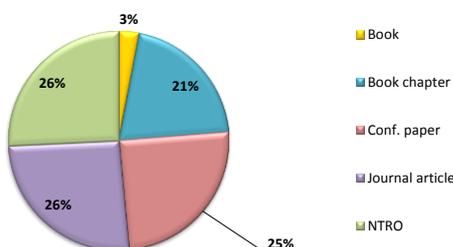


FoR rating distribution



| 1999 Other Studies in Creative Arts and Writing | | | | | | | |
|--|--------------------|---------|---|------------------------|---|---------------------------------------|-------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 131 | | Esteem count(s) | | 2 | |
| | Research outputs | 101 | | Patent(s) | | 0 | |
| | Research income \$ | 183,046 | | Res. comm. income (\$) | | 0 | |
| | UoEs assessed | 0 | | | | Average National Rating n/a | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 |

Research outputs by type



FoR rating distribution

Insufficient data

20 LANGUAGE, COMMUNICATION AND CULTURE

Language, Communication and Culture comprises these four-digit codes:

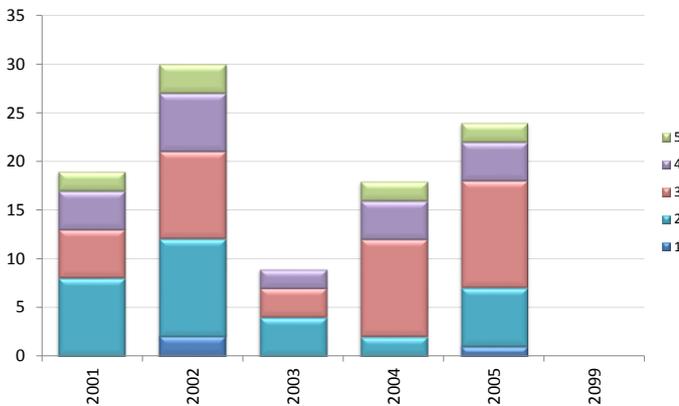
| | |
|-----------|--|
| 20 | Language, Communication and Culture |
| 2001 | Communication and Media Studies |
| 2002 | Cultural Studies |
| 2003 | Language Studies |
| 2004 | Linguistics |
| 2005 | Literary Studies |
| 2099 | Other Language, Communication and Culture |

| Humanities and Creative Arts | | | | | | | |
|--|--------------------|------------|----|----|------------------------|---|-------|
| 20 Language, Communication and Culture | | | | | | | |
| % assessed UoEs rated at or above world standard 67% | FTEs | 1,610 | | | Esteem count(s) | 183 | |
| | Research outputs | 10,366 | | | Patent(s) | - | |
| | Research income \$ | 86,157,851 | | | Res. comm. income (\$) | 47,277 | |
| | UoEs assessed | 100 | | | | Average National Rating 3.0 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 3 | 30 | 38 | 20 | 9 | 100 |

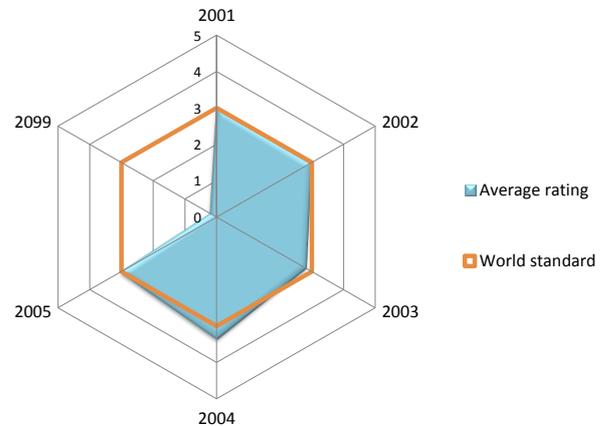
FoR overview

Language, Communication and Culture (20) accounted for approximately 3% of the national research outputs. The majority of these outputs were journal articles and book chapters. Research outputs increased 47% over the reference period. Language, Communication and Culture received approximately 1% of HERDC Category 1 research income for the reference period. Thirty-six (36) UoEs were assessed at the two-digit FoR code level, and 100 at the four-digit FoR code level. Sixty-seven per cent (67%) of assessed UoEs in Language, Communication and Culture received a rating at or above world standard. The largest FoRs codes were Literary Studies (2005; 3,071 outputs) and Cultural Studies (2002; 2,894 outputs).

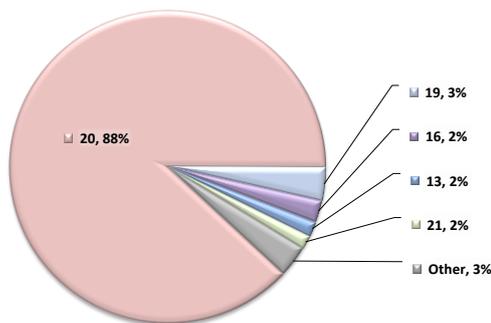
Number of UoEs per rating scale score



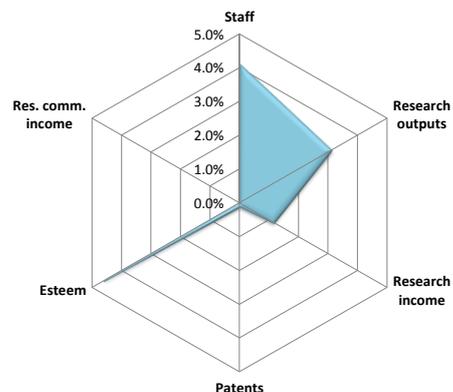
Four-digit FoR ratings



Disciplinary profile

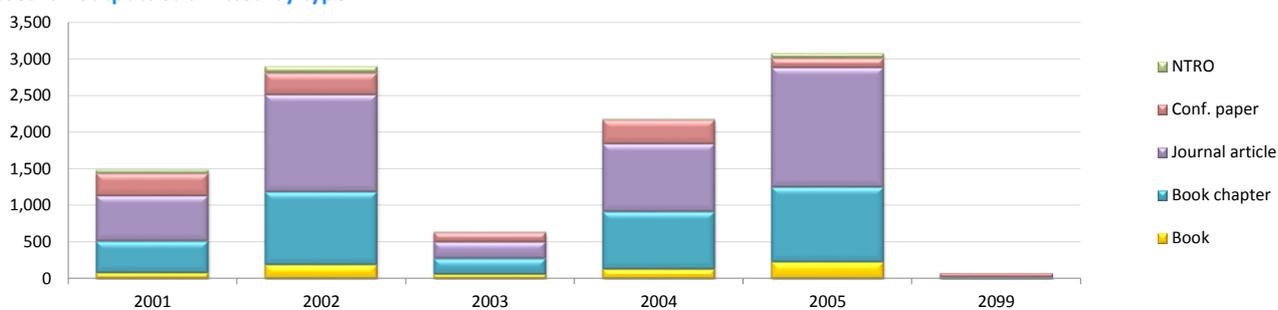


Contribution to national landscape (%)



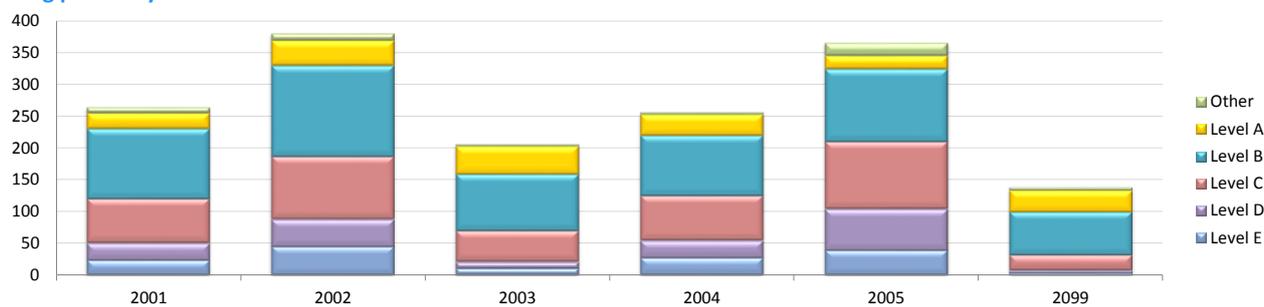
Section 2 - Results by FoR Code

Research outputs submitted by type



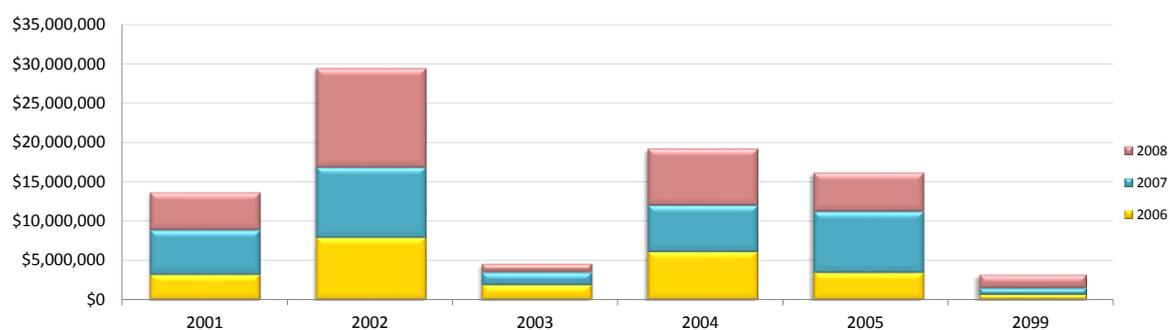
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|--------------|------------|---------------|
| 2001 | 79 | 433 | 621 | 310 | 46 | 1,490 |
| 2002 | 188 | 993 | 1,327 | 297 | 89 | 2,894 |
| 2003 | 60 | 217 | 228 | 134 | 8 | 647 |
| 2004 | 130 | 783 | 929 | 331 | 8 | 2,181 |
| 2005 | 226 | 1,019 | 1,629 | 134 | 63 | 3,071 |
| 2099 | 1 | 10 | 19 | 50 | 2 | 82 |
| Total | 684 | 3,455 | 4,754 | 1,256 | 217 | 10,366 |

Staffing profile by academic level



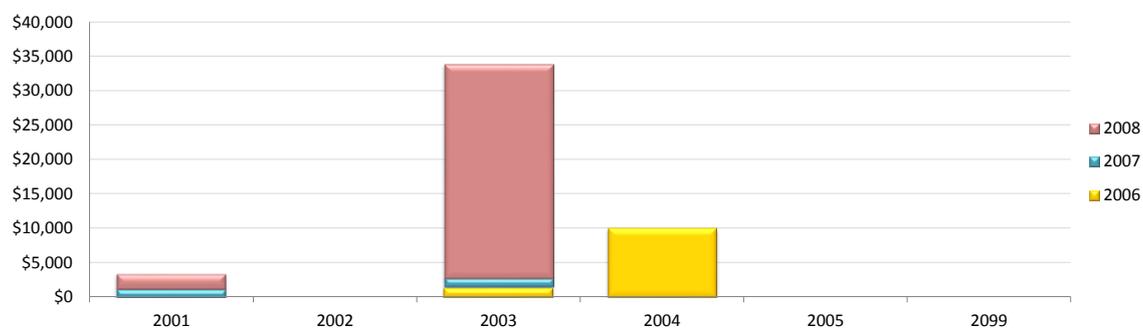
| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|------------|------------|------------|------------|-----------|--------------|
| 2001 | 23 | 27 | 69 | 111 | 25 | 9 | 264 |
| 2002 | 44 | 43 | 98 | 144 | 39 | 11 | 380 |
| 2003 | 11 | 10 | 48 | 90 | 44 | 3 | 206 |
| 2004 | 27 | 27 | 70 | 96 | 33 | 3 | 256 |
| 2005 | 39 | 65 | 106 | 115 | 21 | 20 | 365 |
| 2099 | 4 | 4 | 24 | 68 | 34 | 4 | 139 |
| Total | 148 | 176 | 415 | 623 | 197 | 51 | 1,610 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|---------------------|
| 2001 | \$3,223,651 | \$5,665,596 | \$4,746,194 | \$13,635,442 |
| 2002 | \$7,891,599 | \$8,874,862 | \$12,609,341 | \$29,375,801 |
| 2003 | \$1,941,438 | \$1,608,180 | \$1,044,125 | \$4,593,743 |
| 2004 | \$6,099,132 | \$5,905,723 | \$7,197,256 | \$19,202,111 |
| 2005 | \$3,492,198 | \$7,732,208 | \$4,916,453 | \$16,140,858 |
| 2099 | \$717,114 | \$831,706 | \$1,661,076 | \$3,209,896 |
| Total | \$23,365,132 | \$30,618,274 | \$32,174,445 | \$86,157,851 |

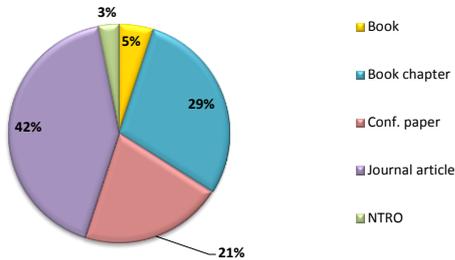
Research commercialisation income (\$)



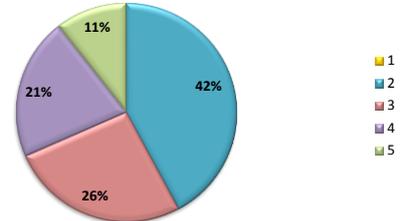
| | 2006 | 2007 | 2008 | Total |
|--------------|-----------------|----------------|-----------------|-----------------|
| 2001 | \$0 | \$1,144 | \$2,288 | \$3,433 |
| 2002 | \$0 | \$0 | \$0 | \$0 |
| 2003 | \$1,409 | \$1,270 | \$31,205 | \$33,885 |
| 2004 | \$9,960 | \$0 | \$0 | \$9,960 |
| 2005 | \$0 | \$0 | \$0 | \$0 |
| 2099 | \$0 | \$0 | \$0 | \$0 |
| Total | \$11,369 | \$2,415 | \$33,493 | \$47,277 |

| 2001 Communication and Media Studies | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 58% | FTEs | 264 | Esteem count(s) | | | | 14 | Average National Rating 3.0 |
| | Research outputs | 1,490 | Patent(s) | | | | - | |
| | Research income \$ | 13,635,442 | Res. comm. income (\$) | | | | 3,433 | |
| | UoEs assessed | 19 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 8 | 5 | 4 | 2 | 19 | |

Research outputs by type

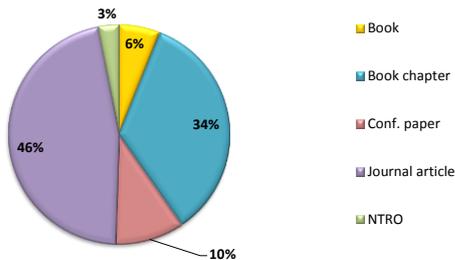


FoR rating distribution

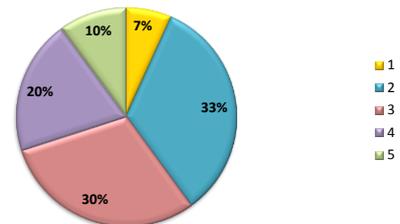


| 2002 Cultural Studies | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 60% | FTEs | 380 | Esteem count(s) | | | | 47 | Average National Rating 2.9 |
| | Research outputs | 2,894 | Patent(s) | | | | - | |
| | Research income \$ | 29,375,801 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 30 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 2 | 10 | 9 | 6 | 3 | 30 | |

Research outputs by type

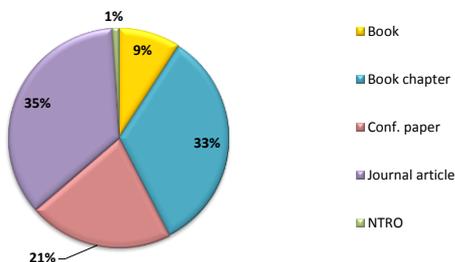


FoR rating distribution

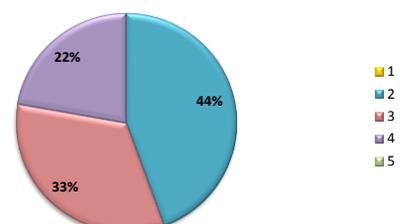


| 2003 Language Studies | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 56% | FTEs | 206 | Esteem count(s) | | | | 8 | Average National Rating 2.8 |
| | Research outputs | 647 | Patent(s) | | | | - | |
| | Research income \$ | 4,593,743 | Res. comm. income (\$) | | | | 33,885 | |
| | UoEs assessed | 9 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 4 | 3 | 2 | 0 | 9 | |

Research outputs by type

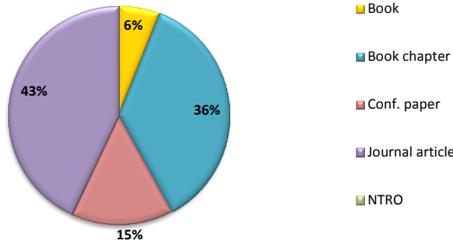


FoR rating distribution

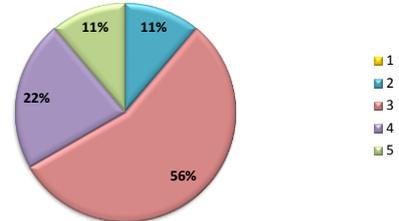


| 2004 Linguistics | | | | | | | | |
|--|--------------------|------------|------------------------|----|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 89% | FTEs | 256 | Esteem count(s) | | | | 47 | Average National Rating 3.3 |
| | Research outputs | 2,181 | Patent(s) | | | | - | |
| | Research income \$ | 19,202,111 | Res. comm. income (\$) | | | | 9,960 | |
| | UoEs assessed | 18 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 2 | 10 | 4 | 2 | 18 | |

Research outputs by type

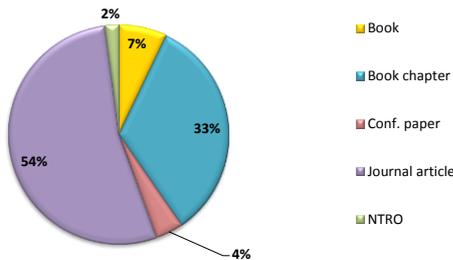


FoR rating distribution

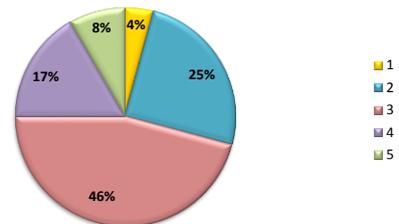


| 2005 Literary Studies | | | | | | | | |
|--|--------------------|------------|------------------------|----|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 71% | FTEs | 365 | Esteem count(s) | | | | 64 | Average National Rating 3.0 |
| | Research outputs | 3,071 | Patent(s) | | | | - | |
| | Research income \$ | 16,140,858 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 24 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 1 | 6 | 11 | 4 | 2 | 24 | |

Research outputs by type

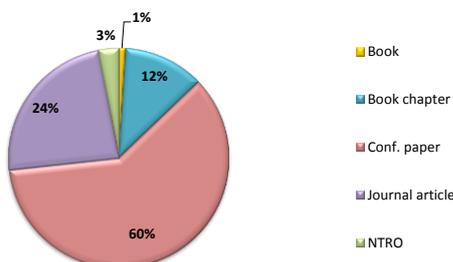


FoR rating distribution



| 2099 Other Language, Communication and Culture | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 139 | Esteem count(s) | | | | 3 | Average National Rating n/a |
| | Research outputs | 82 | Patent(s) | | | | - | |
| | Research income \$ | 3,209,896 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

21 HISTORY AND ARCHAEOLOGY

History and Archaeology comprises these four-digit codes:

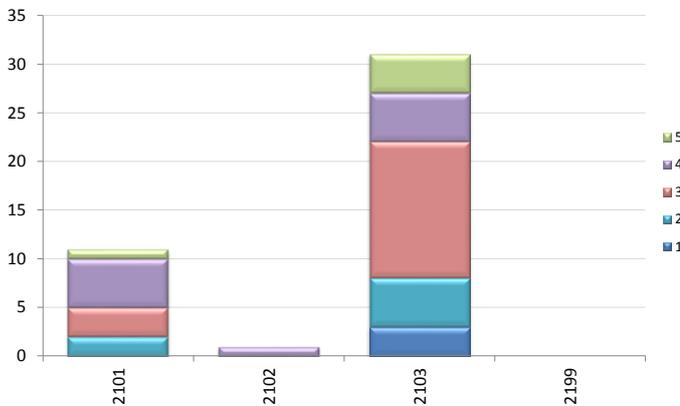
| | |
|-----------|--------------------------------|
| 21 | History and Archaeology |
| 2101 | Archaeology |
| 2102 | Curatorial and Related Studies |
| 2103 | Historical Studies |
| 2199 | Other History and Archaeology |

| Humanities and Creative Arts | | | | | | | |
|--|--------------------|------------|---|----|------------------------|---|-------|
| 21 History and Archaeology | | | | | | | |
| % assessed UoEs rated at or above world standard 77% | FTEs | 703 | | | Esteem count(s) | 242 | |
| | Research outputs | 6,203 | | | Patent(s) | - | |
| | Research income \$ | 67,296,782 | | | Res. comm. income (\$) | 58,681 | |
| | UoEs assessed | 43 | | | | Average National Rating 3.2 | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 3 | 7 | 17 | 11 | 5 | 43 |

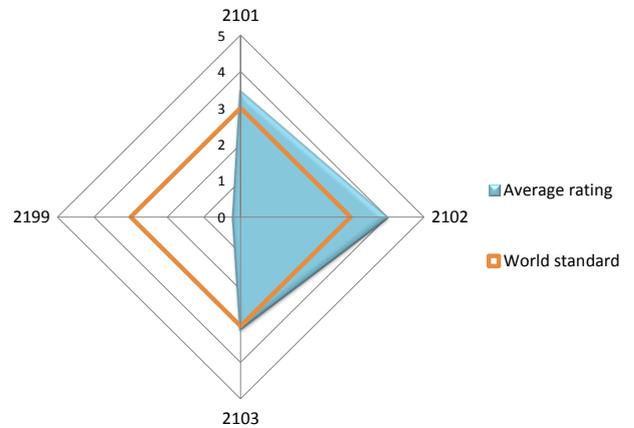
FoR overview

History and Archaeology (21) accounted for approximately 2% of the national research outputs. The majority of these outputs were journal articles and book chapters. Research outputs increased 47% over the reference period. History and Archaeology received approximately 1% of HERDC Category 1 research income for the reference period. Thirty-three (33) UoEs were assessed at the two-digit FoR code level, and 43 at the four-digit FoR code level. Seventy-seven per cent (77%) of assessed UoEs in History and Archaeology received a rating at or above world standard. The largest FoR code was Historical Studies (2103; 4,597 outputs).

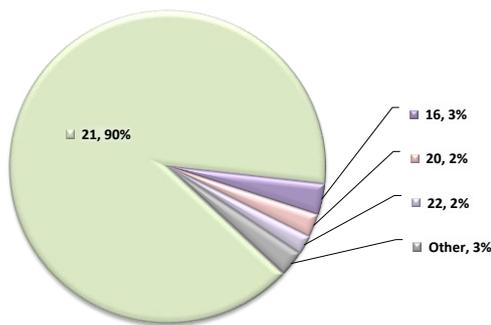
Number of UoEs per rating scale score



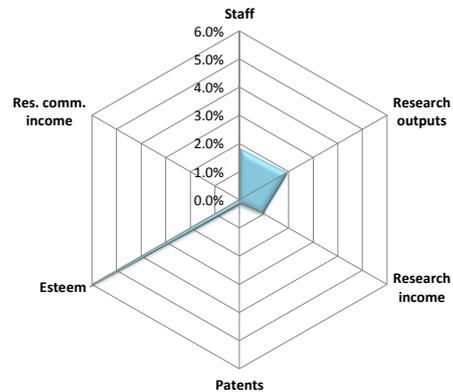
Four-digit FoR ratings



Disciplinary profile

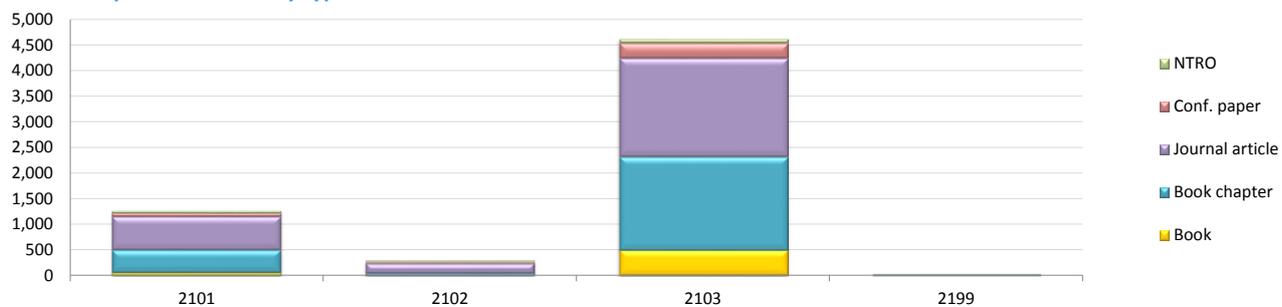


Contribution to national landscape (%)



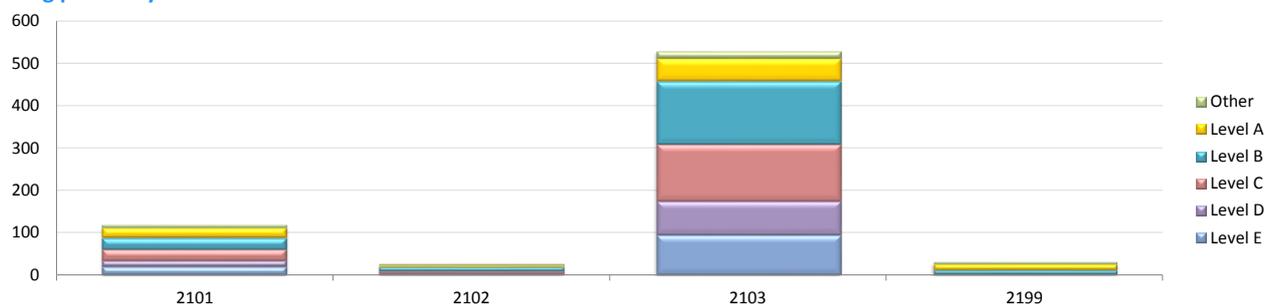
Section 2 - Results by FoR Code

Research outputs submitted by type



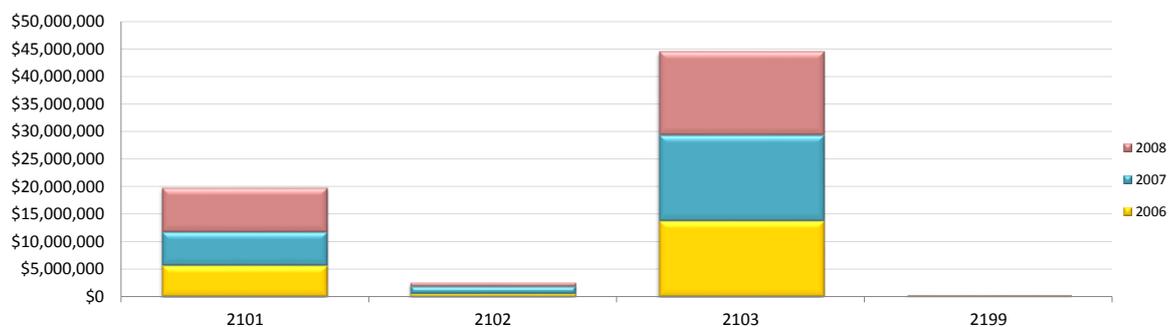
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|-------------|------------|--------------|
| 2101 | 58 | 445 | 653 | 64 | 47 | 1,267 |
| 2102 | 4 | 47 | 196 | 28 | 26 | 300 |
| 2103 | 492 | 1,817 | 1,917 | 294 | 77 | 4,597 |
| 2199 | 3 | 23 | 2 | 8 | 4 | 39 |
| Total | 556 | 2,333 | 2,768 | 394 | 153 | 6,203 |

Staffing profile by academic level



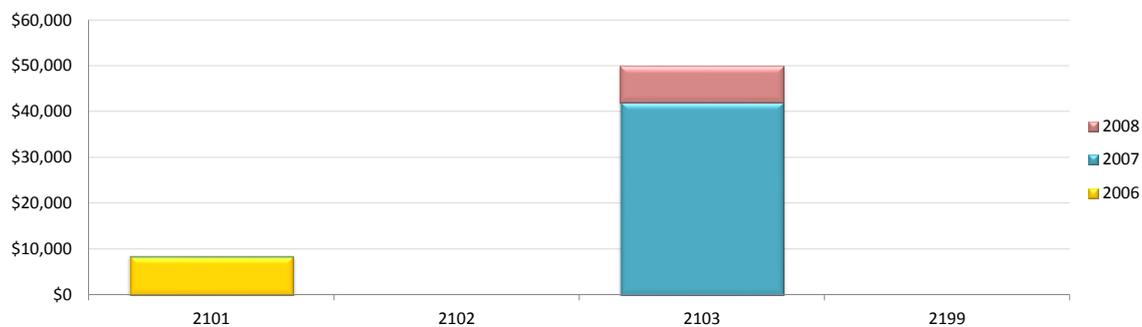
| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|------------|-----------|------------|------------|-----------|-----------|------------|
| 2101 | 19 | 15 | 27 | 27 | 23 | 6 | 118 |
| 2102 | 2 | 4 | 5 | 9 | 4 | 3 | 27 |
| 2103 | 93 | 80 | 134 | 149 | 53 | 17 | 527 |
| 2199 | 0 | 1 | 3 | 9 | 14 | 5 | 31 |
| Total | 115 | 99 | 170 | 193 | 94 | 30 | 703 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|---------------------|
| 2101 | \$5,676,519 | \$6,116,399 | \$8,050,100 | \$19,843,018 |
| 2102 | \$553,998 | \$1,345,721 | \$716,927 | \$2,616,647 |
| 2103 | \$13,758,864 | \$15,607,298 | \$15,138,038 | \$44,504,200 |
| 2199 | \$182,136 | \$32,404 | \$118,377 | \$332,918 |
| Total | \$20,171,518 | \$23,101,822 | \$24,023,442 | \$67,296,782 |

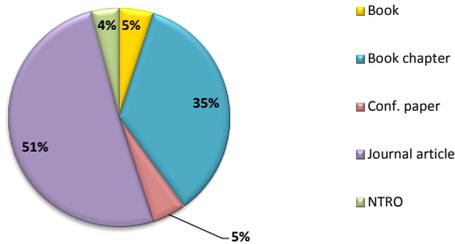
Research commercialisation income (\$)



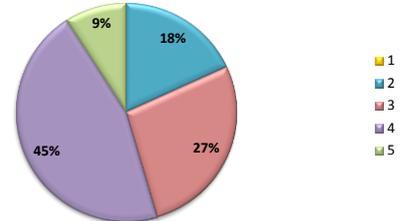
| | 2006 | 2007 | 2008 | Total |
|--------------|----------------|-----------------|----------------|-----------------|
| 2101 | \$8,362 | \$281 | \$0 | \$8,643 |
| 2102 | \$0 | \$0 | \$0 | \$0 |
| 2103 | \$0 | \$42,049 | \$7,990 | \$50,038 |
| 2199 | \$0 | \$0 | \$0 | \$0 |
| Total | \$8,362 | \$42,329 | \$7,990 | \$58,681 |

| 2101 Archaeology | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 82% | FTEs | 118 | Esteem count(s) | | | | 62 | Average National Rating 3.5 |
| | Research outputs | 1,267 | Patent(s) | | | | - | |
| | Research income \$ | 19,843,018 | Res. comm. income (\$) | | | | 8,643 | |
| | UoEs assessed | 11 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 2 | 3 | 5 | 1 | 11 | |

Research outputs by type

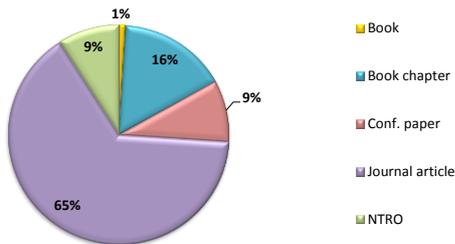


FoR rating distribution

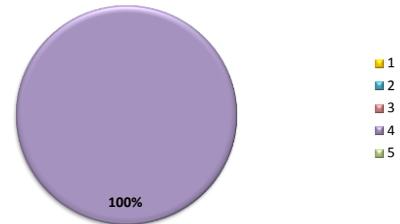


| 2102 Curatorial and Related Studies | | | | | | | | |
|---|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 100% | FTEs | 27 | Esteem count(s) | | | | 3 | Average National Rating 4.0 |
| | Research outputs | 300 | Patent(s) | | | | - | |
| | Research income \$ | 2,616,647 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 1 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 1 | 0 | 1 | |

Research outputs by type

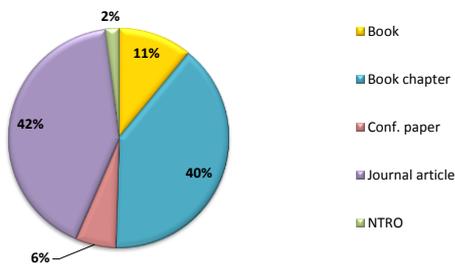


FoR rating distribution

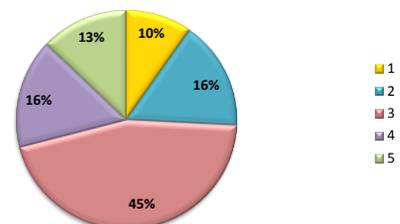


| 2103 Historical Studies | | | | | | | | |
|--|--------------------|------------|------------------------|----|---|---|--------|---------------------------------------|
| % assessed UoEs rated at or above world standard 74% | FTEs | 527 | Esteem count(s) | | | | 176 | Average National Rating 3.1 |
| | Research outputs | 4,597 | Patent(s) | | | | - | |
| | Research income \$ | 44,504,200 | Res. comm. income (\$) | | | | 50,038 | |
| | UoEs assessed | 31 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 3 | 5 | 14 | 5 | 4 | 31 | |

Research outputs by type

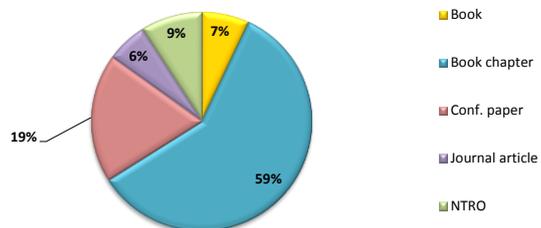


FoR rating distribution



| 2199 Other History and Archaeology | | | | | | | | |
|--|--------------------|---------|---|---|------------------------|---|-------|---|
| % assessed UoEs rated at or above world standard n/a | FTEs | 31 | | | Esteem count(s) | 1 | | Average National Rating n/a |
| | Research outputs | 39 | | | Patent(s) | - | | |
| | Research income \$ | 332,918 | | | Res. comm. income (\$) | 0 | | |
| | UoEs assessed | 0 | | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total | |
| | Distribution: | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

22 PHILOSOPHY AND RELIGIOUS STUDIES

Philosophy and Religious Studies comprises these four-digit codes:

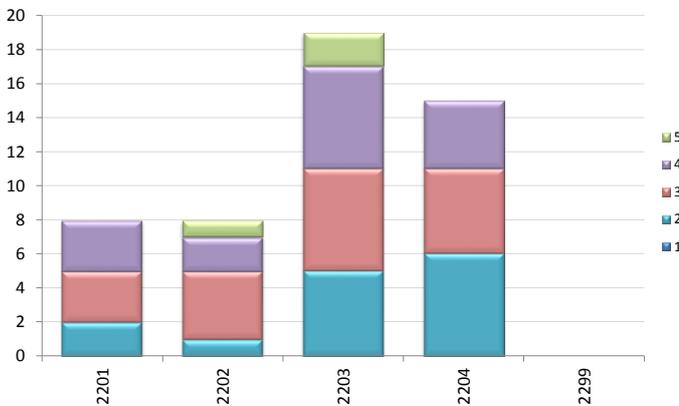
| | |
|-----------|---|
| 22 | Philosophy and Religious Studies |
| 2201 | Applied Ethics |
| 2202 | History and Philosophy of Specific Fields |
| 2203 | Philosophy |
| 2204 | Religion and Religious Studies |
| 2299 | Other Philosophy and Religious Studies |

| Humanities and Creative Arts | | | | | | | |
|--|--------------------|------------|----|----|------------------------|-----|---|
| 22 Philosophy and Religious Studies | | | | | | | |
| % assessed UoEs rated at or above world standard 72% | FTEs | 591 | | | Esteem count(s) | 102 | Average National Rating 3.1 |
| | Research outputs | 5,068 | | | Patent(s) | - | |
| | Research income \$ | 38,376,661 | | | Res. comm. income (\$) | 822 | |
| | UoEs assessed | 50 | | | | | |
| | Rating: | 1 | 2 | 3 | 4 | 5 | Total |
| | Distribution: | 0 | 14 | 18 | 15 | 3 | 50 |

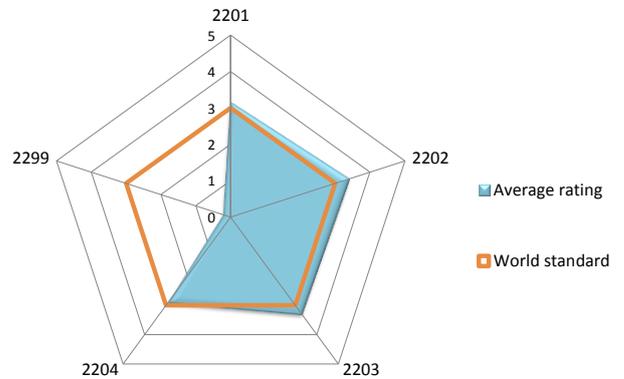
FoR overview

Philosophy and Religious Studies (22) accounted for approximately 2% of the national research outputs. The majority of these outputs were journal articles and book chapters. Research outputs increased 46% over the reference period. Philosophy and Religious Studies received approximately 1% of HERDC Category 1 research income for the reference period. Twenty-five (25) UoEs were assessed at the two-digit FoR code level, and 50 at the four-digit FoR code level. Seventy-two per cent (72%) of assessed UoEs in Philosophy and Religious Studies received a rating at or above world standard. The largest FoR codes were Philosophy (2203; 1,907 outputs) and Religion and Religious Studies (2204; 1,515 outputs).

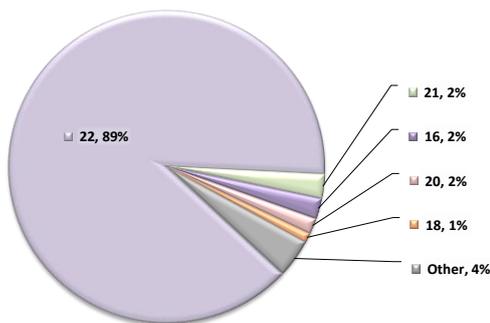
Number of UoEs per rating scale score



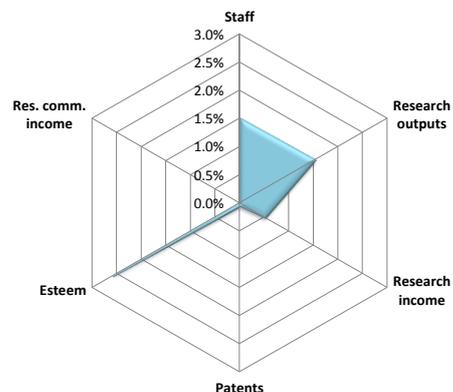
Four-digit FoR ratings



Disciplinary profile

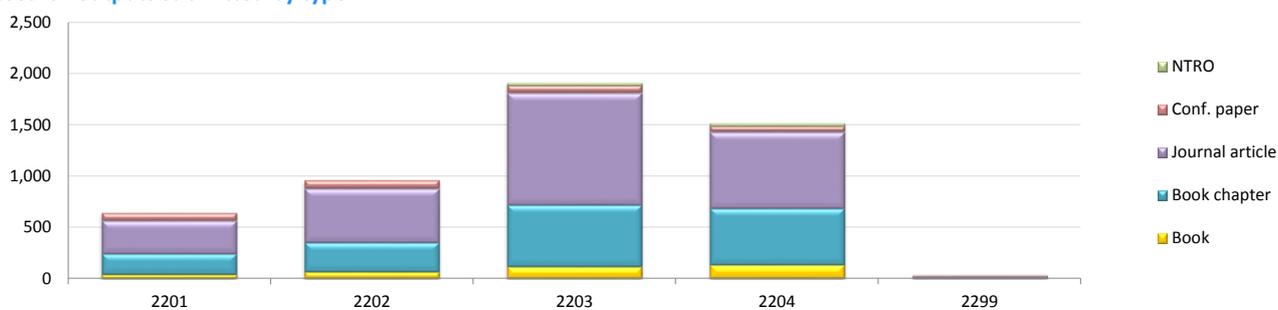


Contribution to national landscape (%)



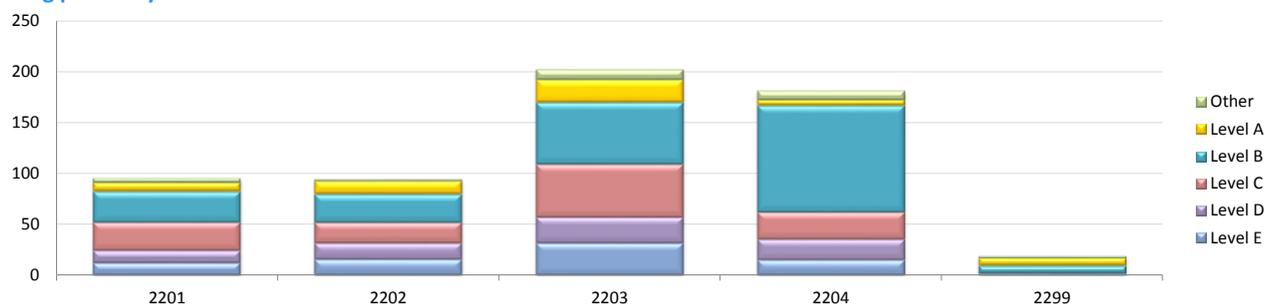
Section 2 - Results by FoR Code

Research outputs submitted by type



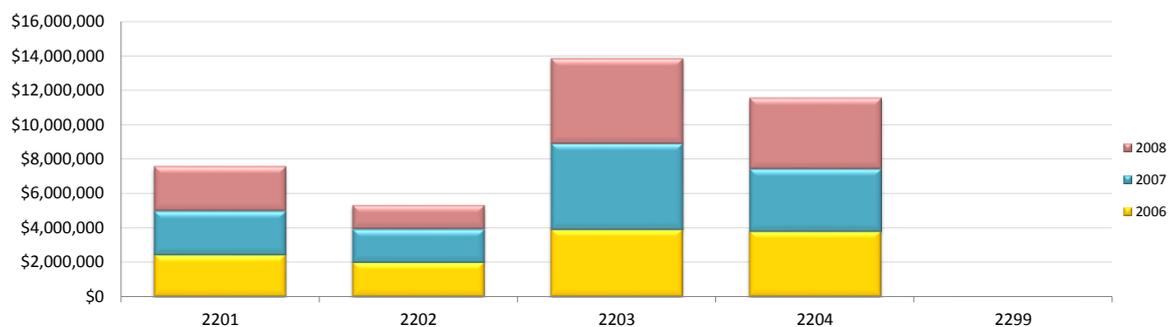
| | Book | Book chapter | Journal article | Conf. paper | NTRO | Total |
|--------------|------------|--------------|-----------------|-------------|-----------|--------------|
| 2201 | 38 | 207 | 322 | 74 | 4 | 646 |
| 2202 | 63 | 291 | 526 | 81 | 2 | 962 |
| 2203 | 114 | 603 | 1,089 | 73 | 29 | 1,907 |
| 2204 | 132 | 553 | 742 | 58 | 30 | 1,515 |
| 2299 | 4 | 13 | 9 | 13 | 1 | 39 |
| Total | 351 | 1,666 | 2,686 | 299 | 66 | 5,068 |

Staffing profile by academic level



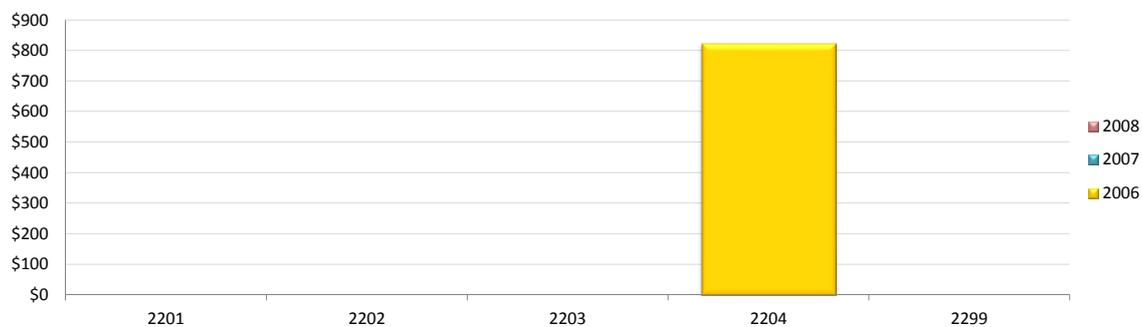
| | Level E | Level D | Level C | Level B | Level A | Other | Total |
|--------------|-----------|-----------|------------|------------|-----------|-----------|------------|
| 2201 | 12 | 12 | 28 | 30 | 9 | 5 | 95 |
| 2202 | 16 | 16 | 20 | 28 | 13 | 2 | 94 |
| 2203 | 31 | 25 | 52 | 60 | 22 | 10 | 202 |
| 2204 | 15 | 20 | 27 | 104 | 6 | 9 | 181 |
| 2299 | 1 | 1 | 1 | 7 | 7 | 2 | 19 |
| Total | 75 | 75 | 127 | 230 | 56 | 28 | 591 |

Research income – all categories (\$)



| | 2006 | 2007 | 2008 | Total |
|--------------|---------------------|---------------------|---------------------|---------------------|
| 2201 | \$2,443,673 | \$2,557,873 | \$2,600,669 | \$7,602,215 |
| 2202 | \$2,008,310 | \$1,939,311 | \$1,396,122 | \$5,343,743 |
| 2203 | \$3,893,434 | \$4,992,462 | \$4,961,604 | \$13,847,501 |
| 2204 | \$3,786,108 | \$3,636,605 | \$4,149,186 | \$11,571,899 |
| 2299 | \$11,303 | \$0 | \$0 | \$11,303 |
| Total | \$12,142,827 | \$13,126,252 | \$13,107,581 | \$38,376,661 |

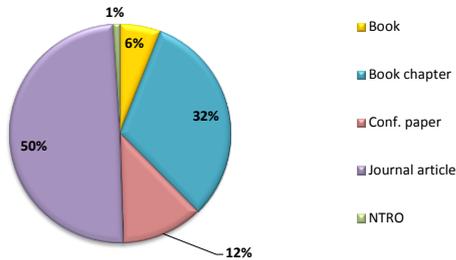
Research commercialisation income (\$)



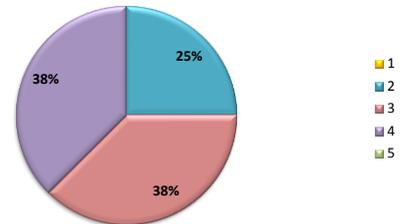
| | 2006 | 2007 | 2008 | Total |
|--------------|--------------|------------|------------|--------------|
| 2201 | \$0 | \$0 | \$0 | \$0 |
| 2202 | \$0 | \$0 | \$0 | \$0 |
| 2203 | \$0 | \$0 | \$0 | \$0 |
| 2204 | \$822 | \$0 | \$0 | \$822 |
| 2299 | \$0 | \$0 | \$0 | \$0 |
| Total | \$822 | \$0 | \$0 | \$822 |

| 2201 Applied Ethics | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 75% | FTEs | 95 | Esteem count(s) | | | | 6 | Average National Rating 3.1 |
| | Research outputs | 646 | Patent(s) | | | | - | |
| | Research income \$ | 7,602,215 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 2 | 3 | 3 | 0 | 8 | |

Research outputs by type

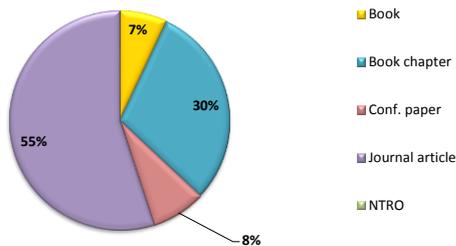


FoR rating distribution

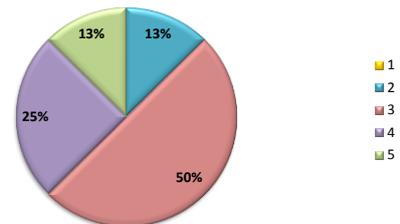


| 2202 History and Philosophy of Specific Fields | | | | | | | | |
|--|--------------------|-----------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 88% | FTEs | 94 | Esteem count(s) | | | | 25 | Average National Rating 3.4 |
| | Research outputs | 962 | Patent(s) | | | | - | |
| | Research income \$ | 5,343,743 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 8 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 1 | 4 | 2 | 1 | 8 | |

Research outputs by type

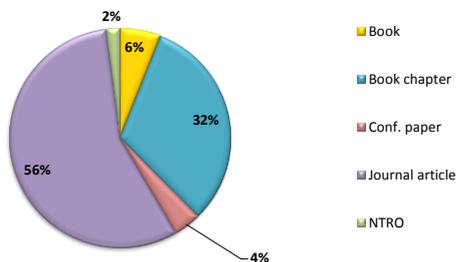


FoR rating distribution

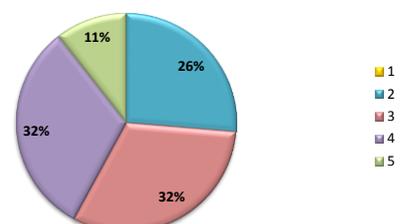


| 2203 Philosophy | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 74% | FTEs | 202 | Esteem count(s) | | | | 55 | Average National Rating 3.3 |
| | Research outputs | 1,907 | Patent(s) | | | | - | |
| | Research income \$ | 13,847,501 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 19 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 5 | 6 | 6 | 2 | 19 | |

Research outputs by type

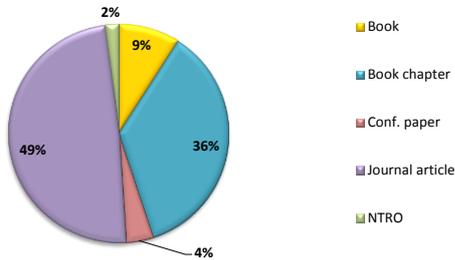


FoR rating distribution

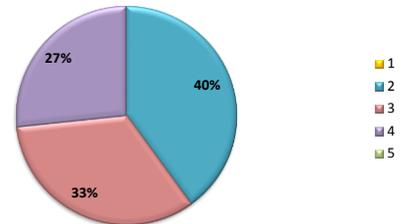


| 2204 Religion and Religious Studies | | | | | | | | |
|--|--------------------|------------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard 60% | FTEs | 181 | Esteem count(s) | | | | 15 | Average National Rating 2.9 |
| | Research outputs | 1,515 | Patent(s) | | | | - | |
| | Research income \$ | 11,571,899 | Res. comm. income (\$) | | | | 822 | |
| | UoEs assessed | 15 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 6 | 5 | 4 | 0 | 15 | |

Research outputs by type

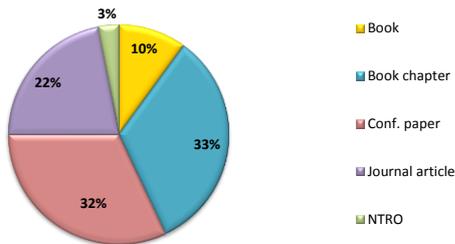


FoR rating distribution



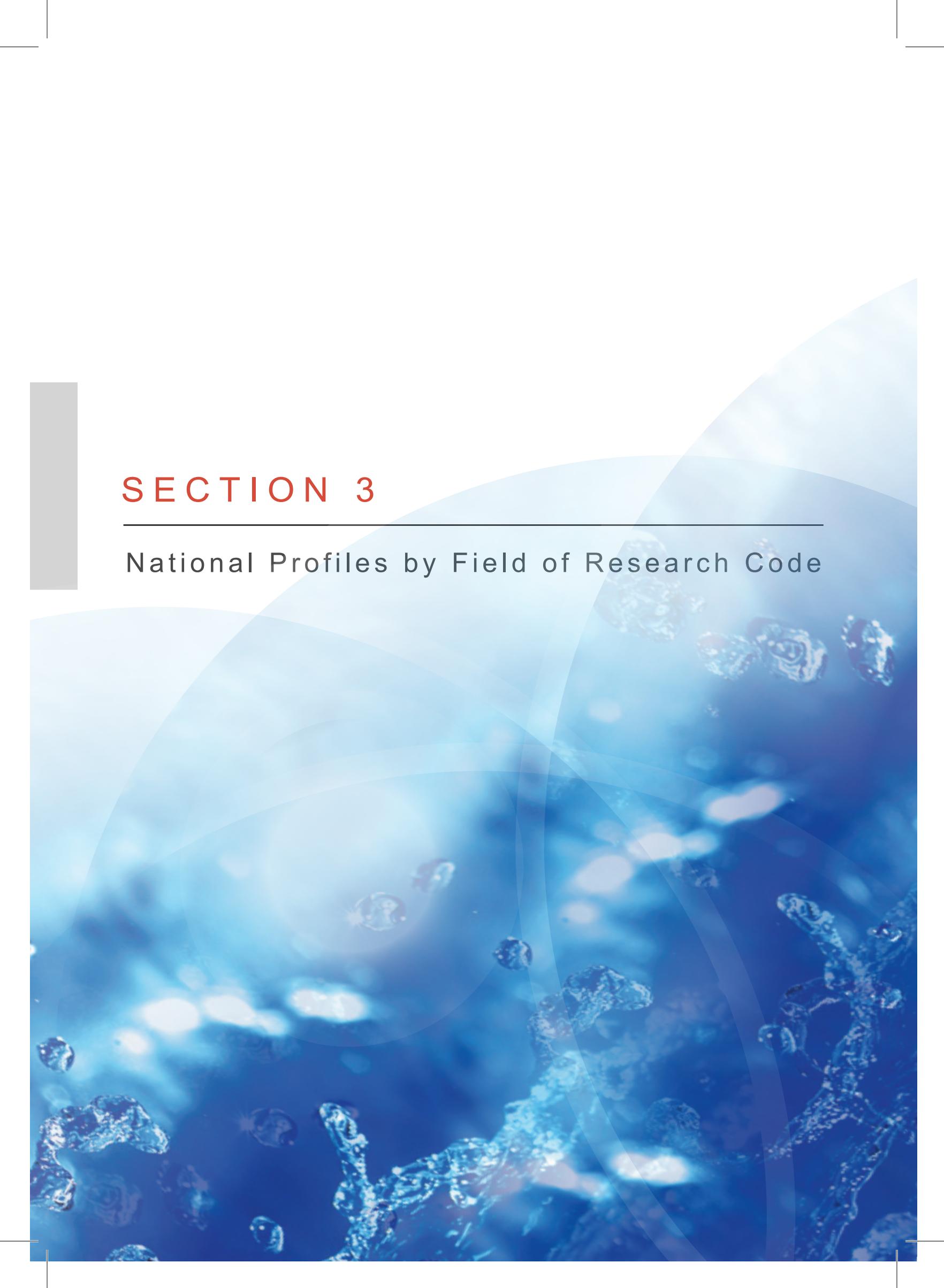
| 2299 Other Philosophy and Religious Studies | | | | | | | | |
|--|--------------------|--------|------------------------|---|---|---|-------|---------------------------------------|
| % assessed UoEs rated at or above world standard n/a | FTEs | 19 | Esteem count(s) | | | | 0 | Average National Rating n/a |
| | Research outputs | 39 | Patent(s) | | | | - | |
| | Research income \$ | 11,303 | Res. comm. income (\$) | | | | 0 | |
| | UoEs assessed | 0 | | | | | | |
| Rating: | | 1 | 2 | 3 | 4 | 5 | Total | |
| Distribution: | | 0 | 0 | 0 | 0 | 0 | 0 | |

Research outputs by type



FoR rating distribution

Insufficient data

The background of the page is a microscopic image of cells, likely from a biological specimen, showing various cellular structures and organelles. The image is overlaid with several semi-transparent, overlapping circular shapes in shades of light blue and white, creating a layered, ethereal effect. The overall color palette is dominated by blues and whites, with some darker tones in the background image.

SECTION 3

National Profiles by Field of Research Code

SECTION 3: NATIONAL PROFILES BY FIELD OF RESEARCH CODE

Section 3 provides detailed profiles of national ERA data by two- and four-digit FoR codes. Please note that there are differences in the applicability of indicators for each discipline. These are specified in the *ERA 2010 Discipline Matrices*, available from http://www.arc.gov.au/era/key_docs10.htm.

Where an indicator is not applicable for a discipline, the '-' is shown. '0' represents that no data was submitted for a discipline.

For each two- and four-digit FoR the following data tables are provided:

Research Outputs by Type

This table shows the number of research outputs submitted by output type. There are two broad groups of research output types:

1. Traditional: 'book', 'book chapter', 'journal article' and 'conference paper'; and
2. Non-traditional: 'curated or exhibited event', 'live performance', 'original creative work' and 'recorded rendered work'.

All disciplines were required to submit eligible traditional research outputs. Some humanities, creative arts and social sciences disciplines were also required to submit eligible non-traditional research outputs.

Non-traditional research outputs could be submitted as part of a 'Portfolio'. A 'Portfolio' is a group of individual works which together constitute a single non-traditional research output. The portfolio submission was supported with information to demonstrate coherent research content.

Please note that all research outputs were submitted at the four-digit FoR code level. The two-digit FoR code level represents the aggregate of the outputs from the relevant four-digit FoR codes which sit beneath the two-digit FoR code.

Research Outputs by Year

This table shows the number of research outputs submitted to ERA 2010 for each year of the reference period. For ERA 2010, the reference period for research output was 2003—2008.

HERDC Category 1: Australian Competitive Grants Research Income

This table shows the total amount of HERDC Category 1 research income submitted to ERA 2010 for each year of the reference period. For ERA 2010, the reference period for research income was 2006—2008.

HERDC Category 1 income refers to income received from programs listed on the Australian Competitive Grants Register. The HERDC Category 1 grants are highly competitive and have a strong element of peer review.

The 'Median Income' column shows the middle amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period. The 'Max. Income' (or Maximum Income) shows the highest amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period.

HERDC Category 2: Other Public Sector Research Income

This table shows the total amount of HERDC Category 2 research income submitted to ERA 2010 for each year of the reference period. For ERA 2010, the reference period for research income was 2006—2008.

HERDC Category 2 income refers to any other research income received from the Australian Government that is not eligible for inclusion as HERDC Category 1 research income. This includes income from both state and local governments.

The 'Median Income' column shows the middle amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period. The 'Max. Income' (or Maximum Income) shows the highest amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period.

HERDC Category 3: Industry and Other Research Income

This table shows the total amount of HERDC Category 3 research income submitted to ERA 2010 for each year of the reference period. For ERA 2010, the reference period for research income was 2006—2008.

HERDC Category 3 income refers to income from industry and other non-Australian Government organisations. This Category of income is broken down into three sub-categories: Australian, International A and International B. These are detailed under each sub-category heading.

The 'Median Income' column shows the middle amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period. The 'Max. Income' (or Maximum Income) shows the highest amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period.

HERDC Category 3: Industry and Other Research Income (Australian)

HERDC Category 3 (Australian) income refers to contracts, grant, donation, bequests and foundation income from Australian industry.

HERDC Category 3: Industry and Other Research Income (International A)

HERDC Category 3 (International A) income refers to competitive, peer reviewed grants for research from non-Australian industry or non-Australian Government agencies including non-Australian industry collaborative research grants.

HERDC Category 3: Industry and Other Research Income (International B)

HERDC Category 3 (International B) income refers to income from non-Australian Industry or Governments that cannot be included in International A research income.

HERDC Category 4: CRC Research Income

This table shows the total amount of HERDC Category 4 research income submitted to ERA 2010 for each year of the reference period. For ERA 2010, the reference period for research income was 2006—2008.

HERDC Category 4 income refers to income received by Cooperative Research Centres (CRCs) in which the relevant institution is a core participant (i.e. a signatory to the CRC's Commonwealth Agreement).

The 'Median Income' column shows the middle amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period. The 'Max. Income' (or Maximum Income) shows the highest amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period.

Staffing Profile

This table shows the number of staff submitted to ERA 2010 as of the staff census data (31 March 2009). Both the 'FTE' (Full-Time Equivalent) and 'Headcount' figures are shown. 'FTE' represent the time or workload of individuals employed while 'Headcount' represent the raw number of employees. Both 'FTE' and 'Headcount' are classified into Levels A-E and Other, as per the *Higher Education Staff Data Collection (HESDC) Specifications*.

Research Commercialisation Income

This table shows the total amount of Research Commercialisation Income submitted to ERA 2010 for each year of the reference period. For ERA 2010, the reference period for income was 2006—2008.

Research Commercialisation Income is defined as commercial returns via income and/or capital gains resulting from the commercialisation of research outputs, services and intellectual property. Under ERA 2010, research commercialisation income was treated as an 'applied measure' rather than as 'research income'.

The 'Median Income' column shows the middle amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period. The 'Max. Income' (or Maximum Income) shows the highest amount submitted to ERA 2010 from an individual institution for an FoR code across the three-year reference period.

Patents Sealed

This table shows the number of patents sealed by country or type submitted to ERA 2010 for the reference period. For ERA 2010, the reference period for patents was 2006—2008.

Patents sealed in Australia, Europe, Japan and United States are reported in ERA 2010. Patents sealed in other jurisdictions are grouped into the 'Other' category. Triadic patents are a series of corresponding patents filed at the European Patent Office (EPO), the United States Patent and Trademark Office (USPTO) and the Japan Patent Office (JPO), for the same invention by the same applicant or inventor. For the purpose of ERA 2010, triadic patents count as three patents in the national total.

Plant Breeder's Rights

This table shows the number of Plant Breeder's Rights (PBRs) submitted to ERA 2010 for the reference period. For ERA 2010, the reference period for PBRs was 2006—2008.

PBRs are proprietary rights held by breeders of certain new varieties of plants and fungi. Such rights are legally enforceable and give exclusive commercial rights to market a new variety or its propagating material for the duration of the PBR. For ERA 2010 purposes, PBRs were those granted under the *Plant Breeder's Rights Act 1994* or their international equivalents.

Only eligible disciplines in the environmental, biological and agricultural sciences and biotechnology submitted PBRs to ERA 2010.

NHMRC Endorsed Guidelines

This table shows the number of National Health and Medical Research Council (NHMRC) Endorsed Guidelines submitted to ERA 2010 for the reference period. For ERA 2010, the reference period for NHMRC Endorsed Guidelines was 2006—2008.

Guidelines endorsed by the NHMRC and those on population health, clinical practice and ethics may be produced by groups external to the NHMRC, or else developed by the NHMRC with the assistance of expert working groups.

Only eligible disciplines in medical and health sciences submitted NHMRC Endorsed Guidelines to ERA 2010.

Esteem

This table shows the number of esteem measures submitted to ERA 2010 for the reference period. For ERA 2010, the reference period for esteem measures was 2006—2008.

Esteem measures indicate that a researcher is held in particularly high regard by their peers or other qualified parties. Eligible esteem measures for ERA 2010 included:

- Editor of a prestigious work of reference.
- Fellowship of a learned academy and membership of AIATSIS.
- Recipient of a nationally-competitive research fellowship.
- Membership of a statutory committee.
- Recipient of an Australia Council grant or Australia Council fellowship.

The applicability of an esteem measure is dependent on the discipline.

RESEARCH OUTPUTS BY TYPE

| FOR Code | FOR Name | Book | Book Chapter | Journal/Article | Conference Paper | Curated or Exhibited Event | Live Performance | Original Creative Work | Recorded Rendered Work | Total* | % of Total | Portfolio |
|-----------|---|-----------|--------------|-----------------|------------------|----------------------------|------------------|------------------------|------------------------|---------------|------------|-----------|
| 01 | Mathematical Sciences | 80 | 393 | 7,004 | 1,182 | - | - | - | - | 8,659 | 3% | - |
| 0101 | Pure Mathematics | 31 | 90 | 2,099 | 143 | - | - | - | - | 2,363 | 1% | - |
| 0102 | Applied Mathematics | 16 | 127 | 2,265 | 502 | - | - | - | - | 2,910 | 1% | - |
| 0103 | Numerical and Computational Mathematics | 6 | 44 | 683 | 179 | - | - | - | - | 911 | 0% | - |
| 0104 | Statistics | 21 | 101 | 1,331 | 278 | - | - | - | - | 1,731 | 1% | - |
| 0105 | Mathematical Physics | 2 | 28 | 597 | 61 | - | - | - | - | 688 | 0% | - |
| 0199 | Other Mathematical Sciences | 4 | 3 | 29 | 19 | - | - | - | - | 55 | 0% | - |
| 02 | Physical Sciences | 24 | 328 | 11,149 | 2,165 | - | - | - | - | 13,666 | 4% | - |
| 0201 | Astronomical and Space Sciences | 2 | 69 | 2,953 | 349 | - | - | - | - | 3,374 | 1% | - |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 5 | 53 | 2,512 | 176 | - | - | - | - | 2,746 | 1% | - |
| 0203 | Classical Physics | 2 | 22 | 294 | 123 | - | - | - | - | 441 | 0% | - |
| 0204 | Condensed Matter Physics | 5 | 52 | 1,998 | 371 | - | - | - | - | 2,425 | 1% | - |
| 0205 | Optical Physics | 3 | 58 | 2,091 | 914 | - | - | - | - | 3,067 | 1% | - |
| 0206 | Quantum Physics | 5 | 31 | 707 | 94 | - | - | - | - | 837 | 0% | - |
| 0299 | Other Physical Sciences | 2 | 42 | 595 | 138 | - | - | - | - | 776 | 0% | - |
| 03 | Chemical Sciences | 14 | 371 | 10,930 | 600 | - | - | - | - | 11,915 | 4% | - |
| 0301 | Analytical Chemistry | 4 | 58 | 1,716 | 105 | - | - | - | - | 1,883 | 1% | - |
| 0302 | Inorganic Chemistry | 0 | 32 | 1,734 | 26 | - | - | - | - | 1,791 | 1% | - |
| 0303 | Macromolecular and Materials Chemistry | 2 | 59 | 1,232 | 120 | - | - | - | - | 1,415 | 0% | - |
| 0304 | Medicinal and Biomolecular Chemistry | 0 | 35 | 857 | 11 | - | - | - | - | 903 | 0% | - |
| 0305 | Organic Chemistry | 0 | 48 | 1,464 | 22 | - | - | - | - | 1,534 | 0% | - |
| 0306 | Physical Chemistry (Incl. Structural) | 6 | 89 | 3,322 | 247 | - | - | - | - | 3,664 | 1% | - |
| 0307 | Theoretical and Computational Chemistry | 1 | 19 | 339 | 16 | - | - | - | - | 375 | 0% | - |
| 0399 | Other Chemical Sciences | 1 | 32 | 266 | 51 | - | - | - | - | 350 | 0% | - |
| 04 | Earth Sciences | 31 | 460 | 6,842 | 925 | - | - | - | - | 8,258 | 2% | - |
| 0401 | Atmospheric Sciences | 0 | 28 | 490 | 39 | - | - | - | - | 557 | 0% | - |
| 0402 | Geochemistry | 3 | 56 | 843 | 147 | - | - | - | - | 1,048 | 0% | - |
| 0403 | Geology | 9 | 192 | 2,667 | 205 | - | - | - | - | 3,073 | 1% | - |
| 0404 | Geophysics | 1 | 26 | 849 | 147 | - | - | - | - | 1,023 | 0% | - |
| 0405 | Oceanography | 2 | 24 | 903 | 48 | - | - | - | - | 977 | 0% | - |
| 0406 | Physical Geography and Environmental Geoscience | 12 | 124 | 1,037 | 309 | - | - | - | - | 1,482 | 0% | - |
| 0499 | Other Earth Sciences | 4 | 11 | 52 | 30 | - | - | - | - | 97 | 0% | - |
| 05 | Environmental Sciences | 56 | 667 | 3,138 | 834 | - | - | - | - | 4,695 | 1% | - |
| 0501 | Ecological Applications | 6 | 82 | 458 | 50 | - | - | - | - | 596 | 0% | - |
| 0502 | Environmental Science and Management | 45 | 512 | 1,915 | 592 | - | - | - | - | 3,065 | 1% | - |
| 0503 | Soil Sciences | 1 | 56 | 649 | 136 | - | - | - | - | 842 | 0% | - |
| 0599 | Other Environmental Sciences | 4 | 16 | 117 | 56 | - | - | - | - | 192 | 0% | - |
| 06 | Biological Sciences | 68 | 1,284 | 21,394 | 658 | - | - | - | - | 23,404 | 7% | - |
| 0601 | Biochemistry and Cell Biology | 1 | 246 | 5,649 | 95 | - | - | - | - | 5,991 | 2% | - |
| 0602 | Ecology | 19 | 262 | 3,240 | 152 | - | - | - | - | 3,673 | 1% | - |
| 0603 | Evolutionary Biology | 11 | 98 | 931 | 15 | - | - | - | - | 1,055 | 0% | - |
| 0604 | Genetics | 3 | 149 | 2,228 | 141 | - | - | - | - | 2,520 | 1% | - |
| 0605 | Microbiology | 2 | 172 | 2,467 | 58 | - | - | - | - | 2,699 | 1% | - |
| 0606 | Physiology | 1 | 33 | 959 | 21 | - | - | - | - | 1,013 | 0% | - |
| 0607 | Plant Biology | 16 | 159 | 2,705 | 105 | - | - | - | - | 2,984 | 1% | - |
| 0608 | Zoology | 14 | 139 | 2,909 | 56 | - | - | - | - | 3,119 | 1% | - |
| 0699 | Other Biological Sciences | 2 | 27 | 306 | 16 | - | - | - | - | 350 | 0% | - |
| 07 | Agricultural and Veterinary Sciences | 35 | 484 | 6,459 | 1,562 | - | - | - | - | 8,539 | 3% | - |
| 0701 | Agriculture, Land and Farm Management | 6 | 46 | 403 | 145 | - | - | - | - | 600 | 0% | - |

RESEARCH OUTPUTS BY TYPE (CONT.)

| FoR Code | FoR Name | Book | Book Chapter | Journal/Article | Conference Paper | Curated or Exhibited Event | Live Performance | Original Creative Work | Recorded Rendered Work | Total* | % of Total | Portfolio |
|----------------|---|------------|--------------|-----------------|------------------|----------------------------|------------------|------------------------|------------------------|---------------|------------|-----------|
| 0702 | Animal Production | 6 | 52 | 743 | 437 | - | - | - | - | 1,238 | 0% | - |
| 0703 | Crop and Pasture Production | 4 | 130 | 1,442 | 482 | - | - | - | - | 2,057 | 1% | - |
| 0704 | Fisheries Sciences | 2 | 51 | 899 | 40 | - | - | - | - | 992 | 0% | - |
| 0705 | Forestry Sciences | 2 | 71 | 717 | 71 | - | - | - | - | 862 | 0% | - |
| 0706 | Horticultural Production | 7 | 33 | 466 | 121 | - | - | - | - | 626 | 0% | - |
| 0707 | Veterinary Sciences | 5 | 83 | 1,674 | 180 | - | - | - | - | 1,942 | 1% | - |
| 0799 | Other Agricultural and Veterinary Sciences | 4 | 17 | 114 | 87 | - | - | - | - | 221 | 0% | - |
| 08 | Information and Computing Sciences | 93 | 1,470 | 4,506 | 18,586 | - | - | - | - | 24,656 | 7% | - |
| 0801 | Artificial Intelligence and Image Processing | 29 | 444 | 1,086 | 5,850 | - | - | - | - | 7,409 | 2% | - |
| 0802 | Computer Theory and Mathematics | 8 | 92 | 502 | 845 | - | - | - | - | 1,447 | 0% | - |
| 0803 | Computer Software | 15 | 98 | 352 | 1,770 | - | - | - | - | 2,234 | 1% | - |
| 0804 | Data Format | 2 | 44 | 156 | 1,240 | - | - | - | - | 1,442 | 0% | - |
| 0805 | Distributed Computing | 3 | 64 | 404 | 1,369 | - | - | - | - | 1,839 | 1% | - |
| 0806 | Information Systems | 20 | 574 | 1,025 | 6,273 | - | - | - | - | 7,892 | 2% | - |
| 0807 | Library and Information Studies | 9 | 118 | 707 | 307 | - | - | - | - | 1,141 | 0% | - |
| 0899 | Other Information and Computing Sciences | 6 | 38 | 273 | 933 | - | - | - | - | 1,250 | 0% | - |
| 09 | Engineering | 93 | 1,012 | 19,776 | 16,502 | - | - | - | - | 37,382 | 11% | - |
| 0901 | Aerospace Engineering | 0 | 36 | 222 | 369 | - | - | - | - | 626 | 0% | - |
| 0902 | Automotive Engineering | 0 | 6 | 93 | 450 | - | - | - | - | 549 | 0% | - |
| 0903 | Biomedical Engineering | 1 | 56 | 1,104 | 657 | - | - | - | - | 1,818 | 1% | - |
| 0904 | Chemical Engineering | 8 | 99 | 3,146 | 652 | - | - | - | - | 3,905 | 1% | - |
| 0905 | Civil Engineering | 19 | 163 | 2,699 | 3,263 | - | - | - | - | 6,143 | 2% | - |
| 0906 | Electrical and Electronic Engineering | 27 | 172 | 3,150 | 3,982 | - | - | - | - | 7,331 | 2% | - |
| 0907 | Environmental Engineering | 4 | 36 | 677 | 536 | - | - | - | - | 1,254 | 0% | - |
| 0908 | Food Sciences | 2 | 45 | 540 | 89 | - | - | - | - | 676 | 0% | - |
| 0909 | Geomatic Engineering | 6 | 95 | 408 | 580 | - | - | - | - | 1,090 | 0% | - |
| 0910 | Manufacturing Engineering | 1 | 14 | 324 | 443 | - | - | - | - | 783 | 0% | - |
| 0911 | Maritime Engineering | 1 | 2 | 132 | 164 | - | - | - | - | 299 | 0% | - |
| 0912 | Materials Engineering | 7 | 92 | 4,221 | 870 | - | - | - | - | 5,190 | 2% | - |
| 0913 | Mechanical Engineering | 10 | 112 | 1,570 | 2,545 | - | - | - | - | 4,237 | 1% | - |
| 0914 | Resources Engineering and Extractive Metallurgy | 3 | 62 | 873 | 1,088 | - | - | - | - | 2,026 | 1% | - |
| 0915 | Interdisciplinary Engineering | 2 | 14 | 565 | 419 | - | - | - | - | 1,002 | 0% | - |
| 0999 | Other Engineering | 2 | 9 | 395 | 50 | - | - | - | - | 456 | 0% | - |
| 10(BB) | Technology | 3 | 55 | 436 | 127 | - | - | - | - | 621 | 0% | - |
| 1001 | Agricultural Biotechnology | 0 | 20 | 117 | 34 | - | - | - | - | 171 | 0% | - |
| 1002 | Environmental Biotechnology | 2 | 12 | 120 | 53 | - | - | - | - | 188 | 0% | - |
| 1003 | Industrial Biotechnology | 0 | 3 | 114 | 9 | - | - | - | - | 126 | 0% | - |
| 1004 | Medical Biotechnology | 1 | 20 | 85 | 30 | - | - | - | - | 136 | 0% | - |
| 10(MIC) | Technology | 11 | 100 | 743 | 3,464 | - | - | - | - | 4,318 | 1% | - |
| 1005 | Communications Technologies | 7 | 55 | 291 | 2,285 | - | - | - | - | 2,638 | 1% | - |
| 1006 | Computer Hardware | 1 | 3 | 2 | 850 | - | - | - | - | 856 | 0% | - |
| 1007 | Nanotechnology | 3 | 36 | 412 | 253 | - | - | - | - | 704 | 0% | - |
| 1099 | Other Technology | 0 | 7 | 38 | 75 | - | - | - | - | 120 | 0% | - |
| 11(BCH) | Medical and Health Sciences | 109 | 1,983 | 42,392 | 673 | - | - | - | - | 45,157 | 14% | - |
| 1101 | Medical Biochemistry and Metabolomics | 1 | 40 | 565 | 7 | - | - | - | - | 612 | 0% | - |
| 1102 | Cardiovascular Medicine and Haematology | 9 | 116 | 2,128 | 57 | - | - | - | - | 2,310 | 1% | - |
| 1103 | Clinical Sciences | 49 | 948 | 19,597 | 302 | - | - | - | - | 20,896 | 6% | - |
| 1105 | Dentistry | 18 | 36 | 1,028 | 23 | - | - | - | - | 1,105 | 0% | - |
| 1107 | Immunology | 1 | 79 | 2,140 | 8 | - | - | - | - | 2,228 | 1% | - |

RESEARCH OUTPUTS BY TYPE (CONT.)

| For Code | For Name | Book | Book Chapter | Journal Article | Conference Paper | Curated or Exhibited Event | Live Performance | Original Creative Work | Recorded Rendered Work | Total* | % of Total | Portfolio |
|----------------|---|------------|--------------|-----------------|------------------|----------------------------|------------------|------------------------|------------------------|---------------|------------|-----------|
| 1108 | Medical Microbiology | 0 | 66 | 1,333 | 5 | - | - | - | - | 1,404 | 0% | - |
| 1109 | Neurosciences | 10 | 247 | 3,731 | 69 | - | - | - | - | 4,056 | 1% | - |
| 1112 | Oncology and Carcinogenesis | 5 | 94 | 2,195 | 12 | - | - | - | - | 2,307 | 1% | - |
| 1113 | Ophthalmology and Optometry | 3 | 47 | 1,430 | 27 | - | - | - | - | 1,506 | 0% | - |
| 1114 | Paediatrics and Reproductive Medicine | 7 | 155 | 3,359 | 37 | - | - | - | - | 3,558 | 1% | - |
| 1115 | Pharmacology and Pharmaceutical Sciences | 4 | 101 | 3,539 | 86 | - | - | - | - | 3,729 | 1% | - |
| 1116 | Medical Physiology | 4 | 56 | 1,346 | 40 | - | - | - | - | 1,446 | 0% | - |
| 11(PAH) | Medical and Health Sciences | 191 | 1,645 | 15,600 | 1,256 | - | - | - | - | 18,692 | 6% | - |
| 1104 | Complementary and Alternative Medicine | 11 | 57 | 327 | 31 | - | - | - | - | 425 | 0% | - |
| 1106 | Human Movement and Sports Science | 25 | 236 | 2,301 | 329 | - | - | - | - | 2,892 | 1% | - |
| 1110 | Nursing | 21 | 223 | 2,740 | 113 | - | - | - | - | 3,098 | 1% | - |
| 1111 | Nutrition and Dietetics | 5 | 50 | 1,113 | 41 | - | - | - | - | 1,210 | 0% | - |
| 1117 | Public Health and Health Services | 124 | 1,016 | 8,838 | 669 | - | - | - | - | 10,648 | 3% | - |
| 1199 | Other Medical and Health Sciences | 4 | 62 | 280 | 73 | - | - | - | - | 419 | 0% | - |
| 12(EE) | Built Environment and Design | 11 | 81 | 406 | 1,063 | 1 | 0 | 8 | 2 | 1,571 | 0% | 0 |
| 1202 | Building | 11 | 81 | 406 | 1,034 | 1 | 0 | 3 | 2 | 1,537 | 0% | 0 |
| 1204 | Engineering Design | 0 | 1 | 0 | 28 | 0 | 0 | 5 | 0 | 34 | 0% | 0 |
| 12(HCA) | Built Environment and Design | 118 | 680 | 1,248 | 2,157 | 120 | 12 | 973 | 81 | 5,389 | 2% | 46 |
| 1201 | Architecture | 58 | 368 | 399 | 965 | 64 | 3 | 626 | 45 | 2,527 | 1% | 41 |
| 1203 | Design Practice and Management | 21 | 91 | 201 | 586 | 53 | 9 | 326 | 36 | 1,322 | 0% | 4 |
| 1205 | Urban and Regional Planning | 40 | 212 | 644 | 541 | 1 | 0 | 15 | 0 | 1,452 | 0% | 0 |
| 1299 | Other Built Environment and Design | 0 | 10 | 4 | 65 | 0 | 0 | 6 | 0 | 87 | 0% | 0 |
| 13 | Education | 330 | 2,914 | 7,560 | 5,772 | 3 | 1 | 80 | 10 | 16,669 | 5% | 1 |
| 1301 | Education Systems | 78 | 501 | 1,454 | 934 | 0 | 0 | 9 | 1 | 2,976 | 1% | 0 |
| 1302 | Curriculum and Pedagogy | 99 | 941 | 2,693 | 1,958 | 1 | 1 | 41 | 5 | 5,739 | 2% | 0 |
| 1303 | Specialist Studies in Education | 143 | 1,347 | 3,316 | 2,543 | 2 | 0 | 23 | 4 | 7,377 | 2% | 1 |
| 1399 | Other Education | 11 | 125 | 97 | 336 | 0 | 0 | 3 | 1 | 577 | 0% | 0 |
| 14 | Economics | 167 | 1,412 | 4,170 | 1,148 | - | - | - | - | 6,897 | 2% | - |
| 1401 | Economic Theory | 19 | 164 | 390 | 99 | - | - | - | - | 673 | 0% | - |
| 1402 | Applied Economics | 127 | 1,072 | 3,177 | 867 | - | - | - | - | 5,244 | 2% | - |
| 1403 | Econometrics | 5 | 55 | 271 | 94 | - | - | - | - | 425 | 0% | - |
| 1499 | Other Economics | 15 | 121 | 331 | 89 | - | - | - | - | 556 | 0% | - |
| 15 | Commerce, Management, Tourism and Services | 364 | 2,401 | 9,360 | 8,384 | 2 | 0 | 93 | 8 | 20,612 | 6% | 3 |
| 1501 | Accounting, Auditing and Accountability | 39 | 165 | 1,386 | 860 | 0 | 0 | 3 | 0 | 2,454 | 1% | 0 |
| 1502 | Banking, Finance and Investment | 27 | 136 | 977 | 337 | 0 | 0 | 5 | 0 | 1,482 | 0% | 0 |
| 1503 | Business and Management | 198 | 1,336 | 4,196 | 3,765 | 2 | 0 | 35 | 4 | 9,537 | 3% | 0 |
| 1504 | Commercial Services | 12 | 57 | 312 | 181 | 0 | 0 | 8 | 0 | 570 | 0% | 0 |
| 1505 | Marketing | 25 | 179 | 1,282 | 2,032 | 0 | 0 | 3 | 4 | 3,525 | 1% | 0 |
| 1506 | Tourism | 50 | 446 | 1,004 | 813 | 0 | 0 | 39 | 0 | 2,352 | 1% | 3 |
| 1507 | Transportation and Freight Services | 6 | 34 | 167 | 109 | 0 | 0 | 10 | 0 | 317 | 0% | 0 |
| 1599 | Other Commerce, Management, Tourism and Services | 7 | 47 | 35 | 286 | 0 | 0 | 0 | 0 | 375 | 0% | 0 |
| 16 | Studies in Human Society | 779 | 5,136 | 8,328 | 2,200 | 2 | 1 | 17 | 17 | 16,479 | 5% | 0 |
| 1601 | Anthropology | 52 | 419 | 586 | 61 | 2 | 1 | 17 | 17 | 1,153 | 0% | 0 |
| 1602 | Criminology | 49 | 281 | 476 | 86 | - | - | - | - | 892 | 0% | - |
| 1603 | Demography | 14 | 140 | 409 | 45 | - | - | - | - | 608 | 0% | - |
| 1604 | Human Geography | 29 | 286 | 661 | 120 | - | - | - | - | 1,096 | 0% | - |
| 1605 | Policy and Administration | 94 | 633 | 1,402 | 485 | - | - | - | - | 2,613 | 1% | - |
| 1606 | Political Science | 297 | 1,902 | 1,661 | 440 | - | - | - | - | 4,300 | 1% | - |
| 1607 | Social Work | 35 | 198 | 961 | 72 | - | - | - | - | 1,265 | 0% | - |

RESEARCH OUTPUTS BY TYPE (CONT.)

| FoR Code | FoR Name | Book | Book Chapter | Journal Article | Conference Paper | Curated or Exhibited Event | Live Performance | Original Creative Work | Recorded Rendered Work | Total* | % of Total | Portfolio |
|--------------|---|--------------|---------------|-----------------|------------------|----------------------------|------------------|------------------------|------------------------|----------------|-------------|------------|
| 1608 | Sociology | 170 | 1,033 | 1,582 | 753 | - | - | - | - | 3,537 | 1% | - |
| 1699 | Other Studies in Human Society | 40 | 245 | 591 | 139 | - | - | - | - | 1,016 | 0% | - |
| 17 | Psychology and Cognitive Sciences | 104 | 1,271 | 7,664 | 1,222 | - | - | - | - | 10,261 | 3% | - |
| 1701 | Psychology | 94 | 1,124 | 5,879 | 1,089 | - | - | - | - | 8,186 | 2% | - |
| 1702 | Cognitive Sciences | 7 | 113 | 1,755 | 105 | - | - | - | - | 1,981 | 1% | - |
| 1799 | Other Psychology and Cognitive Sciences | 3 | 34 | 30 | 28 | - | - | - | - | 94 | 0% | - |
| 18 | Law and Legal Studies | 374 | 1,908 | 5,544 | 440 | 0 | 0 | 96 | 4 | 8,366 | 3% | 6 |
| 1801 | Law | 370 | 1,896 | 5,542 | 436 | 0 | 0 | 92 | 4 | 8,341 | 3% | 5 |
| 1802 | Maori Law | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 |
| 1899 | Other Law and Legal Studies | 3 | 11 | 2 | 4 | 0 | 0 | 5 | 0 | 25 | 0% | 1 |
| 19 | Studies in Creative Arts and Writing | 265 | 1,247 | 1,960 | 874 | 559 | 1,779 | 7,492 | 1,073 | 15,247 | 5% | 307 |
| 1901 | Art Theory and Criticism | 53 | 273 | 356 | 77 | 80 | 0 | 522 | 5 | 1,366 | 0% | 16 |
| 1902 | Film, Television and Digital Media | 54 | 287 | 432 | 209 | 76 | 21 | 629 | 432 | 2,138 | 1% | 24 |
| 1903 | Journalism and Professional Writing | 32 | 62 | 235 | 92 | 2 | 3 | 607 | 39 | 1,071 | 0% | 53 |
| 1904 | Performing Arts and Creative Writing | 91 | 460 | 761 | 380 | 137 | 1,705 | 2,101 | 531 | 6,166 | 2% | 94 |
| 1905 | Visual Arts and Crafts | 32 | 144 | 150 | 91 | 264 | 46 | 3,614 | 64 | 4,406 | 1% | 121 |
| 1999 | Other Studies in Creative Arts and Writing | 3 | 21 | 26 | 25 | 0 | 4 | 19 | 3 | 101 | 0% | 0 |
| 20 | Language, Communication and Culture | 684 | 3,455 | 4,754 | 1,256 | 29 | 6 | 153 | 29 | 10,366 | 3% | 6 |
| 2001 | Communication and Media Studies | 79 | 433 | 621 | 310 | 1 | 2 | 34 | 10 | 1,490 | 0% | 0 |
| 2002 | Cultural Studies | 188 | 993 | 1,327 | 297 | 24 | 2 | 49 | 14 | 2,894 | 1% | 3 |
| 2003 | Language Studies | 60 | 217 | 228 | 134 | 0 | 1 | 6 | 2 | 647 | 0% | 0 |
| 2004 | Linguistics | 130 | 783 | 929 | 331 | 0 | 0 | 8 | 1 | 2,181 | 1% | 1 |
| 2005 | Literary Studies | 226 | 1,019 | 1,629 | 134 | 4 | 1 | 54 | 4 | 3,071 | 1% | 2 |
| 2099 | Other Language, Communication and Culture | 1 | 10 | 19 | 50 | 0 | 0 | 2 | 0 | 82 | 0% | 0 |
| 21 | History and Archaeology | 556 | 2,333 | 2,768 | 394 | 31 | 5 | 86 | 30 | 6,203 | 2% | 3 |
| 2101 | Archaeology | 58 | 445 | 653 | 64 | 8 | 0 | 37 | 2 | 1,267 | 0% | 1 |
| 2102 | Curatorial and Related Studies | 4 | 47 | 196 | 28 | 13 | 0 | 11 | 1 | 300 | 0% | 1 |
| 2103 | Historical Studies | 492 | 1,817 | 1,917 | 294 | 10 | 5 | 34 | 27 | 4,597 | 1% | 2 |
| 2199 | Other History and Archaeology | 3 | 23 | 2 | 8 | 0 | 0 | 4 | 0 | 39 | 0% | 0 |
| 22 | Philosophy and Religious Studies | 351 | 1,666 | 2,686 | 299 | 3 | 4 | 54 | 6 | 5,068 | 2% | 2 |
| 2201 | Applied Ethics | 38 | 207 | 322 | 74 | 0 | 0 | 2 | 1 | 646 | 0% | 0 |
| 2202 | History and Philosophy of Specific Fields | 63 | 291 | 526 | 81 | 1 | 0 | 1 | 1 | 962 | 0% | 0 |
| 2203 | Philosophy | 114 | 603 | 1,089 | 73 | 2 | 3 | 23 | 1 | 1,907 | 1% | 1 |
| 2204 | Religion and Religious Studies | 132 | 553 | 742 | 58 | 1 | 1 | 26 | 3 | 1,515 | 0% | 1 |
| 2299 | Other Philosophy and Religious Studies | 4 | 13 | 9 | 13 | 0 | 0 | 1 | 0 | 39 | 0% | 0 |
| Total | | 4,912 | 34,755 | 206,816 | 73,741 | 750 | 1,807 | 9,052 | 1,260 | 333,093 | 100% | 374 |

RESEARCH OUTPUTS BY YEAR

| For Code | For Name | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Total |
|-----------|---|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 01 | Mathematical Sciences | 1,249 | 1,395 | 1,442 | 1,465 | 1,508 | 1,600 | 8,659 |
| 0101 | Pure Mathematics | 359 | 400 | 395 | 410 | 385 | 413 | 2,363 |
| 0102 | Applied Mathematics | 406 | 425 | 460 | 471 | 559 | 590 | 2,910 |
| 0103 | Numerical and Computational Mathematics | 112 | 157 | 152 | 146 | 152 | 193 | 911 |
| 0104 | Statistics | 251 | 268 | 309 | 297 | 287 | 319 | 1,731 |
| 0105 | Mathematical Physics | 110 | 136 | 115 | 129 | 117 | 80 | 688 |
| 0199 | Other Mathematical Sciences | 10 | 8 | 11 | 12 | 8 | 5 | 55 |
| 02 | Physical Sciences | 1,906 | 2,161 | 2,384 | 2,568 | 2,248 | 2,400 | 13,666 |
| 0201 | Astronomical and Space Sciences | 443 | 554 | 563 | 621 | 567 | 626 | 3,374 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 431 | 425 | 494 | 498 | 440 | 457 | 2,746 |
| 0203 | Classical Physics | 61 | 68 | 84 | 84 | 74 | 70 | 441 |
| 0204 | Condensed Matter Physics | 343 | 412 | 401 | 480 | 389 | 401 | 2,425 |
| 0205 | Optical Physics | 401 | 444 | 568 | 612 | 494 | 549 | 3,067 |
| 0206 | Quantum Physics | 128 | 153 | 136 | 136 | 153 | 131 | 837 |
| 0299 | Other Physical Sciences | 99 | 106 | 138 | 136 | 131 | 166 | 776 |
| 03 | Chemical Sciences | 1,834 | 1,898 | 1,977 | 2,076 | 2,091 | 2,040 | 11,915 |
| 0301 | Analytical Chemistry | 286 | 271 | 312 | 318 | 338 | 338 | 1,883 |
| 0302 | Inorganic Chemistry | 300 | 298 | 289 | 308 | 319 | 278 | 1,791 |
| 0303 | Macromolecular and Materials Chemistry | 186 | 228 | 229 | 244 | 257 | 271 | 1,415 |
| 0304 | Medicinal and Biomolecular Chemistry | 139 | 116 | 127 | 161 | 194 | 166 | 903 |
| 0305 | Organic Chemistry | 261 | 273 | 274 | 244 | 237 | 246 | 1,534 |
| 0306 | Physical Chemistry (Incl. Structural) | 560 | 580 | 614 | 681 | 607 | 623 | 3,664 |
| 0307 | Theoretical and Computational Chemistry | 52 | 65 | 71 | 66 | 61 | 61 | 375 |
| 0399 | Other Chemical Sciences | 50 | 68 | 61 | 53 | 59 | 58 | 350 |
| 04 | Earth Sciences | 1,216 | 1,296 | 1,352 | 1,417 | 1,487 | 1,490 | 8,258 |
| 0401 | Atmospheric Sciences | 87 | 101 | 105 | 74 | 93 | 97 | 557 |
| 0402 | Geochemistry | 151 | 174 | 175 | 184 | 183 | 181 | 1,048 |
| 0403 | Geology | 482 | 524 | 489 | 515 | 528 | 534 | 3,073 |
| 0404 | Geophysics | 154 | 151 | 139 | 191 | 199 | 190 | 1,023 |
| 0405 | Oceanography | 136 | 133 | 169 | 183 | 159 | 198 | 977 |
| 0406 | Physical Geography and Environmental Geoscience | 189 | 203 | 263 | 255 | 308 | 265 | 1,482 |
| 0499 | Other Earth Sciences | 16 | 10 | 14 | 14 | 17 | 26 | 97 |
| 05 | Environmental Sciences | 647 | 739 | 746 | 853 | 856 | 853 | 4,695 |
| 0501 | Ecological Applications | 78 | 76 | 95 | 99 | 134 | 115 | 596 |
| 0502 | Environmental Science and Management | 427 | 460 | 471 | 571 | 562 | 574 | 3,065 |
| 0503 | Soil Sciences | 120 | 169 | 144 | 140 | 134 | 136 | 842 |
| 0599 | Other Environmental Sciences | 22 | 34 | 37 | 44 | 26 | 29 | 192 |
| 06 | Biological Sciences | 3,472 | 3,692 | 3,858 | 4,087 | 4,162 | 4,133 | 23,404 |
| 0601 | Biochemistry and Cell Biology | 883 | 1,013 | 1,012 | 1,050 | 1,022 | 1,010 | 5,991 |
| 0602 | Ecology | 484 | 545 | 596 | 651 | 712 | 685 | 3,673 |
| 0603 | Evolutionary Biology | 167 | 145 | 177 | 190 | 176 | 199 | 1,055 |
| 0604 | Genetics | 353 | 386 | 414 | 482 | 467 | 461 | 2,520 |
| 0605 | Microbiology | 392 | 428 | 476 | 488 | 454 | 461 | 2,699 |
| 0606 | Physiology | 159 | 175 | 155 | 166 | 188 | 171 | 1,013 |
| 0607 | Plant Biology | 497 | 470 | 497 | 493 | 522 | 507 | 2,984 |
| 0608 | Zoology | 491 | 484 | 473 | 577 | 541 | 553 | 3,119 |
| 0699 | Other Biological Sciences | 46 | 47 | 57 | 54 | 65 | 81 | 350 |
| 07 | Agricultural and Veterinary Sciences | 1,306 | 1,262 | 1,413 | 1,595 | 1,444 | 1,520 | 8,539 |
| 0701 | Agriculture, Land and Farm Management | 90 | 91 | 111 | 131 | 81 | 96 | 600 |

RESEARCH OUTPUTS BY YEAR (CONT.)

| FoR Code | FoR Name | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Total |
|----------------|---|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 0702 | Animal Production | 205 | 169 | 258 | 161 | 242 | 203 | 1,238 |
| 0703 | Crop and Pasture Production | 314 | 308 | 278 | 419 | 320 | 418 | 2,057 |
| 0704 | Fisheries Sciences | 142 | 138 | 142 | 183 | 196 | 191 | 992 |
| 0705 | Forestry Sciences | 149 | 125 | 158 | 145 | 135 | 150 | 862 |
| 0706 | Horticultural Production | 82 | 117 | 122 | 128 | 89 | 88 | 626 |
| 0707 | Veterinary Sciences | 294 | 276 | 391 | 276 | 331 | 337 | 1,942 |
| 0799 | Other Agricultural and Veterinary Sciences | 29 | 38 | 31 | 37 | 49 | 38 | 221 |
| 08 | Information and Computing Sciences | 3,367 | 3,878 | 4,414 | 4,306 | 4,487 | 4,203 | 24,656 |
| 0801 | Artificial Intelligence and Image Processing | 1,017 | 1,147 | 1,308 | 1,272 | 1,377 | 1,289 | 7,409 |
| 0802 | Computation Theory and Mathematics | 219 | 224 | 261 | 261 | 230 | 253 | 1,447 |
| 0803 | Computer Software | 296 | 370 | 411 | 393 | 390 | 375 | 2,234 |
| 0804 | Data Format | 171 | 195 | 248 | 271 | 283 | 273 | 1,442 |
| 0805 | Distributed Computing | 215 | 303 | 351 | 311 | 325 | 335 | 1,839 |
| 0806 | Information Systems | 1,145 | 1,293 | 1,470 | 1,307 | 1,418 | 1,258 | 7,892 |
| 0807 | Library and Information Studies | 126 | 165 | 190 | 255 | 221 | 184 | 1,141 |
| 0899 | Other Information and Computing Sciences | 177 | 181 | 175 | 237 | 244 | 236 | 1,250 |
| 09 | Engineering | 5,045 | 5,398 | 6,235 | 6,620 | 7,071 | 7,013 | 37,382 |
| 0901 | Aerospace Engineering | 85 | 102 | 106 | 134 | 114 | 86 | 626 |
| 0902 | Automotive Engineering | 35 | 103 | 81 | 93 | 117 | 120 | 549 |
| 0903 | Biomedical Engineering | 177 | 236 | 305 | 335 | 365 | 400 | 1,818 |
| 0904 | Chemical Engineering | 545 | 517 | 703 | 706 | 699 | 735 | 3,905 |
| 0905 | Civil Engineering | 822 | 839 | 1,075 | 1,067 | 1,086 | 1,254 | 6,143 |
| 0906 | Electrical and Electronic Engineering | 968 | 1,031 | 1,200 | 1,311 | 1,371 | 1,449 | 7,331 |
| 0907 | Environmental Engineering | 196 | 220 | 215 | 236 | 224 | 224 | 1,254 |
| 0908 | Food Sciences | 95 | 91 | 98 | 102 | 139 | 151 | 676 |
| 0909 | Geomatic Engineering | 148 | 135 | 168 | 209 | 213 | 217 | 1,090 |
| 0910 | Manufacturing Engineering | 88 | 117 | 145 | 123 | 181 | 130 | 783 |
| 0911 | Maritime Engineering | 55 | 32 | 61 | 47 | 61 | 42 | 299 |
| 0912 | Materials Engineering | 788 | 790 | 828 | 926 | 966 | 892 | 5,190 |
| 0913 | Mechanical Engineering | 548 | 713 | 697 | 681 | 861 | 736 | 4,237 |
| 0914 | Resources Engineering and Extractive Metallurgy | 293 | 275 | 310 | 401 | 394 | 353 | 2,026 |
| 0915 | Interdisciplinary Engineering | 137 | 166 | 176 | 192 | 179 | 152 | 1,002 |
| 0999 | Other Engineering | 64 | 88 | 65 | 79 | 89 | 71 | 456 |
| 10(BB) | Technology | 77 | 81 | 101 | 118 | 123 | 120 | 621 |
| 1001 | Agricultural Biotechnology | 17 | 27 | 25 | 42 | 35 | 26 | 171 |
| 1002 | Environmental Biotechnology | 26 | 23 | 31 | 37 | 35 | 37 | 188 |
| 1003 | Industrial Biotechnology | 22 | 12 | 25 | 18 | 23 | 27 | 126 |
| 1004 | Medical Biotechnology | 12 | 19 | 20 | 23 | 30 | 31 | 136 |
| 10(MIC) | Technology | 513 | 619 | 801 | 864 | 771 | 750 | 4,318 |
| 1005 | Communications Technologies | 336 | 373 | 495 | 553 | 473 | 408 | 2,638 |
| 1006 | Computer Hardware | 90 | 142 | 163 | 144 | 151 | 165 | 856 |
| 1007 | Nanotechnology | 68 | 93 | 116 | 152 | 123 | 152 | 704 |
| 1099 | Other Technology | 19 | 11 | 27 | 15 | 24 | 25 | 120 |
| 11(BCH) | Medical and Health Sciences | 6,360 | 7,122 | 7,259 | 8,083 | 7,970 | 8,363 | 45,157 |
| 1101 | Medical Biochemistry and Metabolomics | 96 | 92 | 98 | 104 | 111 | 111 | 612 |
| 1102 | Cardiovascular Medicine and Haematology | 324 | 377 | 389 | 414 | 377 | 430 | 2,310 |
| 1103 | Clinical Sciences | 2,919 | 3,315 | 3,336 | 3,746 | 3,692 | 3,888 | 20,896 |
| 1105 | Dentistry | 155 | 156 | 185 | 189 | 250 | 171 | 1,105 |
| 1107 | Immunology | 317 | 355 | 342 | 398 | 410 | 405 | 2,228 |

RESEARCH OUTPUTS BY YEAR (CONT.)

| For Code | For Name | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Total |
|----------------|---|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 1108 | Medical Microbiology | 201 | 202 | 215 | 247 | 264 | 275 | 1,404 |
| 1109 | Neurosciences | 624 | 645 | 656 | 705 | 706 | 719 | 4,056 |
| 1112 | Oncology and Carcinogenesis | 281 | 367 | 387 | 417 | 385 | 469 | 2,307 |
| 1113 | Ophthalmology and Optometry | 205 | 213 | 230 | 294 | 272 | 292 | 1,506 |
| 1114 | Paediatrics and Reproductive Medicine | 532 | 586 | 565 | 629 | 629 | 617 | 3,558 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 491 | 593 | 611 | 699 | 612 | 723 | 3,729 |
| 1116 | Medical Physiology | 214 | 221 | 246 | 240 | 263 | 262 | 1,446 |
| 11(PAH) | Medical and Health Sciences | 2,332 | 2,757 | 2,951 | 3,345 | 3,555 | 3,751 | 18,692 |
| 1104 | Complementary and Alternative Medicine | 55 | 56 | 68 | 76 | 84 | 87 | 425 |
| 1106 | Human Movement and Sports Science | 349 | 442 | 465 | 515 | 537 | 583 | 2,892 |
| 1110 | Nursing | 394 | 432 | 485 | 563 | 613 | 610 | 3,098 |
| 1111 | Nutrition and Dietetics | 168 | 167 | 146 | 214 | 251 | 264 | 1,210 |
| 1117 | Public Health and Health Services | 1,326 | 1,585 | 1,724 | 1,907 | 1,987 | 2,120 | 10,648 |
| 1199 | Other Medical and Health Sciences | 40 | 75 | 62 | 70 | 84 | 88 | 419 |
| 12(EE) | Built Environment and Design | 217 | 219 | 219 | 292 | 301 | 324 | 1,571 |
| 1202 | Building | 216 | 213 | 213 | 291 | 289 | 315 | 1,537 |
| 1204 | Engineering Design | 1 | 6 | 6 | 1 | 12 | 9 | 34 |
| 12(HCA) | Built Environment and Design | 644 | 766 | 857 | 911 | 1,154 | 1,057 | 5,389 |
| 1201 | Architecture | 349 | 356 | 397 | 450 | 515 | 461 | 2,527 |
| 1203 | Design Practice and Management | 123 | 193 | 215 | 213 | 311 | 267 | 1,322 |
| 1205 | Urban and Regional Planning | 161 | 210 | 224 | 227 | 313 | 316 | 1,452 |
| 1299 | Other Built Environment and Design | 11 | 7 | 21 | 20 | 15 | 14 | 87 |
| 13 | Education | 2,213 | 2,592 | 2,820 | 2,843 | 3,027 | 3,174 | 16,669 |
| 1301 | Education Systems | 436 | 499 | 493 | 467 | 496 | 586 | 2,976 |
| 1302 | Curriculum and Pedagogy | 748 | 812 | 965 | 981 | 1,054 | 1,178 | 5,739 |
| 1303 | Specialist Studies in Education | 966 | 1,204 | 1,260 | 1,279 | 1,361 | 1,307 | 7,377 |
| 1399 | Other Education | 64 | 78 | 102 | 116 | 116 | 103 | 577 |
| 14 | Economics | 958 | 1,058 | 1,117 | 1,318 | 1,248 | 1,197 | 6,897 |
| 1401 | Economic Theory | 99 | 110 | 113 | 116 | 135 | 100 | 673 |
| 1402 | Applied Economics | 728 | 810 | 829 | 1,022 | 930 | 924 | 5,244 |
| 1403 | Econometrics | 43 | 64 | 88 | 82 | 67 | 81 | 425 |
| 1499 | Other Economics | 88 | 74 | 87 | 97 | 117 | 93 | 556 |
| 15 | Commerce, Management, Tourism and Services | 2,637 | 3,059 | 3,601 | 3,824 | 3,708 | 3,783 | 20,612 |
| 1501 | Accounting, Auditing and Accountability | 274 | 357 | 393 | 432 | 488 | 510 | 2,454 |
| 1502 | Banking, Finance and Investment | 143 | 209 | 263 | 281 | 299 | 287 | 1,482 |
| 1503 | Business and Management | 1,257 | 1,409 | 1,697 | 1,790 | 1,718 | 1,667 | 9,537 |
| 1504 | Commercial Services | 95 | 78 | 90 | 92 | 95 | 121 | 570 |
| 1505 | Marketing | 467 | 516 | 662 | 668 | 594 | 620 | 3,525 |
| 1506 | Tourism | 310 | 379 | 370 | 443 | 391 | 459 | 2,352 |
| 1507 | Transportation and Freight Services | 49 | 36 | 52 | 52 | 72 | 55 | 317 |
| 1599 | Other Commerce, Management, Tourism and Services | 43 | 75 | 74 | 68 | 51 | 65 | 375 |
| 16 | Studies in Human Society | 2,127 | 2,294 | 2,750 | 2,986 | 3,069 | 3,254 | 16,480 |
| 1601 | Anthropology | 160 | 142 | 201 | 206 | 189 | 254 | 1,153 |
| 1602 | Criminology | 112 | 112 | 130 | 172 | 160 | 206 | 892 |
| 1603 | Demography | 95 | 93 | 101 | 113 | 110 | 95 | 608 |
| 1604 | Human Geography | 143 | 141 | 184 | 208 | 208 | 211 | 1,096 |
| 1605 | Policy and Administration | 341 | 352 | 452 | 501 | 482 | 486 | 2,613 |
| 1606 | Political Science | 518 | 611 | 712 | 759 | 821 | 879 | 4,300 |
| 1607 | Social Work | 172 | 169 | 206 | 218 | 254 | 246 | 1,265 |

RESEARCH OUTPUTS BY YEAR (CONT.)

| FoR Code | FoR Name | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Total |
|--------------|---|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| 1608 | Sociology | 446 | 514 | 594 | 645 | 650 | 688 | 3,537 |
| 1699 | Other Studies in Human Society | 139 | 159 | 170 | 164 | 196 | 189 | 1,016 |
| 17 | Psychology and Cognitive Sciences | 1,312 | 1,549 | 1,671 | 1,879 | 1,860 | 1,990 | 10,261 |
| 1701 | Psychology | 1,053 | 1,221 | 1,324 | 1,487 | 1,498 | 1,603 | 8,186 |
| 1702 | Cognitive Sciences | 255 | 321 | 330 | 380 | 334 | 362 | 1,981 |
| 1799 | Other Psychology and Cognitive Sciences | 5 | 8 | 16 | 12 | 28 | 25 | 94 |
| 18 | Law and Legal Studies | 1,096 | 1,206 | 1,381 | 1,518 | 1,600 | 1,564 | 8,366 |
| 1801 | Law | 1,092 | 1,203 | 1,376 | 1,514 | 1,592 | 1,563 | 8,341 |
| 1802 | Maori Law | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1899 | Other Law and Legal Studies | 4 | 3 | 5 | 3 | 8 | 2 | 25 |
| 19 | Studies in Creative Arts and Writing | 1,959 | 2,185 | 2,438 | 2,839 | 2,782 | 3,044 | 15,247 |
| 1901 | Art Theory and Criticism | 172 | 198 | 229 | 238 | 277 | 252 | 1,366 |
| 1902 | Film, Television and Digital Media | 296 | 300 | 361 | 372 | 405 | 403 | 2,138 |
| 1903 | Journalism and Professional Writing | 127 | 139 | 186 | 229 | 214 | 175 | 1,071 |
| 1904 | Performing Arts and Creative Writing | 805 | 931 | 914 | 1,164 | 1,085 | 1,266 | 6,166 |
| 1905 | Visual Arts and Crafts | 544 | 603 | 730 | 819 | 787 | 923 | 4,406 |
| 1999 | Other Studies in Creative Arts and Writing | 14 | 14 | 18 | 16 | 15 | 24 | 101 |
| 20 | Language, Communication and Culture | 1,359 | 1,620 | 1,613 | 1,777 | 2,005 | 1,992 | 10,366 |
| 2001 | Communication and Media Studies | 169 | 216 | 241 | 254 | 288 | 322 | 1,490 |
| 2002 | Cultural Studies | 352 | 405 | 429 | 511 | 573 | 625 | 2,894 |
| 2003 | Language Studies | 75 | 110 | 108 | 111 | 123 | 120 | 647 |
| 2004 | Linguistics | 291 | 335 | 335 | 366 | 429 | 425 | 2,181 |
| 2005 | Literary Studies | 458 | 542 | 493 | 520 | 580 | 479 | 3,071 |
| 2099 | Other Language, Communication and Culture | 14 | 13 | 7 | 15 | 13 | 21 | 82 |
| 21 | History and Archaeology | 863 | 1,015 | 1,055 | 1,090 | 1,094 | 1,086 | 6,203 |
| 2101 | Archaeology | 157 | 216 | 202 | 241 | 226 | 225 | 1,267 |
| 2102 | Curatorial and Related Studies | 47 | 54 | 44 | 54 | 53 | 48 | 300 |
| 2103 | Historical Studies | 657 | 739 | 798 | 787 | 810 | 806 | 4,597 |
| 2199 | Other History and Archaeology | 3 | 6 | 11 | 8 | 5 | 7 | 39 |
| 22 | Philosophy and Religious Studies | 656 | 820 | 807 | 893 | 936 | 957 | 5,068 |
| 2201 | Applied Ethics | 70 | 100 | 122 | 116 | 110 | 128 | 646 |
| 2202 | History and Philosophy of Specific Fields | 137 | 149 | 147 | 141 | 193 | 195 | 962 |
| 2203 | Philosophy | 254 | 305 | 293 | 361 | 338 | 358 | 1,907 |
| 2204 | Religion and Religious Studies | 195 | 261 | 235 | 268 | 288 | 268 | 1,515 |
| 2299 | Other Philosophy and Religious Studies | 1 | 6 | 10 | 7 | 7 | 9 | 39 |
| Total | | 45,365 | 50,682 | 55,263 | 59,567 | 60,557 | 61,659 | 333,093 |

HERDC CATEGORY 1: AUSTRALIAN COMPETITIVE GRANTS RESEARCH INCOME

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| 01 | Mathematical Sciences | 971,209 | 14,469,686 | 21,842,484 | 23,886,374 | 24,421,744 | 70,150,603 |
| 0101 | Pure Mathematics | 401,081 | 3,072,383 | 6,023,329 | 6,371,687 | 6,488,637 | 18,883,653 |
| 0102 | Applied Mathematics | 328,721 | 3,718,358 | 5,032,118 | 5,863,144 | 7,103,906 | 17,999,168 |
| 0103 | Numerical and Computational Mathematics | 208,708 | 1,559,712 | 2,488,285 | 2,454,357 | 1,600,523 | 6,543,165 |
| 0104 | Statistics | 383,705 | 4,150,959 | 5,179,718 | 6,057,405 | 5,822,993 | 17,060,115 |
| 0105 | Mathematical Physics | 343,436 | 3,736,069 | 3,111,535 | 3,078,566 | 3,223,743 | 9,413,844 |
| 0199 | Other Mathematical Sciences | 125,329 | 127,004 | 7,500 | 61,215 | 181,943 | 250,658 |
| 02 | Physical Sciences | 1,879,591 | 35,219,655 | 46,431,867 | 44,106,276 | 45,725,004 | 136,263,146 |
| 0201 | Astronomical and Space Sciences | 712,526 | 5,080,308 | 6,903,308 | 6,713,323 | 7,146,100 | 20,762,883 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 1,016,200 | 6,889,026 | 8,714,221 | 7,087,659 | 7,486,886 | 23,288,767 |
| 0203 | Classical Physics | 121,672 | 2,005,331 | 1,024,493 | 1,408,299 | 1,069,458 | 3,502,250 |
| 0204 | Condensed Matter Physics | 937,646 | 8,738,431 | 8,419,390 | 9,267,151 | 9,993,368 | 27,679,910 |
| 0205 | Optical Physics | 1,192,080 | 7,629,125 | 9,231,684 | 8,403,513 | 9,068,000 | 26,703,198 |
| 0206 | Quantum Physics | 625,042 | 7,636,474 | 6,834,202 | 6,639,380 | 6,299,451 | 19,773,034 |
| 0299 | Other Physical Sciences | 133,173 | 4,435,977 | 5,304,416 | 4,586,950 | 4,661,740 | 14,553,105 |
| 03 | Chemical Sciences | 1,733,785 | 21,779,195 | 48,659,325 | 49,367,140 | 48,569,829 | 146,596,295 |
| 0301 | Analytical Chemistry | 121,926 | 4,485,640 | 4,748,868 | 4,517,489 | 4,470,598 | 13,736,954 |
| 0302 | Inorganic Chemistry | 482,701 | 3,496,827 | 5,262,353 | 5,030,588 | 5,037,297 | 15,330,238 |
| 0303 | Macromolecular and Materials Chemistry | 759,924 | 6,306,535 | 8,400,721 | 8,962,588 | 9,510,568 | 26,873,877 |
| 0304 | Medicinal and Biomolecular Chemistry | 128,700 | 7,190,352 | 6,712,177 | 6,573,682 | 6,702,188 | 19,988,046 |
| 0305 | Organic Chemistry | 378,102 | 5,159,111 | 6,528,476 | 6,262,618 | 5,783,406 | 18,574,900 |
| 0306 | Physical Chemistry (Incl. Structural) | 785,794 | 7,216,717 | 12,942,742 | 13,445,489 | 12,709,208 | 39,097,439 |
| 0307 | Theoretical and Computational Chemistry | 242,316 | 2,642,964 | 2,454,965 | 2,751,874 | 2,803,490 | 8,010,329 |
| 0399 | Other Chemical Sciences | 120,736 | 1,620,841 | 1,609,023 | 1,822,843 | 1,553,075 | 4,984,911 |
| 04 | Earth Sciences | 638,766 | 12,898,590 | 23,901,348 | 25,552,319 | 25,478,896 | 74,932,562 |
| 0401 | Atmospheric Sciences | 149,501 | 1,924,598 | 2,248,446 | 3,010,468 | 2,274,914 | 7,533,828 |
| 0402 | Geochemistry | 521,962 | 3,042,714 | 4,928,918 | 5,176,014 | 5,801,768 | 15,906,700 |
| 0403 | Geology | 896,754 | 8,686,707 | 10,456,524 | 10,068,629 | 9,647,851 | 30,173,004 |
| 0404 | Geophysics | 200,112 | 1,744,987 | 1,644,037 | 1,706,395 | 1,746,984 | 5,097,417 |
| 0405 | Oceanography | 86,994 | 1,899,569 | 1,209,887 | 1,870,743 | 2,400,810 | 5,481,439 |
| 0406 | Physical Geography and Environmental Geoscience | 188,005 | 2,311,915 | 3,349,755 | 3,636,203 | 3,487,492 | 10,473,450 |
| 0499 | Other Earth Sciences | 14,702 | 135,520 | 63,782 | 83,868 | 119,076 | 266,726 |
| 05 | Environmental Sciences | 1,046,173 | 13,442,748 | 23,900,582 | 28,847,555 | 29,651,333 | 82,399,470 |
| 0501 | Ecological Applications | 143,194 | 970,039 | 1,887,582 | 2,147,653 | 2,156,392 | 6,191,627 |
| 0502 | Environmental Science and Management | 567,536 | 9,095,622 | 13,557,578 | 21,014,120 | 21,508,833 | 56,080,531 |
| 0503 | Soil Sciences | 226,003 | 6,194,721 | 8,406,318 | 5,537,002 | 5,874,382 | 19,817,701 |
| 0599 | Other Environmental Sciences | 22,134 | 138,262 | 49,104 | 148,780 | 111,726 | 309,610 |
| 06 | Biological Sciences | 3,922,540 | 84,756,225 | 140,916,418 | 153,931,759 | 170,116,181 | 464,964,357 |
| 0601 | Biochemistry and Cell Biology | 784,185 | 39,246,530 | 51,626,472 | 58,992,564 | 67,251,280 | 177,870,316 |
| 0602 | Ecology | 626,220 | 5,841,801 | 13,692,079 | 15,862,069 | 16,993,877 | 46,548,025 |
| 0603 | Evolutionary Biology | 428,639 | 3,441,816 | 5,602,451 | 6,484,105 | 5,815,780 | 17,903,337 |
| 0604 | Genetics | 359,818 | 18,016,227 | 28,139,435 | 32,351,298 | 34,674,998 | 95,165,731 |
| 0605 | Microbiology | 427,146 | 8,188,015 | 12,968,107 | 11,551,363 | 13,886,919 | 38,406,389 |
| 0606 | Physiology | 162,718 | 3,122,345 | 5,739,632 | 5,368,864 | 6,095,016 | 17,203,512 |
| 0607 | Plant Biology | 458,198 | 15,706,652 | 16,021,126 | 16,128,825 | 16,236,610 | 48,386,562 |
| 0608 | Zoology | 290,055 | 7,572,286 | 6,347,096 | 6,687,920 | 7,904,814 | 20,939,829 |
| 0699 | Other Biological Sciences | 127,044 | 539,382 | 780,020 | 504,751 | 1,256,886 | 2,541,657 |
| 07 | Agricultural and Veterinary Sciences | 1,312,553 | 38,928,626 | 75,801,013 | 74,101,444 | 72,868,375 | 222,770,832 |
| 0701 | Agriculture, Land and Farm Management | 128,308 | 6,658,966 | 6,344,388 | 3,552,016 | 4,887,541 | 14,783,945 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 1: AUSTRALIAN COMPETITIVE GRANTS RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 0702 | Animal Production | 345,065 | 6,768,106 | 9,804,685 | 11,972,924 | 9,656,916 | 31,434,525 |
| 0703 | Crop and Pasture Production | 237,766 | 29,748,891 | 32,689,289 | 31,575,196 | 32,341,696 | 96,606,181 |
| 0704 | Fisheries Sciences | 245,294 | 5,734,026 | 5,122,386 | 6,417,879 | 6,006,617 | 17,546,882 |
| 0705 | Forestry Sciences | 1,16,491 | 2,357,037 | 2,966,541 | 3,068,268 | 4,161,659 | 10,196,467 |
| 0706 | Horticultural Production | 402,936 | 7,971,478 | 8,763,788 | 9,228,975 | 7,354,074 | 25,346,837 |
| 0707 | Veterinary Sciences | 307,377 | 8,241,896 | 9,589,299 | 7,432,715 | 7,893,004 | 24,915,018 |
| 0799 | Other Agricultural and Veterinary Sciences | 64,058 | 467,428 | 520,637 | 853,472 | 566,867 | 1,940,976 |
| 08 | Information and Computing Sciences | 1,320,054 | 8,828,061 | 26,686,730 | 25,512,461 | 25,196,860 | 77,396,051 |
| 0801 | Artificial Intelligence and Image Processing | 560,338 | 6,780,713 | 10,246,560 | 11,083,799 | 11,032,389 | 32,362,748 |
| 0802 | Computation Theory and Mathematics | 251,083 | 1,242,225 | 2,260,739 | 2,147,213 | 1,865,279 | 6,273,231 |
| 0803 | Computer Software | 227,146 | 1,522,037 | 2,238,968 | 2,068,437 | 2,063,527 | 6,370,932 |
| 0804 | Data Format | 346,737 | 932,456 | 1,718,433 | 1,635,955 | 1,606,421 | 4,960,809 |
| 0805 | Distributed Computing | 63,219 | 270,402 | 357,359 | 325,484 | 234,315 | 917,158 |
| 0806 | Information Systems | 254,227 | 2,913,909 | 8,120,464 | 6,641,450 | 6,835,765 | 21,597,679 |
| 0807 | Library and Information Studies | 163,374 | 1,476,006 | 1,566,035 | 1,490,020 | 1,471,147 | 4,527,202 |
| 0899 | Other Information and Computing Sciences | 23,861 | 129,792 | 178,172 | 120,103 | 88,017 | 386,292 |
| 09 | Engineering | 4,599,791 | 46,778,470 | 91,195,737 | 94,218,762 | 97,832,539 | 283,247,038 |
| 0901 | Aerospace Engineering | 94,888 | 784,794 | 547,542 | 613,887 | 854,546 | 2,015,975 |
| 0902 | Automotive Engineering | 103,873 | 354,222 | 351,672 | 397,222 | 220,208 | 969,102 |
| 0903 | Biomedical Engineering | 393,826 | 4,882,114 | 5,409,926 | 5,836,378 | 5,737,601 | 16,983,905 |
| 0904 | Chemical Engineering | 775,557 | 11,928,414 | 11,587,887 | 13,313,764 | 15,141,495 | 40,043,146 |
| 0905 | Civil Engineering | 535,912 | 5,995,915 | 9,714,481 | 9,471,148 | 10,795,879 | 29,981,507 |
| 0906 | Electrical and Electronic Engineering | 1,155,898 | 10,674,951 | 14,972,267 | 15,616,528 | 15,942,936 | 46,531,731 |
| 0907 | Environmental Engineering | 242,665 | 2,812,848 | 4,304,637 | 3,112,711 | 3,785,350 | 11,202,697 |
| 0908 | Food Sciences | 180,852 | 2,272,155 | 2,155,811 | 2,396,137 | 1,564,081 | 6,116,028 |
| 0909 | Geomatic Engineering | 364,169 | 1,902,351 | 2,022,864 | 2,092,030 | 2,181,082 | 6,295,976 |
| 0910 | Manufacturing Engineering | 226,133 | 4,316,247 | 3,656,861 | 3,297,948 | 2,602,508 | 9,557,287 |
| 0911 | Maritime Engineering | 88,619 | 468,315 | 326,841 | 417,441 | 597,706 | 1,341,988 |
| 0912 | Materials Engineering | 1,038,869 | 13,725,253 | 19,196,424 | 18,701,133 | 17,561,097 | 55,458,655 |
| 0913 | Mechanical Engineering | 487,128 | 2,948,899 | 4,817,495 | 5,014,876 | 6,769,459 | 16,601,830 |
| 0914 | Resources Engineering and Extractive Metallurgy | 360,370 | 5,778,929 | 5,855,827 | 6,799,048 | 6,506,106 | 19,160,980 |
| 0915 | Interdisciplinary Engineering | 205,678 | 6,028,304 | 4,722,772 | 5,507,041 | 5,980,702 | 16,210,515 |
| 0999 | Other Engineering | 81,561 | 3,431,199 | 1,552,430 | 1,631,502 | 1,591,783 | 4,775,714 |
| 10(B8) | Technology | 183,046 | 3,071,666 | 2,910,504 | 3,756,088 | 3,601,814 | 10,268,406 |
| 1001 | Agricultural Biotechnology | 126,089 | 1,321,971 | 1,146,353 | 901,761 | 745,107 | 2,793,221 |
| 1002 | Environmental Biotechnology | 173,557 | 1,258,235 | 673,604 | 696,866 | 687,896 | 2,058,366 |
| 1003 | Industrial Biotechnology | 78,591 | 1,800,711 | 341,946 | 1,186,818 | 1,144,198 | 2,672,961 |
| 1004 | Medical Biotechnology | 131,872 | 632,162 | 748,601 | 970,644 | 1,024,613 | 2,743,858 |
| 10(MIC) | Technology | 399,125 | 7,625,733 | 10,070,531 | 10,972,903 | 10,967,823 | 32,011,256 |
| 1005 | Communications Technologies | 104,009 | 5,243,620 | 5,296,333 | 5,776,793 | 4,876,623 | 15,949,750 |
| 1006 | Computer Hardware | 43,917 | 497,773 | 455,480 | 453,160 | 237,734 | 1,150,374 |
| 1007 | Nanotechnology | 300,350 | 3,762,298 | 4,269,643 | 4,700,874 | 5,853,466 | 14,823,983 |
| 1099 | Other Technology | 87,150 | 87,150 | 45,075 | 42,075 | 0 | 87,150 |
| 11(BCH) | Medical and Health Sciences | 1,906,247 | 179,582,961 | 244,155,048 | 288,180,731 | 336,178,414 | 868,514,192 |
| 1101 | Medical Biochemistry and Metabolomics | 556,046 | 4,223,760 | 5,495,844 | 5,595,141 | 5,340,201 | 16,431,185 |
| 1102 | Cardiovascular Medicine and Haematology | 281,896 | 18,552,402 | 19,654,626 | 26,947,991 | 31,367,619 | 77,970,236 |
| 1103 | Clinical Sciences | 905,794 | 55,019,499 | 61,881,197 | 76,658,526 | 90,624,973 | 229,164,696 |
| 1105 | Dentistry | 480,433 | 7,653,542 | 5,797,236 | 5,805,340 | 6,961,365 | 18,563,941 |
| 1107 | Immunology | 1,006,087 | 31,469,711 | 31,823,955 | 39,086,417 | 45,220,138 | 116,130,511 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 1: AUSTRALIAN COMPETITIVE GRANTS RESEARCH INCOME (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 1108 | Medical Microbiology | 1,184,444 | 9,896,895 | 14,003,883 | 16,836,059 | 18,210,138 | 49,050,081 |
| 1109 | Neurosciences | 1,293,735 | 42,446,212 | 40,035,798 | 44,388,677 | 51,401,283 | 135,825,758 |
| 1112 | Oncology and Carcinogenesis | 2,027,154 | 14,332,556 | 18,441,192 | 23,944,678 | 30,716,307 | 73,102,177 |
| 1113 | Ophthalmology and Optometry | 770,128 | 4,148,932 | 5,724,643 | 4,473,207 | 5,590,932 | 15,788,782 |
| 1114 | Paediatrics and Reproductive Medicine | 1,733,712 | 27,100,399 | 20,090,104 | 21,840,328 | 23,592,485 | 65,522,917 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 253,720 | 11,427,428 | 12,477,707 | 14,368,049 | 16,195,413 | 43,041,169 |
| 1116 | Medical Physiology | 795,253 | 5,652,394 | 8,728,864 | 8,236,317 | 10,957,558 | 27,922,740 |
| 11(PAH) | Medical and Health Sciences | 2,386,523 | 35,659,335 | 71,292,856 | 90,240,041 | 104,108,779 | 265,641,676 |
| 1104 | Complementary and Alternative Medicine | 25,000 | 248,215 | 158,861 | 132,041 | 486,836 | 777,738 |
| 1106 | Human Movement and Sports Science | 346,379 | 3,180,400 | 2,938,563 | 4,758,830 | 5,503,448 | 13,200,841 |
| 1110 | Nursing | 174,111 | 1,377,709 | 1,946,791 | 2,441,102 | 3,446,061 | 7,833,955 |
| 1111 | Nutrition and Diets | 444,132 | 2,087,931 | 3,083,933 | 3,570,005 | 4,007,740 | 10,661,678 |
| 1117 | Public Health and Health Services | 1,237,960 | 31,200,668 | 61,107,996 | 76,790,107 | 86,165,689 | 224,063,792 |
| 1199 | Other Medical and Health Sciences | 174,241 | 3,861,060 | 2,056,711 | 2,547,957 | 4,499,005 | 9,103,673 |
| 12(EE) | Built Environment and Design | 95,189 | 436,339 | 562,164 | 702,238 | 1,154,839 | 2,419,241 |
| 1202 | Building | 114,334 | 436,339 | 445,787 | 636,917 | 1,034,994 | 2,117,698 |
| 1204 | Engineering Design | 34,000 | 89,487 | 116,377 | 65,322 | 119,844 | 301,543 |
| 12(HCA) | Built Environment and Design | 241,052 | 3,420,726 | 3,622,283 | 4,660,775 | 5,438,692 | 13,721,750 |
| 1201 | Architecture | 174,369 | 1,692,762 | 1,425,187 | 1,940,484 | 2,420,018 | 5,785,689 |
| 1203 | Design Practice and Management | 65,319 | 996,511 | 638,019 | 561,396 | 878,887 | 2,078,302 |
| 1205 | Urban and Regional Planning | 241,652 | 1,014,078 | 1,539,052 | 2,048,985 | 1,956,353 | 5,544,390 |
| 1299 | Other Built Environment and Design | 32,550 | 124,796 | 20,026 | 109,910 | 183,434 | 313,370 |
| 13 | Education | 615,061 | 2,959,115 | 9,832,835 | 11,301,423 | 10,885,019 | 32,019,277 |
| 1301 | Education Systems | 76,596 | 815,555 | 1,286,434 | 1,449,749 | 1,701,976 | 4,438,159 |
| 1302 | Curriculum and Pedagogy | 186,925 | 802,010 | 2,437,287 | 2,275,907 | 2,306,551 | 7,019,746 |
| 1303 | Specialist Studies in Education | 435,284 | 1,857,033 | 5,504,905 | 6,743,043 | 6,311,785 | 18,559,733 |
| 1399 | Other Education | 73,008 | 496,620 | 604,210 | 832,723 | 564,707 | 2,001,639 |
| 14 | Economics | 647,897 | 10,281,088 | 15,271,782 | 19,125,654 | 21,654,994 | 56,052,430 |
| 1401 | Economic Theory | 258,917 | 903,729 | 1,286,069 | 1,427,778 | 1,325,036 | 4,038,883 |
| 1402 | Applied Economics | 526,100 | 7,468,937 | 11,548,453 | 14,322,781 | 17,861,349 | 43,732,583 |
| 1403 | Econometrics | 162,015 | 1,222,041 | 2,186,823 | 2,550,019 | 1,859,754 | 6,596,597 |
| 1499 | Other Economics | 31,786 | 1,540,849 | 250,437 | 825,076 | 608,855 | 1,684,368 |
| 15 | Commerce, Management, Tourism and Services | 604,903 | 5,619,342 | 10,881,111 | 11,202,725 | 10,705,505 | 32,789,341 |
| 1501 | Accounting, Auditing and Accountability | 150,302 | 910,634 | 934,870 | 632,258 | 918,017 | 2,485,144 |
| 1502 | Banking, Finance and Investment | 233,518 | 1,969,364 | 2,155,565 | 2,652,196 | 2,163,991 | 6,971,752 |
| 1503 | Business and Management | 274,992 | 2,337,039 | 5,267,448 | 5,020,214 | 4,592,448 | 14,880,109 |
| 1504 | Commercial Services | 42,764 | 197,310 | 187,456 | 278,266 | 209,841 | 675,563 |
| 1505 | Marketing | 180,069 | 1,044,297 | 1,588,143 | 1,463,385 | 1,531,491 | 4,583,019 |
| 1506 | Tourism | 62,718 | 951,328 | 489,500 | 676,553 | 728,949 | 1,895,002 |
| 1507 | Transportation and Freight Services | 67,905 | 688,682 | 258,130 | 479,852 | 560,769 | 1,298,751 |
| 1599 | Other Commerce, Management, Tourism and Services | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | Studies in Human Society | 1,330,492 | 15,065,125 | 28,710,300 | 30,086,837 | 31,528,599 | 90,325,736 |
| 1601 | Anthropology | 193,559 | 2,426,240 | 2,710,369 | 2,192,824 | 2,899,157 | 7,802,350 |
| 1602 | Criminology | 106,106 | 3,175,709 | 2,147,076 | 2,828,310 | 3,079,930 | 8,053,316 |
| 1603 | Demography | 125,198 | 2,080,009 | 2,207,148 | 1,845,376 | 1,710,364 | 5,762,888 |
| 1604 | Human Geography | 206,515 | 1,082,518 | 2,278,748 | 2,776,113 | 2,885,489 | 7,940,350 |
| 1605 | Policy and Administration | 235,415 | 2,835,505 | 4,920,781 | 5,012,576 | 6,048,417 | 15,981,773 |
| 1606 | Political Science | 366,067 | 3,521,682 | 4,375,082 | 5,946,058 | 5,775,339 | 16,096,479 |
| 1607 | Social Work | 50,877 | 1,387,369 | 1,342,073 | 1,295,297 | 1,309,094 | 3,946,464 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 1: AUSTRALIAN COMPETITIVE GRANTS RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|-------------------|--------------------|----------------------|----------------------|----------------------|
| 1608 | Sociology | 316,702 | 3,561,113 | 7,722,958 | 7,201,646 | 6,414,410 | 21,339,013 |
| 1699 | Other Studies in Human Society | 77,254 | 952,406 | 1,006,064 | 988,637 | 1,406,401 | 3,401,101 |
| 17 | Psychology and Cognitive Sciences | 1,362,011 | 11,089,567 | 24,248,957 | 25,356,568 | 28,133,231 | 77,738,755 |
| 1701 | Psychology | 1,327,224 | 11,079,094 | 19,908,261 | 20,314,922 | 23,243,852 | 63,467,034 |
| 1702 | Cognitive Sciences | 285,765 | 5,514,382 | 4,134,862 | 4,986,417 | 4,873,920 | 13,995,199 |
| 1799 | Other Psychology and Cognitive Sciences | 75,072 | 190,977 | 205,834 | 55,229 | 15,459 | 276,522 |
| 18 | Law and Legal Studies | 301,748 | 5,166,465 | 7,392,162 | 7,817,830 | 8,563,913 | 23,773,906 |
| 1801 | Law | 301,748 | 5,166,465 | 7,371,354 | 7,817,830 | 8,523,113 | 23,712,298 |
| 1802 | Maori Law | 0 | 0 | 0 | 0 | 0 | 0 |
| 1899 | Other Law and Legal Studies | 30,804 | 40,800 | 20,808 | 0 | 40,800 | 61,608 |
| 19 | Studies in Creative Arts and Writing | 274,674 | 3,133,564 | 4,370,769 | 4,743,106 | 4,673,864 | 13,787,738 |
| 1901 | Art Theory and Criticism | 228,956 | 505,429 | 640,155 | 565,094 | 658,563 | 1,863,812 |
| 1902 | Film, Television and Digital Media | 91,740 | 1,410,179 | 1,228,683 | 1,467,827 | 1,352,783 | 4,049,294 |
| 1903 | Journalism and Professional Writing | 93,979 | 286,290 | 244,761 | 318,220 | 394,543 | 957,524 |
| 1904 | Performing Arts and Creative Writing | 223,681 | 897,434 | 1,740,208 | 1,951,631 | 1,789,414 | 5,481,253 |
| 1905 | Visual Arts and Crafts | 128,494 | 606,434 | 440,324 | 423,094 | 457,378 | 1,320,796 |
| 1999 | Other Studies in Creative Arts and Writing | 57,530 | 57,922 | 76,638 | 17,240 | 21,182 | 115,060 |
| 20 | Language, Communication and Culture | 447,038 | 5,489,574 | 13,482,372 | 14,961,152 | 14,934,985 | 43,378,509 |
| 2001 | Communication and Media Studies | 203,213 | 3,654,016 | 1,986,231 | 2,633,795 | 2,905,407 | 7,525,433 |
| 2002 | Cultural Studies | 257,583 | 1,863,736 | 5,614,033 | 5,830,206 | 5,468,851 | 16,913,090 |
| 2003 | Language Studies | 37,834 | 404,709 | 631,358 | 322,236 | 247,520 | 1,201,114 |
| 2004 | Linguistics | 202,306 | 1,470,052 | 2,513,405 | 2,680,065 | 2,709,451 | 7,902,922 |
| 2005 | Literary Studies | 196,145 | 2,771,506 | 2,689,029 | 3,488,113 | 3,466,281 | 9,643,422 |
| 2099 | Other Language, Communication and Culture | 207,388 | 149,891 | 48,315 | 6,737 | 137,475 | 192,527 |
| 21 | History and Archaeology | 397,459 | 8,314,591 | 12,729,425 | 14,093,689 | 14,270,965 | 41,094,079 |
| 2101 | Archaeology | 347,509 | 3,038,292 | 3,794,984 | 3,870,866 | 4,800,231 | 12,466,080 |
| 2102 | Curatorial and Related Studies | 60,935 | 258,286 | 316,633 | 385,380 | 425,011 | 1,127,024 |
| 2103 | Historical Studies | 354,163 | 4,988,576 | 8,534,578 | 9,822,444 | 9,045,723 | 27,402,745 |
| 2199 | Other History and Archaeology | 98,230 | 98,230 | 83,230 | 15,000 | 0 | 98,230 |
| 22 | Philosophy and Religious Studies | 320,872 | 5,116,932 | 7,515,858 | 8,274,818 | 7,944,647 | 23,735,323 |
| 2201 | Applied Ethics | 74,067 | 1,471,093 | 1,286,361 | 1,398,087 | 1,395,688 | 4,080,136 |
| 2202 | History and Philosophy of Specific Fields | 79,770 | 1,535,441 | 1,595,214 | 1,462,734 | 1,053,927 | 4,111,875 |
| 2203 | Philosophy | 495,535 | 3,741,798 | 3,672,594 | 4,392,181 | 4,506,906 | 12,571,680 |
| 2204 | Religion and Religious Studies | 76,042 | 535,123 | 961,688 | 1,021,815 | 988,127 | 2,971,631 |
| 2299 | Other Philosophy and Religious Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | 966,384,458 | 1,065,000,668 | 1,154,606,843 | 3,185,991,970 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 2: OTHER PUBLIC SECTOR RESEARCH INCOME

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 01 | Mathematical Sciences | 159,929 | 6,497,922 | 5,932,874 | 4,683,188 | 5,757,142 | 16,373,203 |
| 0101 | Pure Mathematics | 86,102 | 695,044 | 690,739 | 390,811 | 386,166 | 1,467,717 |
| 0102 | Applied Mathematics | 41,891 | 1,875,835 | 1,906,343 | 1,203,818 | 1,355,791 | 4,465,953 |
| 0103 | Numerical and Computational Mathematics | 50,412 | 870,739 | 764,630 | 457,739 | 630,879 | 1,853,304 |
| 0104 | Statistics | 144,771 | 823,360 | 1,269,790 | 1,521,172 | 1,725,431 | 4,516,392 |
| 0105 | Mathematical Physics | 2,294,378 | 3,294,309 | 960,076 | 900,029 | 1,658,874 | 3,527,980 |
| 0199 | Other Mathematical Sciences | 37,243 | 335,787 | 341,295 | 200,563 | 0 | 541,858 |
| 02 | Physical Sciences | 1,125,284 | 6,449,687 | 12,286,464 | 12,347,601 | 10,697,024 | 35,331,090 |
| 0201 | Astronomical and Space Sciences | 120,217 | 1,774,070 | 1,576,050 | 1,453,066 | 1,616,372 | 4,645,488 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 76,631 | 913,133 | 738,788 | 650,086 | 1,469,575 | 2,858,449 |
| 0203 | Classical Physics | 34,796 | 59,759 | 22,090 | 31,007 | 80,867 | 133,965 |
| 0204 | Condensed Matter Physics | 301,119 | 1,848,704 | 1,910,215 | 3,811,543 | 2,005,576 | 7,727,334 |
| 0205 | Optical Physics | 323,186 | 3,274,220 | 4,512,684 | 4,540,856 | 2,766,453 | 11,819,992 |
| 0206 | Quantum Physics | 342,966 | 2,133,502 | 1,834,119 | 1,092,288 | 921,971 | 3,848,377 |
| 0299 | Other Physical Sciences | 85,296 | 1,504,801 | 1,692,518 | 768,755 | 1,836,212 | 4,297,484 |
| 03 | Chemical Sciences | 421,665 | 8,253,650 | 10,662,966 | 12,771,197 | 13,950,288 | 37,384,451 |
| 0301 | Analytical Chemistry | 91,697 | 4,278,594 | 3,129,002 | 4,119,953 | 4,068,703 | 11,317,658 |
| 0302 | Inorganic Chemistry | 38,244 | 403,036 | 542,508 | 204,416 | 322,151 | 1,069,075 |
| 0303 | Macromolecular and Materials Chemistry | 182,344 | 987,477 | 960,975 | 1,274,901 | 3,183,044 | 5,418,920 |
| 0304 | Medicinal and Biomolecular Chemistry | 63,815 | 2,241,022 | 852,545 | 2,623,710 | 1,432,981 | 4,909,236 |
| 0305 | Organic Chemistry | 111,549 | 620,011 | 515,670 | 893,502 | 428,319 | 1,837,491 |
| 0306 | Physical Chemistry (Incl. Structural) | 163,949 | 3,182,203 | 4,182,809 | 3,078,059 | 3,782,932 | 11,043,800 |
| 0307 | Theoretical and Computational Chemistry | 28,757 | 276,953 | 74,753 | 76,743 | 255,604 | 407,100 |
| 0399 | Other Chemical Sciences | 63,009 | 323,655 | 404,704 | 499,913 | 476,555 | 1,381,171 |
| 04 | Earth Sciences | 720,765 | 8,057,300 | 10,998,458 | 12,231,305 | 18,197,570 | 41,427,334 |
| 0401 | Atmospheric Sciences | 76,961 | 844,753 | 610,036 | 1,204,457 | 1,755,279 | 3,569,772 |
| 0402 | Geochemistry | 94,732 | 1,469,518 | 1,118,097 | 1,535,326 | 1,509,109 | 4,162,532 |
| 0403 | Geology | 83,104 | 2,604,738 | 2,534,396 | 3,275,717 | 1,973,981 | 7,784,094 |
| 0404 | Geophysics | 317,670 | 6,339,195 | 3,373,506 | 2,023,885 | 5,882,991 | 11,280,382 |
| 0405 | Oceanography | 167,468 | 1,086,837 | 802,995 | 945,490 | 1,185,479 | 2,933,963 |
| 0406 | Physical Geography and Environmental Geoscience | 237,113 | 3,011,988 | 2,530,781 | 3,156,936 | 5,780,227 | 11,467,945 |
| 0499 | Other Earth Sciences | 17,815 | 93,582 | 28,648 | 89,494 | 110,503 | 228,645 |
| 05 | Environmental Sciences | 1,655,169 | 6,669,485 | 19,469,136 | 23,033,141 | 30,376,218 | 72,880,495 |
| 0501 | Ecological Applications | 173,273 | 2,036,716 | 1,423,130 | 2,814,696 | 2,531,864 | 6,769,691 |
| 0502 | Environmental Science and Management | 1,189,616 | 6,540,345 | 16,133,534 | 18,769,673 | 25,676,358 | 60,579,566 |
| 0503 | Soil Sciences | 105,151 | 1,355,915 | 1,808,693 | 1,332,945 | 1,800,664 | 4,942,302 |
| 0599 | Other Environmental Sciences | 47,002 | 199,404 | 103,779 | 115,827 | 369,332 | 588,937 |
| 06 | Biological Sciences | 1,342,554 | 36,763,631 | 48,122,385 | 59,310,496 | 72,561,078 | 180,393,959 |
| 0601 | Biochemistry and Cell Biology | 238,584 | 17,991,719 | 14,029,923 | 18,081,942 | 24,781,937 | 56,893,803 |
| 0602 | Ecology | 690,809 | 5,844,108 | 9,822,268 | 10,552,617 | 13,698,834 | 34,073,718 |
| 0603 | Evolutionary Biology | 66,155 | 1,329,508 | 1,063,523 | 2,005,795 | 1,442,679 | 4,511,997 |
| 0604 | Genetics | 328,602 | 10,431,671 | 13,485,964 | 15,022,547 | 13,745,804 | 42,254,315 |
| 0605 | Microbiology | 159,128 | 1,408,759 | 2,844,073 | 2,638,942 | 3,286,789 | 8,769,804 |
| 0606 | Physiology | 37,531 | 1,112,724 | 553,522 | 850,661 | 781,355 | 2,185,538 |
| 0607 | Plant Biology | 172,815 | 6,631,620 | 5,134,011 | 8,040,122 | 12,794,337 | 25,968,470 |
| 0608 | Zoology | 79,252 | 1,169,302 | 1,045,112 | 1,716,253 | 1,693,705 | 4,455,070 |
| 0699 | Other Biological Sciences | 30,877 | 453,784 | 143,989 | 401,617 | 735,637 | 1,281,243 |
| 07 | Agricultural and Veterinary Sciences | 582,450 | 21,926,703 | 27,817,243 | 29,329,293 | 34,527,241 | 91,673,777 |
| 0701 | Agriculture, Land and Farm Management | 76,650 | 2,866,695 | 1,670,329 | 3,800,892 | 4,210,637 | 9,681,858 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 2: OTHER PUBLIC SECTOR RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| 0702 | Animal Production | 149,827 | 3,636,961 | 5,647,402 | 3,403,725 | 3,761,952 | 12,813,079 |
| 0703 | Crop and Pasture Production | 291,748 | 7,607,765 | 7,788,754 | 7,674,558 | 9,091,193 | 24,554,505 |
| 0704 | Fisheries Sciences | 80,544 | 8,653,229 | 3,385,063 | 4,216,707 | 5,088,961 | 12,690,731 |
| 0705 | Forestry Sciences | 154,270 | 8,076,380 | 4,461,889 | 4,590,013 | 6,256,816 | 15,308,718 |
| 0706 | Horticultural Production | 158,108 | 2,367,746 | 2,357,467 | 2,690,498 | 2,830,946 | 7,878,910 |
| 0707 | Veterinary Sciences | 219,017 | 1,298,681 | 1,891,723 | 1,803,210 | 1,724,509 | 5,419,441 |
| 0799 | Other Agricultural and Veterinary Sciences | 90,223 | 1,119,946 | 614,616 | 1,149,690 | 1,562,228 | 3,326,535 |
| 08 | Information and Computing Sciences | 520,868 | 41,066,204 | 14,060,544 | 48,111,594 | 47,834,350 | 110,006,488 |
| 0801 | Artificial Intelligence and Image Processing | 233,126 | 9,940,875 | 4,382,194 | 9,550,241 | 11,617,556 | 25,549,991 |
| 0802 | Computation Theory and Mathematics | 66,038 | 880,732 | 289,208 | 212,236 | 832,894 | 1,334,338 |
| 0803 | Computer Software | 96,607 | 5,451,229 | 1,713,817 | 3,540,035 | 3,493,329 | 8,747,181 |
| 0804 | Data Format | 115,650 | 1,496,813 | 299,081 | 671,555 | 1,707,520 | 2,678,156 |
| 0805 | Distributed Computing | 99,985 | 7,569,202 | 728,466 | 4,090,413 | 5,382,324 | 10,201,204 |
| 0806 | Information Systems | 151,944 | 5,872,393 | 5,033,191 | 8,896,808 | 5,383,790 | 19,313,789 |
| 0807 | Library and Information Studies | 31,759 | 2,442,532 | 1,422,799 | 3,579,146 | 2,641,666 | 7,643,611 |
| 0899 | Other Information and Computing Sciences | 71,725 | 33,734,842 | 191,787 | 17,571,160 | 16,775,270 | 34,538,217 |
| 09 | Engineering | 2,516,210 | 21,766,706 | 39,689,891 | 49,950,418 | 62,473,755 | 152,114,065 |
| 0901 | Aerospace Engineering | 57,257 | 662,604 | 389,991 | 227,114 | 554,567 | 1,171,672 |
| 0902 | Automotive Engineering | 114,809 | 579,453 | 654,036 | 444,529 | 1,259,936 | 1,224,501 |
| 0903 | Biomedical Engineering | 55,051 | 4,525,307 | 826,938 | 2,305,951 | 6,187,606 | 9,320,495 |
| 0904 | Chemical Engineering | 233,956 | 4,697,810 | 2,616,643 | 4,671,846 | 8,533,663 | 15,822,152 |
| 0905 | Civil Engineering | 443,905 | 3,903,273 | 5,952,431 | 5,351,681 | 9,189,301 | 20,493,413 |
| 0906 | Electrical and Electronic Engineering | 361,372 | 10,403,629 | 7,843,081 | 10,793,341 | 10,594,414 | 29,230,836 |
| 0907 | Environmental Engineering | 188,177 | 3,220,480 | 1,714,521 | 3,923,755 | 5,671,417 | 11,309,694 |
| 0908 | Food Sciences | 91,695 | 1,244,954 | 745,162 | 1,050,025 | 463,410 | 2,258,598 |
| 0909 | Geomatic Engineering | 98,193 | 811,398 | 1,291,858 | 377,914 | 793,135 | 2,462,907 |
| 0910 | Manufacturing Engineering | 50,629 | 1,551,869 | 1,019,255 | 2,009,385 | 508,305 | 3,536,945 |
| 0911 | Maritime Engineering | 19,782 | 1,249,600 | 621,759 | 787,896 | 300,025 | 1,709,680 |
| 0912 | Materials Engineering | 210,324 | 4,234,486 | 4,427,074 | 5,265,006 | 5,426,863 | 15,118,944 |
| 0913 | Mechanical Engineering | 263,767 | 6,271,547 | 4,652,783 | 5,885,243 | 7,735,318 | 18,273,344 |
| 0914 | Resources Engineering and Extractive Metallurgy | 552,015 | 7,309,158 | 5,522,167 | 5,892,194 | 4,186,358 | 15,600,719 |
| 0915 | Interdisciplinary Engineering | 45,681 | 1,431,157 | 864,095 | 705,608 | 583,414 | 2,153,117 |
| 0999 | Other Engineering | 99,061 | 750,187 | 548,096 | 258,929 | 1,620,022 | 2,427,047 |
| 10(B8) | Technology | 165,655 | 2,389,447 | 1,050,129 | 1,334,243 | 5,409,206 | 7,793,577 |
| 1001 | Agricultural Biotechnology | 32,999 | 501,058 | 482,263 | 276,387 | 247,234 | 1,005,885 |
| 1002 | Environmental Biotechnology | 118,145 | 701,780 | 312,358 | 328,116 | 598,411 | 1,238,884 |
| 1003 | Industrial Biotechnology | 35,386 | 1,671,401 | 22,483 | 121,111 | 1,788,762 | 1,932,355 |
| 1004 | Medical Biotechnology | 45,988 | 2,246,085 | 233,025 | 608,629 | 2,774,799 | 3,616,454 |
| 10(MIC) | Technology | 149,541 | 13,377,021 | 2,099,749 | 21,404,632 | 8,730,125 | 32,234,506 |
| 1005 | Communications Technologies | 177,542 | 8,491,352 | 1,218,067 | 4,954,326 | 5,488,174 | 11,660,567 |
| 1006 | Computer Hardware | 292,141 | 4,627,251 | 13,786 | 2,403,634 | 2,561,892 | 4,979,313 |
| 1007 | Nanotechnology | 68,979 | 13,377,021 | 850,250 | 14,044,287 | 680,058 | 15,574,596 |
| 1099 | Other Technology | 2,563 | 15,082 | 17,645 | 2,385 | 0 | 20,030 |
| 11(BCH) | Medical and Health Sciences | 1,053,139 | 92,656,632 | 118,234,208 | 129,769,923 | 188,138,444 | 436,142,575 |
| 1101 | Medical Biochemistry and Metabolomics | 151,890 | 462,065 | 425,031 | 492,981 | 1,345,536 | 2,264,548 |
| 1102 | Cardiovascular Medicine and Haematology | 201,763 | 5,095,538 | 4,478,026 | 5,022,479 | 8,278,474 | 17,778,978 |
| 1103 | Clinical Sciences | 395,930 | 54,815,815 | 54,811,451 | 53,499,128 | 68,160,070 | 176,470,649 |
| 1105 | Dentistry | 52,823 | 5,369,654 | 2,353,634 | 2,905,056 | 5,271,238 | 10,529,927 |
| 1107 | Immunology | 449,563 | 7,394,757 | 4,697,166 | 8,551,640 | 12,441,798 | 25,690,605 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 2: OTHER PUBLIC SECTOR RESEARCH INCOME (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| 1108 | Medical Microbiology | 117,954 | 3,832,814 | 2,366,291 | 2,149,448 | 2,938,221 | 7,453,960 |
| 1109 | Neurosciences | 577,175 | 34,227,868 | 22,896,239 | 28,168,802 | 36,965,075 | 88,030,116 |
| 1112 | Oncology and Carcinogenesis | 362,177 | 20,028,240 | 8,915,328 | 13,229,178 | 32,719,671 | 54,864,177 |
| 1113 | Ophthalmology and Optometry | 179,555 | 1,852,376 | 876,250 | 1,729,892 | 2,426,512 | 5,095,654 |
| 1114 | Paediatrics and Reproductive Medicine | 583,139 | 6,500,923 | 6,070,872 | 7,334,398 | 7,193,627 | 20,598,897 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 222,841 | 4,921,702 | 9,173,384 | 5,614,577 | 9,053,889 | 23,841,850 |
| 1116 | Medical Physiology | 62,040 | 854,296 | 1,169,535 | 1,009,343 | 1,344,334 | 3,523,211 |
| 11(PAH) | Medical and Health Sciences | 5,812,378 | 38,163,438 | 96,084,278 | 126,595,901 | 142,754,812 | 365,434,991 |
| 1104 | Complementary and Alternative Medicine | 43,981 | 4,919,683 | 102,197 | 4,008,467 | 1,739,092 | 5,849,755 |
| 1106 | Human Movement and Sports Science | 117,770 | 2,359,330 | 3,381,283 | 4,181,559 | 2,738,257 | 10,301,100 |
| 1110 | Nursing | 359,969 | 11,082,037 | 6,664,274 | 11,676,487 | 13,749,572 | 32,090,332 |
| 1111 | Nutrition and Dietetics | 109,110 | 970,987 | 1,024,298 | 1,522,017 | 1,621,964 | 4,168,280 |
| 1117 | Public Health and Health Services | 3,270,289 | 33,765,979 | 79,625,320 | 98,685,682 | 116,993,582 | 295,304,584 |
| 1199 | Other Medical and Health Sciences | 32,793 | 12,552,346 | 5,286,906 | 6,521,690 | 5,912,345 | 17,720,940 |
| 12(EE) | Built Environment and Design | 172,110 | 931,017 | 1,305,722 | 1,728,207 | 897,961 | 3,931,889 |
| 1202 | Building | 215,437 | 898,282 | 1,289,722 | 1,693,186 | 874,432 | 3,857,339 |
| 1204 | Engineering Design | 24,381 | 32,735 | 16,000 | 35,021 | 23,529 | 74,550 |
| 12(HCA) | Built Environment and Design | 306,283 | 2,078,828 | 2,634,280 | 3,990,389 | 5,845,943 | 12,470,613 |
| 1201 | Architecture | 74,070 | 797,784 | 739,856 | 1,209,297 | 1,564,173 | 3,513,326 |
| 1203 | Design Practice and Management | 75,503 | 240,760 | 67,160 | 125,264 | 586,804 | 779,228 |
| 1205 | Urban and Regional Planning | 176,638 | 1,308,001 | 1,757,073 | 2,044,480 | 3,445,754 | 7,247,308 |
| 1299 | Other Built Environment and Design | 61,445 | 269,140 | 70,191 | 611,348 | 249,212 | 930,751 |
| 13 | Education | 1,102,770 | 8,573,724 | 20,891,198 | 24,869,672 | 24,645,461 | 70,406,330 |
| 1301 | Education Systems | 292,874 | 3,308,647 | 7,753,484 | 8,240,448 | 6,207,100 | 22,201,032 |
| 1302 | Curriculum and Pedagogy | 245,779 | 3,095,200 | 5,736,246 | 6,094,864 | 4,798,735 | 16,629,844 |
| 1303 | Specialist Studies in Education | 491,622 | 5,216,711 | 6,786,847 | 9,762,018 | 12,390,619 | 28,939,484 |
| 1399 | Other Education | 68,087 | 1,046,921 | 614,620 | 772,342 | 2,635,970 | 6,835,970 |
| 14 | Economics | 478,747 | 16,171,137 | 8,876,176 | 17,609,590 | 20,321,835 | 46,807,602 |
| 1401 | Economic Theory | 49,781 | 486,256 | 582,523 | 143,349 | 115,618 | 841,489 |
| 1402 | Applied Economics | 530,969 | 15,561,417 | 6,308,724 | 15,876,428 | 17,489,326 | 39,674,478 |
| 1403 | Econometrics | 53,328 | 1,499,020 | 1,647,177 | 1,006,556 | 1,775,513 | 4,429,246 |
| 1499 | Other Economics | 338,646 | 1,168,337 | 337,753 | 583,257 | 941,378 | 1,862,388 |
| 15 | Commerce, Management, Tourism and Services | 304,578 | 3,360,399 | 6,784,734 | 8,716,183 | 8,665,403 | 24,166,320 |
| 1501 | Accounting, Auditing and Accountability | 17,925 | 358,864 | 262,381 | 465,692 | 370,468 | 1,098,542 |
| 1502 | Banking, Finance and Investment | 55,054 | 975,454 | 809,803 | 514,398 | 148,465 | 1,472,665 |
| 1503 | Business and Management | 173,536 | 2,314,541 | 3,928,739 | 5,614,894 | 5,612,057 | 15,155,691 |
| 1504 | Commercial Services | 18,805 | 102,620 | 87,779 | 102,794 | 104,651 | 295,224 |
| 1505 | Marketing | 22,306 | 476,813 | 435,916 | 436,125 | 708,964 | 1,581,005 |
| 1506 | Tourism | 59,128 | 1,079,931 | 761,843 | 1,250,472 | 1,523,252 | 3,535,567 |
| 1507 | Transportation and Freight Services | 25,848 | 285,547 | 188,719 | 331,807 | 154,682 | 675,208 |
| 1599 | Other Commerce, Management, Tourism and Services | 32,580 | 176,798 | 309,555 | 0 | 42,864 | 352,419 |
| 16 | Studies in Human Society | 1,478,538 | 14,133,992 | 26,304,341 | 33,588,027 | 29,972,240 | 89,864,608 |
| 1601 | Anthropology | 73,255 | 1,814,197 | 1,155,377 | 1,448,494 | 995,829 | 3,599,700 |
| 1602 | Criminology | 87,657 | 2,272,347 | 1,446,272 | 1,844,913 | 1,980,912 | 5,272,097 |
| 1603 | Demography | 34,111 | 1,229,330 | 1,135,138 | 1,231,554 | 1,461,783 | 3,828,476 |
| 1604 | Human Geography | 173,976 | 506,053 | 984,383 | 1,664,027 | 2,144,056 | 4,792,467 |
| 1605 | Policy and Administration | 349,571 | 9,289,409 | 8,060,932 | 11,639,424 | 10,949,120 | 30,649,476 |
| 1606 | Political Science | 106,588 | 3,295,046 | 3,516,123 | 4,422,967 | 2,422,967 | 10,361,633 |
| 1607 | Social Work | 182,084 | 1,676,428 | 3,576,218 | 3,720,183 | 3,477,630 | 10,774,031 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 2: OTHER PUBLIC SECTOR RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|-------------------|--------------------|--------------------|--------------------|----------------------|
| 1608 | Sociology | 328,552 | 2,516,148 | 4,986,739 | 5,957,290 | 5,139,638 | 16,083,667 |
| 1699 | Other Studies in Human Society | 54,113 | 1,913,804 | 1,443,159 | 1,659,598 | 1,400,305 | 4,503,062 |
| 17 | Psychology and Cognitive Sciences | 607,004 | 8,863,540 | 12,738,547 | 12,111,873 | 15,248,776 | 40,099,195 |
| 1701 | Psychology | 534,107 | 8,852,129 | 10,177,364 | 11,322,518 | 13,808,213 | 35,308,095 |
| 1702 | Cognitive Sciences | 87,361 | 2,142,318 | 2,554,290 | 758,321 | 1,387,336 | 4,699,947 |
| 1799 | Other Psychology and Cognitive Sciences | 18,605 | 35,855 | 6,893 | 31,033 | 53,227 | 91,154 |
| 18 | Law and Legal Studies | 152,213 | 1,585,914 | 2,765,935 | 3,040,516 | 4,470,631 | 10,277,082 |
| 1801 | Law | 161,900 | 1,585,914 | 2,765,935 | 3,027,739 | 4,386,773 | 10,180,446 |
| 1802 | Maori Law | 0 | 0 | 0 | 0 | 0 | 0 |
| 1899 | Other Law and Legal Studies | 16,495 | 47,807 | 0 | 12,777 | 83,858 | 96,636 |
| 19 | Studies in Creative Arts and Writing | 83,886 | 725,737 | 1,124,904 | 1,191,920 | 1,492,581 | 3,803,405 |
| 1901 | Art Theory and Criticism | 32,735 | 143,602 | 15,921 | 88,258 | 146,261 | 250,440 |
| 1902 | Film, Television and Digital Media | 26,299 | 240,502 | 418,795 | 263,822 | 259,253 | 941,870 |
| 1903 | Journalism and Professional Writing | 30,079 | 104,364 | 12,203 | 25,578 | 146,018 | 183,799 |
| 1904 | Performing Arts and Creative Writing | 17,841 | 517,894 | 392,043 | 363,569 | 418,706 | 1,174,319 |
| 1905 | Visual Arts and Crafts | 57,893 | 488,334 | 284,111 | 448,524 | 497,630 | 1,230,264 |
| 1999 | Other Studies in Creative Arts and Writing | 14,356 | 22,342 | 1,831 | 2,169 | 24,713 | 28,713 |
| 20 | Language, Communication and Culture | 139,821 | 6,209,078 | 5,433,999 | 5,225,256 | 9,899,808 | 20,559,064 |
| 2001 | Communication and Media Studies | 44,573 | 498,480 | 405,870 | 607,921 | 657,817 | 1,671,607 |
| 2002 | Cultural Studies | 70,938 | 3,838,928 | 1,303,400 | 1,402,157 | 5,302,647 | 8,008,205 |
| 2003 | Language Studies | 42,959 | 572,150 | 615,499 | 762,483 | 302,062 | 1,680,044 |
| 2004 | Linguistics | 46,917 | 4,142,306 | 2,599,836 | 2,139,573 | 2,927,153 | 7,666,562 |
| 2005 | Literary Studies | 12,484 | 349,241 | 392,111 | 156,413 | 234,444 | 782,968 |
| 2099 | Other Language, Communication and Culture | 182,100 | 382,915 | 117,283 | 156,710 | 475,686 | 749,679 |
| 21 | History and Archaeology | 49,955 | 1,363,950 | 855,210 | 1,158,960 | 2,903,257 | 4,917,427 |
| 2101 | Archaeology | 41,982 | 251,519 | 64,996 | 212,860 | 227,462 | 505,319 |
| 2102 | Curatorial and Related Studies | 24,175 | 74,345 | 137,095 | 41,515 | 39,539 | 218,148 |
| 2103 | Historical Studies | 37,325 | 1,333,713 | 648,141 | 904,586 | 2,535,819 | 4,088,546 |
| 2199 | Other History and Archaeology | 32,294 | 68,143 | 4,978 | 0 | 100,437 | 105,415 |
| 22 | Philosophy and Religious Studies | 51,624 | 1,534,397 | 1,132,794 | 1,044,910 | 1,125,465 | 3,303,169 |
| 2201 | Applied Ethics | 49,131 | 1,522,829 | 696,282 | 721,376 | 759,449 | 2,177,108 |
| 2202 | History and Philosophy of Specific Fields | 40,825 | 194,908 | 90,419 | 115,289 | 160,807 | 366,516 |
| 2203 | Philosophy | 18,976 | 72,333 | 133,510 | 95,935 | 105,383 | 334,828 |
| 2204 | Religion and Religious Studies | 13,731 | 123,292 | 212,584 | 112,310 | 99,825 | 424,718 |
| 2299 | Other Philosophy and Religious Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | 497,356,167 | 645,148,435 | 767,298,614 | 1,909,803,215 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 01 | Mathematical Sciences | 135,873 | 3,804,827 | 4,576,896 | 4,169,785 | 5,209,064 | 13,955,746 |
| 0101 | Pure Mathematics | 41,886 | 953,652 | 665,506 | 633,959 | 720,274 | 2,019,739 |
| 0102 | Applied Mathematics | 44,486 | 818,521 | 1,053,805 | 732,951 | 1,390,617 | 3,177,373 |
| 0103 | Numerical and Computational Mathematics | 53,924 | 568,500 | 776,833 | 826,006 | 501,488 | 2,104,328 |
| 0104 | Statistics | 53,262 | 885,262 | 689,300 | 954,374 | 1,246,522 | 2,890,196 |
| 0105 | Mathematical Physics | 101,970 | 1,206,022 | 823,285 | 857,173 | 740,458 | 2,420,916 |
| 0199 | Other Mathematical Sciences | 141,335 | 1,178,898 | 568,167 | 165,321 | 609,705 | 1,343,193 |
| 02 | Physical Sciences | 852,825 | 5,713,007 | 10,539,405 | 8,286,323 | 7,823,879 | 26,651,606 |
| 0201 | Astronomical and Space Sciences | 158,263 | 2,832,991 | 2,420,272 | 747,664 | 1,465,417 | 4,633,353 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 45,010 | 529,245 | 416,273 | 724,239 | 481,910 | 1,622,421 |
| 0203 | Classical Physics | 21,286 | 126,100 | 247,219 | 42,472 | 10,618 | 300,309 |
| 0204 | Condensed Matter Physics | 130,835 | 4,157,317 | 3,354,593 | 2,692,685 | 2,584,849 | 8,632,127 |
| 0205 | Optical Physics | 298,989 | 1,027,988 | 1,717,399 | 2,134,744 | 1,346,431 | 5,198,574 |
| 0206 | Quantum Physics | 116,905 | 898,052 | 953,462 | 685,939 | 673,074 | 2,312,475 |
| 0299 | Other Physical Sciences | 98,196 | 1,398,720 | 1,430,187 | 1,260,580 | 1,261,580 | 3,952,347 |
| 03 | Chemical Sciences | 938,355 | 21,456,816 | 30,179,596 | 27,646,630 | 23,283,531 | 81,109,756 |
| 0301 | Analytical Chemistry | 101,199 | 3,054,787 | 3,282,401 | 3,638,964 | 4,814,738 | 11,736,102 |
| 0302 | Inorganic Chemistry | 16,964 | 564,697 | 342,886 | 334,409 | 878,013 | 1,555,308 |
| 0303 | Macromolecular and Materials Chemistry | 214,857 | 1,518,697 | 2,280,245 | 2,022,459 | 1,675,116 | 5,977,820 |
| 0304 | Medicinal and Biomolecular Chemistry | 534,554 | 20,615,725 | 12,915,355 | 10,684,409 | 6,342,354 | 29,942,118 |
| 0305 | Organic Chemistry | 154,777 | 1,923,542 | 2,216,792 | 2,259,644 | 2,911,218 | 7,387,655 |
| 0306 | Physical Chemistry (Incl. Structural) | 109,468 | 3,972,362 | 4,659,418 | 5,086,318 | 4,077,085 | 13,822,821 |
| 0307 | Theoretical and Computational Chemistry | 27,161 | 93,190 | 131,162 | 31,972 | 50,238 | 213,372 |
| 0399 | Other Chemical Sciences | 89,818 | 5,960,663 | 4,351,336 | 3,588,454 | 2,534,769 | 10,474,559 |
| 04 | Earth Sciences | 741,286 | 11,793,539 | 16,168,384 | 17,075,573 | 24,309,200 | 57,553,157 |
| 0401 | Atmospheric Sciences | 79,109 | 856,107 | 1,716,129 | 859,262 | 1,750,864 | 4,326,255 |
| 0402 | Geochemistry | 256,530 | 1,641,179 | 2,152,012 | 1,831,773 | 2,021,713 | 6,005,498 |
| 0403 | Geology | 594,381 | 8,291,779 | 6,563,626 | 7,443,636 | 11,154,204 | 25,161,466 |
| 0404 | Geophysics | 125,104 | 3,981,487 | 2,449,517 | 3,300,813 | 4,152,672 | 9,903,003 |
| 0405 | Oceanography | 17,220 | 1,622,944 | 1,119,214 | 956,683 | 1,963,812 | 4,039,708 |
| 0406 | Physical Geography and Environmental Geoscience | 89,771 | 3,207,134 | 2,026,112 | 2,276,590 | 3,027,193 | 7,329,895 |
| 0499 | Other Earth Sciences | 28,839 | 424,617 | 141,774 | 406,816 | 238,742 | 787,333 |
| 05 | Environmental Sciences | 922,773 | 11,231,365 | 15,244,424 | 19,940,040 | 21,108,663 | 56,293,127 |
| 0501 | Ecological Applications | 40,308 | 3,439,762 | 1,730,174 | 1,687,379 | 1,294,441 | 4,711,994 |
| 0502 | Environmental Science and Management | 853,303 | 6,988,524 | 11,170,997 | 15,881,355 | 17,512,979 | 44,565,332 |
| 0503 | Soil Sciences | 77,991 | 2,785,743 | 2,184,146 | 2,145,138 | 2,142,127 | 6,471,411 |
| 0599 | Other Environmental Sciences | 11,342 | 375,092 | 159,106 | 226,167 | 159,116 | 544,389 |
| 06 | Biological Sciences | 2,460,331 | 36,508,891 | 57,023,558 | 64,055,025 | 74,434,430 | 195,513,013 |
| 0601 | Biochemistry and Cell Biology | 829,707 | 19,893,948 | 23,465,783 | 30,179,955 | 29,579,734 | 83,225,472 |
| 0602 | Ecology | 302,934 | 4,210,625 | 4,856,763 | 5,990,666 | 7,705,495 | 18,552,923 |
| 0603 | Evolutionary Biology | 32,498 | 1,053,644 | 807,139 | 1,101,960 | 1,157,115 | 3,066,215 |
| 0604 | Genetics | 243,264 | 9,289,810 | 8,054,577 | 7,862,090 | 11,505,274 | 27,421,940 |
| 0605 | Microbiology | 379,310 | 6,564,378 | 9,775,606 | 7,639,236 | 8,223,593 | 25,638,435 |
| 0606 | Physiology | 41,391 | 1,207,759 | 1,223,735 | 1,582,653 | 1,054,631 | 3,861,020 |
| 0607 | Plant Biology | 134,032 | 3,756,581 | 4,089,875 | 5,198,107 | 5,998,375 | 15,286,357 |
| 0608 | Zoology | 78,685 | 8,221,333 | 3,972,246 | 3,707,703 | 6,624,481 | 14,304,429 |
| 0699 | Other Biological Sciences | 88,063 | 1,456,772 | 777,834 | 792,657 | 2,585,732 | 4,156,223 |
| 07 | Agricultural and Veterinary Sciences | 332,516 | 15,125,043 | 20,481,931 | 20,262,423 | 27,078,631 | 67,822,984 |
| 0701 | Agriculture, Land and Farm Management | 71,003 | 967,123 | 1,170,243 | 2,069,697 | 1,090,146 | 4,330,086 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 0702 | Animal Production | 88,958 | 2,013,817 | 2,549,653 | 2,951,215 | 3,528,925 | 9,029,792 |
| 0703 | Crop and Pasture Production | 50,055 | 5,635,127 | 4,915,103 | 4,685,758 | 5,652,700 | 15,253,562 |
| 0704 | Fisheries Sciences | 89,624 | 2,095,007 | 1,234,109 | 1,782,732 | 3,005,733 | 6,022,574 |
| 0705 | Forestry Sciences | 60,006 | 1,602,626 | 1,740,951 | 1,841,500 | 1,599,204 | 5,181,655 |
| 0706 | Horticultural Production | 55,730 | 2,108,301 | 2,545,451 | 1,615,071 | 2,406,437 | 6,566,959 |
| 0707 | Veterinary Sciences | 96,982 | 7,838,755 | 5,084,444 | 4,543,934 | 6,297,094 | 15,925,472 |
| 0799 | Other Agricultural and Veterinary Sciences | 39,580 | 4,399,593 | 1,241,978 | 772,517 | 3,498,391 | 5,512,885 |
| 08 | Information and Computing Sciences | 503,593 | 5,048,806 | 10,685,093 | 11,917,337 | 13,503,999 | 36,106,429 |
| 0801 | Artificial Intelligence and Image Processing | 247,196 | 1,546,321 | 3,540,132 | 4,135,206 | 4,119,373 | 11,794,711 |
| 0802 | Computation Theory and Mathematics | 99,198 | 911,775 | 339,368 | 682,853 | 1,262,016 | 2,284,237 |
| 0803 | Computer Software | 89,704 | 1,629,675 | 1,114,825 | 1,475,903 | 1,368,828 | 3,959,556 |
| 0804 | Data Format | 39,406 | 783,095 | 342,059 | 678,646 | 886,129 | 1,906,834 |
| 0805 | Distributed Computing | 30,231 | 455,369 | 341,019 | 914,886 | 254,184 | 1,510,088 |
| 0806 | Information Systems | 150,919 | 2,790,987 | 3,904,699 | 3,075,804 | 4,592,164 | 11,572,667 |
| 0807 | Library and Information Studies | 27,719 | 1,048,557 | 945,764 | 813,278 | 777,141 | 2,536,183 |
| 0899 | Other Information and Computing Sciences | 51,936 | 223,009 | 157,227 | 140,761 | 244,165 | 542,153 |
| 09 | Engineering | 2,408,643 | 37,271,699 | 66,777,269 | 81,848,047 | 87,992,998 | 236,618,314 |
| 0901 | Aerospace Engineering | 144,097 | 489,657 | 507,135 | 797,576 | 663,093 | 1,967,804 |
| 0902 | Automotive Engineering | 47,548 | 895,201 | 633,175 | 144,798 | 745,751 | 1,523,724 |
| 0903 | Biomedical Engineering | 120,420 | 3,684,031 | 2,832,271 | 2,662,191 | 4,537,841 | 10,032,302 |
| 0904 | Chemical Engineering | 784,082 | 5,430,857 | 7,457,024 | 12,209,588 | 8,154,158 | 27,820,770 |
| 0905 | Civil Engineering | 262,407 | 15,565,537 | 12,155,803 | 13,436,973 | 10,731,423 | 36,324,199 |
| 0906 | Electrical and Electronic Engineering | 669,008 | 9,652,226 | 10,304,285 | 10,054,811 | 10,861,404 | 31,220,499 |
| 0907 | Environmental Engineering | 139,430 | 2,935,116 | 2,658,424 | 1,856,552 | 2,455,760 | 6,970,736 |
| 0908 | Food Sciences | 70,153 | 959,692 | 584,631 | 976,721 | 640,063 | 2,201,416 |
| 0909 | Geomatic Engineering | 50,665 | 1,407,863 | 860,402 | 1,354,169 | 952,235 | 3,166,805 |
| 0910 | Manufacturing Engineering | 56,574 | 4,145,431 | 884,504 | 1,767,605 | 3,808,136 | 6,460,245 |
| 0911 | Maritime Engineering | 14,480 | 416,056 | 384,573 | 325,922 | 208,695 | 919,190 |
| 0912 | Materials Engineering | 366,545 | 2,563,605 | 4,659,784 | 5,281,055 | 9,132,565 | 19,073,405 |
| 0913 | Mechanical Engineering | 357,255 | 5,237,075 | 6,530,269 | 10,321,229 | 12,521,749 | 29,373,247 |
| 0914 | Resources Engineering and Extractive Metallurgy | 517,361 | 21,194,498 | 14,140,200 | 17,858,495 | 19,751,916 | 51,750,611 |
| 0915 | Interdisciplinary Engineering | 59,275 | 2,386,623 | 1,448,262 | 2,018,792 | 2,388,160 | 5,855,214 |
| 0999 | Other Engineering | 57,116 | 552,546 | 736,527 | 781,571 | 440,049 | 1,958,147 |
| 10(B8) | Technology | 291,258 | 2,670,228 | 4,313,452 | 3,681,258 | 4,728,341 | 12,723,051 |
| 1001 | Agricultural Biotechnology | 94,838 | 2,259,626 | 2,253,694 | 1,494,468 | 1,197,728 | 4,945,890 |
| 1002 | Environmental Biotechnology | 28,709 | 1,626,418 | 997,119 | 559,591 | 1,482,336 | 3,039,046 |
| 1003 | Industrial Biotechnology | 105,212 | 560,465 | 586,901 | 1,048,296 | 627,507 | 2,262,704 |
| 1004 | Medical Biotechnology | 216,605 | 539,424 | 475,738 | 578,902 | 1,420,770 | 2,475,411 |
| 10(MIC) | Technology | 71,244 | 4,394,081 | 2,542,868 | 2,675,222 | 4,119,915 | 9,338,004 |
| 1005 | Communications Technologies | 1,200 | 4,063,305 | 1,763,119 | 1,699,514 | 2,981,867 | 6,444,500 |
| 1006 | Computer Hardware | 20,994 | 822,388 | 300,725 | 554,451 | 663,142 | 1,518,319 |
| 1007 | Nanotechnology | 50,038 | 322,176 | 409,389 | 407,489 | 444,496 | 1,261,374 |
| 1099 | Other Technology | 18,718 | 71,801 | 69,635 | 13,767 | 30,409 | 113,811 |
| 11(BCH) | Medical and Health Sciences | 1,648,331 | 266,359,495 | 232,849,357 | 246,317,981 | 276,814,230 | 755,981,567 |
| 1101 | Medical Biochemistry and Metabolomics | 86,653 | 2,166,496 | 2,401,075 | 2,247,593 | 2,754,807 | 7,403,476 |
| 1102 | Cardiovascular Medicine and Haematology | 97,681 | 12,532,306 | 10,430,244 | 13,922,725 | 15,184,869 | 39,537,838 |
| 1103 | Clinical Sciences | 593,551 | 191,434,665 | 121,765,186 | 112,605,848 | 113,028,742 | 347,399,776 |
| 1105 | Dentistry | 1,250,047 | 5,020,288 | 3,449,040 | 4,436,760 | 5,147,150 | 13,032,950 |
| 1107 | Immunology | 341,016 | 15,088,546 | 12,669,934 | 14,279,505 | 29,040,307 | 55,989,747 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1108 | Medical Microbiology | 330,567 | 4,975,356 | 4,047,653 | 4,990,043 | 6,694,042 | 15,731,739 |
| 1109 | Neurosciences | 860,003 | 23,203,069 | 19,340,813 | 20,917,634 | 22,646,147 | 62,904,594 |
| 1112 | Oncology and Carcinogenesis | 461,620 | 36,827,869 | 28,000,233 | 36,861,947 | 39,186,136 | 104,048,316 |
| 1113 | Ophthalmology and Optometry | 287,517 | 4,927,680 | 5,968,819 | 4,640,774 | 6,168,179 | 16,777,772 |
| 1114 | Paediatrics and Reproductive Medicine | 1,310,261 | 8,303,057 | 8,047,601 | 12,149,906 | 14,677,117 | 34,874,625 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 159,766 | 12,202,821 | 10,483,912 | 13,316,130 | 17,773,702 | 41,573,744 |
| 1116 | Medical Physiology | 145,124 | 4,827,539 | 6,244,846 | 5,949,115 | 4,513,031 | 16,706,992 |
| 11(PAH) | Medical and Health Sciences | 1,899,370 | 62,331,955 | 71,412,402 | 72,306,155 | 91,350,535 | 235,071,092 |
| 1104 | Complementary and Alternative Medicine | 58,479 | 1,322,341 | 1,246,496 | 1,481,681 | 876,972 | 3,605,148 |
| 1106 | Human Movement and Sports Science | 125,825 | 1,281,667 | 3,671,823 | 2,225,340 | 3,035,722 | 8,932,885 |
| 1110 | Nursing | 200,994 | 2,095,665 | 3,333,539 | 3,390,539 | 4,196,113 | 10,920,191 |
| 1111 | Nutrition and Dietics | 61,683 | 2,982,933 | 2,856,387 | 3,368,220 | 3,168,625 | 9,393,233 |
| 1117 | Public Health and Health Services | 1,617,328 | 24,268,038 | 47,223,081 | 50,245,075 | 62,830,406 | 160,298,562 |
| 1199 | Other Medical and Health Sciences | 59,049 | 33,398,843 | 13,081,076 | 11,597,301 | 17,242,697 | 41,921,074 |
| 12(EE) | Built Environment and Design | 149,330 | 662,367 | 537,717 | 939,581 | 1,836,674 | 3,313,973 |
| 1202 | Building | 149,330 | 662,367 | 530,456 | 902,729 | 1,735,147 | 3,168,332 |
| 1204 | Engineering Design | 30,580 | 60,850 | 7,261 | 36,852 | 101,528 | 145,640 |
| 12(HCA) | Built Environment and Design | 176,805 | 2,866,291 | 2,373,101 | 3,913,486 | 4,524,477 | 10,811,063 |
| 1201 | Architecture | 60,044 | 675,128 | 799,436 | 980,118 | 1,482,500 | 3,262,054 |
| 1203 | Design Practice and Management | 53,129 | 264,476 | 275,118 | 264,834 | 504,301 | 1,044,253 |
| 1205 | Urban and Regional Planning | 120,736 | 1,938,689 | 956,880 | 2,036,025 | 1,968,530 | 4,961,435 |
| 1299 | Other Built Environment and Design | 27,359 | 1,242,523 | 341,667 | 632,508 | 569,146 | 1,543,321 |
| 13 | Education | 679,871 | 7,010,558 | 12,371,993 | 12,146,483 | 16,434,437 | 40,952,913 |
| 1301 | Education Systems | 72,415 | 2,358,662 | 1,700,847 | 2,397,013 | 3,892,074 | 7,989,935 |
| 1302 | Curriculum and Pedagogy | 144,749 | 1,369,342 | 1,594,722 | 2,568,275 | 3,409,127 | 7,572,125 |
| 1303 | Specialist Studies in Education | 316,409 | 4,481,433 | 8,853,433 | 6,854,423 | 8,725,966 | 24,433,822 |
| 1399 | Other Education | 35,830 | 319,854 | 222,990 | 326,772 | 407,270 | 957,032 |
| 14 | Economics | 248,034 | 10,801,640 | 14,853,011 | 8,091,818 | 9,175,496 | 32,120,325 |
| 1401 | Economic Theory | 94,011 | 220,912 | 325,499 | 200,792 | 102,108 | 628,398 |
| 1402 | Applied Economics | 259,539 | 9,390,820 | 12,443,055 | 5,961,393 | 6,519,572 | 24,924,020 |
| 1403 | Econometrics | 39,506 | 2,385,978 | 1,926,958 | 1,664,973 | 2,011,646 | 5,603,577 |
| 1499 | Other Economics | 25,915 | 730,076 | 157,499 | 264,660 | 542,170 | 964,329 |
| 15 | Commerce, Management, Tourism and Services | 423,132 | 6,072,655 | 11,338,131 | 13,298,788 | 13,470,217 | 38,107,135 |
| 1501 | Accounting, Auditing and Accountability | 33,309 | 1,209,746 | 1,254,146 | 1,495,170 | 1,643,325 | 4,392,642 |
| 1502 | Banking, Finance and Investment | 38,736 | 1,437,406 | 1,708,822 | 1,255,539 | 1,304,352 | 4,268,712 |
| 1503 | Business and Management | 240,919 | 3,101,440 | 4,754,243 | 6,231,519 | 6,628,569 | 17,614,331 |
| 1504 | Commercial Services | 53,968 | 346,353 | 416,721 | 534,272 | 182,656 | 1,133,648 |
| 1505 | Marketing | 49,693 | 5,291,772 | 2,853,220 | 3,133,296 | 2,841,943 | 8,828,458 |
| 1506 | Tourism | 37,321 | 238,839 | 273,228 | 552,802 | 614,837 | 1,440,866 |
| 1507 | Transportation and Freight Services | 35,378 | 110,864 | 36,785 | 81,680 | 231,694 | 350,159 |
| 1599 | Other Commerce, Management, Tourism and Services | 23,609 | 27,764 | 40,966 | 14,510 | 22,841 | 78,318 |
| 16 | Studies in Human Society | 803,549 | 8,055,601 | 13,425,550 | 17,978,460 | 23,013,943 | 54,417,954 |
| 1601 | Anthropology | 111,136 | 1,124,415 | 1,244,019 | 1,034,192 | 2,297,920 | 4,576,131 |
| 1602 | Criminology | 22,371 | 808,168 | 503,900 | 438,502 | 1,189,292 | 2,131,694 |
| 1603 | Demography | 33,476 | 618,913 | 665,451 | 340,026 | 863,489 | 1,868,966 |
| 1604 | Human Geography | 57,884 | 406,368 | 665,901 | 1,057,115 | 881,747 | 2,604,764 |
| 1605 | Policy and Administration | 95,993 | 2,614,007 | 3,012,754 | 2,954,173 | 4,856,627 | 10,823,554 |
| 1606 | Political Science | 41,141 | 4,765,994 | 1,331,547 | 3,152,106 | 5,416,249 | 9,899,903 |
| 1607 | Social Work | 124,551 | 1,095,191 | 1,419,390 | 1,946,963 | 2,587,703 | 5,954,056 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|-------------------|--------------------|--------------------|--------------------|----------------------|
| 1608 | Sociology | 171,024 | 2,636,189 | 3,693,396 | 5,812,339 | 3,746,337 | 13,252,072 |
| 1699 | Other Studies in Human Society | 23,411 | 1,277,876 | 889,192 | 1,243,045 | 1,174,578 | 3,306,814 |
| 17 | Psychology and Cognitive Sciences | 578,449 | 5,001,491 | 10,567,779 | 9,765,644 | 12,786,327 | 33,119,750 |
| 1701 | Psychology | 341,793 | 4,546,682 | 9,792,662 | 9,072,783 | 11,008,179 | 29,873,624 |
| 1702 | Cognitive Sciences | 42,998 | 1,050,932 | 731,961 | 645,603 | 1,560,184 | 2,937,747 |
| 1799 | Other Psychology and Cognitive Sciences | 58,230 | 100,566 | 43,156 | 217,258 | 193,965 | 308,379 |
| 18 | Law and Legal Studies | 105,443 | 2,659,926 | 3,180,991 | 3,302,778 | 5,193,251 | 11,677,020 |
| 1801 | Law | 98,333 | 2,659,926 | 3,061,536 | 3,265,548 | 5,088,746 | 11,415,829 |
| 1802 | Maori Law | 40,876 | 40,876 | 0 | 0 | 40,876 | 40,876 |
| 1899 | Other Law and Legal Studies | 10,375 | 203,965 | 119,454 | 37,231 | 63,629 | 220,314 |
| 19 | Studies in Creative Arts and Writing | 105,229 | 2,609,970 | 2,212,487 | 2,214,542 | 2,607,208 | 7,034,237 |
| 1901 | Art Theory and Criticism | 55,171 | 226,780 | 95,008 | 192,357 | 241,480 | 528,845 |
| 1902 | Film, Television and Digital Media | 30,446 | 288,979 | 253,977 | 235,123 | 312,503 | 801,604 |
| 1903 | Journalism and Professional Writing | 9,158 | 227,728 | 96,865 | 79,471 | 114,940 | 291,275 |
| 1904 | Performing Arts and Creative Writing | 40,786 | 618,208 | 639,307 | 756,367 | 675,508 | 2,071,182 |
| 1905 | Visual Arts and Crafts | 71,824 | 1,935,195 | 1,120,288 | 924,929 | 1,256,841 | 3,302,058 |
| 1999 | Other Studies in Creative Arts and Writing | 17,834 | 20,379 | 7,041 | 26,294 | 5,937 | 39,273 |
| 20 | Language, Communication and Culture | 231,847 | 4,740,893 | 3,816,541 | 9,454,200 | 6,956,771 | 20,227,512 |
| 2001 | Communication and Media Studies | 40,995 | 725,418 | 332,197 | 1,618,538 | 858,777 | 2,809,513 |
| 2002 | Cultural Studies | 69,111 | 1,120,955 | 923,875 | 1,479,286 | 1,788,175 | 4,191,336 |
| 2003 | Language Studies | 48,556 | 439,809 | 693,355 | 518,256 | 494,542 | 1,706,153 |
| 2004 | Linguistics | 73,604 | 1,198,796 | 904,540 | 1,086,084 | 1,551,632 | 3,542,257 |
| 2005 | Literary Studies | 66,179 | 4,206,131 | 411,059 | 4,083,777 | 1,215,728 | 5,710,564 |
| 2099 | Other Language, Communication and Culture | 21,647 | 2,213,790 | 551,515 | 668,259 | 1,047,915 | 2,267,690 |
| 21 | History and Archaeology | 99,604 | 8,864,206 | 6,511,490 | 7,814,031 | 6,825,081 | 21,150,602 |
| 2101 | Archaeology | 221,611 | 2,638,676 | 1,805,505 | 2,023,563 | 3,011,046 | 6,840,115 |
| 2102 | Curatorial and Related Studies | 19,968 | 898,324 | 92,914 | 914,922 | 249,538 | 1,257,374 |
| 2103 | Historical Studies | 65,712 | 7,666,267 | 4,519,142 | 4,858,142 | 3,546,556 | 12,923,840 |
| 2199 | Other History and Archaeology | 64,636 | 125,440 | 93,928 | 17,404 | 17,941 | 129,273 |
| 22 | Philosophy and Religious Studies | 128,398 | 6,041,648 | 3,481,864 | 3,768,347 | 3,995,115 | 11,245,325 |
| 2201 | Applied Ethics | 30,660 | 469,500 | 452,396 | 409,343 | 417,683 | 1,279,422 |
| 2202 | History and Philosophy of Specific Fields | 128,398 | 484,974 | 320,225 | 353,478 | 177,128 | 850,831 |
| 2203 | Philosophy | 105,141 | 323,981 | 86,105 | 503,045 | 339,070 | 928,220 |
| 2204 | Religion and Religious Studies | 209,250 | 6,041,648 | 2,611,836 | 2,502,480 | 3,061,234 | 8,175,549 |
| 2299 | Other Philosophy and Religious Studies | 11,303 | 11,303 | 0 | 0 | 0 | 11,303 |
| Total | | | | 627,465,288 | 672,873,956 | 768,576,411 | 2,068,915,655 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - AUSTRALIAN

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 01 | Mathematical Sciences | 72,728 | 3,355,352 | 3,235,881 | 3,071,578 | 3,455,627 | 9,763,086 |
| 0101 | Pure Mathematics | 32,334 | 459,983 | 392,984 | 282,429 | 200,967 | 876,380 |
| 0102 | Applied Mathematics | 30,103 | 784,928 | 804,363 | 541,840 | 1,062,133 | 2,408,336 |
| 0103 | Numerical and Computational Mathematics | 57,222 | 530,019 | 773,848 | 718,174 | 472,143 | 1,964,165 |
| 0104 | Statistics | 39,195 | 719,319 | 645,064 | 728,979 | 785,361 | 2,159,404 |
| 0105 | Mathematical Physics | 57,351 | 1,023,139 | 619,622 | 769,527 | 656,627 | 2,045,776 |
| 0199 | Other Mathematical Sciences | 55,444 | 230,621 | 0 | 30,630 | 278,395 | 309,025 |
| 02 | Physical Sciences | 522,432 | 2,585,747 | 4,416,215 | 5,287,906 | 4,196,800 | 13,900,921 |
| 0201 | Astronomical and Space Sciences | 61,761 | 385,091 | 512,415 | 427,868 | 335,908 | 1,276,191 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 42,841 | 454,408 | 285,308 | 580,200 | 407,553 | 1,273,061 |
| 0203 | Classical Physics | 21,286 | 126,100 | 247,219 | 36,623 | 10,618 | 294,459 |
| 0204 | Condensed Matter Physics | 72,811 | 1,379,803 | 1,049,850 | 1,718,874 | 1,434,078 | 4,202,802 |
| 0205 | Optical Physics | 158,035 | 643,164 | 983,004 | 1,223,986 | 654,089 | 2,861,079 |
| 0206 | Quantum Physics | 29,749 | 756,539 | 318,686 | 304,743 | 322,179 | 945,608 |
| 0299 | Other Physical Sciences | 60,116 | 1,398,720 | 1,019,734 | 995,612 | 1,032,376 | 3,047,722 |
| 03 | Chemical Sciences | 754,676 | 11,601,077 | 27,461,948 | 17,468,049 | 17,603,298 | 62,533,295 |
| 0301 | Analytical Chemistry | 95,599 | 3,054,787 | 2,830,360 | 3,207,112 | 4,089,575 | 10,127,048 |
| 0302 | Inorganic Chemistry | 16,964 | 221,495 | 243,427 | 223,170 | 395,052 | 861,648 |
| 0303 | Macromolecular and Materials Chemistry | 194,482 | 968,022 | 1,447,713 | 1,529,380 | 1,182,870 | 4,159,963 |
| 0304 | Medicinal and Biomolecular Chemistry | 191,975 | 10,765,261 | 12,511,449 | 2,849,979 | 3,377,054 | 18,738,482 |
| 0305 | Organic Chemistry | 150,557 | 1,923,542 | 2,089,467 | 2,028,476 | 2,524,099 | 6,642,042 |
| 0306 | Physical Chemistry (Incl. Structural) | 83,403 | 3,766,191 | 3,863,949 | 4,066,137 | 3,513,480 | 11,443,566 |
| 0307 | Theoretical and Computational Chemistry | 34,490 | 89,297 | 126,380 | 31,179 | 27,756 | 185,314 |
| 0399 | Other Chemical Sciences | 97,554 | 5,925,539 | 4,349,204 | 3,532,617 | 2,493,411 | 10,375,231 |
| 04 | Earth Sciences | 528,376 | 10,122,294 | 12,603,092 | 12,559,925 | 17,379,521 | 42,542,539 |
| 0401 | Atmospheric Sciences | 52,048 | 637,910 | 939,934 | 557,741 | 1,005,946 | 2,503,620 |
| 0402 | Geochemistry | 210,542 | 1,618,559 | 1,973,701 | 1,362,360 | 1,735,859 | 5,071,920 |
| 0403 | Geology | 201,358 | 7,847,888 | 4,900,239 | 5,017,750 | 6,575,684 | 16,493,673 |
| 0404 | Geophysics | 117,155 | 3,959,687 | 2,206,892 | 2,975,525 | 3,755,906 | 8,938,323 |
| 0405 | Oceanography | 17,220 | 1,622,944 | 728,176 | 319,977 | 1,522,911 | 2,571,064 |
| 0406 | Physical Geography and Environmental Geoscience | 73,763 | 3,187,322 | 1,725,005 | 1,944,905 | 2,634,728 | 6,304,638 |
| 0499 | Other Earth Sciences | 23,830 | 424,617 | 129,146 | 381,668 | 148,487 | 659,301 |
| 05 | Environmental Sciences | 781,673 | 9,345,430 | 9,895,951 | 15,410,372 | 15,389,349 | 40,695,672 |
| 0501 | Ecological Applications | 31,952 | 531,419 | 440,853 | 835,027 | 442,222 | 1,718,102 |
| 0502 | Environmental Science and Management | 780,690 | 6,293,702 | 7,529,230 | 12,380,343 | 13,047,590 | 32,957,163 |
| 0503 | Soil Sciences | 66,689 | 2,785,743 | 1,775,627 | 1,969,481 | 1,892,450 | 5,637,558 |
| 0599 | Other Environmental Sciences | 14,465 | 222,417 | 150,242 | 225,521 | 7,086 | 382,849 |
| 06 | Biological Sciences | 2,164,628 | 20,598,243 | 36,337,917 | 43,500,052 | 53,519,647 | 133,357,616 |
| 0601 | Biochemistry and Cell Biology | 643,848 | 16,142,578 | 16,367,708 | 22,506,004 | 21,845,923 | 60,719,635 |
| 0602 | Ecology | 256,228 | 1,940,245 | 3,019,724 | 4,383,273 | 5,935,497 | 13,338,495 |
| 0603 | Evolutionary Biology | 29,115 | 950,764 | 680,332 | 611,417 | 830,965 | 2,122,713 |
| 0604 | Genetics | 164,338 | 5,320,001 | 3,990,913 | 4,550,504 | 8,299,034 | 16,840,452 |
| 0605 | Microbiology | 94,817 | 4,168,752 | 5,579,467 | 4,015,422 | 4,191,966 | 13,786,856 |
| 0606 | Physiology | 38,924 | 1,068,299 | 984,778 | 846,680 | 716,901 | 2,548,360 |
| 0607 | Plant Biology | 89,021 | 3,733,468 | 3,552,944 | 4,464,005 | 4,751,472 | 12,768,421 |
| 0608 | Zoology | 65,095 | 1,893,348 | 1,455,559 | 1,466,640 | 4,416,938 | 7,339,137 |
| 0699 | Other Biological Sciences | 78,930 | 1,456,772 | 705,491 | 656,107 | 2,530,950 | 3,893,548 |
| 07 | Agricultural and Veterinary Sciences | 305,340 | 13,177,091 | 15,983,707 | 16,690,717 | 23,721,532 | 56,395,955 |
| 0701 | Agriculture, Land and Farm Management | 62,826 | 897,945 | 1,142,061 | 1,953,523 | 920,706 | 4,016,291 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - AUSTRALIAN (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 0702 | Animal Production | 28,211 | 1,846,430 | 1,784,858 | 2,272,691 | 2,760,221 | 6,817,770 |
| 0703 | Crop and Pasture Production | 38,729 | 4,819,853 | 3,248,260 | 3,712,845 | 4,790,677 | 11,751,782 |
| 0704 | Fisheries Sciences | 70,238 | 2,053,578 | 956,812 | 1,432,262 | 2,789,564 | 5,178,638 |
| 0705 | Forestry Sciences | 76,148 | 1,456,183 | 1,521,928 | 1,568,451 | 1,423,654 | 4,514,033 |
| 0706 | Horticultural Production | 55,838 | 1,782,085 | 2,133,046 | 1,442,144 | 2,328,531 | 5,903,721 |
| 0707 | Veterinary Sciences | 69,950 | 6,508,271 | 3,954,763 | 3,542,199 | 5,402,438 | 12,899,401 |
| 0799 | Other Agricultural and Veterinary Sciences | 39,580 | 4,399,593 | 1,241,978 | 766,601 | 3,305,742 | 5,314,320 |
| 08 | Information and Computing Sciences | 419,230 | 4,143,504 | 8,450,539 | 8,560,184 | 7,944,047 | 24,954,770 |
| 0801 | Artificial Intelligence and Image Processing | 212,646 | 1,210,040 | 2,866,906 | 3,143,409 | 2,734,663 | 8,744,978 |
| 0802 | Computation Theory and Mathematics | 90,531 | 593,411 | 335,809 | 655,700 | 946,846 | 1,938,356 |
| 0803 | Computer Software | 66,772 | 493,472 | 564,174 | 907,409 | 443,118 | 1,914,701 |
| 0804 | Data Format | 30,432 | 165,513 | 210,268 | 347,748 | 128,345 | 686,360 |
| 0805 | Distributed Computing | 30,231 | 274,204 | 122,033 | 373,061 | 195,228 | 690,322 |
| 0806 | Information Systems | 102,783 | 2,790,987 | 3,453,435 | 2,248,777 | 2,599,047 | 8,301,258 |
| 0807 | Library and Information Studies | 24,370 | 845,299 | 740,686 | 743,318 | 652,637 | 2,136,641 |
| 0899 | Other Information and Computing Sciences | 51,936 | 223,009 | 157,227 | 140,761 | 244,165 | 542,153 |
| 09 | Engineering | 2,247,689 | 24,436,432 | 45,764,534 | 58,729,544 | 65,811,672 | 170,305,751 |
| 0901 | Aerospace Engineering | 37,463 | 288,554 | 296,826 | 365,139 | 235,575 | 897,539 |
| 0902 | Automotive Engineering | 70,438 | 847,351 | 412,833 | 96,947 | 745,751 | 1,255,532 |
| 0903 | Biomedical Engineering | 90,716 | 3,099,178 | 2,017,359 | 2,098,145 | 4,209,561 | 8,325,065 |
| 0904 | Chemical Engineering | 723,075 | 4,179,863 | 5,386,783 | 9,919,526 | 6,450,358 | 21,756,667 |
| 0905 | Civil Engineering | 218,414 | 14,310,722 | 9,002,537 | 10,880,022 | 8,838,426 | 28,720,993 |
| 0906 | Electrical and Electronic Engineering | 565,827 | 2,321,604 | 5,068,956 | 6,035,706 | 5,858,381 | 16,963,043 |
| 0907 | Environmental Engineering | 138,088 | 1,028,771 | 1,425,321 | 1,898,852 | 1,898,182 | 4,686,355 |
| 0908 | Food Sciences | 70,153 | 945,233 | 576,447 | 918,917 | 636,249 | 2,131,612 |
| 0909 | Geomatic Engineering | 90,230 | 473,188 | 421,050 | 825,914 | 779,422 | 2,026,386 |
| 0910 | Manufacturing Engineering | 52,481 | 4,012,251 | 880,110 | 1,648,601 | 3,479,023 | 6,007,734 |
| 0911 | Maritime Engineering | 17,156 | 416,056 | 340,432 | 325,922 | 201,196 | 867,549 |
| 0912 | Materials Engineering | 241,604 | 2,443,602 | 3,440,353 | 3,982,371 | 6,212,194 | 13,634,919 |
| 0913 | Mechanical Engineering | 222,507 | 5,148,040 | 4,905,702 | 6,900,982 | 10,631,661 | 22,438,345 |
| 0914 | Resources Engineering and Extractive Metallurgy | 441,484 | 10,656,245 | 9,773,271 | 11,102,709 | 13,175,924 | 34,051,903 |
| 0915 | Interdisciplinary Engineering | 39,764 | 2,353,206 | 1,318,506 | 1,765,206 | 2,093,220 | 5,176,933 |
| 0999 | Other Engineering | 45,687 | 486,247 | 498,049 | 500,578 | 366,549 | 1,365,176 |
| 10(BB) | Technology | 74,973 | 2,583,138 | 2,206,720 | 2,564,948 | 3,550,776 | 8,322,444 |
| 1001 | Agricultural Biotechnology | 61,320 | 824,938 | 474,554 | 593,816 | 288,402 | 1,356,772 |
| 1002 | Environmental Biotechnology | 23,530 | 1,626,418 | 984,774 | 551,358 | 1,469,242 | 3,005,374 |
| 1003 | Industrial Biotechnology | 63,567 | 560,465 | 370,106 | 929,667 | 505,542 | 1,805,315 |
| 1004 | Medical Biotechnology | 144,659 | 539,424 | 377,287 | 490,106 | 1,287,590 | 2,154,984 |
| 10(MIC) | Technology | 59,017 | 4,051,516 | 2,291,700 | 2,394,268 | 3,806,987 | 8,492,955 |
| 1005 | Communications Technologies | 53,569 | 3,894,295 | 1,665,546 | 1,599,201 | 2,910,300 | 6,175,047 |
| 1006 | Computer Hardware | 20,994 | 822,388 | 294,174 | 544,594 | 614,403 | 1,453,171 |
| 1007 | Nanotechnology | 45,963 | 229,081 | 322,614 | 236,705 | 251,875 | 811,195 |
| 1099 | Other Technology | 8,731 | 31,505 | 9,365 | 13,767 | 30,409 | 53,542 |
| 11(BCH) | Medical and Health Sciences | 1,567,578 | 193,531,501 | 157,675,480 | 178,771,786 | 212,856,696 | 549,303,963 |
| 1101 | Medical Biochemistry and Metabolomics | 93,205 | 2,003,724 | 2,167,639 | 1,888,121 | 1,833,520 | 5,889,280 |
| 1102 | Cardiovascular Medicine and Haematology | 524,284 | 5,378,844 | 6,307,695 | 8,190,628 | 11,038,596 | 25,536,920 |
| 1103 | Clinical Sciences | 396,723 | 137,986,497 | 80,463,240 | 76,170,226 | 87,286,310 | 243,919,776 |
| 1105 | Dentistry | 565,142 | 3,842,512 | 1,976,892 | 3,121,132 | 3,978,193 | 9,076,218 |
| 1107 | Immunology | 173,975 | 13,542,573 | 6,558,958 | 10,294,135 | 21,370,470 | 38,223,563 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - AUSTRALIAN (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1108 | Medical Microbiology | 151,315 | 2,430,293 | 1,792,839 | 3,016,801 | 3,799,868 | 8,609,508 |
| 1109 | Neurosciences | 856,038 | 19,170,249 | 14,216,252 | 17,101,853 | 18,230,485 | 49,548,590 |
| 1112 | Oncology and Carcinogenesis | 461,620 | 32,335,364 | 22,791,412 | 32,348,196 | 34,797,734 | 89,937,342 |
| 1113 | Ophthalmology and Optometry | 243,473 | 4,899,093 | 4,090,446 | 4,344,046 | 4,344,046 | 11,748,296 |
| 1114 | Paediatrics and Reproductive Medicine | 694,709 | 5,696,575 | 5,485,161 | 8,145,882 | 11,011,939 | 24,642,982 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 131,305 | 8,311,361 | 7,808,407 | 11,967,670 | 11,967,670 | 30,023,565 |
| 1116 | Medical Physiology | 212,876 | 4,827,539 | 4,016,539 | 4,934,277 | 3,197,107 | 12,147,923 |
| 11(PAH) | Medical and Health Sciences | 1,676,300 | 54,302,743 | 49,844,125 | 55,830,702 | 73,891,683 | 179,566,509 |
| 1104 | Complementary and Alternative Medicine | 50,124 | 333,973 | 327,682 | 491,138 | 1,250,567 | 1,250,567 |
| 1106 | Human Movement and Sports Science | 113,786 | 1,226,157 | 2,795,708 | 1,791,335 | 2,369,723 | 6,956,765 |
| 1110 | Nursing | 183,941 | 1,449,901 | 3,098,814 | 2,939,410 | 3,350,329 | 9,388,553 |
| 1111 | Nutrition and Diabetics | 47,916 | 1,553,026 | 1,493,999 | 2,167,411 | 2,050,783 | 5,712,193 |
| 1117 | Public Health and Health Services | 1,188,589 | 20,540,218 | 29,439,570 | 37,406,786 | 48,841,864 | 115,688,221 |
| 1199 | Other Medical and Health Sciences | 69,430 | 33,128,800 | 12,688,352 | 11,094,013 | 16,787,846 | 40,570,211 |
| 12(EE) | Built Environment and Design | 149,330 | 443,295 | 514,263 | 711,216 | 1,296,386 | 2,521,865 |
| 1202 | Building | 149,330 | 419,664 | 507,892 | 675,157 | 1,197,038 | 2,380,087 |
| 1204 | Engineering Design | 28,649 | 60,850 | 6,371 | 36,059 | 99,348 | 141,778 |
| 12(HCA) | Built Environment and Design | 176,805 | 1,454,568 | 1,873,578 | 2,592,468 | 3,304,427 | 7,770,474 |
| 1201 | Architecture | 60,044 | 675,128 | 657,972 | 795,369 | 1,273,430 | 2,726,771 |
| 1203 | Design Practice and Management | 30,364 | 247,932 | 267,682 | 199,885 | 444,802 | 912,368 |
| 1205 | Urban and Regional Planning | 88,967 | 601,507 | 700,760 | 1,339,797 | 1,049,212 | 3,089,770 |
| 1299 | Other Built Environment and Design | 29,565 | 754,718 | 247,165 | 257,417 | 536,983 | 1,041,565 |
| 13 | Education | 525,436 | 6,038,847 | 9,718,685 | 10,460,570 | 12,831,363 | 33,010,618 |
| 1301 | Education Systems | 64,495 | 2,088,671 | 1,466,383 | 2,042,347 | 3,047,591 | 6,556,321 |
| 1302 | Curriculum and Pedagogy | 119,714 | 1,202,891 | 1,312,029 | 2,111,511 | 2,847,323 | 6,270,862 |
| 1303 | Specialist Studies in Education | 246,050 | 2,747,286 | 6,717,282 | 5,998,603 | 6,538,823 | 19,254,708 |
| 1399 | Other Education | 42,320 | 319,854 | 222,990 | 308,110 | 397,627 | 928,727 |
| 14 | Economics | 193,768 | 10,678,424 | 12,148,588 | 5,674,652 | 6,491,541 | 24,314,780 |
| 1401 | Economic Theory | 24,863 | 60,802 | 102,797 | 11,961 | 42,063 | 156,820 |
| 1402 | Applied Economics | 203,037 | 9,273,598 | 10,999,643 | 4,482,128 | 4,892,468 | 20,374,238 |
| 1403 | Econometrics | 40,888 | 1,401,877 | 901,729 | 1,045,026 | 1,246,128 | 3,192,883 |
| 1499 | Other Economics | 25,397 | 376,603 | 144,420 | 135,537 | 310,882 | 590,839 |
| 15 | Commerce, Management, Tourism and Services | 372,742 | 3,961,405 | 7,783,793 | 9,716,707 | 10,016,705 | 27,517,205 |
| 1501 | Accounting, Auditing and Accountability | 30,233 | 1,147,000 | 896,240 | 1,326,732 | 1,366,729 | 3,589,701 |
| 1502 | Banking, Finance and Investment | 44,656 | 971,420 | 1,472,449 | 918,879 | 800,210 | 3,191,537 |
| 1503 | Business and Management | 172,442 | 1,543,654 | 2,766,050 | 4,403,135 | 5,254,601 | 12,423,786 |
| 1504 | Commercial Services | 31,539 | 346,353 | 410,403 | 478,170 | 92,702 | 981,275 |
| 1505 | Marketing | 48,063 | 3,679,478 | 2,015,263 | 2,064,968 | 1,769,375 | 5,849,606 |
| 1506 | Tourism | 36,938 | 214,019 | 145,636 | 429,427 | 498,259 | 1,073,318 |
| 1507 | Transportation and Freight Services | 32,118 | 110,864 | 36,785 | 80,886 | 215,329 | 333,001 |
| 1599 | Other Commerce, Management, Tourism and Services | 27,712 | 27,764 | 40,966 | 14,510 | 19,506 | 74,982 |
| 16 | Studies in Human Society | 644,537 | 6,568,134 | 10,544,870 | 15,456,807 | 16,250,771 | 42,252,448 |
| 1601 | Anthropology | 174,969 | 704,979 | 990,653 | 844,949 | 1,679,639 | 3,515,242 |
| 1602 | Criminology | 22,371 | 760,767 | 486,997 | 426,627 | 1,013,712 | 1,927,336 |
| 1603 | Demography | 41,788 | 219,422 | 374,246 | 260,521 | 462,882 | 1,097,649 |
| 1604 | Human Geography | 30,534 | 406,368 | 514,665 | 933,859 | 570,554 | 2,015,078 |
| 1605 | Policy and Administration | 100,428 | 1,609,091 | 1,993,726 | 1,834,511 | 3,938,261 | 7,766,498 |
| 1606 | Political Science | 37,932 | 2,464,830 | 1,050,851 | 3,022,247 | 2,270,730 | 6,343,828 |
| 1607 | Social Work | 125,098 | 1,095,191 | 1,388,175 | 1,853,112 | 2,559,667 | 5,800,954 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - AUSTRALIAN (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|--------------------|--------------------|--------------------|----------------------|-------------------|
| 1608 | Sociology | 152,201 | 2,488,608 | 2,912,391 | 5,124,327 | 2,670,268 | 10,706,986 |
| 1699 | Other Studies in Human Society | 19,365 | 1,190,150 | 833,167 | 1,156,654 | 1,085,056 | 3,074,877 |
| 17 | Psychology and Cognitive Sciences | 340,441 | 4,645,978 | 8,628,247 | 7,461,227 | 10,299,669 | 26,389,143 |
| 1701 | Psychology | 311,063 | 4,211,757 | 8,003,057 | 6,957,509 | 9,660,452 | 24,621,017 |
| 1702 | Cognitive Sciences | 19,385 | 452,288 | 582,034 | 456,460 | 421,253 | 1,459,747 |
| 1799 | Other Psychology and Cognitive Sciences | 58,230 | 100,566 | 43,156 | 217,965 | 217,965 | 308,379 |
| 18 | Law and Legal Studies | 107,203 | 1,481,826 | 2,236,916 | 2,812,498 | 2,055,280 | 7,104,694 |
| 1801 | Law | 97,706 | 1,481,826 | 2,117,462 | 2,775,267 | 1,956,749 | 6,849,478 |
| 1802 | Maori Law | 40,876 | 40,876 | 0 | 0 | 40,876 | 40,876 |
| 1899 | Other Law and Legal Studies | 107,170 | 203,965 | 119,454 | 37,231 | 57,655 | 214,340 |
| 19 | Studies in Creative Arts and Writing | 96,136 | 2,407,862 | 1,852,891 | 1,842,708 | 2,197,653 | 5,893,252 |
| 1901 | Art Theory and Criticism | 31,584 | 94,010 | 38,144 | 44,891 | 134,116 | 217,151 |
| 1902 | Film, Television and Digital Media | 25,121 | 151,632 | 132,156 | 152,105 | 252,151 | 536,413 |
| 1903 | Journalism and Professional Writing | 9,076 | 221,886 | 93,608 | 78,677 | 109,572 | 281,857 |
| 1904 | Performing Arts and Creative Writing | 40,166 | 472,560 | 512,169 | 691,288 | 524,677 | 1,728,135 |
| 1905 | Visual Arts and Crafts | 36,819 | 1,922,467 | 1,069,772 | 849,451 | 1,171,199 | 3,090,423 |
| 1999 | Other Studies in Creative Arts and Writing | 17,834 | 20,379 | 7,041 | 26,294 | 5,937 | 39,273 |
| 20 | Language, Communication and Culture | 120,609 | 1,867,779 | 2,146,080 | 3,122,589 | 3,829,198 | 9,097,867 |
| 2001 | Communication and Media Studies | 39,312 | 309,404 | 205,411 | 606,578 | 591,496 | 1,403,485 |
| 2002 | Cultural Studies | 69,111 | 989,693 | 758,776 | 1,186,848 | 1,586,935 | 3,532,558 |
| 2003 | Language Studies | 30,734 | 394,785 | 584,186 | 355,011 | 284,935 | 1,224,132 |
| 2004 | Linguistics | 25,117 | 581,730 | 212,512 | 425,526 | 896,127 | 1,534,165 |
| 2005 | Literary Studies | 40,574 | 331,044 | 363,405 | 524,465 | 443,128 | 1,330,999 |
| 2099 | Other Language, Communication and Culture | 18,629 | 27,764 | 21,789 | 24,162 | 26,577 | 72,528 |
| 21 | History and Archaeology | 74,365 | 8,651,717 | 5,833,442 | 7,358,692 | 5,743,001 | 18,935,135 |
| 2101 | Archaeology | 119,199 | 2,376,215 | 1,498,188 | 1,728,487 | 2,328,276 | 5,554,951 |
| 2102 | Curatorial and Related Studies | 16,294 | 846,586 | 73,488 | 876,423 | 227,147 | 1,177,058 |
| 2103 | Historical Studies | 64,296 | 7,453,778 | 4,167,838 | 4,736,379 | 3,169,637 | 12,073,854 |
| 2199 | Other History and Archaeology | 64,636 | 125,440 | 93,928 | 17,404 | 17,941 | 129,273 |
| 22 | Philosophy and Religious Studies | 42,706 | 6,041,648 | 3,196,845 | 3,526,745 | 3,790,391 | 10,513,981 |
| 2201 | Applied Ethics | 14,955 | 469,500 | 332,282 | 369,603 | 376,858 | 1,078,742 |
| 2202 | History and Philosophy of Specific Fields | 128,398 | 456,404 | 197,937 | 280,698 | 141,244 | 619,878 |
| 2203 | Philosophy | 58,955 | 323,981 | 83,436 | 451,331 | 252,317 | 787,083 |
| 2204 | Religion and Religious Studies | 226,757 | 6,041,648 | 2,571,888 | 2,425,114 | 3,019,973 | 8,016,975 |
| 2299 | Other Philosophy and Religious Studies | 11,303 | 11,303 | 0 | 0 | 0 | 11,303 |
| Total | | | 442,646,007 | 491,576,909 | 581,234,020 | 1,515,456,936 | |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL A

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 01 | Mathematical Sciences | 92,093 | 1,545,547 | 1,041,477 | 557,878 | 464,784 | 2,064,139 |
| 0101 | Pure Mathematics | 11,464 | 597,270 | 268,074 | 263,600 | 83,039 | 614,713 |
| 0102 | Applied Mathematics | 43,134 | 124,018 | 41,534 | 92,554 | 77,404 | 211,492 |
| 0103 | Numerical and Computational Mathematics | 1,206 | 1,206 | 1,206 | 0 | 0 | 1,206 |
| 0104 | Statistics | 42,595 | 81,472 | 28,223 | 43,185 | 13,781 | 85,189 |
| 0105 | Mathematical Physics | 46,243 | 151,269 | 134,273 | 23,848 | 45,139 | 203,261 |
| 0199 | Other Mathematical Sciences | 948,278 | 948,278 | 568,167 | 134,691 | 245,420 | 948,278 |
| 02 | Physical Sciences | 216,452 | 1,968,436 | 2,611,388 | 1,880,887 | 2,101,091 | 6,593,366 |
| 0201 | Astronomical and Space Sciences | 41,603 | 1,362,368 | 575,007 | 178,325 | 930,073 | 1,683,405 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 19,757 | 30,052 | 0 | 35,208 | 4,307 | 39,515 |
| 0203 | Classical Physics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0204 | Condensed Matter Physics | 76,306 | 1,502,156 | 1,050,450 | 492,520 | 351,033 | 1,894,002 |
| 0205 | Optical Physics | 77,678 | 439,841 | 414,175 | 750,452 | 424,923 | 1,589,551 |
| 0206 | Quantum Physics | 103,691 | 659,861 | 522,982 | 369,296 | 316,018 | 1,208,297 |
| 0299 | Other Physical Sciences | 43,694 | 112,079 | 48,774 | 55,084 | 74,737 | 178,596 |
| 03 | Chemical Sciences | 98,635 | 653,140 | 432,812 | 877,433 | 962,927 | 2,273,172 |
| 0301 | Analytical Chemistry | 98,635 | 169,288 | 162,771 | 73,764 | 146,280 | 382,814 |
| 0302 | Inorganic Chemistry | 69,522 | 137,307 | 7,996 | 0 | 206,829 | 214,825 |
| 0303 | Macromolecular and Materials Chemistry | 8,172 | 436,376 | 61,199 | 204,020 | 211,541 | 476,760 |
| 0304 | Medicinal and Biomolecular Chemistry | 60,082 | 440,646 | 167,061 | 460,966 | 175,528 | 803,555 |
| 0305 | Organic Chemistry | 56,584 | 91,443 | 0 | 41,186 | 71,982 | 113,169 |
| 0306 | Physical Chemistry (Incl. Structural) | 16,951 | 150,045 | 31,654 | 87,776 | 119,131 | 238,562 |
| 0307 | Theoretical and Computational Chemistry | 0 | 0 | 0 | 0 | 0 | 0 |
| 0399 | Other Chemical Sciences | 14,521 | 26,835 | 2,132 | 9,720 | 31,635 | 43,488 |
| 04 | Earth Sciences | 214,522 | 730,034 | 645,202 | 1,275,635 | 1,500,109 | 3,420,946 |
| 0401 | Atmospheric Sciences | 23,324 | 401,573 | 33,622 | 176,248 | 238,995 | 448,864 |
| 0402 | Geochemistry | 44,363 | 61,328 | 23,714 | 98,696 | 35,991 | 158,402 |
| 0403 | Geology | 70,045 | 513,434 | 232,841 | 382,456 | 824,304 | 1,439,601 |
| 0404 | Geophysics | 149,253 | 317,728 | 181,113 | 137,337 | 149,253 | 467,702 |
| 0405 | Oceanography | 195,307 | 503,910 | 158,293 | 397,308 | 232,752 | 788,353 |
| 0406 | Physical Geography and Environmental Geoscience | 16,002 | 39,195 | 15,619 | 72,662 | 18,815 | 107,097 |
| 0499 | Other Earth Sciences | 10,927 | 10,927 | 0 | 10,927 | 0 | 10,927 |
| 05 | Environmental Sciences | 41,156 | 6,653,245 | 3,117,137 | 2,581,101 | 2,117,219 | 7,815,458 |
| 0501 | Ecological Applications | 12,216 | 2,906,986 | 1,262,911 | 848,386 | 820,926 | 2,932,223 |
| 0502 | Environmental Science and Management | 52,578 | 3,740,702 | 1,843,727 | 1,727,504 | 1,296,294 | 4,867,524 |
| 0503 | Soil Sciences | 3,423 | 5,557 | 1,634 | 5,212 | 0 | 6,846 |
| 0599 | Other Environmental Sciences | 8,865 | 8,865 | 8,865 | 0 | 8,865 | 8,865 |
| 06 | Biological Sciences | 717,272 | 16,842,226 | 15,735,913 | 13,169,612 | 14,739,660 | 43,645,185 |
| 0601 | Biochemistry and Cell Biology | 664,336 | 3,555,633 | 5,400,468 | 3,185,044 | 5,475,248 | 14,060,759 |
| 0602 | Ecology | 23,739 | 3,292,439 | 1,474,426 | 1,267,640 | 1,274,455 | 4,016,521 |
| 0603 | Evolutionary Biology | 58,231 | 275,958 | 103,697 | 401,027 | 125,100 | 629,824 |
| 0604 | Genetics | 119,884 | 3,339,182 | 2,469,649 | 2,658,935 | 2,492,867 | 7,621,450 |
| 0605 | Microbiology | 218,483 | 3,563,954 | 3,388,914 | 2,513,829 | 2,509,509 | 8,412,252 |
| 0606 | Physiology | 60,552 | 513,466 | 140,784 | 645,041 | 254,519 | 1,040,344 |
| 0607 | Plant Biology | 42,072 | 702,176 | 271,695 | 322,452 | 478,150 | 1,072,297 |
| 0608 | Zoology | 99,206 | 6,286,142 | 2,470,104 | 2,165,110 | 2,126,807 | 6,762,020 |
| 0699 | Other Biological Sciences | 10,277 | 11,450 | 16,176 | 10,536 | 3,005 | 29,717 |
| 07 | Agricultural and Veterinary Sciences | 163,233 | 1,722,702 | 2,510,488 | 1,426,991 | 954,000 | 4,891,478 |
| 0701 | Agriculture, Land and Farm Management | 29,101 | 39,575 | 0 | 26,799 | 31,402 | 58,201 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL A (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 0702 | Animal Production | 116,590 | 240,228 | 184,470 | 203,597 | 147,539 | 535,605 |
| 0703 | Crop and Pasture Production | 82,305 | 1,395,018 | 1,505,370 | 624,919 | 240,622 | 2,370,911 |
| 0704 | Fisheries Sciences | 102,370 | 111,522 | 21,749 | 118,795 | 93,451 | 233,995 |
| 0705 | Forestry Sciences | 19,981 | 28,104 | 33,401 | 19,981 | 0 | 53,382 |
| 0706 | Horticultural Production | 72,898 | 326,215 | 310,525 | 91,181 | 28,424 | 430,130 |
| 0707 | Veterinary Sciences | 114,146 | 585,482 | 454,973 | 341,719 | 412,563 | 1,209,255 |
| 0799 | Other Agricultural and Veterinary Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 08 | Information and Computing Sciences | 90,854 | 998,809 | 164,820 | 397,852 | 1,715,066 | 2,277,738 |
| 0801 | Artificial Intelligence and Image Processing | 89,833 | 265,236 | 113,993 | 219,907 | 716,863 | 1,050,762 |
| 0802 | Computation Theory and Mathematics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0803 | Computer Software | 9,802 | 39,778 | 10,928 | 39,778 | 0 | 50,707 |
| 0804 | Data Format | 88,711 | 137,522 | 39,899 | 137,522 | 0 | 177,422 |
| 0805 | Distributed Computing | 0 | 0 | 0 | 0 | 0 | 0 |
| 0806 | Information Systems | 18,309 | 959,909 | 0 | 0 | 998,203 | 998,203 |
| 0807 | Library and Information Studies | 645 | 645 | 0 | 645 | 0 | 645 |
| 0899 | Other Information and Computing Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 09 | Engineering | 161,946 | 7,026,251 | 1,706,631 | 4,235,511 | 4,456,021 | 10,398,163 |
| 0901 | Aerospace Engineering | 48,670 | 87,057 | 97,339 | 87,057 | 29,884 | 214,279 |
| 0902 | Automotive Engineering | 1,634 | 1,634 | 1,634 | 0 | 0 | 1,634 |
| 0903 | Biomedical Engineering | 4,586 | 204,935 | 95,917 | 43,545 | 75,935 | 215,397 |
| 0904 | Chemical Engineering | 34,756 | 192,307 | 39,219 | 177,828 | 59,476 | 276,523 |
| 0905 | Civil Engineering | 27,480 | 352,527 | 330,454 | 65,535 | 49,868 | 445,857 |
| 0906 | Electrical and Electronic Engineering | 154,073 | 335,253 | 277,008 | 253,850 | 659,240 | 1,190,099 |
| 0907 | Environmental Engineering | 17,617 | 35,933 | 1,634 | 17,468 | 53,999 | 73,101 |
| 0908 | Food Sciences | 3,269 | 3,269 | 3,269 | 0 | 0 | 3,269 |
| 0909 | Geomatic Engineering | 16,043 | 16,043 | 9,802 | 1,934 | 4,307 | 16,043 |
| 0910 | Manufacturing Engineering | 104,217 | 133,180 | 0 | 0 | 208,434 | 208,434 |
| 0911 | Maritime Engineering | 0 | 0 | 0 | 0 | 0 | 0 |
| 0912 | Materials Engineering | 184,523 | 670,209 | 67,973 | 506,760 | 490,950 | 1,065,683 |
| 0913 | Mechanical Engineering | 69,902 | 2,775,939 | 213,773 | 2,073,820 | 906,339 | 3,193,933 |
| 0914 | Resources Engineering and Extractive Metallurgy | 107,531 | 3,082,534 | 515,616 | 969,480 | 1,758,563 | 3,243,659 |
| 0915 | Interdisciplinary Engineering | 31,069 | 133,180 | 28,532 | 38,233 | 159,026 | 225,791 |
| 0999 | Other Engineering | 24,461 | 24,461 | 24,461 | 0 | 0 | 24,461 |
| 10(B8) | Technology | 34,985 | 262,917 | 104,465 | 162,475 | 161,543 | 428,482 |
| 1001 | Agricultural Biotechnology | 59,775 | 84,566 | 38,296 | 67,015 | 14,239 | 119,551 |
| 1002 | Environmental Biotechnology | 10,191 | 10,191 | 0 | 5,884 | 4,308 | 10,191 |
| 1003 | Industrial Biotechnology | 30,025 | 30,025 | 10,174 | 10,035 | 9,816 | 30,025 |
| 1004 | Medical Biotechnology | 79,710 | 178,351 | 55,995 | 79,541 | 133,180 | 268,715 |
| 10(MIC) | Technology | 60,270 | 88,997 | 125,618 | 26,565 | 6,891 | 159,073 |
| 1005 | Communications Technologies | 79,667 | 79,667 | 58,813 | 14,825 | 6,029 | 79,667 |
| 1006 | Computer Hardware | 0 | 0 | 0 | 0 | 0 | 0 |
| 1007 | Nanotechnology | 9,568 | 9,806 | 6,535 | 11,740 | 861 | 19,136 |
| 1099 | Other Technology | 60,270 | 60,270 | 60,270 | 0 | 0 | 60,270 |
| 11(BCH) | Medical and Health Sciences | 523,181 | 12,342,080 | 21,639,232 | 24,727,293 | 23,813,074 | 70,179,599 |
| 1101 | Medical Biochemistry and Metabolomics | 125,555 | 216,544 | 206,019 | 194,712 | 299,967 | 700,698 |
| 1102 | Cardiovascular Medicine and Haematology | 59,590 | 1,053,858 | 1,209,093 | 1,037,257 | 981,979 | 3,228,329 |
| 1103 | Clinical Sciences | 445,598 | 4,347,012 | 5,637,832 | 9,569,872 | 7,005,780 | 22,213,484 |
| 1105 | Dentistry | 346,112 | 786,952 | 864,015 | 459,948 | 319,746 | 1,643,709 |
| 1107 | Immunology | 441,322 | 3,681,540 | 4,413,375 | 3,172,764 | 4,005,622 | 11,591,761 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL A (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|------------------|------------------|------------------|-------------------|
| 1108 | Medical Microbiology | 303,346 | 772,691 | 1,437,169 | 1,431,336 | 1,139,227 | 4,007,731 |
| 1109 | Neurosciences | 121,102 | 2,335,892 | 2,193,969 | 1,849,347 | 2,264,408 | 6,307,724 |
| 1112 | Oncology and Carcinogenesis | 587,790 | 2,111,404 | 2,217,210 | 2,474,406 | 2,260,812 | 6,952,429 |
| 1113 | Ophthalmology and Optometry | 30,582 | 88,088 | 10,619 | 5,801 | 142,884 | 159,304 |
| 1114 | Paediatrics and Reproductive Medicine | 818,538 | 1,784,323 | 1,753,657 | 2,481,117 | 1,743,965 | 5,978,738 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 80,132 | 2,819,369 | 824,974 | 1,237,184 | 2,854,242 | 4,916,400 |
| 1116 | Medical Physiology | 58,512 | 1,098,036 | 871,300 | 813,549 | 794,444 | 2,479,293 |
| 11(PAH) | Medical and Health Sciences | 240,645 | 5,255,513 | 8,300,925 | 9,873,530 | 8,618,292 | 26,792,747 |
| 1104 | Complementary and Alternative Medicine | 31,923 | 50,776 | 28,961 | 55,495 | 33,504 | 117,960 |
| 1106 | Human Movement and Sports Science | 23,697 | 433,221 | 387,645 | 266,965 | 138,124 | 792,734 |
| 1110 | Nursing | 27,574 | 215,485 | 97,659 | 4,688 | 252,090 | 354,437 |
| 1111 | Nutrition and Dietics | 10,735 | 22,441 | 0 | 1,289 | 43,911 | 45,200 |
| 1117 | Public Health and Health Services | 605,891 | 5,033,882 | 7,776,141 | 9,088,637 | 7,758,180 | 24,622,957 |
| 1199 | Other Medical and Health Sciences | 59,298 | 737,244 | 10,520 | 456,456 | 392,483 | 859,458 |
| 12(EE) | Built Environment and Design | 27,939 | 27,939 | 16,337 | 11,602 | 0 | 27,939 |
| 1202 | Building | 27,939 | 27,939 | 16,337 | 11,602 | 0 | 27,939 |
| 1204 | Engineering Design | 0 | 0 | 0 | 0 | 0 | 0 |
| 12(HCA) | Built Environment and Design | 47,252 | 872,783 | 268,436 | 1,934 | 711,489 | 981,858 |
| 1201 | Architecture | 16,979 | 33,313 | 33,313 | 645 | 33,957 | 33,957 |
| 1203 | Design Practice and Management | 645 | 645 | 0 | 645 | 0 | 645 |
| 1205 | Urban and Regional Planning | 466,342 | 871,493 | 220,551 | 645 | 711,489 | 932,684 |
| 1299 | Other Built Environment and Design | 14,572 | 14,572 | 14,572 | 0 | 0 | 14,572 |
| 13 | Education | 47,945 | 412,588 | 347,764 | 461,233 | 557,849 | 1,366,846 |
| 1301 | Education Systems | 6,684 | 54,742 | 0 | 15,861 | 52,480 | 68,342 |
| 1302 | Curriculum and Pedagogy | 32,061 | 412,357 | 93,358 | 248,460 | 261,161 | 602,980 |
| 1303 | Specialist Studies in Education | 30,135 | 264,454 | 254,406 | 196,911 | 244,207 | 695,524 |
| 1399 | Other Education | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | Economics | 56,886 | 530,397 | 480,797 | 662,816 | 255,238 | 1,398,851 |
| 1401 | Economic Theory | 0 | 0 | 0 | 0 | 0 | 0 |
| 1402 | Applied Economics | 44,038 | 502,286 | 474,260 | 515,598 | 255,238 | 1,245,096 |
| 1403 | Econometrics | 28,111 | 28,111 | 6,537 | 21,574 | 0 | 28,111 |
| 1499 | Other Economics | 125,644 | 125,644 | 125,644 | 125,644 | 0 | 125,644 |
| 15 | Commerce, Management, Tourism and Services | 36,612 | 230,880 | 36,311 | 206,068 | 382,711 | 625,091 |
| 1501 | Accounting, Auditing and Accountability | 5,581 | 16,778 | 0 | 11,819 | 18,817 | 30,636 |
| 1502 | Banking, Finance and Investment | 2,923 | 2,923 | 0 | 1,185 | 1,738 | 2,923 |
| 1503 | Business and Management | 116,840 | 149,369 | 0 | 148,669 | 277,232 | 425,901 |
| 1504 | Commercial Services | 21,960 | 21,960 | 0 | 10,020 | 11,940 | 21,960 |
| 1505 | Marketing | 59,254 | 59,254 | 24,880 | 34,374 | 0 | 59,254 |
| 1506 | Tourism | 20,008 | 36,612 | 11,431 | 0 | 56,620 | 68,051 |
| 1507 | Transportation and Freight Services | 16,365 | 16,365 | 0 | 0 | 16,365 | 16,365 |
| 1599 | Other Commerce, Management, Tourism and Services | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | Studies in Human Society | 59,063 | 787,226 | 1,296,747 | 974,749 | 1,237,194 | 3,508,690 |
| 1601 | Anthropology | 22,483 | 76,695 | 68,044 | 57,965 | 67,558 | 193,567 |
| 1602 | Criminology | 7,264 | 47,401 | 0 | 7,909 | 47,401 | 55,310 |
| 1603 | Demography | 14,467 | 227,438 | 87,519 | 45,077 | 124,420 | 257,016 |
| 1604 | Human Geography | 5,749 | 36,612 | 1,345 | 21,840 | 36,612 | 59,797 |
| 1605 | Policy and Administration | 139,543 | 784,974 | 648,798 | 451,691 | 433,103 | 1,533,592 |
| 1606 | Political Science | 30,684 | 78,914 | 85,219 | 29,960 | 131,829 | 247,007 |
| 1607 | Social Work | 3,792 | 3,867 | 0 | 7,583 | 0 | 7,583 |

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HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL A (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1608 | Sociology | 3,716 | 696,774 | 349,797 | 287,977 | 315,660 | 953,434 |
| 1699 | Other Studies in Human Society | 27,709 | 65,370 | 56,025 | 64,748 | 80,611 | 201,384 |
| 17 | Psychology and Cognitive Sciences | 95,245 | 1,911,960 | 681,074 | 1,488,639 | 1,126,616 | 3,296,329 |
| 1701 | Psychology | 95,245 | 1,577,220 | 560,543 | 1,325,086 | 821,122 | 2,706,750 |
| 1702 | Cognitive Sciences | 207,312 | 334,740 | 120,531 | 163,553 | 305,494 | 589,578 |
| 1799 | Other Psychology and Cognitive Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | Law and Legal Studies | 18,037 | 2,239,453 | 259,991 | 54,058 | 2,629,191 | 2,943,240 |
| 1801 | Law | 18,037 | 2,239,453 | 259,991 | 54,058 | 2,629,191 | 2,943,240 |
| 1802 | Maori Law | 0 | 0 | 0 | 0 | 0 | 0 |
| 1899 | Other Law and Legal Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | Studies in Creative Arts and Writing | 10,925 | 51,973 | 43,870 | 12,388 | 102,664 | 158,922 |
| 1901 | Art Theory and Criticism | 6,328 | 33,504 | 0 | 4,125 | 37,669 | 41,794 |
| 1902 | Film, Television and Digital Media | 10,925 | 10,925 | 0 | 0 | 10,925 | 10,925 |
| 1903 | Journalism and Professional Writing | 2,098 | 2,098 | 0 | 0 | 2,098 | 2,098 |
| 1904 | Performing Arts and Creative Writing | 24,880 | 51,973 | 43,870 | 0 | 51,973 | 95,842 |
| 1905 | Visual Arts and Crafts | 8,263 | 8,263 | 0 | 8,263 | 0 | 8,263 |
| 1999 | Other Studies in Creative Arts and Writing | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | Language, Communication and Culture | 103,620 | 613,055 | 769,508 | 674,153 | 955,092 | 2,398,754 |
| 2001 | Communication and Media Studies | 8,152 | 9,855 | 0 | 18,007 | 1,496 | 19,503 |
| 2002 | Cultural Studies | 8,479 | 136,564 | 19,068 | 134,623 | 0 | 153,691 |
| 2003 | Language Studies | 21,549 | 95,198 | 66,147 | 30,590 | 104,057 | 200,793 |
| 2004 | Linguistics | 110,023 | 612,410 | 675,799 | 490,352 | 376,683 | 1,542,835 |
| 2005 | Literary Studies | 6,936 | 119,209 | 8,494 | 581 | 127,120 | 136,195 |
| 2099 | Other Language, Communication and Culture | 345,737 | 345,737 | 0 | 0 | 345,737 | 345,737 |
| 21 | History and Archaeology | 41,803 | 262,460 | 366,569 | 126,735 | 599,690 | 1,092,994 |
| 2101 | Archaeology | 38,660 | 262,460 | 127,194 | 82,984 | 436,537 | 646,716 |
| 2102 | Curatorial and Related Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 2103 | Historical Studies | 11,908 | 212,489 | 239,375 | 43,751 | 163,153 | 446,278 |
| 2199 | Other History and Archaeology | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | Philosophy and Religious Studies | 16,052 | 156,927 | 146,789 | 94,448 | 6,898 | 248,135 |
| 2201 | Applied Ethics | 15,132 | 18,276 | 0 | 31,014 | 6,029 | 37,043 |
| 2202 | History and Philosophy of Specific Fields | 156,927 | 156,927 | 107,731 | 49,196 | 0 | 156,927 |
| 2203 | Philosophy | 0 | 0 | 0 | 0 | 0 | 0 |
| 2204 | Religion and Religious Studies | 13,828 | 34,135 | 39,058 | 14,238 | 869 | 54,166 |
| 2299 | Other Philosophy and Religious Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | 62,850,302 | 65,961,584 | 70,175,308 | 198,987,195 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL B

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|------------------|------------------|------------------|-------------------|
| 01 | Mathematical Sciences | 56,523 | 737,105 | 299,538 | 540,329 | 1,288,654 | 2,128,521 |
| 0101 | Pure Mathematics | 25,170 | 356,382 | 4,448 | 87,931 | 436,267 | 528,646 |
| 0102 | Applied Mathematics | 32,107 | 395,572 | 207,908 | 98,558 | 251,080 | 557,546 |
| 0103 | Numerical and Computational Mathematics | 41,886 | 58,590 | 1,779 | 107,832 | 29,345 | 138,957 |
| 0104 | Statistics | 100,211 | 196,277 | 16,013 | 182,210 | 447,380 | 645,603 |
| 0105 | Mathematical Physics | 85,940 | 136,640 | 69,390 | 63,798 | 38,691 | 171,879 |
| 0199 | Other Mathematical Sciences | 85,891 | 85,891 | 0 | 0 | 85,891 | 85,891 |
| 02 | Physical Sciences | 186,824 | 2,843,470 | 3,511,802 | 1,119,530 | 1,525,987 | 6,157,319 |
| 0201 | Astronomical and Space Sciences | 66,669 | 1,269,567 | 1,332,851 | 141,470 | 199,436 | 1,673,757 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 89,311 | 98,528 | 130,965 | 108,830 | 70,050 | 309,846 |
| 0203 | Classical Physics | 5,850 | 5,850 | 0 | 5,850 | 0 | 5,850 |
| 0204 | Condensed Matter Physics | 70,000 | 2,090,244 | 1,254,293 | 481,291 | 799,738 | 2,535,323 |
| 0205 | Optical Physics | 50,182 | 451,902 | 320,219 | 160,306 | 267,418 | 747,944 |
| 0206 | Quantum Physics | 79,285 | 81,471 | 111,794 | 11,900 | 34,877 | 158,571 |
| 0299 | Other Physical Sciences | 83,162 | 362,249 | 361,679 | 209,883 | 154,468 | 726,030 |
| 03 | Chemical Sciences | 90,053 | 9,855,739 | 2,284,835 | 9,301,148 | 4,717,306 | 16,303,290 |
| 0301 | Analytical Chemistry | 90,053 | 315,161 | 289,270 | 358,088 | 578,882 | 1,226,241 |
| 0302 | Inorganic Chemistry | 239,417 | 465,508 | 91,463 | 111,240 | 276,132 | 478,835 |
| 0303 | Macromolecular and Materials Chemistry | 71,348 | 615,185 | 771,334 | 289,059 | 280,704 | 1,341,097 |
| 0304 | Medicinal and Biomolecular Chemistry | 49,927 | 9,850,464 | 236,845 | 7,373,465 | 2,789,772 | 10,400,082 |
| 0305 | Organic Chemistry | 72,429 | 282,037 | 127,325 | 189,982 | 315,137 | 632,444 |
| 0306 | Physical Chemistry (Incl. Structural) | 68,638 | 662,144 | 763,815 | 932,404 | 444,474 | 2,140,694 |
| 0307 | Theoretical and Computational Chemistry | 6,134 | 18,031 | 4,782 | 793 | 22,482 | 28,058 |
| 0399 | Other Chemical Sciences | 9,440 | 35,124 | 0 | 46,117 | 9,723 | 55,841 |
| 04 | Earth Sciences | 451,075 | 3,362,312 | 2,920,089 | 3,240,012 | 5,429,570 | 11,589,672 |
| 0401 | Atmospheric Sciences | 154,198 | 649,301 | 742,573 | 125,274 | 505,924 | 1,373,771 |
| 0402 | Geochemistry | 53,615 | 441,964 | 154,597 | 370,717 | 249,863 | 775,176 |
| 0403 | Geology | 367,570 | 3,112,431 | 1,430,546 | 2,043,430 | 3,754,217 | 7,228,193 |
| 0404 | Geophysics | 49,241 | 221,898 | 61,513 | 187,951 | 247,513 | 496,977 |
| 0405 | Oceanography | 6,134 | 398,662 | 232,745 | 239,397 | 208,149 | 680,291 |
| 0406 | Physical Geography and Environmental Geoscience | 30,669 | 396,078 | 285,488 | 259,023 | 373,650 | 918,160 |
| 0499 | Other Earth Sciences | 58,552 | 114,614 | 12,628 | 14,221 | 90,255 | 117,105 |
| 05 | Environmental Sciences | 77,386 | 2,832,705 | 2,231,336 | 1,948,567 | 3,602,095 | 7,781,997 |
| 0501 | Ecological Applications | 5,608 | 15,782 | 26,411 | 3,967 | 31,292 | 61,669 |
| 0502 | Environmental Science and Management | 68,420 | 2,828,761 | 1,798,040 | 1,773,509 | 3,169,096 | 6,740,645 |
| 0503 | Soil Sciences | 41,239 | 477,948 | 406,885 | 170,445 | 249,677 | 827,007 |
| 0599 | Other Environmental Sciences | 152,676 | 152,676 | 0 | 646 | 152,030 | 152,676 |
| 06 | Biological Sciences | 117,870 | 4,338,433 | 4,945,728 | 7,385,361 | 6,175,123 | 18,510,212 |
| 0601 | Biochemistry and Cell Biology | 74,554 | 2,540,386 | 1,697,607 | 4,488,907 | 2,258,563 | 8,445,077 |
| 0602 | Ecology | 25,144 | 428,785 | 362,612 | 339,752 | 495,542 | 1,197,907 |
| 0603 | Evolutionary Biology | 7,200 | 255,312 | 23,111 | 89,517 | 201,050 | 313,678 |
| 0604 | Genetics | 74,990 | 630,626 | 1,594,015 | 652,651 | 713,373 | 2,960,038 |
| 0605 | Microbiology | 33,626 | 2,233,728 | 807,225 | 1,109,985 | 1,522,118 | 3,439,328 |
| 0606 | Physiology | 63,956 | 114,469 | 98,173 | 90,932 | 83,211 | 272,316 |
| 0607 | Plant Biology | 23,113 | 992,051 | 265,236 | 411,650 | 768,752 | 1,445,638 |
| 0608 | Zoology | 14,794 | 87,292 | 46,583 | 75,953 | 80,735 | 203,272 |
| 0699 | Other Biological Sciences | 18,096 | 194,797 | 55,166 | 126,015 | 51,777 | 232,958 |
| 07 | Agricultural and Veterinary Sciences | 70,983 | 1,226,249 | 1,987,737 | 2,144,715 | 2,403,099 | 6,535,551 |
| 0701 | Agriculture, Land and Farm Management | 26,093 | 61,033 | 28,181 | 89,375 | 138,038 | 255,594 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL B (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 0702 | Animal Production | 65,056 | 680,329 | 580,325 | 474,927 | 621,166 | 1,676,418 |
| 0703 | Crop and Pasture Production | 29,943 | 772,986 | 161,473 | 347,994 | 621,402 | 1,130,869 |
| 0704 | Fisheries Sciences | 38,771 | 443,853 | 255,548 | 231,675 | 122,718 | 609,941 |
| 0705 | Forestry Sciences | 39,472 | 237,159 | 185,622 | 253,068 | 175,550 | 614,240 |
| 0706 | Horticultural Production | 14,879 | 169,369 | 101,880 | 81,746 | 49,483 | 233,108 |
| 0707 | Veterinary Sciences | 123,782 | 745,002 | 674,708 | 660,015 | 482,094 | 1,816,817 |
| 0799 | Other Agricultural and Veterinary Sciences | 99,282 | 183,466 | 0 | 5,916 | 192,649 | 198,565 |
| 08 | Information and Computing Sciences | 161,433 | 2,371,979 | 2,069,734 | 2,959,301 | 3,844,886 | 8,873,921 |
| 0801 | Artificial Intelligence and Image Processing | 22,641 | 496,955 | 559,233 | 771,890 | 667,847 | 1,998,970 |
| 0802 | Computation Theory and Mathematics | 17,394 | 318,364 | 3,558 | 27,153 | 315,170 | 345,881 |
| 0803 | Computer Software | 72,890 | 1,136,203 | 539,723 | 528,716 | 925,710 | 1,994,149 |
| 0804 | Data Format | 29,909 | 692,445 | 91,892 | 193,375 | 757,785 | 1,043,052 |
| 0805 | Distributed Computing | 187,984 | 406,033 | 218,986 | 541,825 | 58,956 | 819,767 |
| 0806 | Information Systems | 167,670 | 765,790 | 451,264 | 827,028 | 994,914 | 2,273,206 |
| 0807 | Library and Information Studies | 87,627 | 202,613 | 205,078 | 69,315 | 124,504 | 398,897 |
| 0899 | Other Information and Computing Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 09 | Engineering | 521,699 | 22,190,892 | 19,306,104 | 18,882,991 | 17,725,305 | 55,914,400 |
| 0901 | Aerospace Engineering | 79,149 | 350,031 | 112,971 | 345,381 | 397,635 | 855,986 |
| 0902 | Automotive Engineering | 25,260 | 214,682 | 218,708 | 47,850 | 0 | 266,558 |
| 0903 | Biomedical Engineering | 24,240 | 1,336,515 | 718,995 | 520,500 | 252,345 | 1,491,840 |
| 0904 | Chemical Engineering | 129,089 | 3,565,054 | 2,031,022 | 2,112,233 | 1,644,325 | 5,787,580 |
| 0905 | Civil Engineering | 62,063 | 2,477,231 | 2,822,812 | 2,491,409 | 1,843,128 | 7,157,349 |
| 0906 | Electrical and Electronic Engineering | 142,151 | 7,084,944 | 4,958,321 | 3,765,254 | 4,343,782 | 13,067,358 |
| 0907 | Environmental Engineering | 74,808 | 1,882,797 | 1,231,469 | 476,231 | 503,580 | 2,211,280 |
| 0908 | Food Sciences | 11,265 | 38,493 | 4,916 | 57,804 | 3,815 | 66,534 |
| 0909 | Geomatic Engineering | 40,585 | 934,676 | 429,550 | 526,321 | 168,506 | 1,124,377 |
| 0910 | Manufacturing Engineering | 26,654 | 190,224 | 4,394 | 119,003 | 120,679 | 244,077 |
| 0911 | Maritime Engineering | 7,499 | 43,252 | 44,141 | 0 | 7,499 | 51,641 |
| 0912 | Materials Engineering | 58,521 | 1,491,139 | 1,151,458 | 791,924 | 2,429,421 | 4,372,802 |
| 0913 | Mechanical Engineering | 49,158 | 2,135,520 | 1,410,794 | 1,346,427 | 983,748 | 3,740,969 |
| 0914 | Resources Engineering and Extractive Metallurgy | 229,241 | 7,455,719 | 3,851,313 | 5,786,307 | 4,817,429 | 14,455,049 |
| 0915 | Interdisciplinary Engineering | 52,327 | 230,433 | 101,224 | 215,352 | 135,914 | 452,491 |
| 0999 | Other Engineering | 284,255 | 524,803 | 214,017 | 280,993 | 73,500 | 568,510 |
| 10(BB) | Technology | 422,967 | 2,220,676 | 2,002,266 | 953,836 | 1,016,022 | 3,972,124 |
| 1001 | Agricultural Biotechnology | 730,450 | 2,220,676 | 1,740,844 | 833,638 | 895,086 | 3,469,567 |
| 1002 | Environmental Biotechnology | 8,787 | 12,345 | 12,345 | 2,349 | 8,787 | 23,481 |
| 1003 | Industrial Biotechnology | 44,958 | 378,161 | 206,621 | 108,594 | 112,149 | 427,364 |
| 1004 | Medical Biotechnology | 25,856 | 42,456 | 42,456 | 9,255 | 0 | 51,712 |
| 10(MIC) | Technology | 46,017 | 253,568 | 125,550 | 254,389 | 306,037 | 685,976 |
| 1005 | Communications Technologies | 42,047 | 89,343 | 38,759 | 85,488 | 65,538 | 189,785 |
| 1006 | Computer Hardware | 5,661 | 57,259 | 6,550 | 9,858 | 48,740 | 65,148 |
| 1007 | Nanotechnology | 46,017 | 161,997 | 80,240 | 159,044 | 191,759 | 431,043 |
| 1099 | Other Technology | 0 | 0 | 0 | 0 | 0 | 0 |
| 11(BCH) | Medical and Health Sciences | 694,172 | 60,485,914 | 53,534,644 | 42,818,901 | 40,144,460 | 136,498,006 |
| 1101 | Medical Biochemistry and Metabolomics | 39,984 | 627,035 | 27,417 | 164,760 | 621,320 | 813,498 |
| 1102 | Cardiovascular Medicine and Haematology | 369,923 | 7,483,750 | 2,913,455 | 4,694,840 | 3,164,294 | 10,772,589 |
| 1103 | Clinical Sciences | 229,997 | 49,299,787 | 35,664,114 | 26,865,750 | 18,736,652 | 81,266,516 |
| 1105 | Dentistry | 205,514 | 1,886,865 | 608,133 | 855,680 | 849,211 | 2,313,023 |
| 1107 | Immunology | 126,003 | 2,925,867 | 1,697,601 | 812,606 | 3,664,216 | 6,174,423 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL B (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|------------------|------------------|-------------------|
| 1108 | Medical Microbiology | 78,710 | 2,251,271 | 817,645 | 541,907 | 1,754,948 | 3,114,500 |
| 1109 | Neurosciences | 96,437 | 3,438,076 | 2,930,591 | 1,966,434 | 2,151,255 | 7,048,279 |
| 1112 | Oncology and Carcinogenesis | 305,534 | 2,768,849 | 2,991,611 | 2,039,345 | 2,127,590 | 7,158,546 |
| 1113 | Ophthalmology and Optometry | 306,959 | 2,695,018 | 1,867,754 | 1,321,927 | 1,680,492 | 4,870,172 |
| 1114 | Paediatrics and Reproductive Medicine | 433,053 | 2,163,001 | 808,784 | 1,522,907 | 1,921,213 | 4,252,904 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 232,701 | 1,732,721 | 1,850,531 | 1,831,458 | 2,951,790 | 6,633,779 |
| 1116 | Medical Physiology | 137,276 | 966,857 | 1,357,007 | 201,289 | 521,480 | 2,079,776 |
| 11(PAH) | Medical and Health Sciences | 327,712 | 8,501,272 | 13,267,352 | 6,603,923 | 8,840,560 | 28,711,836 |
| 1104 | Complementary and Alternative Medicine | 65,980 | 1,255,651 | 889,853 | 994,439 | 352,329 | 2,236,621 |
| 1106 | Human Movement and Sports Science | 48,398 | 453,878 | 488,471 | 167,040 | 527,875 | 1,183,385 |
| 1110 | Nursing | 48,934 | 657,739 | 137,066 | 446,440 | 593,693 | 1,177,200 |
| 1111 | Nutrition and Diets | 54,281 | 2,640,992 | 1,362,388 | 1,199,520 | 1,073,932 | 3,635,840 |
| 1117 | Public Health and Health Services | 179,133 | 8,501,272 | 10,007,370 | 3,749,652 | 6,230,362 | 19,987,384 |
| 1199 | Other Medical and Health Sciences | 103,793 | 270,043 | 382,204 | 46,832 | 62,369 | 491,405 |
| 12(EE) | Built Environment and Design | 98,386 | 463,423 | 7,117 | 216,763 | 540,289 | 764,169 |
| 1202 | Building | 98,386 | 463,423 | 6,227 | 215,970 | 538,109 | 760,306 |
| 1204 | Engineering Design | 3,863 | 3,863 | 890 | 793 | 2,180 | 3,863 |
| 12(HCA) | Built Environment and Design | 46,805 | 538,941 | 231,087 | 1,319,084 | 508,560 | 2,058,731 |
| 1201 | Architecture | 46,805 | 196,531 | 108,152 | 184,105 | 209,070 | 501,326 |
| 1203 | Design Practice and Management | 15,899 | 61,692 | 7,436 | 64,305 | 59,499 | 131,240 |
| 1205 | Urban and Regional Planning | 48,258 | 476,089 | 35,569 | 695,583 | 207,829 | 938,981 |
| 1299 | Other Built Environment and Design | 11,120 | 473,233 | 79,930 | 375,091 | 32,163 | 487,184 |
| 13 | Education | 119,016 | 2,226,290 | 2,305,543 | 1,224,680 | 3,045,225 | 6,575,449 |
| 1301 | Education Systems | 49,264 | 383,604 | 234,464 | 338,805 | 792,003 | 1,365,272 |
| 1302 | Curriculum and Pedagogy | 29,457 | 169,003 | 189,335 | 208,304 | 300,643 | 698,282 |
| 1303 | Specialist Studies in Education | 79,140 | 1,994,695 | 1,881,745 | 658,909 | 1,942,936 | 4,483,589 |
| 1399 | Other Education | 14,152 | 18,662 | 0 | 18,662 | 9,643 | 28,305 |
| 14 | Economics | 66,509 | 1,352,264 | 2,223,626 | 1,754,350 | 2,428,717 | 6,406,693 |
| 1401 | Economic Theory | 151,942 | 189,538 | 222,703 | 188,831 | 60,045 | 471,579 |
| 1402 | Applied Economics | 43,001 | 993,594 | 969,152 | 963,667 | 1,371,866 | 3,304,686 |
| 1403 | Econometrics | 19,816 | 1,169,084 | 1,018,692 | 598,373 | 765,518 | 2,382,583 |
| 1499 | Other Economics | 13,079 | 227,829 | 13,079 | 3,479 | 231,288 | 247,846 |
| 15 | Commerce, Management, Tourism and Services | 72,360 | 3,199,478 | 3,518,027 | 3,376,012 | 3,070,801 | 9,964,840 |
| 1501 | Accounting, Auditing and Accountability | 36,224 | 338,755 | 357,906 | 156,620 | 257,779 | 772,305 |
| 1502 | Banking, Finance and Investment | 21,108 | 555,609 | 236,373 | 335,475 | 502,404 | 1,074,252 |
| 1503 | Business and Management | 55,489 | 1,844,916 | 1,988,193 | 1,679,715 | 1,096,737 | 4,764,645 |
| 1504 | Commercial Services | 19,434 | 56,069 | 6,317 | 46,081 | 78,015 | 130,413 |
| 1505 | Marketing | 82,146 | 1,612,293 | 813,077 | 1,033,953 | 1,072,568 | 2,919,598 |
| 1506 | Tourism | 18,610 | 149,617 | 116,160 | 123,375 | 59,962 | 299,497 |
| 1507 | Transportation and Freight Services | 793 | 793 | 0 | 793 | 0 | 793 |
| 1599 | Other Commerce, Management, Tourism and Services | 3,336 | 3,336 | 0 | 0 | 3,336 | 3,336 |
| 16 | Studies in Human Society | 80,054 | 2,529,884 | 1,583,933 | 1,546,905 | 5,525,979 | 8,656,817 |
| 1601 | Anthropology | 27,782 | 797,843 | 185,321 | 131,277 | 550,724 | 867,322 |
| 1602 | Criminology | 74,524 | 115,690 | 16,903 | 3,967 | 128,179 | 149,048 |
| 1603 | Demography | 24,715 | 213,869 | 203,687 | 34,428 | 276,187 | 514,301 |
| 1604 | Human Geography | 19,154 | 259,287 | 149,892 | 101,416 | 274,581 | 525,889 |
| 1605 | Policy and Administration | 27,169 | 411,951 | 370,230 | 667,971 | 485,263 | 1,523,464 |
| 1606 | Political Science | 49,911 | 2,245,882 | 195,477 | 99,900 | 3,013,690 | 3,309,068 |
| 1607 | Social Work | 12,870 | 84,279 | 31,215 | 86,268 | 28,035 | 145,519 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 3: INDUSTRY AND OTHER RESEARCH INCOME - INTERNATIONAL B (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| 1608 | Sociology | 74,848 | 393,442 | 431,208 | 400,036 | 760,409 | 1,591,653 |
| 1699 | Other Studies in Human Society | 5,838 | 22,357 | 0 | 21,643 | 8,911 | 30,553 |
| 17 | Psychology and Cognitive Sciences | 142,433 | 594,886 | 1,258,458 | 815,779 | 1,360,042 | 3,434,278 |
| 1701 | Psychology | 111,199 | 347,868 | 1,229,063 | 790,189 | 526,605 | 2,545,857 |
| 1702 | Cognitive Sciences | 53,450 | 391,332 | 29,395 | 25,590 | 833,436 | 888,422 |
| 1799 | Other Psychology and Cognitive Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | Law and Legal Studies | 44,645 | 712,417 | 684,084 | 436,222 | 508,779 | 1,629,085 |
| 1801 | Law | 44,645 | 712,417 | 684,084 | 436,222 | 502,805 | 1,623,111 |
| 1802 | Maori Law | 0 | 0 | 0 | 0 | 0 | 0 |
| 1899 | Other Law and Legal Studies | 5,974 | 5,974 | 0 | 0 | 5,974 | 5,974 |
| 19 | Studies in Creative Arts and Writing | 35,179 | 458,154 | 315,726 | 359,445 | 306,891 | 982,063 |
| 1901 | Art Theory and Criticism | 62,250 | 132,771 | 56,864 | 143,340 | 69,695 | 269,899 |
| 1902 | Film, Television and Digital Media | 5,297 | 244,974 | 121,821 | 83,018 | 49,427 | 254,266 |
| 1903 | Journalism and Professional Writing | 3,660 | 5,842 | 3,257 | 793 | 3,270 | 7,320 |
| 1904 | Performing Arts and Creative Writing | 16,806 | 155,875 | 83,267 | 65,079 | 98,859 | 247,205 |
| 1905 | Visual Arts and Crafts | 13,065 | 123,718 | 50,516 | 67,215 | 85,641 | 203,372 |
| 1999 | Other Studies in Creative Arts and Writing | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | Language, Communication and Culture | 110,033 | 3,928,500 | 900,953 | 5,657,458 | 2,172,480 | 8,730,891 |
| 2001 | Communication and Media Studies | 178,467 | 459,274 | 126,786 | 993,953 | 265,786 | 1,386,525 |
| 2002 | Cultural Studies | 12,531 | 196,336 | 146,031 | 157,815 | 201,240 | 505,087 |
| 2003 | Language Studies | 31,914 | 90,298 | 43,022 | 132,655 | 105,550 | 281,228 |
| 2004 | Linguistics | 39,920 | 157,934 | 16,229 | 170,206 | 278,822 | 465,257 |
| 2005 | Literary Studies | 12,727 | 3,919,006 | 39,159 | 3,558,731 | 645,479 | 4,243,370 |
| 2099 | Other Language, Communication and Culture | 1,849,425 | 1,849,425 | 529,726 | 644,097 | 675,602 | 1,849,425 |
| 21 | History and Archaeology | 52,602 | 386,894 | 311,478 | 328,604 | 482,390 | 1,122,473 |
| 2101 | Archaeology | 88,478 | 316,619 | 180,123 | 212,092 | 246,233 | 638,448 |
| 2102 | Curatorial and Related Studies | 5,449 | 51,738 | 19,426 | 38,499 | 22,391 | 80,316 |
| 2103 | Historical Studies | 18,536 | 225,225 | 111,929 | 78,013 | 213,766 | 403,708 |
| 2199 | Other History and Archaeology | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | Philosophy and Religious Studies | 60,008 | 210,843 | 138,230 | 147,153 | 197,825 | 483,209 |
| 2201 | Applied Ethics | 29,891 | 111,219 | 120,115 | 8,726 | 34,796 | 163,637 |
| 2202 | History and Philosophy of Specific Fields | 37,013 | 45,457 | 14,557 | 23,585 | 35,885 | 74,026 |
| 2203 | Philosophy | 18,402 | 116,052 | 2,669 | 51,715 | 86,753 | 141,137 |
| 2204 | Religion and Religious Studies | 5,797 | 49,335 | 890 | 63,128 | 40,392 | 104,409 |
| 2299 | Other Philosophy and Religious Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | 121,968,978 | 115,335,463 | 117,167,083 | 354,471,524 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 4: CRC RESEARCH INCOME

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 01 | Mathematical Sciences | 109,850 | 1,988,959 | 1,009,213 | 1,406,929 | 1,729,047 | 4,145,189 |
| 0101 | Pure Mathematics | 68,872 | 68,872 | 11,273 | 57,599 | 0 | 68,872 |
| 0102 | Applied Mathematics | 56,075 | 1,988,959 | 952,085 | 1,335,013 | 1,003,179 | 3,290,277 |
| 0103 | Numerical and Computational Mathematics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0104 | Statistics | 206,645 | 357,088 | 45,855 | 14,317 | 353,119 | 413,290 |
| 0105 | Mathematical Physics | 372,750 | 372,750 | 0 | 0 | 372,750 | 372,750 |
| 0199 | Other Mathematical Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 02 | Physical Sciences | 81,031 | 1,998,599 | 502,434 | 1,871,412 | 2,726,982 | 5,100,828 |
| 0201 | Astronomical and Space Sciences | 60,965 | 60,965 | 60,965 | 0 | 0 | 60,965 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 322,950 | 620,644 | 147,792 | 303,341 | 194,768 | 645,900 |
| 0203 | Classical Physics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0204 | Condensed Matter Physics | 5,429 | 10,064 | 793 | 10,064 | 0 | 10,857 |
| 0205 | Optical Physics | 961,164 | 1,746,989 | 183,648 | 678,840 | 1,059,841 | 1,922,328 |
| 0206 | Quantum Physics | 76,391 | 76,391 | 76,391 | 0 | 0 | 76,391 |
| 0299 | Other Physical Sciences | 300,116 | 1,998,599 | 32,845 | 879,167 | 1,472,374 | 2,384,386 |
| 03 | Chemical Sciences | 731,176 | 3,739,607 | 3,380,964 | 4,339,386 | 4,250,622 | 11,970,972 |
| 0301 | Analytical Chemistry | 95,432 | 585,601 | 213,728 | 251,343 | 328,021 | 793,092 |
| 0302 | Inorganic Chemistry | 222,505 | 322,964 | 338,742 | 286,966 | 144,185 | 769,892 |
| 0303 | Macromolecular and Materials Chemistry | 609,334 | 1,167,947 | 463,858 | 1,451,468 | 1,607,124 | 3,522,450 |
| 0304 | Medicinal and Biomolecular Chemistry | 358,135 | 696,533 | 347,516 | 140,365 | 228,389 | 716,270 |
| 0305 | Organic Chemistry | 13,648 | 88,136 | 35,453 | 63,485 | 18,411 | 117,349 |
| 0306 | Physical Chemistry (Incl. Structural) | 323,422 | 3,739,607 | 1,799,695 | 1,911,109 | 1,837,425 | 5,548,229 |
| 0307 | Theoretical and Computational Chemistry | 7,588 | 13,258 | 1,918 | 0 | 13,258 | 15,176 |
| 0399 | Other Chemical Sciences | 10,368 | 476,228 | 180,054 | 234,628 | 73,809 | 488,513 |
| 04 | Earth Sciences | 1,054,573 | 3,207,969 | 7,039,462 | 6,268,038 | 5,367,211 | 18,674,711 |
| 0401 | Atmospheric Sciences | 545,592 | 962,776 | 545,456 | 515,848 | 501,393 | 1,562,697 |
| 0402 | Geochemistry | 221,106 | 577,393 | 645,085 | 562,131 | 429,774 | 1,636,989 |
| 0403 | Geology | 909,550 | 1,701,755 | 3,107,761 | 2,453,207 | 2,065,735 | 7,626,702 |
| 0404 | Geophysics | 166,050 | 1,921,011 | 963,172 | 702,607 | 732,458 | 2,396,236 |
| 0405 | Oceanography | 91,862 | 1,603,985 | 594,528 | 762,774 | 657,871 | 2,015,173 |
| 0406 | Physical Geography and Environmental Geoscience | 194,637 | 1,408,905 | 1,183,460 | 1,271,472 | 956,801 | 3,411,733 |
| 0499 | Other Earth Sciences | 23,180 | 23,180 | 0 | 0 | 23,180 | 23,180 |
| 05 | Environmental Sciences | 534,576 | 5,062,073 | 7,118,946 | 8,327,087 | 10,057,879 | 25,503,912 |
| 0501 | Ecological Applications | 107,631 | 355,188 | 287,121 | 363,581 | 300,279 | 950,981 |
| 0502 | Environmental Science and Management | 514,181 | 5,062,073 | 6,228,543 | 7,349,586 | 9,153,704 | 22,731,834 |
| 0503 | Soil Sciences | 103,343 | 523,697 | 482,217 | 597,369 | 596,802 | 1,676,388 |
| 0599 | Other Environmental Sciences | 72,354 | 97,668 | 121,065 | 16,550 | 7,094 | 144,709 |
| 06 | Biological Sciences | 2,178,336 | 7,420,781 | 21,832,740 | 17,431,620 | 13,470,862 | 52,735,223 |
| 0601 | Biochemistry and Cell Biology | 170,593 | 2,656,479 | 1,940,594 | 2,077,418 | 2,360,793 | 6,378,805 |
| 0602 | Ecology | 440,818 | 3,620,852 | 4,843,105 | 4,704,690 | 3,680,253 | 13,228,048 |
| 0603 | Evolutionary Biology | 398,296 | 657,054 | 485,071 | 940,194 | 178,158 | 1,603,423 |
| 0604 | Genetics | 844,757 | 3,064,989 | 4,087,708 | 3,235,973 | 3,235,973 | 10,420,050 |
| 0605 | Microbiology | 190,652 | 2,118,175 | 2,629,561 | 2,648,145 | 1,264,304 | 6,542,010 |
| 0606 | Physiology | 175,539 | 327,854 | 151,031 | 334,774 | 183,893 | 669,698 |
| 0607 | Plant Biology | 434,914 | 4,353,804 | 5,911,886 | 2,501,249 | 2,260,988 | 10,674,123 |
| 0608 | Zoology | 117,227 | 333,415 | 537,698 | 297,423 | 204,094 | 1,039,216 |
| 0699 | Other Biological Sciences | 14,408 | 1,991,597 | 1,246,086 | 831,359 | 102,406 | 2,179,851 |
| 07 | Agricultural and Veterinary Sciences | 1,319,663 | 8,882,148 | 21,746,690 | 19,875,914 | 19,069,005 | 60,689,609 |
| 0701 | Agriculture, Land and Farm Management | 56,422 | 684,170 | 618,647 | 770,353 | 849,220 | 2,238,220 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 4: CRC RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 0702 | Animal Production | 638,507 | 5,825,017 | 4,141,719 | 3,353,761 | 4,994,546 | 12,490,026 |
| 0703 | Crop and Pasture Production | 815,164 | 8,882,148 | 9,513,629 | 7,868,975 | 5,517,864 | 22,900,468 |
| 0704 | Fisheries Sciences | 700,793 | 3,209,895 | 1,683,307 | 1,550,165 | 1,636,134 | 4,869,606 |
| 0705 | Forestry Sciences | 615,148 | 4,064,031 | 2,146,669 | 2,557,147 | 3,171,786 | 7,875,603 |
| 0706 | Horticultural Production | 171,317 | 386,274 | 722,488 | 135,297 | 263,082 | 1,120,867 |
| 0707 | Veterinary Sciences | 518,709 | 1,375,840 | 1,763,272 | 956,863 | 1,013,696 | 3,733,831 |
| 0799 | Other Agricultural and Veterinary Sciences | 1,266,413 | 2,143,736 | 1,156,959 | 2,681,353 | 1,622,676 | 5,460,988 |
| 08 | Information and Computing Sciences | 358,958 | 3,209,895 | 6,509,435 | 4,209,895 | 4,519,917 | 15,239,248 |
| 0801 | Artificial Intelligence and Image Processing | 121,264 | 669,916 | 1,533,828 | 494,807 | 929,662 | 2,958,297 |
| 0802 | Computation Theory and Mathematics | 14,487 | 88,467 | 18,684 | 89,062 | 1,488 | 109,234 |
| 0803 | Computer Software | 82,743 | 225,929 | 203,935 | 105,393 | 265,510 | 574,838 |
| 0804 | Data Format | 69,400 | 328,167 | 200,235 | 242,543 | 25,848 | 468,626 |
| 0805 | Distributed Computing | 95,179 | 3,209,895 | 2,086,398 | 1,279,614 | 1,330,937 | 4,696,949 |
| 0806 | Information Systems | 144,542 | 1,653,802 | 2,131,815 | 1,765,408 | 1,619,347 | 5,516,570 |
| 0807 | Library and Information Studies | 120,294 | 177,425 | 133,031 | 156,585 | 132,770 | 422,385 |
| 0899 | Other Information and Computing Sciences | 246,174 | 467,577 | 201,510 | 76,484 | 214,355 | 492,349 |
| 09 | Engineering | 2,026,417 | 30,407,191 | 36,832,038 | 33,373,099 | 35,776,984 | 105,982,122 |
| 0901 | Aerospace Engineering | 97,179 | 571,611 | 213,784 | 241,051 | 218,524 | 673,359 |
| 0902 | Automotive Engineering | 50,620 | 870,460 | 0 | 511,552 | 448,858 | 960,409 |
| 0903 | Biomedical Engineering | 145,668 | 343,590 | 509,218 | 128,042 | 221,806 | 859,066 |
| 0904 | Chemical Engineering | 773,695 | 2,280,264 | 3,873,302 | 3,144,595 | 2,780,212 | 9,798,109 |
| 0905 | Civil Engineering | 354,228 | 1,991,466 | 2,367,068 | 2,370,399 | 2,205,350 | 6,942,817 |
| 0906 | Electrical and Electronic Engineering | 280,224 | 1,123,143 | 4,110,762 | 1,314,068 | 1,479,617 | 6,904,446 |
| 0907 | Environmental Engineering | 50,011 | 1,009,664 | 703,306 | 1,000,158 | 1,055,371 | 2,758,835 |
| 0908 | Food Sciences | 183,645 | 395,923 | 166,566 | 366,174 | 595,406 | 1,128,146 |
| 0909 | Geomatic Engineering | 716,815 | 2,516,472 | 1,717,484 | 2,109,890 | 2,619,182 | 6,446,556 |
| 0910 | Manufacturing Engineering | 566,117 | 1,298,318 | 1,406,340 | 638,036 | 482,841 | 2,527,218 |
| 0911 | Maritime Engineering | 19,833 | 19,833 | 11,698 | 8,135 | 0 | 19,833 |
| 0912 | Materials Engineering | 648,315 | 6,995,328 | 5,764,530 | 7,425,352 | 6,906,758 | 20,096,639 |
| 0913 | Mechanical Engineering | 421,858 | 3,171,511 | 2,993,012 | 3,928,117 | 6,549,222 | 13,470,350 |
| 0914 | Resources Engineering and Extractive Metallurgy | 1,506,752 | 19,818,345 | 12,382,674 | 10,019,090 | 10,160,725 | 32,562,489 |
| 0915 | Interdisciplinary Engineering | 73,854 | 380,110 | 432,763 | 59,554 | 53,112 | 545,429 |
| 0999 | Other Engineering | 97,391 | 167,924 | 179,532 | 108,887 | 0 | 288,419 |
| 10(BB) | Technology | 83,462 | 1,679,311 | 1,104,107 | 689,280 | 1,155,090 | 2,948,476 |
| 1001 | Agricultural Biotechnology | 0 | 0 | 0 | 0 | 0 | 0 |
| 1002 | Environmental Biotechnology | 173,335 | 1,042,985 | 605,399 | 370,080 | 464,786 | 1,440,265 |
| 1003 | Industrial Biotechnology | 727,870 | 1,377,052 | 498,707 | 319,200 | 637,833 | 1,455,741 |
| 1004 | Medical Biotechnology | 26,235 | 39,051 | 0 | 0 | 52,471 | 52,471 |
| 10(MIC) | Technology | 64,949 | 491,271 | 798,009 | 341,363 | 96,160 | 1,235,532 |
| 1005 | Communications Technologies | 52,871 | 491,271 | 764,018 | 277,589 | 36,521 | 1,078,129 |
| 1006 | Computer Hardware | 11,918 | 11,918 | 2,452 | 5,206 | 4,260 | 11,918 |
| 1007 | Nanotechnology | 138,467 | 138,467 | 24,520 | 58,568 | 55,379 | 138,467 |
| 1099 | Other Technology | 7,019 | 7,019 | 7,019 | 0 | 0 | 7,019 |
| 11(BCH) | Medical and Health Sciences | 596,470 | 12,373,938 | 7,799,608 | 10,947,021 | 9,813,317 | 28,559,947 |
| 1101 | Medical Biochemistry and Metabolomics | 49,973 | 49,973 | 14,712 | 18,221 | 17,040 | 49,973 |
| 1102 | Cardiovascular Medicine and Haematology | 998,049 | 2,152,757 | 1,546,644 | 2,161,033 | 2,366,118 | 6,073,795 |
| 1103 | Clinical Sciences | 620,524 | 2,002,454 | 1,154,334 | 2,122,378 | 1,356,674 | 4,633,387 |
| 1105 | Dentistry | 6,978,257 | 6,978,257 | 1,908,874 | 2,682,406 | 2,386,977 | 6,978,257 |
| 1107 | Immunology | 882,290 | 3,471,758 | 1,971,783 | 2,869,155 | 2,314,857 | 7,155,795 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 4: CRC RESEARCH INCOME (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|------------------|------------------|------------------|-------------------|
| 1108 | Medical Microbiology | 290,626 | 502,814 | 294,775 | 248,513 | 302,047 | 845,335 |
| 1109 | Neurosciences | 885,979 | 885,979 | 907,725 | 292,839 | 285,415 | 885,979 |
| 1112 | Oncology and Carcinogenesis | 166,095 | 320,403 | 347,402 | 106,724 | 131,064 | 332,189 |
| 1113 | Ophthalmology and Optometry | 88,859 | 144,472 | 90,867 | 44,251 | 42,599 | 177,717 |
| 1114 | Paediatrics and Reproductive Medicine | 62,214 | 200,887 | 91,453 | 92,061 | 80,377 | 263,891 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 297,949 | 355,959 | 299,521 | 279,506 | 496,955 | 1,075,982 |
| 1116 | Medical Physiology | 43,824 | 81,434 | 24,520 | 29,935 | 33,193 | 87,648 |
| 11(PAH) | Medical and Health Sciences | 335,364 | 1,868,031 | 1,952,034 | 2,478,924 | 2,938,149 | 7,369,107 |
| 1104 | Complementary and Alternative Medicine | 0 | 0 | 0 | 0 | 0 | 0 |
| 1106 | Human Movement and Sports Science | 9,057 | 42,002 | 25,386 | 14,317 | 25,904 | 65,606 |
| 1110 | Nursing | 6,824 | 24,606 | 0 | 16,979 | 17,344 | 34,323 |
| 1111 | Nutrition and Dietetics | 59,018 | 306,015 | 155,395 | 189,759 | 38,643 | 383,796 |
| 1117 | Public Health and Health Services | 396,809 | 1,767,011 | 1,768,094 | 2,257,870 | 2,856,259 | 6,882,223 |
| 1199 | Other Medical and Health Sciences | 3,159 | 3,159 | 0 | 0 | 0 | 3,159 |
| 12(EE) | Built Environment and Design | 312,047 | 1,010,581 | 1,061,160 | 706,685 | 758,115 | 2,525,960 |
| 1202 | Building | 312,047 | 1,010,581 | 1,054,972 | 706,685 | 758,115 | 2,519,772 |
| 1204 | Engineering Design | 6,188 | 6,188 | 6,188 | 0 | 0 | 6,188 |
| 12(HCA) | Built Environment and Design | 124,144 | 844,146 | 687,112 | 783,025 | 625,462 | 2,095,599 |
| 1201 | Architecture | 101,160 | 273,322 | 97,481 | 185,693 | 287,560 | 570,733 |
| 1203 | Design Practice and Management | 260,669 | 844,146 | 542,382 | 524,030 | 310,710 | 1,377,122 |
| 1205 | Urban and Regional Planning | 13,058 | 84,824 | 47,249 | 73,302 | 27,192 | 147,743 |
| 1299 | Other Built Environment and Design | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | Education | 71,369 | 372,376 | 252,319 | 212,092 | 674,677 | 1,139,088 |
| 1301 | Education Systems | 42,742 | 372,376 | 98,537 | 1,302 | 374,004 | 473,842 |
| 1302 | Curriculum and Pedagogy | 17,232 | 59,111 | 10,292 | 10,297 | 66,046 | 86,635 |
| 1303 | Specialist Studies in Education | 59,659 | 125,888 | 90,281 | 70,381 | 200,799 | 361,461 |
| 1399 | Other Education | 217,150 | 217,150 | 53,209 | 130,113 | 33,828 | 217,150 |
| 14 | Economics | 126,195 | 447,732 | 808,289 | 1,107,657 | 705,938 | 2,621,884 |
| 1401 | Economic Theory | 20,434 | 31,279 | 40,868 | 0 | 0 | 40,868 |
| 1402 | Applied Economics | 126,195 | 447,732 | 753,772 | 1,100,442 | 705,938 | 2,560,152 |
| 1403 | Econometrics | 13,649 | 13,649 | 13,649 | 0 | 0 | 13,649 |
| 1499 | Other Economics | 7,215 | 7,215 | 0 | 7,215 | 0 | 7,215 |
| 15 | Commerce, Management, Tourism and Services | 813,942 | 3,209,895 | 7,101,319 | 7,095,966 | 6,967,141 | 21,164,426 |
| 1501 | Accounting, Auditing and Accountability | 136,933 | 401,792 | 256,732 | 680,148 | 479,753 | 1,416,632 |
| 1502 | Banking, Finance and Investment | 686,581 | 771,980 | 487,307 | 235,567 | 739,467 | 1,462,340 |
| 1503 | Business and Management | 73,456 | 1,597,532 | 633,931 | 864,780 | 1,077,169 | 2,575,881 |
| 1504 | Commercial Services | 60,817 | 89,648 | 25,142 | 36,233 | 60,260 | 121,635 |
| 1505 | Marketing | 15,250 | 977,596 | 535,743 | 760,475 | 608,373 | 1,904,591 |
| 1506 | Tourism | 652,806 | 3,209,895 | 5,129,783 | 4,518,764 | 4,002,120 | 13,650,667 |
| 1507 | Transportation and Freight Services | 16,340 | 28,011 | 32,681 | 0 | 0 | 32,681 |
| 1599 | Other Commerce, Management, Tourism and Services | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | Studies in Human Society | 191,489 | 1,002,476 | 1,409,025 | 1,826,010 | 1,400,236 | 4,636,010 |
| 1601 | Anthropology | 52,093 | 214,101 | 55,221 | 132,056 | 82,016 | 269,292 |
| 1602 | Criminology | 136,119 | 271,011 | 76,012 | 104,121 | 92,107 | 272,239 |
| 1603 | Demography | 18,307 | 18,307 | 2,452 | 13,015 | 2,840 | 18,307 |
| 1604 | Human Geography | 70,961 | 486,231 | 332,676 | 698,587 | 231,001 | 1,262,265 |
| 1605 | Policy and Administration | 34,982 | 516,245 | 423,148 | 391,884 | 451,828 | 1,266,860 |
| 1606 | Political Science | 12,537 | 136,878 | 34,802 | 86,533 | 44,163 | 165,498 |
| 1607 | Social Work | 5,249 | 154,904 | 61,822 | 37,766 | 62,483 | 162,071 |

* Median and Max. Income is based on total research income over the three year period.

HERDC CATEGORY 4: CRC RESEARCH INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| 1608 | Sociology | 97,687 | 274,404 | 418,212 | 337,823 | 412,645 | 1,168,681 |
| 1699 | Other Studies in Human Society | 25,399 | 29,645 | 4,679 | 24,965 | 21,153 | 50,797 |
| 17 | Psychology and Cognitive Sciences | 33,525 | 957,819 | 551,989 | 939,927 | 1,062,050 | 2,553,966 |
| 1701 | Psychology | 28,387 | 641,209 | 502,938 | 758,885 | 760,736 | 2,022,559 |
| 1702 | Cognitive Sciences | 25,022 | 478,909 | 49,051 | 181,042 | 301,314 | 531,406 |
| 1799 | Other Psychology and Cognitive Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | Law and Legal Studies | 124,830 | 141,207 | 110,163 | 136,062 | 188,348 | 434,573 |
| 1801 | Law | 124,830 | 141,058 | 108,937 | 136,062 | 185,508 | 430,507 |
| 1802 | Maori Law | 4,066 | 4,066 | 1,226 | 0 | 2,840 | 4,066 |
| 1899 | Other Law and Legal Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | Studies in Creative Arts and Writing | 406,879 | 977,596 | 651,288 | 847,299 | 330,089 | 1,828,675 |
| 1901 | Art Theory and Criticism | 0 | 0 | 0 | 0 | 0 | 0 |
| 1902 | Film, Television and Digital Media | 571,836 | 977,596 | 574,824 | 823,357 | 279,027 | 1,677,208 |
| 1903 | Journalism and Professional Writing | 0 | 0 | 0 | 0 | 0 | 0 |
| 1904 | Performing Arts and Creative Writing | 74,306 | 111,290 | 73,608 | 23,942 | 51,062 | 148,611 |
| 1905 | Visual Arts and Crafts | 2,856 | 2,856 | 2,856 | 0 | 0 | 2,856 |
| 1999 | Other Studies in Creative Arts and Writing | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | Language, Communication and Culture | 53,446 | 1,303,081 | 632,220 | 977,665 | 382,881 | 1,992,766 |
| 2001 | Communication and Media Studies | 162,291 | 1,303,081 | 499,353 | 805,343 | 324,194 | 1,628,889 |
| 2002 | Cultural Studies | 33,663 | 142,760 | 50,291 | 163,212 | 49,668 | 263,171 |
| 2003 | Language Studies | 6,432 | 6,432 | 1,226 | 5,206 | 0 | 6,432 |
| 2004 | Linguistics | 45,185 | 81,351 | 81,351 | 0 | 9,019 | 90,370 |
| 2005 | Literary Studies | 3,905 | 3,905 | 0 | 3,905 | 0 | 3,905 |
| 2099 | Other Language, Communication and Culture | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | History and Archaeology | 67,337 | 86,252 | 75,393 | 35,141 | 24,140 | 134,674 |
| 2101 | Archaeology | 31,504 | 31,504 | 11,034 | 9,111 | 11,360 | 31,504 |
| 2102 | Curatorial and Related Studies | 14,100 | 14,100 | 7,356 | 3,905 | 2,840 | 14,100 |
| 2103 | Historical Studies | 44,534 | 48,421 | 57,003 | 22,126 | 9,940 | 89,069 |
| 2199 | Other History and Archaeology | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | Philosophy and Religious Studies | 33,345 | 52,093 | 12,311 | 38,178 | 42,355 | 92,843 |
| 2201 | Applied Ethics | 32,775 | 52,093 | 8,633 | 29,067 | 27,850 | 65,550 |
| 2202 | History and Philosophy of Specific Fields | 14,521 | 14,521 | 2,452 | 7,809 | 4,260 | 14,521 |
| 2203 | Philosophy | 6,386 | 7,405 | 1,226 | 1,302 | 10,245 | 12,773 |
| 2204 | Religion and Religious Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 2299 | Other Philosophy and Religious Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | 130,978,267 | 126,264,416 | 124,132,657 | 381,375,340 |

* Median and Max. Income is based on total research income over the three year period.

STAFFING PROFILE

| FoR Code | FoR Name | FTE | | | | | Head Count | | | | | Total | | | |
|-----------|---|---------|---------|---------|---------|---------|------------|-------|---------|---------|---------|-------|---------|---------|-------|
| | | Level E | Level D | Level C | Level B | Level A | Other | Total | Level E | Level D | Level C | | Level B | Level A | Other |
| 01 | Mathematical Sciences | 126 | 128 | 196 | 252 | 155 | 23 | 880 | 141 | 138 | 205 | 267 | 174 | 220 | 1,145 |
| 0101 | Pure Mathematics | 33 | 42 | 49 | 54 | 32 | 4 | 214 | 40 | 45 | 51 | 56 | 34 | 65 | 292 |
| 0102 | Applied Mathematics | 35 | 37 | 57 | 67 | 47 | 8 | 250 | 38 | 39 | 59 | 71 | 53 | 61 | 321 |
| 0103 | Numerical and Computational Mathematics | 9 | 9 | 18 | 27 | 9 | 1 | 73 | 10 | 10 | 18 | 28 | 10 | 23 | 98 |
| 0104 | Statistics | 38 | 30 | 52 | 69 | 28 | 8 | 224 | 42 | 33 | 54 | 75 | 33 | 53 | 289 |
| 0105 | Mathematical Physics | 10 | 8 | 12 | 17 | 12 | 0 | 60 | 10 | 8 | 13 | 18 | 14 | 11 | 75 |
| 0199 | Other Mathematical Sciences | 0 | 2 | 9 | 19 | 27 | 1 | 59 | 0 | 2 | 10 | 20 | 30 | 7 | 70 |
| 02 | Physical Sciences | 127 | 98 | 167 | 285 | 198 | 89 | 965 | 143 | 109 | 174 | 309 | 216 | 387 | 1,337 |
| 0201 | Astronomical and Space Sciences | 37 | 21 | 26 | 61 | 30 | 29 | 204 | 40 | 23 | 26 | 72 | 34 | 103 | 299 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 20 | 15 | 35 | 34 | 29 | 19 | 152 | 23 | 17 | 35 | 31 | 31 | 57 | 197 |
| 0203 | Classical Physics | 3 | 4 | 6 | 11 | 6 | 2 | 33 | 4 | 6 | 7 | 12 | 7 | 25 | 61 |
| 0204 | Condensed Matter Physics | 29 | 18 | 34 | 53 | 47 | 14 | 196 | 29 | 21 | 36 | 57 | 52 | 62 | 257 |
| 0205 | Optical Physics | 22 | 22 | 29 | 23 | 45 | 9 | 189 | 24 | 23 | 31 | 64 | 46 | 48 | 237 |
| 0206 | Quantum Physics | 8 | 7 | 11 | 22 | 11 | 3 | 62 | 9 | 7 | 11 | 22 | 11 | 11 | 72 |
| 0299 | Other Physical Sciences | 9 | 11 | 27 | 41 | 30 | 13 | 130 | 13 | 11 | 28 | 48 | 35 | 80 | 214 |
| 03 | Chemical Sciences | 138 | 113 | 172 | 271 | 340 | 121 | 1,154 | 157 | 123 | 180 | 285 | 359 | 428 | 1,532 |
| 0301 | Analytical Chemistry | 16 | 14 | 32 | 42 | 28 | 24 | 157 | 17 | 16 | 33 | 43 | 31 | 73 | 213 |
| 0302 | Inorganic Chemistry | 21 | 15 | 16 | 20 | 31 | 11 | 115 | 25 | 16 | 17 | 20 | 36 | 67 | 181 |
| 0303 | Macromolecular and Materials Chemistry | 17 | 10 | 19 | 35 | 49 | 23 | 153 | 22 | 12 | 20 | 35 | 50 | 47 | 186 |
| 0304 | Medicinal and Biomolecular Chemistry | 17 | 17 | 21 | 38 | 50 | 11 | 153 | 17 | 17 | 23 | 41 | 52 | 41 | 192 |
| 0305 | Organic Chemistry | 14 | 18 | 27 | 32 | 68 | 22 | 181 | 18 | 18 | 28 | 35 | 71 | 60 | 230 |
| 0306 | Physical Chemistry (Incl. Structural) | 38 | 30 | 37 | 71 | 68 | 17 | 261 | 42 | 35 | 38 | 74 | 71 | 95 | 354 |
| 0307 | Theoretical and Computational Chemistry | 8 | 4 | 3 | 14 | 17 | 8 | 54 | 9 | 4 | 3 | 14 | 17 | 18 | 65 |
| 0399 | Other Chemical Sciences | 6 | 5 | 17 | 20 | 28 | 6 | 82 | 7 | 5 | 19 | 24 | 31 | 25 | 111 |
| 04 | Earth Sciences | 118 | 97 | 123 | 197 | 131 | 53 | 718 | 136 | 110 | 138 | 216 | 139 | 371 | 1,110 |
| 0401 | Atmospheric Sciences | 14 | 7 | 10 | 12 | 13 | 3 | 58 | 17 | 7 | 10 | 14 | 13 | 24 | 84 |
| 0402 | Geochemistry | 17 | 16 | 13 | 23 | 22 | 14 | 106 | 20 | 17 | 15 | 25 | 22 | 50 | 147 |
| 0403 | Geology | 42 | 37 | 36 | 61 | 32 | 13 | 222 | 49 | 43 | 42 | 67 | 36 | 125 | 363 |
| 0404 | Geophysics | 14 | 8 | 18 | 19 | 16 | 4 | 78 | 16 | 10 | 19 | 20 | 16 | 37 | 117 |
| 0405 | Oceanography | 10 | 8 | 10 | 22 | 17 | 5 | 71 | 10 | 9 | 12 | 25 | 18 | 34 | 108 |
| 0406 | Physical Geography and Environmental Geoscience | 20 | 20 | 32 | 39 | 25 | 11 | 147 | 21 | 22 | 34 | 43 | 28 | 80 | 228 |
| 0499 | Other Earth Sciences | 1 | 3 | 4 | 20 | 6 | 2 | 36 | 3 | 3 | 6 | 23 | 7 | 21 | 63 |
| 05 | Environmental Sciences | 79 | 88 | 130 | 177 | 129 | 62 | 665 | 95 | 96 | 145 | 199 | 148 | 229 | 913 |
| 0501 | Ecological Applications | 12 | 15 | 24 | 37 | 29 | 10 | 126 | 13 | 15 | 25 | 40 | 30 | 32 | 155 |
| 0502 | Environmental Science and Management | 53 | 62 | 86 | 109 | 76 | 37 | 424 | 64 | 68 | 97 | 125 | 88 | 150 | 592 |
| 0503 | Soil Sciences | 13 | 8 | 14 | 17 | 17 | 9 | 78 | 14 | 10 | 16 | 19 | 20 | 31 | 110 |
| 0599 | Other Environmental Sciences | 2 | 3 | 6 | 14 | 7 | 6 | 37 | 4 | 3 | 7 | 16 | 9 | 17 | 56 |
| 06 | Biological Sciences | 318 | 281 | 474 | 754 | 1,044 | 441 | 3,313 | 365 | 315 | 520 | 834 | 1,120 | 1,371 | 4,526 |
| 0601 | Biochemistry and Cell Biology | 93 | 82 | 143 | 244 | 362 | 181 | 1,106 | 101 | 94 | 157 | 270 | 380 | 405 | 1,407 |
| 0602 | Ecology | 50 | 44 | 71 | 111 | 96 | 47 | 419 | 55 | 48 | 79 | 127 | 103 | 220 | 632 |
| 0603 | Evolutionary Biology | 19 | 9 | 18 | 28 | 36 | 10 | 120 | 20 | 11 | 19 | 30 | 40 | 68 | 187 |
| 0604 | Genetics | 42 | 32 | 44 | 81 | 115 | 65 | 379 | 50 | 36 | 50 | 86 | 122 | 170 | 515 |
| 0605 | Microbiology | 36 | 37 | 57 | 88 | 103 | 31 | 352 | 44 | 41 | 64 | 95 | 108 | 151 | 504 |
| 0606 | Physiology | 10 | 13 | 20 | 39 | 30 | 11 | 123 | 13 | 14 | 20 | 42 | 32 | 49 | 171 |
| 0607 | Plant Biology | 38 | 36 | 51 | 79 | 122 | 48 | 375 | 44 | 39 | 56 | 85 | 130 | 132 | 485 |
| 0608 | Zoology | 25 | 23 | 50 | 50 | 77 | 40 | 264 | 32 | 25 | 54 | 60 | 84 | 146 | 400 |
| 0699 | Other Biological Sciences | 5 | 5 | 19 | 34 | 105 | 7 | 176 | 7 | 7 | 22 | 39 | 120 | 32 | 227 |
| 07 | Agricultural and Veterinary Sciences | 120 | 122 | 200 | 272 | 176 | 133 | 1,021 | 138 | 132 | 222 | 301 | 190 | 442 | 1,425 |
| 0701 | Agriculture, Land and Farm Management | 10 | 8 | 15 | 27 | 10 | 13 | 83 | 11 | 9 | 16 | 31 | 11 | 39 | 117 |
| 0702 | Animal Production | 20 | 16 | 34 | 42 | 15 | 18 | 145 | 21 | 17 | 40 | 44 | 17 | 61 | 200 |
| 0703 | Crop and Pasture Production | 30 | 22 | 34 | 67 | 36 | 27 | 217 | 34 | 26 | 37 | 75 | 39 | 94 | 305 |
| 0704 | Fisheries Sciences | 9 | 15 | 19 | 26 | 15 | 17 | 101 | 14 | 15 | 22 | 30 | 16 | 67 | 165 |

STAFFING PROFILE (CONT.)

| FoR Code | FoR Name | Level E | | | | | Level D | | | | | Level C | | | | | Level B | | | | | Level A | | | | | Level A | | | | | Total | | | | | |
|----------------|---|------------|------------|------------|--------------|------------|------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|-----|-----|
| | | Level E | Level D | Level C | Level B | Level A | Level E | Level D | Level C | Level B | Level A | Level E | Level D | Level C | Level B | Level A | Level E | Level D | Level C | Level B | Level A | Level E | Level D | Level C | Level B | Level A | Other | | | | | | | | | | |
| 0705 | Forestry Sciences | 8 | 12 | 18 | 25 | 19 | 7 | 13 | 19 | 27 | 19 | 10 | 13 | 19 | 27 | 19 | 33 | 40 | 46 | 52 | 33 | 33 | 40 | 46 | 52 | 33 | 19 | 27 | 19 | 27 | 19 | 33 | 40 | 46 | 52 | 33 | 121 |
| 0706 | Horticultural Production | 9 | 13 | 14 | 18 | 12 | 15 | 15 | 15 | 19 | 14 | 10 | 13 | 15 | 19 | 14 | 15 | 19 | 19 | 22 | 15 | 15 | 19 | 19 | 22 | 15 | 14 | 19 | 14 | 14 | 14 | 51 | 51 | 51 | 51 | 51 | 122 |
| 0707 | Veterinary Sciences | 30 | 33 | 55 | 52 | 50 | 30 | 33 | 55 | 52 | 50 | 32 | 35 | 60 | 58 | 53 | 58 | 60 | 60 | 60 | 58 | 58 | 60 | 60 | 60 | 58 | 53 | 58 | 53 | 53 | 53 | 81 | 81 | 81 | 81 | 81 | 320 |
| 0799 | Other Agricultural and Veterinary Sciences | 3 | 3 | 11 | 15 | 19 | 4 | 4 | 11 | 15 | 19 | 4 | 4 | 12 | 17 | 16 | 16 | 17 | 17 | 17 | 16 | 16 | 17 | 17 | 17 | 16 | 22 | 22 | 22 | 22 | 22 | 16 | 16 | 16 | 16 | 16 | 75 |
| 08 | Information and Computing Sciences | 175 | 206 | 450 | 588 | 204 | 169 | 221 | 482 | 624 | 233 | 198 | 221 | 482 | 624 | 233 | 718 | 812 | 812 | 812 | 718 | 718 | 812 | 812 | 812 | 718 | 233 | 233 | 233 | 233 | 233 | 2,477 | | | | | |
| 0801 | Artificial Intelligence and Image Processing | 53 | 59 | 125 | 156 | 64 | 30 | 30 | 487 | 166 | 71 | 57 | 65 | 134 | 166 | 71 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 71 | 71 | 71 | 71 | 71 | 215 | 215 | 215 | 215 | 215 | 708 |
| 0802 | Computation Theory and Mathematics | 11 | 18 | 19 | 18 | 8 | 2 | 2 | 76 | 23 | 11 | 14 | 18 | 23 | 21 | 9 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 9 | 9 | 9 | 9 | 9 | 33 | 33 | 33 | 33 | 33 | 272 |
| 0803 | Computer Software | 16 | 25 | 46 | 65 | 27 | 17 | 17 | 195 | 69 | 31 | 21 | 26 | 51 | 69 | 31 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 31 | 31 | 31 | 31 | 31 | 73 | 73 | 73 | 73 | 73 | 272 |
| 0804 | Data Format | 10 | 8 | 20 | 24 | 11 | 4 | 4 | 76 | 24 | 11 | 12 | 9 | 21 | 25 | 13 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 13 | 13 | 13 | 13 | 13 | 34 | 34 | 34 | 34 | 34 | 113 |
| 0805 | Distributed Computing | 12 | 11 | 29 | 36 | 21 | 11 | 11 | 120 | 38 | 22 | 13 | 11 | 30 | 38 | 22 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 22 | 22 | 22 | 22 | 22 | 32 | 32 | 32 | 32 | 32 | 147 |
| 0806 | Information Systems | 56 | 61 | 144 | 208 | 34 | 27 | 530 | 64 | 151 | 218 | 40 | 65 | 151 | 218 | 40 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 40 | 40 | 40 | 40 | 40 | 164 | 164 | 164 | 164 | 164 | 701 |
| 0807 | Library and Information Studies | 7 | 13 | 25 | 37 | 7 | 56 | 148 | 10 | 14 | 27 | 39 | 7 | 39 | 8 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 8 | 8 | 8 | 8 | 8 | 99 | 99 | 99 | 99 | 99 | 198 | |
| 0899 | Other Information and Computing Sciences | 9 | 11 | 43 | 43 | 32 | 22 | 159 | 7 | 13 | 44 | 39 | 7 | 44 | 39 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 39 | 39 | 39 | 39 | 39 | 68 | 68 | 68 | 68 | 68 | 219 | |
| 09 | Engineering | 383 | 335 | 686 | 727 | 508 | 219 | 2,857 | 452 | 769 | 542 | 452 | 374 | 725 | 769 | 542 | 951 | 542 | 542 | 542 | 542 | 542 | 3,812 | | | | | |
| 0901 | Aerospace Engineering | 7 | 8 | 16 | 13 | 7 | 2 | 53 | 8 | 7 | 14 | 7 | 8 | 14 | 7 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 7 | 7 | 7 | 7 | 7 | 18 | 18 | 18 | 18 | 18 | 71 | |
| 0902 | Automotive Engineering | 2 | 3 | 8 | 12 | 5 | 3 | 34 | 3 | 8 | 15 | 5 | 3 | 8 | 15 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 5 | 5 | 5 | 5 | 5 | 20 | 20 | 20 | 20 | 20 | 55 | |
| 0903 | Biomedical Engineering | 20 | 17 | 39 | 37 | 40 | 14 | 168 | 24 | 46 | 40 | 42 | 21 | 46 | 40 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 42 | 42 | 42 | 42 | 42 | 51 | 51 | 51 | 51 | 51 | 225 | |
| 0904 | Chemical Engineering | 40 | 32 | 59 | 66 | 83 | 22 | 304 | 50 | 37 | 64 | 70 | 55 | 99 | 70 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 94 | 94 | 94 | 94 | 94 | 400 | |
| 0905 | Civil Engineering | 64 | 51 | 93 | 90 | 42 | 19 | 359 | 74 | 55 | 99 | 95 | 44 | 112 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 480 | 44 | 44 | 44 | 44 | 44 | 112 | 112 | 112 | 112 | 112 | 480 | |
| 0906 | Electrical and Electronic Engineering | 71 | 56 | 134 | 122 | 55 | 37 | 476 | 77 | 63 | 139 | 128 | 58 | 155 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 58 | 58 | 58 | 58 | 58 | 155 | 155 | 155 | 155 | 155 | 620 | |
| 0907 | Environmental Engineering | 10 | 14 | 21 | 28 | 23 | 7 | 103 | 12 | 15 | 24 | 30 | 25 | 33 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 25 | 25 | 25 | 25 | 25 | 33 | 33 | 33 | 33 | 33 | 139 | |
| 0908 | Food Sciences | 6 | 5 | 17 | 16 | 17 | 8 | 70 | 7 | 8 | 20 | 17 | 18 | 23 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 18 | 18 | 18 | 18 | 18 | 23 | 23 | 23 | 23 | 23 | 91 | |
| 0909 | Geomatic Engineering | 11 | 10 | 22 | 29 | 14 | 5 | 92 | 13 | 13 | 24 | 32 | 16 | 23 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 16 | 16 | 16 | 16 | 16 | 23 | 23 | 23 | 23 | 23 | 120 | |
| 0910 | Manufacturing Engineering | 9 | 7 | 17 | 24 | 10 | 6 | 74 | 12 | 7 | 18 | 25 | 11 | 20 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 11 | 11 | 11 | 11 | 11 | 20 | 20 | 20 | 20 | 20 | 93 | |
| 0911 | Maritime Engineering | 4 | 4 | 11 | 8 | 12 | 3 | 32 | 3 | 4 | 12 | 11 | 4 | 13 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 4 | 4 | 4 | 4 | 4 | 13 | 13 | 13 | 13 | 13 | 46 | |
| 0912 | Materials Engineering | 47 | 35 | 62 | 89 | 75 | 29 | 337 | 52 | 37 | 65 | 92 | 78 | 103 | 427 | 427 | 427 | 427 | 427 | 427 | 427 | 427 | 427 | 427 | 427 | 78 | 78 | 78 | 78 | 78 | 103 | 103 | 103 | 103 | 103 | 427 | |
| 0913 | Mechanical Engineering | 36 | 38 | 82 | 84 | 41 | 23 | 303 | 49 | 43 | 83 | 86 | 45 | 131 | 438 | 438 | 438 | 438 | 438 | 438 | 438 | 438 | 438 | 438 | 438 | 45 | 45 | 45 | 45 | 45 | 131 | 131 | 131 | 131 | 131 | 438 | |
| 0914 | Resources Engineering and Extractive Metallurgy | 37 | 33 | 56 | 51 | 40 | 22 | 239 | 44 | 36 | 59 | 54 | 42 | 77 | 312 | 312 | 312 | 312 | 312 | 312 | 312 | 312 | 312 | 312 | 312 | 42 | 42 | 42 | 42 | 42 | 77 | 77 | 77 | 77 | 77 | 312 | |
| 0915 | Interdisciplinary Engineering | 16 | 13 | 24 | 18 | 10 | 7 | 88 | 18 | 14 | 24 | 20 | 13 | 32 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 20 | 20 | 20 | 20 | 20 | 32 | 32 | 32 | 32 | 32 | 121 | |
| 0999 | Other Engineering | 4 | 7 | 23 | 39 | 42 | 12 | 127 | 6 | 9 | 25 | 42 | 47 | 46 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 47 | 47 | 47 | 47 | 47 | 46 | 46 | 46 | 46 | 46 | 175 | |
| 10(BB) | Technology | 17 | 12 | 27 | 56 | 52 | 18 | 182 | 19 | 12 | 30 | 57 | 50 | 225 | 57 | 57 | 57 | 57 | 57 | 50 | 50 | 50 | 50 | 50 | 225 | | |
| 1001 | Agricultural Biotechnology | 4 | 2 | 9 | 17 | 12 | 9 | 53 | 5 | 3 | 10 | 17 | 12 | 24 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 12 | 12 | 12 | 12 | 12 | 24 | 24 | 24 | 24 | 24 | 71 | |
| 1002 | Environmental Biotechnology | 3 | 1 | 3 | 7 | 8 | 4 | 26 | 3 | 1 | 3 | 7 | 9 | 5 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 9 | 9 | 9 | 9 | 9 | 5 | 5 | 5 | 5 | 5 | 29 | |
| 1003 | Industrial Biotechnology | 2 | 3 | 2 | 5 | 3 | 2 | 17 | 3 | 3 | 3 | 5 | 3 | 3 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 20 | |
| 1004 | Medical Biotechnology | 7 | 5 | 13 | 27 | 30 | 28 | 85 | 8 | 5 | 14 | 28 | 34 | 18 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 34 | 34 | 34 | 34 | 34 | 18 | 18 | 18 | 18 | 18 | 106 | |
| 10(MIC) | Technology | 32 | 35 | 78 | 95 | 49 | 26 | 316 | 33 | 37 | 83 | 100 | 55 | 428 | 55 | 55 | 55 | 55 | 55 | 119 | 119 | 119 | 119 | 119 | 428 | | |
| 1005 | Communications Technologies | 21 | 20 | 45 | 51 | 21 | 13 | 171 | 21 | 22 | 46 | 53 | 24 | 74 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 240 | 3 | 3 | 3 | 3 | 3 | 17 | 17 | 17 | 17 | 17 | 45 | |
| 1006 | Computer Hardware | 2 | 5 | 6 | 8 | 3 | 3 | 28 | 2 | 6 | 8 | 9 | 3 | 17 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 6 | 6 | 6 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 45 | |
| 1007 | Nanotechnology | 8 | 6 | 12 | 25 | 14 | 8 | 72 | 9 | 6 | 15 | 26 | 15 | 22 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 15 | 15 | 15 | 15 | 15 | 22 | 22 | 22 | 22 | 22 | 92 | |
| 1099 | Other Technology | 1 | 4 | 15 | 11 | 11 | 2 | 45 | 1 | 4 | 15 | 12 | 13 | 6 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 13 | 13 | 13 | 13 | 13 | 6 | 6 | 6 | 6 | 6 | 51 | |
| 11(BCH) | Medical and Health Sciences | 657 | 537 | 799 | 1,088 | 918 | 582 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STAFFING PROFILE (CONT.)

| FoR Code | FoR Name | FTE | | | | | Head Count | | | | | Total | | | |
|----------------|---|------------|------------|------------|--------------|------------|------------|--------------|------------|------------|--------------|--------------|------------|--------------|--------------|
| | | Level E | Level D | Level C | Level B | Level A | Other | Total | Level E | Level D | Level C | | Level B | Level A | Other |
| 1116 | Medical Physiology | 24 | 27 | 32 | 42 | 44 | 13 | 181 | 29 | 31 | 35 | 47 | 48 | 104 | 293 |
| 11(PAH) | Medical and Health Sciences | 387 | 396 | 850 | 1,354 | 681 | 317 | 3,985 | 480 | 490 | 1,093 | 1,677 | 877 | 1,303 | 5,920 |
| 1104 | Complementary and Alternative Medicine | 5 | 12 | 18 | 36 | 14 | 3 | 88 | 5 | 13 | 22 | 44 | 18 | 25 | 128 |
| 1106 | Human Movement and Sports Science | 30 | 46 | 82 | 119 | 57 | 14 | 349 | 37 | 54 | 92 | 131 | 66 | 84 | 464 |
| 1110 | Nursing | 85 | 56 | 175 | 381 | 56 | 21 | 774 | 99 | 64 | 192 | 429 | 75 | 173 | 1,031 |
| 1111 | Nutrition and Dietetics | 14 | 18 | 31 | 46 | 21 | 10 | 141 | 18 | 21 | 35 | 63 | 26 | 68 | 232 |
| 1117 | Public Health and Health Services | 230 | 224 | 447 | 546 | 211 | 236 | 1,893 | 293 | 286 | 608 | 708 | 282 | 839 | 3,015 |
| 1199 | Other Medical and Health Sciences | 23 | 40 | 97 | 227 | 322 | 32 | 741 | 29 | 52 | 144 | 303 | 410 | 114 | 1,052 |
| 12(EE) | Built Environment and Design | 18 | 17 | 45 | 53 | 9 | 3 | 145 | 20 | 17 | 49 | 56 | 10 | 35 | 187 |
| 1202 | Building | 17 | 16 | 43 | 50 | 6 | 3 | 135 | 19 | 16 | 45 | 53 | 8 | 33 | 174 |
| 1204 | Engineering Design | 1 | 1 | 3 | 3 | 3 | 0 | 10 | 1 | 1 | 3 | 3 | 3 | 2 | 13 |
| 12(HCA) | Built Environment and Design | 67 | 74 | 209 | 290 | 62 | 28 | 732 | 81 | 80 | 216 | 320 | 76 | 195 | 969 |
| 1201 | Architecture | 31 | 35 | 98 | 99 | 18 | 9 | 289 | 40 | 37 | 101 | 111 | 22 | 87 | 398 |
| 1203 | Design Practice and Management | 14 | 15 | 51 | 124 | 20 | 6 | 229 | 15 | 15 | 52 | 134 | 23 | 42 | 282 |
| 1205 | Urban and Regional Planning | 20 | 21 | 38 | 41 | 7 | 12 | 139 | 22 | 26 | 39 | 44 | 8 | 52 | 192 |
| 1299 | Other Built Environment and Design | 3 | 2 | 23 | 27 | 18 | 3 | 75 | 3 | 2 | 24 | 31 | 8 | 14 | 97 |
| 13 | Education | 214 | 310 | 774 | 1,486 | 244 | 158 | 2,886 | 236 | 327 | 831 | 1,302 | 305 | 574 | 3,574 |
| 1301 | Education Systems | 43 | 61 | 118 | 183 | 34 | 35 | 475 | 45 | 65 | 125 | 195 | 41 | 115 | 586 |
| 1302 | Curriculum and Pedagogy | 66 | 100 | 276 | 376 | 52 | 41 | 912 | 74 | 107 | 295 | 407 | 66 | 165 | 1,114 |
| 1303 | Specialist Studies in Education | 88 | 121 | 282 | 405 | 60 | 61 | 1,018 | 99 | 127 | 301 | 440 | 76 | 230 | 1,272 |
| 1399 | Other Education | 17 | 27 | 98 | 221 | 98 | 20 | 482 | 18 | 28 | 110 | 259 | 122 | 65 | 602 |
| 14 | Economics | 177 | 151 | 227 | 325 | 110 | 41 | 1,031 | 196 | 164 | 233 | 339 | 135 | 152 | 1,219 |
| 1401 | Economic Theory | 19 | 16 | 25 | 37 | 10 | 3 | 109 | 21 | 19 | 26 | 38 | 13 | 17 | 133 |
| 1402 | Applied Economics | 122 | 113 | 158 | 202 | 53 | 30 | 679 | 133 | 122 | 162 | 211 | 65 | 106 | 797 |
| 1403 | Econometrics | 21 | 14 | 19 | 29 | 5 | 3 | 92 | 24 | 14 | 21 | 30 | 5 | 13 | 106 |
| 1499 | Other Economics | 15 | 8 | 24 | 56 | 42 | 5 | 151 | 19 | 9 | 25 | 61 | 52 | 16 | 182 |
| 15 | Commerce, Management, Tourism and Services | 365 | 340 | 766 | 1,241 | 319 | 106 | 3,137 | 400 | 354 | 788 | 1,293 | 367 | 494 | 3,696 |
| 1501 | Accounting, Auditing and Accountability | 77 | 74 | 134 | 238 | 72 | 14 | 609 | 86 | 78 | 136 | 248 | 81 | 61 | 690 |
| 1502 | Banking, Finance and Investment | 46 | 44 | 89 | 127 | 23 | 7 | 336 | 50 | 45 | 91 | 129 | 25 | 33 | 373 |
| 1503 | Business and Management | 158 | 136 | 303 | 436 | 80 | 47 | 1,160 | 172 | 143 | 314 | 459 | 92 | 235 | 1,414 |
| 1504 | Commercial Services | 6 | 9 | 17 | 35 | 11 | 3 | 80 | 6 | 10 | 17 | 38 | 15 | 12 | 98 |
| 1505 | Marketing | 45 | 40 | 97 | 155 | 38 | 15 | 390 | 47 | 42 | 98 | 159 | 42 | 74 | 463 |
| 1506 | Tourism | 23 | 24 | 52 | 90 | 18 | 6 | 212 | 28 | 24 | 55 | 94 | 22 | 39 | 262 |
| 1507 | Transportation and Freight Services | 1 | 3 | 7 | 9 | 3 | 1 | 23 | 2 | 4 | 7 | 9 | 3 | 4 | 29 |
| 1599 | Other Commerce, Management, Tourism and Services | 9 | 9 | 68 | 151 | 77 | 13 | 327 | 10 | 9 | 71 | 157 | 86 | 36 | 369 |
| 16 | Studies in Human Society | 318 | 280 | 526 | 761 | 215 | 99 | 2,200 | 357 | 305 | 564 | 848 | 266 | 553 | 2,892 |
| 1601 | Anthropology | 25 | 24 | 36 | 54 | 19 | 2 | 160 | 28 | 29 | 39 | 58 | 23 | 37 | 215 |
| 1602 | Criminology | 26 | 15 | 27 | 51 | 6 | 7 | 132 | 27 | 15 | 29 | 53 | 8 | 30 | 161 |
| 1603 | Demography | 10 | 8 | 10 | 12 | 6 | 4 | 50 | 12 | 9 | 10 | 14 | 6 | 13 | 64 |
| 1604 | Human Geography | 22 | 23 | 31 | 59 | 10 | 8 | 154 | 25 | 23 | 33 | 66 | 12 | 50 | 208 |
| 1605 | Policy and Administration | 53 | 40 | 75 | 87 | 29 | 24 | 308 | 63 | 45 | 80 | 99 | 36 | 85 | 408 |
| 1606 | Political Science | 84 | 71 | 114 | 135 | 37 | 15 | 456 | 93 | 76 | 118 | 147 | 44 | 107 | 585 |
| 1607 | Social Work | 23 | 25 | 59 | 91 | 19 | 7 | 223 | 25 | 26 | 67 | 110 | 26 | 37 | 291 |
| 1608 | Sociology | 58 | 53 | 118 | 167 | 45 | 25 | 466 | 65 | 58 | 126 | 183 | 56 | 121 | 610 |
| 1699 | Other Studies in Human Society | 17 | 22 | 55 | 105 | 45 | 7 | 251 | 18 | 24 | 61 | 120 | 54 | 73 | 350 |
| 17 | Psychology and Cognitive Sciences | 160 | 167 | 311 | 409 | 191 | 99 | 1,336 | 184 | 184 | 344 | 474 | 253 | 503 | 1,943 |
| 1701 | Psychology | 135 | 139 | 255 | 313 | 120 | 81 | 1,043 | 153 | 154 | 279 | 357 | 159 | 410 | 1,512 |
| 1702 | Cognitive Sciences | 22 | 22 | 35 | 54 | 28 | 10 | 171 | 27 | 23 | 38 | 64 | 35 | 61 | 248 |
| 1799 | Other Psychology and Cognitive Sciences | 3 | 6 | 21 | 42 | 8 | 8 | 122 | 4 | 7 | 28 | 54 | 59 | 32 | 184 |
| 18 | Law and Legal Studies | 209 | 193 | 378 | 392 | 108 | 32 | 1,313 | 244 | 207 | 403 | 417 | 174 | 242 | 1,648 |
| 1801 | Law | 202 | 187 | 357 | 336 | 81 | 29 | 1,193 | 235 | 200 | 381 | 357 | 101 | 231 | 1,505 |
| 1802 | Maori Law | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

STAFFING PROFILE (CONT.)

| FoR Code | FoR Name | FTE | | | | | Head Count | | | | | Total | | | |
|-----------|---|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|------------|------------|------------|--------------|
| | | Level E | Level D | Level C | Level B | Level A | Other | Total | Level E | Level D | Level C | | Level B | Level A | Other |
| 1899 | Other Law and Legal Studies | 7 | 6 | 21 | 56 | 27 | 3 | 119 | 9 | 8 | 22 | 60 | 33 | 11 | 143 |
| 19 | Studies in Creative Arts and Writing | 106 | 129 | 417 | 651 | 180 | 72 | 1,556 | 116 | 135 | 443 | 757 | 223 | 411 | 2,084 |
| 1901 | Art Theory and Criticism | 9 | 12 | 31 | 35 | 11 | 10 | 109 | 13 | 13 | 32 | 38 | 13 | 40 | 146 |
| 1902 | Film, Television and Digital Media | 12 | 23 | 65 | 118 | 31 | 7 | 255 | 13 | 23 | 68 | 129 | 35 | 50 | 318 |
| 1903 | Journalism and Professional Writing | 14 | 8 | 21 | 53 | 11 | 1 | 107 | 15 | 9 | 23 | 59 | 13 | 11 | 130 |
| 1904 | Performing Arts and Creative Writing | 49 | 58 | 163 | 229 | 65 | 24 | 589 | 52 | 58 | 171 | 267 | 81 | 177 | 806 |
| 1905 | Visual Arts and Crafts | 18 | 25 | 116 | 141 | 39 | 27 | 366 | 20 | 27 | 125 | 170 | 54 | 124 | 520 |
| 1999 | Other Studies in Creative Arts and Writing | 5 | 3 | 21 | 76 | 23 | 3 | 131 | 6 | 4 | 25 | 93 | 28 | 9 | 164 |
| 20 | Language, Communication and Culture | 148 | 176 | 415 | 623 | 197 | 51 | 1,610 | 159 | 186 | 490 | 679 | 239 | 427 | 2,120 |
| 2001 | Communication and Media Studies | 23 | 27 | 69 | 111 | 25 | 9 | 264 | 24 | 29 | 71 | 121 | 29 | 40 | 315 |
| 2002 | Cultural Studies | 44 | 43 | 98 | 144 | 39 | 11 | 380 | 49 | 44 | 102 | 158 | 48 | 88 | 488 |
| 2003 | Language Studies | 11 | 10 | 48 | 90 | 44 | 3 | 206 | 11 | 11 | 50 | 96 | 54 | 38 | 260 |
| 2004 | Linguistics | 27 | 27 | 70 | 96 | 33 | 3 | 256 | 29 | 30 | 72 | 102 | 37 | 72 | 343 |
| 2005 | Literary Studies | 39 | 65 | 106 | 115 | 21 | 20 | 365 | 42 | 68 | 109 | 123 | 27 | 178 | 548 |
| 2099 | Other Language, Communication and Culture | 4 | 4 | 24 | 68 | 34 | 4 | 139 | 4 | 4 | 25 | 79 | 43 | 11 | 166 |
| 21 | History and Archaeology | 115 | 99 | 170 | 193 | 94 | 30 | 703 | 132 | 111 | 175 | 216 | 123 | 333 | 1,090 |
| 2101 | Archaeology | 19 | 15 | 27 | 27 | 23 | 6 | 118 | 19 | 18 | 28 | 29 | 27 | 69 | 191 |
| 2102 | Curatorial and Related Studies | 2 | 4 | 5 | 9 | 4 | 3 | 27 | 3 | 4 | 5 | 11 | 5 | 10 | 38 |
| 2103 | Historical Studies | 93 | 80 | 134 | 149 | 53 | 17 | 527 | 109 | 89 | 138 | 167 | 67 | 246 | 815 |
| 2199 | Other History and Archaeology | 0 | 1 | 3 | 9 | 14 | 5 | 31 | 1 | 1 | 3 | 10 | 24 | 8 | 46 |
| 22 | Philosophy and Religious Studies | 75 | 75 | 127 | 230 | 56 | 28 | 591 | 88 | 82 | 133 | 254 | 65 | 237 | 859 |
| 2201 | Applied Ethics | 12 | 12 | 28 | 30 | 9 | 5 | 95 | 15 | 14 | 30 | 32 | 10 | 31 | 132 |
| 2202 | History and Philosophy of Specific Fields | 16 | 16 | 20 | 28 | 13 | 2 | 94 | 19 | 18 | 21 | 30 | 14 | 31 | 133 |
| 2203 | Philosophy | 31 | 25 | 52 | 60 | 22 | 10 | 202 | 35 | 28 | 54 | 63 | 25 | 73 | 278 |
| 2204 | Religion and Religious Studies | 15 | 20 | 27 | 104 | 6 | 9 | 181 | 18 | 22 | 28 | 120 | 7 | 94 | 289 |
| 2299 | Other Philosophy and Religious Studies | 1 | 1 | 1 | 7 | 7 | 2 | 19 | 1 | 1 | 1 | 8 | 9 | 7 | 28 |

RESEARCH COMMERCIALISATION INCOME

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|-----------|---|---------------------|-------------------|------------------|------------------|------------------|-------------------|
| 01 | Mathematical Sciences | 22,368,469 | 22,368,469 | 6,871,116 | 7,276,117 | 8,221,236 | 22,368,469 |
| 0101 | Pure Mathematics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0102 | Applied Mathematics | 22,368,469 | 22,368,469 | 6,871,116 | 7,276,117 | 8,221,236 | 22,368,469 |
| 0103 | Numerical and Computational Mathematics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0104 | Statistics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0105 | Mathematical Physics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0199 | Other Mathematical Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 02 | Physical Sciences | 107,047 | 4,325,640 | 4,721,953 | 1,279,103 | 1,240,559 | 7,241,615 |
| 0201 | Astronomical and Space Sciences | 1,102 | 1,102 | 0 | 0 | 1,102 | 1,102 |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 58,063 | 58,063 | 0 | 0 | 58,063 | 58,063 |
| 0203 | Classical Physics | 0 | 0 | 0 | 0 | 0 | 0 |
| 0204 | Condensed Matter Physics | 257,511 | 1,037,619 | 255,692 | 794,139 | 534,640 | 1,584,472 |
| 0205 | Optical Physics | 76,849 | 4,325,640 | 4,365,648 | 384,604 | 466,733 | 5,216,985 |
| 0206 | Quantum Physics | 79,423 | 79,423 | 0 | 0 | 79,423 | 79,423 |
| 0299 | Other Physical Sciences | 144,306 | 156,032 | 100,613 | 100,359 | 100,598 | 301,570 |
| 03 | Chemical Sciences | 37,518 | 2,078,557 | 2,083,220 | 96,320 | 114,234 | 2,293,774 |
| 0301 | Analytical Chemistry | 30,033 | 35,047 | 14,046 | 49,770 | 10,031 | 73,847 |
| 0302 | Inorganic Chemistry | 22,038 | 40,000 | 0 | 4,076 | 40,000 | 44,076 |
| 0303 | Macromolecular and Materials Chemistry | 15,029 | 714,520 | 714,520 | 24,985 | 0 | 739,505 |
| 0304 | Medicinal and Biomolecular Chemistry | 684,270 | 1,364,037 | 1,337,654 | 12,906 | 17,979 | 1,368,540 |
| 0305 | Organic Chemistry | 4,076 | 60,026 | 17,000 | 4,583 | 45,026 | 66,609 |
| 0306 | Physical Chemistry (Incl. Structural) | 0 | 0 | 0 | 0 | 0 | 0 |
| 0307 | Theoretical and Computational Chemistry | 1,198 | 1,198 | 0 | 0 | 1,198 | 1,198 |
| 0399 | Other Chemical Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 04 | Earth Sciences | 25,549 | 367,593 | 300,101 | 75,332 | 159,495 | 534,929 |
| 0401 | Atmospheric Sciences | 5,166 | 5,166 | 0 | 0 | 5,166 | 5,166 |
| 0402 | Geochemistry | 335,121 | 335,121 | 124,309 | 75,205 | 135,607 | 335,121 |
| 0403 | Geology | 58,862 | 85,251 | 105,734 | 0 | 11,989 | 117,723 |
| 0404 | Geophysics | 51,150 | 51,150 | 51,150 | 0 | 0 | 51,150 |
| 0405 | Oceanography | 219 | 219 | 0 | 127 | 92 | 219 |
| 0406 | Physical Geography and Environmental Geoscience | 25,549 | 25,549 | 18,908 | 0 | 6,641 | 25,549 |
| 0499 | Other Earth Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 05 | Environmental Sciences | 14,046 | 18,945 | 0 | 16,927 | 11,164 | 28,091 |
| 0501 | Ecological Applications | 0 | 0 | 0 | 0 | 0 | 0 |
| 0502 | Environmental Science and Management | 14,046 | 18,945 | 0 | 16,927 | 11,164 | 28,091 |
| 0503 | Soil Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 0599 | Other Environmental Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 06 | Biological Sciences | 767,328 | 4,403,669 | 9,010,661 | 5,050,089 | 2,589,439 | 16,650,189 |
| 0601 | Biochemistry and Cell Biology | 812,028 | 4,403,473 | 8,229,503 | 1,545,080 | 1,796,058 | 11,570,641 |
| 0602 | Ecology | 10,532 | 10,532 | 0 | 0 | 10,532 | 10,532 |
| 0603 | Evolutionary Biology | 0 | 0 | 0 | 0 | 0 | 0 |
| 0604 | Genetics | 322,097 | 570,225 | 293,576 | 318,654 | 341,696 | 953,926 |
| 0605 | Microbiology | 141,816 | 2,191,988 | 461,279 | 2,335,787 | 204,481 | 3,001,546 |
| 0606 | Physiology | 757 | 2,508 | 2,000 | 999 | 461 | 3,460 |
| 0607 | Plant Biology | 334,184 | 767,328 | 24,304 | 849,569 | 236,210 | 1,110,083 |
| 0608 | Zoology | 0 | 0 | 0 | 0 | 0 | 0 |
| 0699 | Other Biological Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 07 | Agricultural and Veterinary Sciences | 983,087 | 15,965,360 | 5,139,389 | 9,294,739 | 9,375,607 | 23,809,735 |
| 0701 | Agriculture, Land and Farm Management | 7,948 | 7,948 | 1,326 | 1,019 | 5,604 | 7,948 |

* Median and Max. Income is based on total research income over the three year period.

RESEARCH COMMERCIALISATION INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|--------------------|-------------------|--------------------|-------------------|--------------------|
| 0702 | Animal Production | 129,992 | 4,158,680 | 2,387,111 | 2,011,532 | 41,531 | 4,440,174 |
| 0703 | Crop and Pasture Production | 507,138 | 11,806,680 | 1,552,851 | 6,775,921 | 7,814,845 | 15,643,616 |
| 0704 | Fisheries Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 0705 | Forestry Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 0706 | Horticultural Production | 16,827 | 16,827 | 2,936 | 9,298 | 4,593 | 16,827 |
| 0707 | Veterinary Sciences | 3,701,170 | 3,701,170 | 1,195,166 | 996,970 | 1,509,035 | 3,701,170 |
| 0799 | Other Agricultural and Veterinary Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 08 | Information and Computing Sciences | 49,308 | 7,513,245 | 13,118,247 | 855,367 | 876,030 | 14,849,644 |
| 0801 | Artificial Intelligence and Image Processing | 796,818 | 5,173,309 | 5,357,453 | 195,087 | 424,970 | 5,977,511 |
| 0802 | Computation Theory and Mathematics | 38,037 | 38,037 | 0 | 0 | 38,037 | 38,037 |
| 0803 | Computer Software | 43,500 | 801,600 | 209,535 | 427,880 | 375,405 | 1,012,819 |
| 0804 | Data Format | 108,459 | 210,284 | 3,184 | 212,115 | 1,620 | 216,919 |
| 0805 | Distributed Computing | 0 | 0 | 0 | 0 | 0 | 0 |
| 0806 | Information Systems | 42,236 | 7,513,245 | 7,548,075 | 20,285 | 35,998 | 7,604,359 |
| 0807 | Library and Information Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 0899 | Other Information and Computing Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 09 | Engineering | 491,974 | 8,535,891 | 7,762,382 | 5,429,700 | 8,260,766 | 21,452,848 |
| 0901 | Aerospace Engineering | 0 | 0 | 0 | 0 | 0 | 0 |
| 0902 | Automotive Engineering | 0 | 0 | 0 | 0 | 0 | 0 |
| 0903 | Biomedical Engineering | 232,234 | 6,444,221 | 1,867,281 | 1,648,394 | 3,863,240 | 7,378,915 |
| 0904 | Chemical Engineering | 114,049 | 583,979 | 546,276 | 231,124 | 320,685 | 1,098,085 |
| 0905 | Civil Engineering | 357,616 | 500,898 | 585,480 | 561,249 | 568,386 | 1,715,115 |
| 0906 | Electrical and Electronic Engineering | 231,274 | 2,605,339 | 2,385,476 | 2,049,893 | 1,732,211 | 6,167,580 |
| 0907 | Environmental Engineering | 94,279 | 324,782 | 371,591 | 51,366 | 5,710 | 428,667 |
| 0908 | Food Sciences | 253,466 | 253,466 | 83,849 | 78,162 | 91,455 | 253,466 |
| 0909 | Geomatic Engineering | 205,000 | 205,000 | 0 | 103,000 | 102,000 | 205,000 |
| 0910 | Manufacturing Engineering | 4,574 | 4,574 | 0 | 1,910 | 2,664 | 4,574 |
| 0911 | Maritime Engineering | 0 | 0 | 0 | 0 | 0 | 0 |
| 0912 | Materials Engineering | 16,614 | 373,888 | 367,629 | 26,397 | 82,809 | 476,835 |
| 0913 | Mechanical Engineering | 42,302 | 457,874 | 328,177 | 179,928 | 96,954 | 605,060 |
| 0914 | Resources Engineering and Extractive Metallurgy | 50,135 | 1,845,836 | 1,215,465 | 484,314 | 1,386,643 | 3,086,423 |
| 0915 | Interdisciplinary Engineering | 0 | 0 | 0 | 0 | 0 | 0 |
| 0999 | Other Engineering | 33,129 | 33,129 | 11,157 | 13,963 | 8,009 | 33,129 |
| 10(B8) | Technology | 713,507 | 1,901,701 | 3,501,932 | 763,275 | 108,292 | 4,373,498 |
| 1001 | Agricultural Biotechnology | 536,554 | 1,059,683 | 985,895 | 13,424 | 73,789 | 1,073,107 |
| 1002 | Environmental Biotechnology | 1,287,727 | 1,874,854 | 2,516,037 | 36,337 | 23,080 | 2,575,454 |
| 1003 | Industrial Biotechnology | 47,178 | 617,674 | 0 | 713,514 | 11,423 | 724,937 |
| 1004 | Medical Biotechnology | 20,026 | 20,026 | 0 | 0 | 20,026 | 20,026 |
| 10(MIC) | Technology | 0 | 0 | 0 | 0 | 0 | 0 |
| 1005 | Communications Technologies | 0 | 0 | 0 | 0 | 0 | 0 |
| 1006 | Computer Hardware | 0 | 0 | 0 | 0 | 0 | 0 |
| 1007 | Nanotechnology | 0 | 0 | 0 | 0 | 0 | 0 |
| 1009 | Other Technology | 20,026 | 20,026 | 0 | 0 | 20,026 | 20,026 |
| 11(BCH) | Medical and Health Sciences | 835,911 | 122,622,139 | 14,552,215 | 163,895,703 | 61,541,815 | 239,989,733 |
| 1101 | Medical Biochemistry and Metabolomics | 436,549 | 898,666 | 1,341,373 | 738,604 | 94,501 | 2,174,478 |
| 1102 | Cardiovascular Medicine and Haematology | 290,496 | 996,870 | 1,409,873 | 388,205 | 447,825 | 2,245,902 |
| 1103 | Clinical Sciences | 371,945 | 22,766,726 | 2,485,164 | 32,026,942 | 13,787,579 | 48,299,685 |
| 1105 | Dentistry | 760,367 | 1,514,279 | 449,063 | 498,136 | 573,534 | 1,520,733 |
| 1107 | Immunology | 92,886 | 75,948,227 | 2,857,267 | 30,198,672 | 44,432,187 | 77,488,127 |

* Median and Max. Income is based on total research income over the three year period.

RESEARCH COMMERCIALISATION INCOME (CONT.)

| For Code | For Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|----------------|---|---------------------|-------------------|----------------|----------------|----------------|------------------|
| 1108 | Medical Microbiology | 50,219 | 475,141 | 277,901 | 169,986 | 94,739 | 542,627 |
| 1109 | Neurosciences | 304,519 | 605,749 | 66,362 | 463,253 | 79,423 | 609,038 |
| 1112 | Oncology and Carcinogenesis | 1,005,567 | 1,586,988 | 1,336,989 | 673,475 | 669 | 2,011,133 |
| 1113 | Ophthalmology and Optometry | 141,227 | 962,267 | 395,338 | 538,130 | 403,626 | 1,337,094 |
| 1114 | Paediatrics and Reproductive Medicine | 184,737 | 90,118,088 | 270,261 | 89,126,567 | 1,320,664 | 90,717,491 |
| 1115 | Pharmacology and Pharmaceutical Sciences | 423,477 | 8,347,290 | 3,496,407 | 8,899,607 | 158,846 | 12,554,860 |
| 1116 | Medical Physiology | 69,992 | 279,924 | 166,216 | 174,126 | 148,223 | 488,564 |
| 11(PAH) | Medical and Health Sciences | - | - | - | - | - | - |
| 1104 | Complementary and Alternative Medicine | - | - | - | - | - | - |
| 1106 | Human Movement and Sports Science | - | - | - | - | - | - |
| 1110 | Nursing | - | - | - | - | - | - |
| 1111 | Nutrition and Dietetics | - | - | - | - | - | - |
| 1117 | Public Health and Health Services | - | - | - | - | - | - |
| 1199 | Other Medical and Health Sciences | - | - | - | - | - | - |
| 12(EE) | Built Environment and Design | 0 | 0 | 0 | 0 | 0 | 0 |
| 1202 | Building | 0 | 0 | 0 | 0 | 0 | 0 |
| 1204 | Engineering Design | 0 | 0 | 0 | 0 | 0 | 0 |
| 12(HCA) | Built Environment and Design | 1,637 | 1,637 | 287 | 229 | 1,122 | 1,637 |
| 1201 | Architecture | 1,637 | 1,637 | 287 | 229 | 1,122 | 1,637 |
| 1203 | Design Practice and Management | 0 | 0 | 0 | 0 | 0 | 0 |
| 1205 | Urban and Regional Planning | 0 | 0 | 0 | 0 | 0 | 0 |
| 1299 | Other Built Environment and Design | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | Education | 32,819 | 1,202,493 | 526,661 | 734,954 | 591,415 | 1,853,031 |
| 1301 | Education Systems | 28,505 | 105,993 | 19,495 | 21,932 | 96,129 | 137,555 |
| 1302 | Curriculum and Pedagogy | 1,700 | 454,833 | 298,873 | 99,132 | 59,483 | 457,488 |
| 1303 | Specialist Studies in Education | 25,591 | 1,202,493 | 207,357 | 613,469 | 435,803 | 1,256,630 |
| 1399 | Other Education | 1,357 | 1,357 | 936 | 421 | 0 | 1,357 |
| 14 | Economics | 25,488 | 86,342 | 35,826 | 93,083 | 46,131 | 175,041 |
| 1401 | Economic Theory | 0 | 0 | 0 | 0 | 0 | 0 |
| 1402 | Applied Economics | 21,812 | 86,342 | 35,826 | 55,536 | 46,131 | 137,494 |
| 1403 | Econometrics | 37,547 | 37,547 | 0 | 37,547 | 0 | 37,547 |
| 1499 | Other Economics | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | Commerce, Management, Tourism and Services | 28,505 | 31,244 | 15,230 | 36,280 | 33,070 | 84,580 |
| 1501 | Accounting, Auditing and Accountability | 0 | 0 | 0 | 0 | 0 | 0 |
| 1502 | Banking, Finance and Investment | 31,244 | 31,244 | 0 | 31,244 | 0 | 31,244 |
| 1503 | Business and Management | 26,668 | 28,505 | 15,230 | 5,036 | 33,070 | 53,335 |
| 1504 | Commercial Services | 0 | 0 | 0 | 0 | 0 | 0 |
| 1505 | Marketing | 0 | 0 | 0 | 0 | 0 | 0 |
| 1506 | Tourism | 0 | 0 | 0 | 0 | 0 | 0 |
| 1507 | Transportation and Freight Services | 0 | 0 | 0 | 0 | 0 | 0 |
| 1599 | Other Commerce, Management, Tourism and Services | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | Studies in Human Society | 25,488 | 43,422 | 6,577 | 0 | 44,398 | 50,975 |
| 1601 | Anthropology | 43,422 | 43,422 | 0 | 0 | 43,422 | 43,422 |
| 1602 | Criminology | 0 | 0 | 0 | 0 | 0 | 0 |
| 1603 | Demography | 0 | 0 | 0 | 0 | 0 | 0 |
| 1604 | Human Geography | 822 | 822 | 822 | 0 | 0 | 822 |
| 1605 | Policy and Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| 1606 | Political Science | 0 | 0 | 0 | 0 | 0 | 0 |
| 1607 | Social Work | 822 | 822 | 822 | 0 | 0 | 822 |

* Median and Max. Income is based on total research income over the three year period.

RESEARCH COMMERCIALISATION INCOME (CONT.)

| FoR Code | FoR Name | Median Income (\$)* | Max. Income (\$)* | 2006 (\$) | 2007 (\$) | 2008 (\$) | Total (\$) |
|--------------|---|---------------------|-------------------|-------------------|--------------------|-------------------|--------------------|
| 1608 | Sociology | 1,644 | 1,644 | 1,644 | 0 | 0 | 1,644 |
| 1699 | Other Studies in Human Society | 4,264 | 4,264 | 3,289 | 0 | 975 | 4,264 |
| 17 | Psychology and Cognitive Sciences | 97,217 | 1,054,043 | 224,207 | 360,901 | 663,923 | 1,249,032 |
| 1701 | Psychology | 97,217 | 1,054,043 | 224,207 | 360,901 | 663,923 | 1,249,032 |
| 1702 | Cognitive Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 1799 | Other Psychology and Cognitive Sciences | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | Law and Legal Studies | - | - | - | - | - | - |
| 1801 | Law | - | - | - | - | - | - |
| 1802 | Maori Law | - | - | - | - | - | - |
| 1899 | Other Law and Legal Studies | - | - | - | - | - | - |
| 19 | Studies in Creative Arts and Writing | 185,795 | 522,341 | 16,023 | 584,871 | 120,832 | 721,725 |
| 1901 | Art Theory and Criticism | 2,434 | 2,434 | 2,434 | 0 | 0 | 2,434 |
| 1902 | Film, Television and Digital Media | 522,341 | 522,341 | 0 | 421,699 | 100,642 | 522,341 |
| 1903 | Journalism and Professional Writing | 0 | 0 | 0 | 0 | 0 | 0 |
| 1904 | Performing Arts and Creative Writing | 98,475 | 183,361 | 13,589 | 163,172 | 20,190 | 196,950 |
| 1905 | Visual Arts and Crafts | 0 | 0 | 0 | 0 | 0 | 0 |
| 1999 | Other Studies in Creative Arts and Writing | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | Language, Communication and Culture | 12,639 | 31,205 | 11,369 | 2,415 | 33,493 | 47,277 |
| 2001 | Communication and Media Studies | 3,433 | 3,433 | 0 | 1,144 | 2,288 | 3,433 |
| 2002 | Cultural Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 2003 | Language Studies | 16,942 | 31,205 | 1,409 | 1,270 | 31,205 | 33,885 |
| 2004 | Linguistics | 9,960 | 9,960 | 9,960 | 0 | 0 | 9,960 |
| 2005 | Literary Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 2099 | Other Language, Communication and Culture | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | History and Archaeology | 8,072 | 42,049 | 8,362 | 42,329 | 7,990 | 58,681 |
| 2101 | Archaeology | 8,643 | 8,643 | 8,362 | 281 | 0 | 8,643 |
| 2102 | Curatorial and Related Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| 2103 | Historical Studies | 7,502 | 42,049 | 0 | 42,049 | 7,990 | 50,038 |
| 2199 | Other History and Archaeology | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | Philosophy and Religious Studies | 822 | 822 | 822 | 0 | 0 | 822 |
| 2201 | Applied Ethics | 0 | 0 | 0 | 0 | 0 | 0 |
| 2202 | History and Philosophy of Specific Fields | 0 | 0 | 0 | 0 | 0 | 0 |
| 2203 | Philosophy | 0 | 0 | 0 | 0 | 0 | 0 |
| 2204 | Religion and Religious Studies | 822 | 822 | 822 | 0 | 0 | 822 |
| 2299 | Other Philosophy and Religious Studies | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | 67,906,581 | 195,887,734 | 94,061,036 | 357,855,351 |

* Median and Max. Income is based on total research income over the three year period.

PATENTS SEALED

| FOR Code | FOR Name | Australia | United States | Europe | Japan | Other International | Triadic* | Total* | % of Total |
|-----------|---|-------------|---------------|-------------|------------|---------------------|------------|-------------|------------|
| 01 | Mathematical Sciences | 0.0 | 0.3 | 0.4 | 0.0 | 0.0 | 0.0 | 0.7 | 0% |
| 0101 | Pure Mathematics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0102 | Applied Mathematics | 0.0 | 0.3 | 0.4 | 0.0 | 0.0 | 0.0 | 0.7 | 0% |
| 0103 | Numerical and Computational Mathematics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0104 | Statistics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0105 | Mathematical Physics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0199 | Other Mathematical Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 02 | Physical Sciences | 7.5 | 10.0 | 1.5 | 1.0 | 7.9 | 1.0 | 31.0 | 5% |
| 0201 | Astronomical and Space Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0203 | Classical Physics | 0.3 | 0.7 | 0.2 | 1.0 | 0.7 | 1.0 | 6.0 | 1% |
| 0204 | Condensed Matter Physics | 1.8 | 1.4 | 0.0 | 0.0 | 3.7 | 0.0 | 6.8 | 1% |
| 0205 | Optical Physics | 4.4 | 5.1 | 1.3 | 0.0 | 3.1 | 0.0 | 13.9 | 2% |
| 0206 | Quantum Physics | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0% |
| 0299 | Other Physical Sciences | 0.0 | 1.8 | 0.0 | 0.0 | 0.4 | 0.0 | 2.2 | 0% |
| 03 | Chemical Sciences | 28.0 | 23.7 | 14.8 | 1.3 | 19.0 | 0.0 | 86.8 | 13% |
| 0301 | Analytical Chemistry | 0.0 | 4.5 | 0.5 | 0.0 | 1.6 | 0.0 | 6.6 | 1% |
| 0302 | Inorganic Chemistry | 2.0 | 1.7 | 4.5 | 0.0 | 3.4 | 0.0 | 11.6 | 2% |
| 0303 | Macromolecular and Materials Chemistry | 3.4 | 1.9 | 0.1 | 1.0 | 1.8 | 0.0 | 8.2 | 1% |
| 0304 | Medicinal and Biomolecular Chemistry | 16.1 | 11.7 | 5.5 | 0.3 | 7.3 | 0.0 | 41.0 | 6% |
| 0305 | Organic Chemistry | 5.5 | 3.4 | 3.9 | 0.0 | 4.7 | 0.0 | 17.5 | 3% |
| 0306 | Physical Chemistry (Incl. Structural) | 1.0 | 0.5 | 0.3 | 0.0 | 0.2 | 0.0 | 2.0 | 0% |
| 0307 | Theoretical and Computational Chemistry | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0399 | Other Chemical Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 04 | Earth Sciences | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0% |
| 0401 | Atmospheric Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0402 | Geochemistry | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0403 | Geology | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0404 | Geophysics | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0% |
| 0405 | Oceanography | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0% |
| 0406 | Physical Geography and Environmental Geoscience | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0499 | Other Earth Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 05 | Environmental Sciences | 0.0 | 2.0 | 0.0 | 0.0 | 2.1 | 0.0 | 4.1 | 1% |
| 0501 | Ecological Applications | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0502 | Environmental Science and Management | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0503 | Soil Sciences | 0.0 | 2.0 | 0.0 | 0.0 | 2.1 | 0.0 | 4.1 | 1% |
| 0599 | Other Environmental Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 06 | Biological Sciences | 30.3 | 17.9 | 5.9 | 0.4 | 41.1 | 0.0 | 95.6 | 14% |
| 0601 | Biochemistry and Cell Biology | 8.5 | 11.6 | 2.4 | 0.2 | 12.3 | 0.0 | 35.1 | 5% |
| 0602 | Ecology | 0.4 | 0.2 | 0.0 | 0.0 | 0.4 | 0.0 | 1.0 | 0% |
| 0603 | Evolutionary Biology | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0604 | Genetics | 6.8 | 1.1 | 0.3 | 0.0 | 2.1 | 0.0 | 10.4 | 2% |
| 0605 | Microbiology | 9.6 | 2.4 | 0.9 | 0.2 | 17.1 | 0.0 | 30.2 | 4% |
| 0606 | Physiology | 0.8 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 0% |
| 0607 | Plant Biology | 3.1 | 2.1 | 1.8 | 0.0 | 8.2 | 0.0 | 15.2 | 2% |
| 0608 | Zoology | 1.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 1.5 | 0% |
| 0699 | Other Biological Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 07 | Agricultural and Veterinary Sciences | 9.4 | 2.4 | 1.7 | 0.8 | 20.4 | 0.0 | 34.7 | 5% |
| 0701 | Agriculture, Land and Farm Management | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |

* Triadic patents count as three patents in the total.

PATENTS SEALED (CONT.)

| For Code | For Name | Australia | United States | Europe | Japan | Other International | Triadic* | Total* | % of Total |
|----------------|---|-------------|---------------|-------------|------------|---------------------|------------|--------------|------------|
| 0702 | Animal Production | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 0% |
| 0703 | Crop and Pasture Production | 1.3 | 0.3 | 0.6 | 0.0 | 6.0 | 0.0 | 8.2 | 1% |
| 0704 | Fisheries Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0705 | Forestry Sciences | 2.3 | 0.8 | 0.8 | 0.8 | 6.2 | 0.0 | 10.8 | 2% |
| 0706 | Horticultural Production | 3.1 | 0.8 | 0.3 | 0.0 | 1.3 | 0.0 | 5.6 | 1% |
| 0707 | Veterinary Sciences | 1.2 | 0.5 | 0.0 | 0.0 | 7.0 | 0.0 | 8.7 | 1% |
| 0799 | Other Agricultural and Veterinary Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 08 | Information and Computing Sciences | 5.0 | 5.0 | 1.0 | 0.0 | 2.7 | 0.0 | 13.8 | 2% |
| 0801 | Artificial Intelligence and Image Processing | 3.7 | 0.7 | 1.0 | 0.0 | 1.0 | 0.0 | 6.4 | 1% |
| 0802 | Computation Theory and Mathematics | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0% |
| 0803 | Computer Software | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0% |
| 0804 | Data Format | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0805 | Distributed Computing | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0% |
| 0806 | Information Systems | 1.3 | 0.5 | 0.0 | 0.0 | 1.7 | 0.0 | 3.5 | 1% |
| 0807 | Library and Information Studies | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0% |
| 0899 | Other Information and Computing Sciences | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 09 | Engineering | 47.9 | 45.5 | 14.4 | 3.2 | 84.7 | 0.0 | 195.8 | 29% |
| 0901 | Aerospace Engineering | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0902 | Automotive Engineering | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 0903 | Biomedical Engineering | 7.4 | 9.9 | 2.6 | 0.0 | 13.2 | 0.0 | 33.0 | 5% |
| 0904 | Chemical Engineering | 5.0 | 4.9 | 1.3 | 0.1 | 8.3 | 0.0 | 19.6 | 3% |
| 0905 | Civil Engineering | 5.8 | 1.3 | 3.0 | 0.0 | 17.0 | 0.0 | 27.1 | 4% |
| 0906 | Electrical and Electronic Engineering | 10.8 | 15.6 | 1.0 | 0.0 | 19.0 | 0.0 | 46.4 | 7% |
| 0907 | Environmental Engineering | 0.4 | 0.3 | 0.5 | 0.0 | 0.1 | 0.0 | 1.3 | 0% |
| 0908 | Food Sciences | 1.2 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 2.2 | 0% |
| 0909 | Geomatic Engineering | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0% |
| 0910 | Manufacturing Engineering | 2.2 | 1.5 | 1.3 | 0.5 | 5.8 | 0.0 | 11.4 | 2% |
| 0911 | Maritime Engineering | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0% |
| 0912 | Materials Engineering | 3.8 | 5.1 | 1.0 | 0.7 | 7.6 | 0.0 | 18.1 | 3% |
| 0913 | Mechanical Engineering | 8.7 | 5.5 | 2.5 | 2.0 | 8.8 | 0.0 | 27.5 | 4% |
| 0914 | Resources Engineering and Extractive Metallurgy | 1.6 | 0.6 | 0.8 | 0.0 | 3.4 | 0.0 | 6.3 | 1% |
| 0915 | Interdisciplinary Engineering | 0.0 | 0.5 | 0.5 | 0.0 | 0.5 | 0.0 | 1.5 | 0% |
| 0999 | Other Engineering | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 10(BB) | Technology | 2.5 | 6.2 | 2.4 | 0.0 | 2.6 | 0.0 | 13.8 | 2% |
| 1001 | Agricultural Biotechnology | 1.9 | 1.8 | 0.5 | 0.0 | 0.3 | 0.0 | 4.6 | 1% |
| 1002 | Environmental Biotechnology | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0% |
| 1003 | Industrial Biotechnology | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1004 | Medical Biotechnology | 0.3 | 4.3 | 1.9 | 0.0 | 2.3 | 0.0 | 8.8 | 1% |
| 10(MIC) | Technology | 5.9 | 7.2 | 3.4 | 0.5 | 3.1 | 0.0 | 20.2 | 3% |
| 1005 | Communications Technologies | 3.5 | 4.5 | 3.0 | 0.0 | 1.0 | 0.0 | 12.0 | 2% |
| 1006 | Computer Hardware | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0% |
| 1007 | Nanotechnology | 2.2 | 2.5 | 0.4 | 0.5 | 2.1 | 0.0 | 7.7 | 1% |
| 1099 | Other Technology | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 11(BCH) | Medical and Health Sciences | 38.5 | 50.9 | 33.3 | 5.8 | 33.3 | 0.0 | 161.8 | 24% |
| 1101 | Medical Biochemistry and Metabolomics | 2.7 | 4.9 | 2.5 | 0.0 | 0.9 | 0.0 | 11.0 | 2% |
| 1102 | Cardiovascular Medicine and Haematology | 0.5 | 1.8 | 1.0 | 0.0 | 0.1 | 0.0 | 3.5 | 1% |
| 1103 | Clinical Sciences | 5.6 | 9.5 | 6.2 | 0.5 | 12.2 | 0.0 | 33.9 | 5% |
| 1105 | Dentistry | 1.2 | 1.8 | 2.4 | 0.6 | 4.8 | 0.0 | 10.8 | 2% |
| 1107 | Immunology | 4.7 | 3.8 | 4.0 | 1.3 | 6.0 | 0.0 | 19.8 | 3% |
| 1108 | Medical Microbiology | 4.7 | 6.7 | 4.0 | 3.0 | 2.0 | 0.0 | 20.4 | 3% |

* Triadic patents count as three patents in the total.

PATENTS SEALED (CONT.)

| For Code | For Name | Australia | United States | Europe | Japan | Other International | Triadic* | Total* | % of Total |
|----------|---|------------|---------------|------------|------------|---------------------|------------|------------|------------|
| 1109 | Neurosciences | 4.1 | 6.4 | 3.1 | 0.0 | 2.3 | 0.0 | 15.8 | 2% |
| 1112 | Oncology and Carcinogenesis | 2.3 | 0.3 | 1.0 | 0.0 | 1.5 | 0.0 | 5.1 | 1% |
| 1113 | Ophthalmology and Optometry | 2.5 | 7.2 | 4.0 | 0.0 | 0.0 | 0.0 | 13.7 | 2% |
| 1114 | Paediatrics and Reproductive Medicine | 1.0 | 1.0 | 1.6 | 0.0 | 0.0 | 0.0 | 3.6 | 1% |
| 1115 | Pharmacology and Pharmaceutical Sciences | 6.4 | 5.6 | 3.0 | 0.3 | 2.5 | 0.0 | 17.8 | 3% |
| 1116 | Medical Physiology | 2.9 | 1.9 | 0.6 | 0.0 | 1.0 | 0.0 | 6.4 | 1% |
| 11(PAH) | Medical and Health Sciences | 4.4 | 2.7 | 0.2 | 0.0 | 0.9 | 0.0 | 8.2 | 1% |
| 1104 | Complementary and Alternative Medicine | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0% |
| 1106 | Human Movement and Sports Science | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0% |
| 1110 | Nursing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1111 | Nutrition and Diagnostics | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0% |
| 1117 | Public Health and Health Services | 2.4 | 1.0 | 0.0 | 0.0 | 0.6 | 0.0 | 4.0 | 1% |
| 1199 | Other Medical and Health Sciences | 1.3 | 0.7 | 0.2 | 0.0 | 0.3 | 0.0 | 2.4 | 0% |
| 12(EE) | Built Environment and Design | 1.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 2.0 | 0% |
| 1202 | Building | 1.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 2.0 | 0% |
| 1204 | Engineering Design | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 12(HCA) | Built Environment and Design | 1.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 2.0 | 0% |
| 1201 | Architecture | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0% |
| 1203 | Design Practice and Management | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 1.0 | 0% |
| 1205 | Urban and Regional Planning | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1299 | Other Built Environment and Design | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 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 | - | - | - | - | - | - | - | - |

* Triadic patents count as three patents in the total.

PATENTS SEALED (CONT.)

| FoR Code | FoR Name | Australia | United States | Europe | Japan | Other International | Triadic* | Total* | % of Total |
|---------------|---|--------------|---------------|-------------|-------------|---------------------|------------|--------------|-------------|
| 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1901 | Art Theory and Criticism | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1902 | Film, Television and Digital Media | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1903 | Journalism and Professional Writing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1904 | Performing Arts and Creative Writing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1905 | Visual Arts and Crafts | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 1999 | Other Studies in Creative Arts and Writing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 21 | History and Archaeology | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 2101 | Archaeology | - | - | - | - | - | - | - | - |
| 2102 | Curatorial and Related Studies | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0% |
| 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 | - | - | - | - | - | - | - | - |
| Total* | | 183.0 | 174.0 | 79.0 | 13.0 | 219.0 | 3.0 | 671.0 | 100% |

* Triadic patents count as three patents in the total.

PLANT BREEDER'S RIGHTS

| FoR Code | FoR Name | PBRs | % of Total |
|---------------|---|-----------|-------------|
| 05 | Environmental Sciences | 0 | 0% |
| 0501 | Ecological Applications | 0 | 0% |
| 0502 | Environmental Science and Management | 0 | 0% |
| 0503 | Soil Sciences | 0 | 0% |
| 0599 | Other Environmental Sciences | 0 | 0% |
| 06 | Biological Sciences | 6 | 19% |
| 0604 | Genetics | 0 | 0% |
| 0607 | Plant Biology | 6 | 19% |
| 07 | Agricultural and Veterinary Sciences | 25 | 81% |
| 0703 | Crop and Pasture Production | 23 | 75% |
| 0705 | Forestry Sciences | 0 | 0% |
| 0706 | Horticultural Production | 2 | 6% |
| 10(BB) | Technology | 0 | 0% |
| 1001 | Agricultural Biotechnology | 0 | 0% |
| 1002 | Environmental Biotechnology | 0 | 0% |
| 1003 | Industrial Biotechnology | 0 | 0% |
| Total | | 31 | 100% |

NHMRC ENDORSED GUIDELINES

| FoR Code | FoR Name | Guidelines | % of Total |
|----------------|--|------------|-------------|
| 11(BCH) | Medical and Health Sciences | 18 | 36% |
| 1101 | Medical Biochemistry and Metabolomics | 0 | 0% |
| 1102 | Cardiovascular Medicine and Haematology | 1 | 2% |
| 1103 | Clinical Sciences | 12 | 24% |
| 1105 | Dentistry | 0 | 0% |
| 1107 | Immunology | 0 | 0% |
| 1108 | Medical Microbiology | 0 | 0% |
| 1109 | Neurosciences | 2 | 4% |
| 1112 | Oncology and Carcinogenesis | 2 | 3% |
| 1113 | Ophthalmology and Optometry | 1 | 1% |
| 1114 | Paediatrics and Reproductive Medicine | 2 | 3% |
| 1115 | Pharmacology and Pharmaceutical Sciences | 0 | 0% |
| 1116 | Medical Physiology | 0 | 0% |
| 11(PAH) | Medical and Health Sciences | 31 | 64% |
| 1104 | Complementary and Alternative Medicine | 0 | 0% |
| 1106 | Human Movement and Sports Science | 0 | 0% |
| 1110 | Nursing | 1 | 1% |
| 1111 | Nutrition and Dietetics | 4 | 8% |
| 1117 | Public Health and Health Services | 27 | 54% |
| 1199 | Other Medical and Health Sciences | 0 | 0% |
| Total | | 49 | 100% |

| FoR Code | FoR Name | Editor of a Prestigious Work of Reference | Fellowship of a Learned Academy or Membership of AIATSIS | Membership of a Statutory Committee | Recipient of a National-Competitive Research Fellowship | Recipient of an Australia Council Grant or Fellowship | Total | % of Total |
|-----------|---|---|--|-------------------------------------|---|---|------------|------------|
| 01 | Mathematical Sciences | - | - | - | - | - | 106 | 3% |
| 0101 | Pure Mathematics | - | 16 | - | 35 | - | 51 | 1% |
| 0102 | Applied Mathematics | - | 5 | - | 19 | - | 24 | 1% |
| 0103 | Numerical and Computational Mathematics | - | 1 | - | 5 | - | 6 | 0% |
| 0104 | Statistics | - | 5 | - | 10 | - | 15 | 0% |
| 0105 | Mathematical Physics | - | 4 | - | 6 | - | 10 | 0% |
| 0199 | Other Mathematical Sciences | - | 0 | - | 0 | - | 0 | 0% |
| 02 | Physical Sciences | - | 37 | - | 155 | - | 192 | 5% |
| 0201 | Astronomical and Space Sciences | - | 7 | - | 24 | - | 31 | 1% |
| 0202 | Atomic, Molecular, Nuclear, Particle and Plasma Physics | - | 9 | - | 19 | - | 29 | 1% |
| 0203 | Classical Physics | - | 1 | - | 5 | - | 6 | 0% |
| 0204 | Condensed Matter Physics | - | 7 | - | 30 | - | 37 | 1% |
| 0205 | Optical Physics | - | 6 | - | 40 | - | 46 | 1% |
| 0206 | Quantum Physics | - | 4 | - | 20 | - | 24 | 1% |
| 0299 | Other Physical Sciences | - | 3 | - | 17 | - | 19 | 0% |
| 03 | Chemical Sciences | - | 39 | - | 132 | - | 171 | 4% |
| 0301 | Analytical Chemistry | - | 4 | - | 17 | - | 21 | 1% |
| 0302 | Inorganic Chemistry | - | 9 | - | 15 | - | 24 | 1% |
| 0303 | Macromolecular and Materials Chemistry | - | 4 | - | 29 | - | 33 | 1% |
| 0304 | Medicinal and Biomolecular Chemistry | - | 0 | - | 14 | - | 14 | 0% |
| 0305 | Organic Chemistry | - | 9 | - | 18 | - | 27 | 1% |
| 0306 | Physical Chemistry (Incl. Structural) | - | 9 | - | 27 | - | 36 | 1% |
| 0307 | Theoretical and Computational Chemistry | - | 2 | - | 8 | - | 11 | 0% |
| 0399 | Other Chemical Sciences | - | 1 | - | 5 | - | 6 | 0% |
| 04 | Earth Sciences | - | 24 | - | 105 | - | 130 | 3% |
| 0401 | Atmospheric Sciences | - | 2 | - | 11 | - | 13 | 0% |
| 0402 | Geochemistry | - | 4 | - | 25 | - | 30 | 1% |
| 0403 | Geology | - | 10 | - | 39 | - | 49 | 1% |
| 0404 | Geophysics | - | 2 | - | 8 | - | 10 | 0% |
| 0405 | Oceanography | - | 4 | - | 8 | - | 12 | 0% |
| 0406 | Physical Geography and Environmental Geoscience | - | 3 | - | 14 | - | 16 | 0% |
| 0499 | Other Earth Sciences | - | 0 | - | 0 | - | 0 | 0% |
| 05 | Environmental Sciences | - | 9 | - | 69 | - | 77 | 2% |
| 0501 | Ecological Applications | - | 2 | - | 12 | - | 14 | 0% |
| 0502 | Environmental Science and Management | - | 5 | - | 44 | - | 49 | 1% |
| 0503 | Soil Sciences | - | 2 | - | 13 | - | 14 | 0% |
| 0599 | Other Environmental Sciences | - | 1 | - | 0 | - | 1 | 0% |
| 06 | Biological Sciences | - | 53 | - | 359 | - | 412 | 10% |
| 0601 | Biochemistry and Cell Biology | - | 13 | - | 106 | - | 119 | 3% |
| 0602 | Ecology | - | 5 | - | 60 | - | 66 | 2% |
| 0603 | Evolutionary Biology | - | 2 | - | 39 | - | 42 | 1% |
| 0604 | Genetics | - | 10 | - | 47 | - | 57 | 1% |
| 0605 | Microbiology | - | 6 | - | 24 | - | 30 | 1% |
| 0606 | Physiology | - | 1 | - | 9 | - | 10 | 0% |
| 0607 | Plant Biology | - | 13 | - | 41 | - | 54 | 1% |
| 0608 | Zoology | - | 3 | - | 32 | - | 35 | 1% |
| 0699 | Other Biological Sciences | - | 0 | - | 1 | - | 1 | 0% |
| 07 | Agricultural and Veterinary Sciences | - | 8 | - | 53 | - | 60 | 1% |

ESTEEM (CONT.)

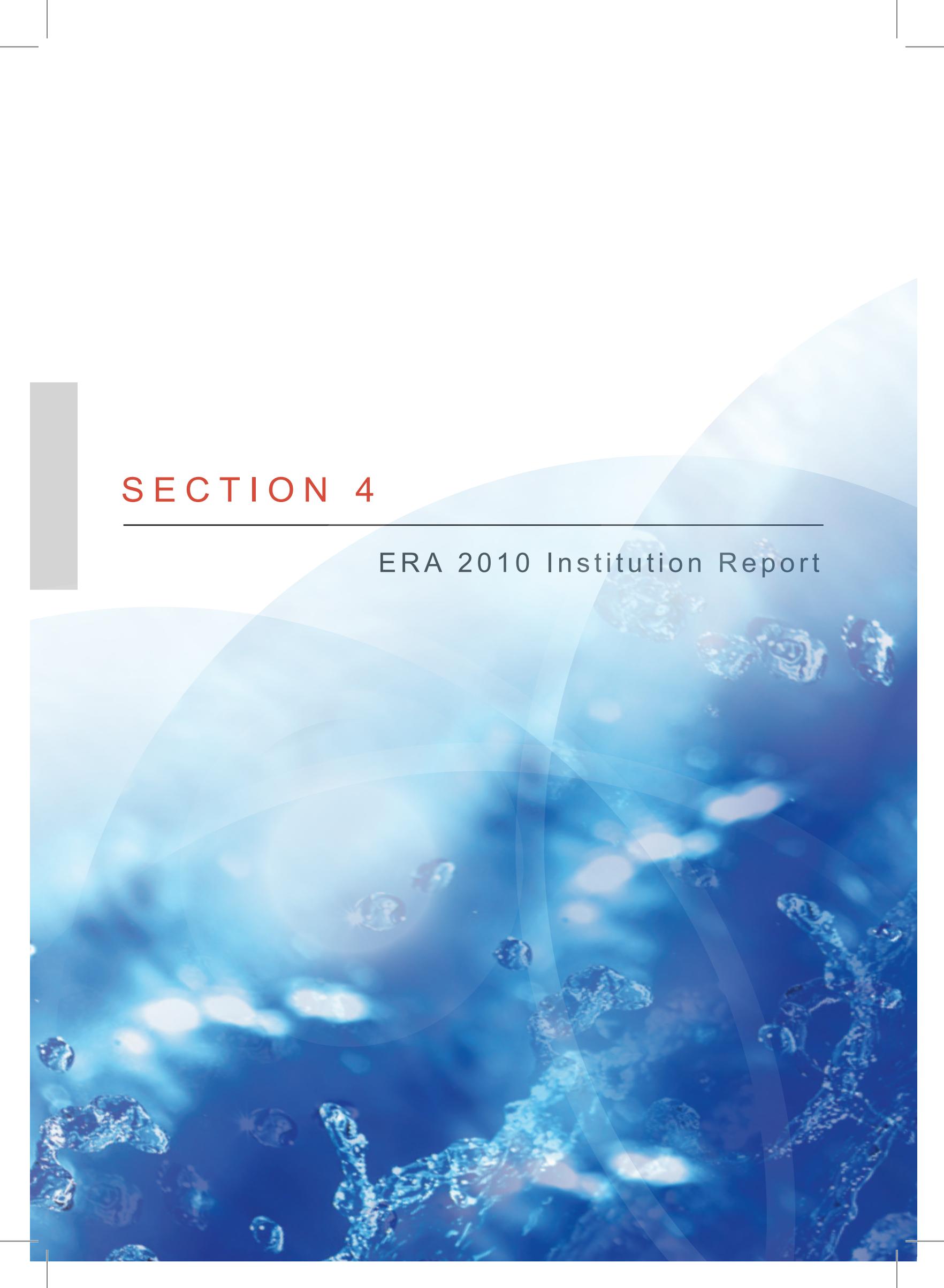
| FoR Code | FoR Name | Editor of a Prestigious Work of Reference | Fellowship of a Learned Academy or Membership of AIATSIS | Membership of a Statutory Committee | Recipient of a National-Competitive Research Fellowship | Recipient of an Australia Council Grant or Fellowship | Total | % of Total |
|----------------|---|---|--|-------------------------------------|---|---|------------|------------|
| 0701 | Agriculture, Land and Farm Management | - | 0 | - | 3 | - | 3 | 0% |
| 0702 | Animal Production | - | 0 | 0 | 8 | - | 8 | 0% |
| 0703 | Crop and Pasture Production | - | 4 | - | 15 | - | 19 | 0% |
| 0704 | Fisheries Sciences | - | 1 | 1 | 2 | - | 3 | 0% |
| 0705 | Forestry Sciences | - | 1 | 1 | 8 | - | 9 | 0% |
| 0706 | Horticultural Production | - | 1 | - | 6 | - | 7 | 0% |
| 0707 | Veterinary Sciences | - | 0 | 0 | 10 | - | 10 | 0% |
| 0799 | Other Agricultural and Veterinary Sciences | - | 0 | 0 | 0 | - | 1 | 0% |
| 08 | Information and Computing Sciences | - | 13 | - | 88 | - | 101 | 2% |
| 0801 | Artificial Intelligence and Image Processing | - | 5 | 5 | 37 | - | 42 | 1% |
| 0802 | Computation Theory and Mathematics | - | 2 | - | 5 | - | 7 | 0% |
| 0803 | Computer Software | - | 0 | 0 | 13 | - | 14 | 0% |
| 0804 | Data Format | - | 1 | 1 | 4 | - | 5 | 0% |
| 0805 | Distributed Computing | - | 0 | 0 | 4 | - | 4 | 0% |
| 0806 | Information Systems | - | 3 | 3 | 21 | - | 24 | 1% |
| 0807 | Library and Information Studies | - | 1 | - | 3 | - | 3 | 0% |
| 0899 | Other Information and Computing Sciences | - | 1 | 1 | 0 | - | 2 | 0% |
| 09 | Engineering | - | 91 | - | 384 | - | 474 | 12% |
| 0901 | Aerospace Engineering | - | 0 | 0 | 1 | - | 1 | 0% |
| 0902 | Automotive Engineering | - | 0 | - | 3 | - | 4 | 0% |
| 0903 | Biomedical Engineering | - | 2 | - | 20 | - | 22 | 1% |
| 0904 | Chemical Engineering | - | 22 | - | 62 | - | 84 | 2% |
| 0905 | Civil Engineering | - | 14 | - | 37 | - | 52 | 1% |
| 0906 | Electrical and Electronic Engineering | - | 21 | - | 48 | - | 69 | 2% |
| 0907 | Environmental Engineering | - | 2 | 2 | 26 | - | 28 | 1% |
| 0908 | Food Sciences | - | 0 | - | 5 | - | 5 | 0% |
| 0909 | Geomatic Engineering | - | 2 | - | 18 | - | 19 | 0% |
| 0910 | Manufacturing Engineering | - | 3 | - | 9 | - | 12 | 0% |
| 0911 | Maritime Engineering | - | 0 | - | 4 | - | 4 | 0% |
| 0912 | Materials Engineering | - | 10 | - | 63 | - | 73 | 2% |
| 0913 | Mechanical Engineering | - | 8 | - | 36 | - | 44 | 1% |
| 0914 | Resources Engineering and Extractive Metallurgy | - | 5 | - | 36 | - | 41 | 1% |
| 0915 | Interdisciplinary Engineering | - | 1 | - | 12 | - | 13 | 0% |
| 0999 | Other Engineering | - | 0 | - | 3 | - | 3 | 0% |
| 10(BB) | Technology | - | 2 | - | 14 | - | 16 | 0% |
| 1001 | Agricultural Biotechnology | - | 0 | - | 4 | - | 4 | 0% |
| 1002 | Environmental Biotechnology | - | 0 | - | 5 | - | 5 | 0% |
| 1003 | Industrial Biotechnology | - | 2 | - | 4 | - | 6 | 0% |
| 1004 | Medical Biotechnology | - | 0 | - | 2 | - | 2 | 0% |
| 10(MIC) | Technology | - | 5 | - | 47 | - | 51 | 1% |
| 1005 | Communications Technologies | - | 4 | - | 24 | - | 28 | 1% |
| 1006 | Computer Hardware | - | 0 | 0 | 1 | - | 1 | 0% |
| 1007 | Nanotechnology | - | 1 | 1 | 22 | - | 23 | 1% |
| 1099 | Other Technology | - | 0 | - | 0 | - | 0 | 0% |
| 11(BCH) | Medical and Health Sciences | - | 73 | - | 299 | - | 372 | 9% |
| 1101 | Medical Biochemistry and Metabolomics | - | 1 | - | 8 | - | 9 | 0% |
| 1102 | Cardiovascular Medicine and Haematology | - | 2 | - | 15 | - | 18 | 0% |
| 1103 | Clinical Sciences | - | 25 | - | 74 | - | 99 | 2% |

ESTEEM (CONT.)

| FoR Code | FoR Name | Editor of a Prestigious Work of Reference | Fellowship of a Learned Academy or Membership of AIATSIS | Membership of a Statutory Committee | Recipient of a National-Competitive Research Fellowship | Recipient of an Australia Council Grant or Fellowship | Total | % of Total |
|--|--|---|--|-------------------------------------|---|---|------------|------------|
| 1105 | Dentistry | - | 1 | - | - | 1 | 2 | 0% |
| 1107 | Immunology | - | 9 | - | - | 31 | 41 | 1% |
| 1108 | Medical Microbiology | - | 1 | - | - | 14 | 15 | 0% |
| 1109 | Neurosciences | - | 19 | - | - | 63 | 82 | 2% |
| 1112 | Oncology and Carcinogenesis | - | 2 | - | - | 14 | 16 | 0% |
| 1113 | Ophthalmology and Optometry | - | 3 | - | - | 6 | 9 | 0% |
| 1114 | Paediatrics and Reproductive Medicine | - | 4 | - | - | 31 | 35 | 1% |
| 1115 | Pharmacology and Pharmaceutical Sciences | - | 1 | - | - | 25 | 26 | 1% |
| 1116 | Medical Physiology | - | 5 | - | - | 16 | 21 | 1% |
| 11(PAH) Medical and Health Sciences | | | 21 | 332 | 117 | 471 | 12% | |
| 1104 | Complementary and Alternative Medicine | - | 0 | - | - | 11 | 11 | 0% |
| 1106 | Human Movement and Sports Science | - | 1 | - | - | 11 | 13 | 0% |
| 1110 | Nursing | - | 0 | - | - | 15 | 27 | 1% |
| 1111 | Nutrition and Dietetics | - | 1 | - | - | 6 | 11 | 0% |
| 1117 | Public Health and Health Services | - | 18 | - | - | 287 | 395 | 10% |
| 1199 | Other Medical and Health Sciences | - | 0 | - | - | 14 | 15 | 0% |
| 12(EE) Built Environment and Design | | | 0 | 0 | 1 | 1 | 0% | |
| 1202 | Building | - | 0 | - | - | 1 | 1 | 0% |
| 1204 | Engineering Design | - | 0 | - | - | 0 | 0 | 0% |
| 12(HCA) Built Environment and Design | | | 0 | 6 | 20 | 26 | 1% | |
| 1201 | Architecture | - | 0 | - | - | 3 | 10 | 0% |
| 1203 | Design Practice and Management | - | 0 | - | - | 1 | 1 | 0% |
| 1205 | Urban and Regional Planning | - | 0 | - | - | 12 | 15 | 0% |
| 1299 | Other Built Environment and Design | - | 0 | - | - | 0 | 0 | 0% |
| 13 Education | | | 0 | 22 | 37 | 60 | 1% | |
| 1301 | Education Systems | - | 0 | - | - | 10 | 13 | 0% |
| 1302 | Curriculum and Pedagogy | - | 8 | - | - | 9 | 17 | 0% |
| 1303 | Specialist Studies in Education | - | 0 | - | - | 14 | 23 | 1% |
| 1399 | Other Education | - | 2 | - | - | 5 | 7 | 0% |
| 14 Economics | | | 2 | 55 | 47 | 104 | 3% | |
| 1401 | Economic Theory | - | 0 | - | - | 8 | 13 | 0% |
| 1402 | Applied Economics | - | 1 | - | - | 32 | 71 | 2% |
| 1403 | Econometrics | - | 1 | - | - | 5 | 15 | 0% |
| 1499 | Other Economics | - | 0 | - | - | 3 | 6 | 0% |
| 15 Commerce, Management, Tourism and Services | | | 1 | 17 | 57 | 75 | 2% | |
| 1501 | Accounting, Auditing and Accountability | - | 0 | - | - | 6 | 9 | 0% |
| 1502 | Banking, Finance and Investment | - | 3 | - | - | 8 | 10 | 0% |
| 1503 | Business and Management | - | 1 | - | - | 37 | 49 | 1% |
| 1504 | Commercial Services | - | 0 | - | - | 1 | 1 | 0% |
| 1505 | Marketing | - | 0 | - | - | 3 | 3 | 0% |
| 1506 | Tourism | - | 0 | - | - | 0 | 0 | 0% |
| 1507 | Transportation and Freight Services | - | 0 | - | - | 2 | 2 | 0% |
| 1599 | Other Commerce, Management, Tourism and Services | - | 0 | - | - | 0 | 0 | 0% |
| 16 Studies in Human Society | | | 9 | 125 | 141 | 275 | 7% | |
| 1601 | Anthropology | - | 0 | - | - | 27 | 60 | 1% |
| 1602 | Criminology | - | 0 | - | - | 17 | 20 | 1% |
| 1603 | Demography | - | 0 | - | - | 5 | 7 | 0% |
| 1604 | Human Geography | - | 0 | - | - | 10 | 20 | 0% |

ESTEEM (CONT.)

| FoR Code | FoR Name | Editor of a Prestigious Work of Reference | Fellowship of a Learned Academy or Membership of AIATSIS | Membership of a Statutory Committee | Recipient of a National-Competitive Research Fellowship | Recipient of an Australia Council Grant or Fellowship | Total | % of Total |
|--------------|---|---|--|-------------------------------------|---|---|--------------|------------|
| 1605 | Policy and Administration | 2 | 16 | - | 15 | - | 32 | 1% |
| 1606 | Political Science | 6 | 27 | - | 22 | - | 55 | 1% |
| 1607 | Social Work | 0 | 1 | - | 12 | - | 13 | 0% |
| 1608 | Sociology | 0 | 25 | - | 24 | - | 50 | 1% |
| 1699 | Other Studies in Human Society | 1 | 9 | - | 9 | - | 18 | 0% |
| 17 | Psychology and Cognitive Sciences | 1 | 40 | - | 102 | - | 143 | 4% |
| 1701 | Psychology | 1 | 31 | - | 81 | - | 114 | 3% |
| 1702 | Cognitive Sciences | 0 | 8 | - | 21 | - | 29 | 1% |
| 1799 | Other Psychology and Cognitive Sciences | 0 | 1 | - | 0 | - | 1 | 0% |
| 18 | Law and Legal Studies | 1 | 25 | - | 29 | - | 54 | 1% |
| 1801 | Law | 1 | 25 | - | 28 | - | 54 | 1% |
| 1802 | Maori Law | 0 | 0 | - | 0 | - | 0 | 0% |
| 1899 | Other Law and Legal Studies | 0 | 0 | - | 0 | - | 0 | 0% |
| 19 | Studies in Creative Arts and Writing | 1 | 33 | - | 36 | 75 | 145 | 4% |
| 1901 | Art Theory and Criticism | 0 | 8 | - | 7 | 3 | 18 | 0% |
| 1902 | Film, Television and Digital Media | 0 | 4 | - | 6 | 8 | 18 | 0% |
| 1903 | Journalism and Professional Writing | 0 | 0 | - | 1 | 0 | 1 | 0% |
| 1904 | Performing Arts and Creative Writing | 1 | 19 | - | 13 | 29 | 62 | 2% |
| 1905 | Visual Arts and Crafts | 0 | 0 | - | 9 | 36 | 45 | 1% |
| 1999 | Other Studies in Creative Arts and Writing | 0 | 1 | - | 0 | 1 | 2 | 0% |
| 20 | Language, Communication and Culture | 4 | 107 | - | 71 | - | 183 | 5% |
| 2001 | Communication and Media Studies | 0 | 6 | - | 8 | - | 14 | 0% |
| 2002 | Cultural Studies | 0 | 20 | - | 27 | - | 47 | 1% |
| 2003 | Language Studies | 0 | 7 | - | 2 | - | 8 | 0% |
| 2004 | Linguistics | 1 | 33 | - | 13 | - | 47 | 1% |
| 2005 | Literary Studies | 3 | 40 | - | 21 | - | 64 | 2% |
| 2099 | Other Language, Communication and Culture | 0 | 2 | - | 0 | - | 3 | 0% |
| 21 | History and Archaeology | 8 | 145 | - | 90 | - | 242 | 6% |
| 2101 | Archaeology | 1 | 25 | - | 36 | - | 62 | 2% |
| 2102 | Curatorial and Related Studies | 0 | 1 | - | 2 | - | 3 | 0% |
| 2103 | Historical Studies | 7 | 118 | - | 52 | - | 176 | 4% |
| 2199 | Other History and Archaeology | 0 | 1 | - | 0 | - | 1 | 0% |
| 22 | Philosophy and Religious Studies | 7 | 59 | - | 36 | - | 102 | 3% |
| 2201 | Applied Ethics | 0 | 3 | - | 3 | - | 6 | 0% |
| 2202 | History and Philosophy of Specific Fields | 2 | 14 | - | 10 | - | 25 | 1% |
| 2203 | Philosophy | 5 | 29 | - | 20 | - | 55 | 1% |
| 2204 | Religion and Religious Studies | 0 | 13 | - | 3 | - | 15 | 0% |
| 2299 | Other Philosophy and Religious Studies | 0 | 0 | - | 0 | - | 0 | 0% |
| Total | | 34 | 1,038 | 332 | 2,566 | 75 | 4,045 | |

A microscopic view of cells, likely from a tissue sample, is shown in shades of blue. The cells are irregular in shape and some have distinct nuclei. Overlaid on this image are several large, semi-transparent, overlapping circular shapes in various shades of blue, creating a layered effect. A vertical grey bar is positioned on the left side of the page.

SECTION 4

ERA 2010 Institution Report

SECTION 4: ERA 2010 INSTITUTION REPORT

Section 4 provides the ERA ratings for the 41 eligible institutions the ERA rating for each two-digit and four-digit FoR code. Please refer to **Appendix 1** for a list of eligible institutions.

The table shows the ratings for assessed UoEs. The UoE must meet the relevant Low Volume Threshold for assessment to occur. Where the institution does not meet the low volume threshold, 'n/a' (i.e. not assessed) is shown in the table.

The ERA 2010 Rating Scale is available on Page 5 of this report.

01 MATHEMATICAL SCIENCES

| Institution | 01 Mathematical Sciences | 0101 Pure Mathematics | 0102 Applied Mathematics | 0103 Numerical and Computational Mathematics | 0104 Statistics | 0105 Mathematical Physics | 0199 Other Mathematical Sciences |
|---|--------------------------|-----------------------|--------------------------|--|-----------------|---------------------------|----------------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 4 | 5 | 4 | n/a | 3 | 5 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | 3 | n/a | 3 | 3 | 2 | n/a | n/a |
| Deakin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Griffith University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| James Cook University | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | 2 | 2 | 3 | n/a | n/a | n/a | n/a |
| Macquarie University | 2 | 3 | n/a | n/a | 2 | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 3 | 3 | 4 | n/a | 2 | n/a | n/a |
| Murdoch University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 4 | n/a | 4 | 3 | 3 | n/a | n/a |
| RMIT University | 2 | n/a | 3 | n/a | n/a | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 3 | 4 | 3 | n/a | 3 | n/a | n/a |
| University of Ballarat | 2 | 2 | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | 4 | 4 | n/a | 4 | 5 | n/a |
| University of New England | 4 | 4 | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 4 | 3 | 4 | 5 | 3 | 4 | n/a |
| University of Newcastle | 3 | 3 | 5 | n/a | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 3 | 4 | 5 | 5 | 4 | n/a |
| University of South Australia | 3 | 3 | 3 | n/a | n/a | n/a | n/a |
| University of Southern Queensland | 3 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 5 | 4 | 4 | 3 | 3 | 5 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | 2 | n/a | n/a | n/a | n/a | n/a |
| University of Technology, Sydney | 3 | n/a | 3 | n/a | n/a | 4 | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 4 | 5 | 4 | n/a | 3 | n/a | n/a |
| University of Western Sydney | 3 | 3 | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 3 | 3 | 3 | 3 | 2 | n/a | n/a |
| Victoria University | 2 | 1 | 3 | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 24 | 18 | 17 | 5 | 12 | 6 | 0 |

02 PHYSICAL SCIENCES

| Institution | 02 Physical Sciences | 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 |
|---|----------------------|--------------------------------------|--|------------------------|-------------------------------|----------------------|----------------------|------------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 4 |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | 2 | 2 | 2 | n/a | 3 | n/a | n/a | n/a |
| Deakin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | 2 | n/a | 2 | n/a | n/a | n/a | n/a | n/a |
| Griffith University | 5 | n/a | n/a | n/a | 4 | 3 | 5 | n/a |
| James Cook University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | 3 | n/a | n/a | n/a | 5 | n/a | n/a | n/a |
| Macquarie University | 5 | 4 | 3 | n/a | 4 | 4 | 5 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 5 | 2 | n/a | 2 | 3 | n/a | 4 |
| Murdoch University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| RMIT University | 3 | n/a | n/a | n/a | 3 | n/a | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 5 | 5 | 3 | n/a | n/a | 4 | n/a | n/a |
| University of Adelaide | 5 | 5 | 4 | n/a | n/a | 5 | 3 | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | 5 | 4 | n/a | 5 | 5 | 5 | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 4 | 4 | 3 | n/a | 4 | 3 | n/a | n/a |
| University of Newcastle | 3 | 2 | n/a | n/a | 3 | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 5 | 5 | n/a | n/a | 4 | 4 | 5 | n/a |
| University of South Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 5 | 4 | 4 | n/a | 4 | 5 | 5 | 3 |
| University of Tasmania (inc. Australian Maritime College) | 4 | 4 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Technology, Sydney | 3 | n/a | n/a | n/a | 2 | 3 | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 3 | 4 | 2 | n/a | 2 | 4 | 3 | 3 |
| University of Western Sydney | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 3 | n/a | n/a | n/a | 4 | 4 | n/a | 4 |
| Victoria University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 24 | 13 | 11 | 1 | 15 | 12 | 8 | 5 |

03 CHEMICAL SCIENCES

| Institution | 03 Chemical Sciences | 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 |
|---|----------------------|---------------------------|--------------------------|---|---|------------------------|--|--|------------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 4 | n/a | 3 | n/a | n/a | n/a | 3 | 5 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | 3 | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | 4 | 5 | n/a | n/a | n/a | n/a | 4 | n/a | n/a |
| Deakin University | 3 | 4 | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | 3 | n/a | n/a | n/a | n/a | 2 | 3 | n/a | n/a |
| Griffith University | 3 | n/a | n/a | n/a | 3 | 2 | 2 | n/a | n/a |
| James Cook University | 3 | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | 3 | 3 | n/a | n/a | n/a | n/a | 3 | n/a | n/a |
| Macquarie University | 3 | 4 | n/a | n/a | n/a | n/a | 3 | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 4 | 3 | 5 | 4 | 4 | 4 | n/a | n/a |
| Murdoch University | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 4 | 3 | 2 | 2 | n/a | n/a | 5 | n/a | n/a |
| RMIT University | 3 | 3 | n/a | 3 | n/a | n/a | 3 | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 3 | 2 | 3 | n/a | 3 | 3 | 3 | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 4 | 3 | 4 | 5 | 3 | 3 | 5 | 3 | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 4 | 5 | 3 | 5 | 4 | 3 | 3 | n/a | n/a |
| University of Newcastle | 3 | n/a | n/a | 3 | n/a | n/a | 4 | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 5 | 3 | 2 | 5 | 5 | 3 | 3 | 5 | n/a |
| University of South Australia | 5 | 2 | n/a | n/a | n/a | n/a | 5 | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 3 | 3 | 3 | 5 | 3 | 3 | 4 | 5 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 4 | 5 | 4 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Technology, Sydney | 3 | n/a | n/a | n/a | n/a | n/a | 3 | n/a | 2 |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 3 | n/a | 2 | 3 | 4 | 3 | 3 | n/a | 3 |
| University of Western Sydney | 3 | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 4 | 4 | n/a | 5 | 3 | 3 | 4 | n/a | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 26 | 17 | 12 | 10 | 9 | 11 | 21 | 4 | 2 |

04 EARTH SCIENCES

| Institution | 04 Earth Sciences | 0401 Atmospheric Sciences | 0402 Geochemistry | 0403 Geology | 0404 Geophysics | 0405 Oceanography | 0406 Physical Geography and Environmental Geoscience | 0499 Other Earth Sciences |
|---|-------------------|---------------------------|-------------------|--------------|-----------------|-------------------|--|---------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 5 | n/a | 5 | 5 | 3 | 5 | 5 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | 5 | n/a | 4 | 5 | 3 | n/a | n/a | n/a |
| Deakin University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | 3 | n/a | n/a | n/a | n/a | 2 | n/a | n/a |
| Griffith University | 4 | n/a | n/a | n/a | n/a | 4 | 4 | n/a |
| James Cook University | 4 | n/a | 4 | 4 | n/a | 3 | 3 | n/a |
| La Trobe University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Macquarie University | 5 | n/a | 5 | 5 | n/a | n/a | 5 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 5 | n/a | 4 | 4 | n/a | 4 | n/a |
| Murdoch University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 3 | n/a | n/a | n/a | 3 | n/a | n/a | n/a |
| RMIT University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | 4 | n/a | 5 | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 5 | n/a | n/a | 5 | 3 | n/a | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | 4 | 4 | 5 | 4 | n/a | 4 | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 4 | 4 | n/a | 4 | 3 | 3 | 3 | n/a |
| University of Newcastle | 3 | n/a | n/a | 3 | n/a | n/a | 4 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 3 | n/a | 3 | 3 | 3 | 4 | 3 | n/a |
| University of South Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 4 | n/a | n/a | 4 | n/a | n/a | 3 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 4 | n/a | 3 | 4 | 3 | 5 | 3 | n/a |
| University of Technology, Sydney | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 5 | n/a | 4 | 5 | 5 | 3 | 3 | n/a |
| University of Western Sydney | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 4 | n/a | n/a | 3 | n/a | n/a | 4 | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 21 | 3 | 9 | 15 | 9 | 8 | 13 | 0 |

05 ENVIRONMENTAL SCIENCES

| Institution | 05 Environmental Sciences | 0501 Ecological Applications | 0502 Environmental Science and Management | 0503 Soil Sciences | 0599 Other Environmental Sciences |
|---|---------------------------|------------------------------|---|--------------------|-----------------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 4 | 5 | 4 | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | 1 | n/a | n/a | n/a | n/a |
| Charles Darwin University | 3 | n/a | 4 | n/a | n/a |
| Charles Sturt University | 3 | n/a | 4 | n/a | n/a |
| Curtin University of Technology | 2 | n/a | 2 | n/a | n/a |
| Deakin University | 3 | n/a | 3 | n/a | n/a |
| Edith Cowan University | 3 | n/a | 2 | n/a | n/a |
| Flinders University | n/a | n/a | n/a | n/a | n/a |
| Griffith University | 3 | n/a | 3 | 4 | n/a |
| James Cook University | 5 | n/a | 5 | n/a | n/a |
| La Trobe University | 3 | n/a | n/a | 4 | n/a |
| Macquarie University | 5 | n/a | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a |
| Monash University | n/a | n/a | n/a | n/a | n/a |
| Murdoch University | 2 | n/a | 2 | n/a | n/a |
| Queensland University of Technology | 3 | n/a | n/a | n/a | n/a |
| RMIT University | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | 2 | n/a | 2 | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 5 | n/a | 4 | 5 | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | 4 | n/a | 4 | n/a | n/a |
| University of Melbourne | 3 | n/a | 3 | n/a | n/a |
| University of New England | 3 | n/a | n/a | n/a | n/a |
| University of New South Wales | 3 | n/a | 3 | n/a | n/a |
| University of Newcastle | n/a | n/a | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 5 | 5 | 4 | 4 | n/a |
| University of South Australia | 4 | n/a | 4 | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 4 | n/a | 3 | 5 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | 2 | 3 | n/a | n/a |
| University of Technology, Sydney | n/a | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 4 | n/a | 3 | 4 | n/a |
| University of Western Sydney | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 2 | 3 | n/a | n/a | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 25 | 5 | 19 | 6 | 0 |

06 BIOLOGICAL SCIENCES

| Institution | 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 |
|---|------------------------|------------------------------------|--------------|---------------------------|---------------|-------------------|-----------------|--------------------|--------------|--------------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 5 | 3 | 5 | 5 | 5 | 4 | n/a | 5 | 5 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | 3 | n/a | 2 | n/a | n/a | 3 | n/a | n/a | 4 | n/a |
| Charles Sturt University | 3 | n/a | n/a | n/a | n/a | 1 | n/a | 3 | 2 | n/a |
| Curtin University of Technology | 2 | 1 | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Deakin University | 3 | 3 | 3 | n/a | n/a | n/a | n/a | n/a | 5 | n/a |
| Edith Cowan University | 2 | n/a | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | 3 | 2 | 2 | n/a | n/a | 2 | n/a | n/a | 3 | n/a |
| Griffith University | 3 | 2 | 3 | n/a | 3 | 4 | n/a | n/a | 2 | n/a |
| James Cook University | 4 | 3 | 4 | 4 | 3 | 2 | n/a | 4 | 4 | n/a |
| La Trobe University | 5 | 5 | 3 | n/a | 3 | 4 | 3 | 4 | 2 | n/a |
| Macquarie University | 5 | 3 | 5 | 5 | 5 | 5 | n/a | 5 | 5 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 5 | 4 | 5 | 5 | 4 | 4 | 3 | 4 | 3 | n/a |
| Murdoch University | 3 | n/a | 3 | n/a | 3 | 2 | n/a | 3 | 4 | n/a |
| Queensland University of Technology | 3 | 3 | n/a | n/a | n/a | 3 | n/a | n/a | n/a | n/a |
| RMIT University | 2 | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 4 | 4 | 4 | 5 | 4 | 3 | 3 | 5 | 3 | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | 4 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | n/a |
| University of New England | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 5 | 4 | 4 | 5 | 4 | 4 | n/a | 3 | n/a | n/a |
| University of Newcastle | 4 | 4 | n/a | n/a | n/a | n/a | n/a | 5 | 3 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 5 | 4 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | n/a |
| University of South Australia | 2 | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 3 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | 3 | 2 | 3 | 3 | 2 | n/a | 4 | 2 | n/a |
| University of Technology, Sydney | 3 | 3 | 3 | n/a | n/a | 4 | n/a | 3 | n/a | n/a |
| University of the Sunshine Coast | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 5 | 3 | 5 | 4 | 3 | 2 | 2 | 5 | 3 | n/a |
| University of Western Sydney | 3 | 2 | n/a | n/a | n/a | 3 | n/a | 5 | n/a | n/a |
| University of Wollongong | 3 | 2 | 2 | n/a | n/a | n/a | n/a | n/a | 4 | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 34 | 23 | 21 | 11 | 14 | 20 | 7 | 17 | 19 | 0 |

07 AGRICULTURAL AND VETERINARY SCIENCES

| Institution | 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 |
|---|---|--|------------------------|----------------------------------|-------------------------|------------------------|-------------------------------|--------------------------|---|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 3 | n/a | n/a | n/a | n/a | 4 | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | 3 | n/a | n/a | 4 | n/a | n/a | n/a | 2 | n/a |
| Curtin University of Technology | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Deakin University | 3 | n/a | n/a | n/a | 4 | n/a | n/a | n/a | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Griffith University | 4 | n/a | n/a | n/a | 4 | n/a | n/a | n/a | n/a |
| James Cook University | 3 | n/a | n/a | n/a | 5 | n/a | n/a | 2 | n/a |
| La Trobe University | 3 | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a |
| Macquarie University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Murdoch University | 4 | n/a | 4 | 5 | 4 | n/a | n/a | 3 | n/a |
| Queensland University of Technology | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| RMIT University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | 3 | n/a | n/a | n/a | n/a | 3 | n/a | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 5 | n/a | 4 | 5 | n/a | n/a | 5 | 3 | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 3 | n/a | 3 | 4 | n/a | 4 | n/a | 3 | n/a |
| University of New England | 3 | n/a | 4 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Newcastle | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 3 | n/a | 3 | 4 | n/a | n/a | 4 | 3 | n/a |
| University of South Australia | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 3 | n/a | 4 | 5 | n/a | n/a | n/a | 2 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 4 | n/a | 4 | 3 | 4 | 3 | 5 | n/a | n/a |
| University of Technology, Sydney | 5 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 5 | n/a | n/a | 4 | n/a | n/a | n/a | 2 | n/a |
| University of Western Sydney | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 25 | 0 | 7 | 9 | 5 | 4 | 3 | 8 | 0 |

08 INFORMATION AND COMPUTING SCIENCES

| Institution | 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 |
|---|---------------------------------------|---|---|------------------------|------------------|----------------------------|--------------------------|--------------------------------------|---|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 5 | 5 | 3 | n/a | n/a | n/a | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | 2 | n/a |
| Curtin University of Technology | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Deakin University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Edith Cowan University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Griffith University | 3 | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| James Cook University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Macquarie University | 3 | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 3 | 3 | n/a | n/a | n/a | n/a | 3 | n/a | n/a |
| Murdoch University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 4 | n/a | n/a | n/a | n/a | n/a | 5 | 4 | n/a |
| RMIT University | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 3 | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 4 | 3 | n/a | n/a | n/a | n/a | 4 | n/a | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 4 | 3 | n/a | 4 | n/a | 4 | 3 | 4 | n/a |
| University of Newcastle | 2 | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 3 | 3 | n/a | n/a | n/a | n/a | 4 | n/a | n/a |
| University of South Australia | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 4 | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Tasmania (inc. Australian Maritime College) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Technology, Sydney | 3 | 2 | n/a | n/a | n/a | n/a | 3 | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Sydney | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Victoria University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 24 | 9 | 3 | 1 | 0 | 1 | 6 | 3 | 0 |

Note: The number of assessed UoEs for Information and Computing Sciences (08) is low relative to the number of research outputs. This reflects the fact that the volume threshold was based on journal articles rather than conference papers.

09 ENGINEERING

| Institution | 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 | Materials Engineering | 0913 Mechanical Engineering | 0914 Extractive Metallurgy and Resources Engineering | 0915 Interdisciplinary Engineering | 0999 Other Engineering |
|---|----------------|----------------------------|-----------------------------|-----------------------------|---------------------------|------------------------|--|--------------------------------|--------------------|---------------------------|--------------------------------|---------------------------|-----------------------|-----------------------------|--|------------------------------------|------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 4 | n/a | n/a | n/a | n/a | n/a | 5 | n/a | n/a | n/a | n/a | n/a | 4 | n/a | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | 3 | n/a | n/a | n/a | n/a | n/a | 3 | n/a | n/a | 2 | n/a | n/a | 2 | n/a | n/a | n/a | n/a |
| Deakin University | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 4 | n/a | 5 | 3 | n/a | n/a | n/a |
| Edith Cowan University | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Griffith University | 2 | n/a | n/a | n/a | n/a | n/a | 3 | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| James Cook University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 3 | n/a | n/a | n/a | n/a |
| La Trobe University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Macquarie University | 3 | n/a | n/a | n/a | n/a | n/a | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 5 | n/a | n/a | n/a | n/a | 4 | 4 | n/a | n/a | n/a | n/a | n/a | 5 | 5 | n/a | 4 | n/a |
| Murdoch University | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 3 | n/a | n/a | n/a | 3 | 2 | 3 | 4 | n/a | n/a | n/a | n/a | 3 | 3 | n/a | n/a | n/a |
| RMIT University | 3 | n/a | n/a | n/a | 2 | 3 | 3 | n/a | 3 | n/a | n/a | n/a | n/a | 4 | n/a | n/a | n/a |
| Southern Cross University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 3 | n/a | n/a | n/a | n/a |
| University of Adelaide | 3 | n/a | n/a | n/a | 2 | 4 | 3 | n/a | n/a | n/a | n/a | n/a | n/a | 3 | n/a | n/a | n/a |
| University of Ballarat | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | n/a | n/a | 3 | 4 | 4 | 5 | n/a | n/a | 3 | n/a | n/a | 4 | 4 | 5 | 5 | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 4 | n/a | n/a | n/a | 4 | 5 | 5 | n/a | n/a | 3 | n/a | n/a | n/a | 3 | 4 | n/a | n/a |
| University of Newcastle | 4 | n/a | n/a | n/a | 3 | 5 | 5 | n/a | n/a | n/a | n/a | n/a | 2 | 3 | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 5 | n/a | n/a | n/a | 4 | 4 | 4 | 5 | 4 | n/a | n/a | n/a | 5 | 5 | n/a | n/a | n/a |
| University of South Australia | 3 | n/a | n/a | n/a | 3 | 3 | 4 | n/a | n/a | n/a | n/a | n/a | 4 | n/a | 4 | n/a | n/a |
| University of Southern Queensland | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 2 | n/a | n/a | n/a | n/a |
| University of Sydney | 4 | 5 | n/a | 3 | 3 | 4 | 4 | n/a | n/a | n/a | n/a | n/a | 4 | n/a | 4 | n/a | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Technology, Sydney | 2 | n/a | n/a | n/a | 2 | 2 | 2 | n/a | n/a | n/a | n/a | n/a | 3 | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 3 | n/a | n/a | n/a | 3 | 2 | 4 | 4 | n/a | n/a | n/a | n/a | 3 | 4 | n/a | n/a | n/a |
| University of Western Sydney | 3 | n/a | n/a | n/a | n/a | n/a | 4 | n/a | n/a | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 4 | n/a | n/a | n/a | n/a | 4 | 3 | n/a | n/a | n/a | 4 | n/a | 4 | 4 | 3 | 5 | n/a |
| Victoria University | 3 | n/a | n/a | n/a | n/a | n/a | 4 | n/a | n/a | 4 | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 31 | 1 | 0 | 8 | 14 | 15 | 18 | 5 | 4 | 3 | 2 | 0 | 18 | 12 | 7 | 4 | 0 |

10 (BB) TECHNOLOGY

| Institution | 10 Technology | 1001 Agricultural Biotechnology | 1002 Environmental Biotechnology | 1003 Industrial Biotechnology | 1004 Medical Biotechnology |
|---|---------------|---------------------------------|----------------------------------|-------------------------------|----------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a |
| Australian National University | n/a | n/a | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | n/a | n/a | n/a | n/a | n/a |
| Deakin University | n/a | n/a | n/a | n/a | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a |
| Flinders University | n/a | n/a | n/a | n/a | n/a |
| Griffith University | n/a | n/a | n/a | n/a | n/a |
| James Cook University | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | n/a | n/a | n/a | n/a | n/a |
| Macquarie University | n/a | n/a | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a |
| Melbourne University | n/a | n/a | n/a | n/a | n/a |
| Monash University | n/a | n/a | n/a | n/a | n/a |
| Murdoch University | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | n/a | n/a | n/a | n/a | n/a |
| RMIT University | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | n/a | n/a | n/a | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | n/a | n/a | n/a | n/a | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | n/a | n/a | n/a | n/a | n/a |
| University of Newcastle | n/a | n/a | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 5 | n/a | 5 | 5 | n/a |
| University of South Australia | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | n/a | n/a | n/a | n/a | n/a |
| University of Tasmania (inc. Australian Maritime College) | n/a | n/a | n/a | n/a | n/a |
| University of Technology, Sydney | n/a | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | n/a | n/a | n/a | n/a | n/a |
| University of Western Sydney | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | n/a | n/a | n/a | n/a | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 1 | 0 | 1 | 1 | 0 |

10 (MIC) TECHNOLOGY

| Institution | 10 Technology | 1005 Communications Technologies | 1006 Computer Hardware | 1007 Nanotechnology | 1099 Other Technology |
|---|---------------|----------------------------------|------------------------|---------------------|-----------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a |
| Australian National University | n/a | n/a | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | n/a | n/a | n/a | n/a | n/a |
| Deakin University | 1 | n/a | n/a | 2 | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a |
| Flinders University | n/a | n/a | n/a | n/a | n/a |
| Griffith University | n/a | n/a | n/a | n/a | n/a |
| James Cook University | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | n/a | n/a | n/a | n/a | n/a |
| Macquarie University | n/a | n/a | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a |
| Monash University | 2 | n/a | n/a | 5 | n/a |
| Murdoch University | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | n/a | n/a | n/a | n/a | n/a |
| RMIT University | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | n/a | n/a | n/a | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | n/a | n/a | n/a | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | n/a | n/a | n/a | n/a | n/a |
| University of Newcastle | n/a | n/a | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | n/a | n/a | 5 | n/a |
| University of South Australia | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 3 | n/a | n/a | 4 | n/a |
| University of Tasmania (inc. Australian Maritime College) | n/a | n/a | n/a | n/a | n/a |
| University of Technology, Sydney | n/a | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | n/a | n/a | n/a | n/a | n/a |
| University of Western Sydney | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 1 | n/a | n/a | n/a | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 6 | 2 | 0 | 4 | 0 |

Note: The number of assessed UoEs for Information and 10(MIC) Technology is low relative to the number of research outputs. This reflects the fact that the volume threshold was based on journal articles rather than conference papers.

11 (BCH) MEDICAL AND HEALTH SCIENCES

| Institution | 11 Medical and Health Sciences | 1101 Medical Biochemistry and Metabolomics | 1102 Cardiovascular Medicine and Haematology | 1103 Clinical Sciences | 1105 Dentistry | 1107 Immunology | 1108 Medical Microbiology | 1109 Neurosciences | 1112 Oncology and Carcinogenesis | 1113 Ophthalmology and Optometry | 1114 Paediatrics and Reproductive Medicine | 1115 Pharmacology and Pharmaceutical Sciences | 1116 Medical Physiology |
|---|--------------------------------|--|--|------------------------|----------------|-----------------|---------------------------|--------------------|----------------------------------|----------------------------------|--|---|-------------------------|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 5 | n/a | n/a | 4 | n/a | 5 | n/a | 4 | 5 | n/a | n/a | n/a | 5 |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | 3 | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | 3 | n/a | n/a | 4 | n/a | n/a | n/a | 4 | n/a | n/a | n/a | 2 | n/a |
| Charles Sturt University | 1 | n/a | n/a | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1 | n/a |
| Curtin University of Technology | 2 | n/a | n/a | 2 | n/a | n/a | 4 | n/a | n/a | n/a | 2 | 2 | n/a |
| Deakin University | 4 | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a | 4 | 4 | 5 |
| Edith Cowan University | 3 | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Flinders University | 3 | n/a | 4 | 3 | n/a | n/a | n/a | 3 | 4 | 4 | 2 | 5 | 4 |
| Griffith University | 3 | n/a | 2 | 3 | 5 | n/a | 3 | 3 | 2 | n/a | n/a | 3 | n/a |
| James Cook University | 2 | n/a | n/a | 1 | n/a | 3 | n/a | 3 | n/a | n/a | 1 | 2 | n/a |
| La Trobe University | 2 | n/a | n/a | 2 | n/a | n/a | n/a | 3 | n/a | n/a | 1 | n/a | n/a |
| Macquarie University | 2 | n/a | n/a | 2 | n/a | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 5 | n/a | 5 | 5 | n/a | 5 | 5 | 5 | 5 | n/a | 4 | 5 | 5 |
| Murdoch University | 5 | n/a | n/a | 4 | n/a | 5 | 5 | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 3 | n/a | n/a | 4 | n/a | n/a | n/a | n/a | 3 | 2 | n/a | 1 | n/a |
| RMIT University | 4 | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 4 | n/a |
| Southern Cross University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 3 | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 5 | n/a | 5 | 4 | 4 | 4 | 5 | 3 | 5 | 1 | 5 | 4 | 5 |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 5 |
| University of New England | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 5 | n/a | 5 | 5 | n/a | 5 | 3 | 4 | 4 | 3 | 1 | 4 | 4 |
| University of Newcastle | 4 | n/a | 5 | 3 | n/a | 5 | 1 | 3 | 5 | n/a | 3 | 4 | 3 |
| University of Notre Dame Australia | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 5 | 3 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | n/a | 4 | 4 | 3 |
| University of South Australia | 3 | n/a | n/a | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 4 | 3 |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 5 | 4 | 5 | 5 | 3 | 4 | 4 | 4 | 5 | 5 | 2 | 3 | 4 |
| University of Tasmania (inc. Australian Maritime College) | 3 | n/a | 3 | 4 | n/a | n/a | n/a | 3 | n/a | n/a | n/a | 3 | n/a |
| University of Technology, Sydney | 2 | n/a | n/a | 3 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 5 | 3 | 5 | 4 | 2 | 5 | 3 | 5 | 5 | 3 | 3 | 5 | 5 |
| University of Western Sydney | 2 | n/a | n/a | 2 | n/a | n/a | n/a | 2 | n/a | n/a | n/a | n/a | n/a |
| University of Wollongong | 3 | n/a | n/a | 3 | n/a | n/a | n/a | 1 | n/a | n/a | n/a | n/a | n/a |
| Victoria University | 3 | n/a | n/a | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 35 | 4 | 11 | 30 | 6 | 11 | 12 | 17 | 12 | 7 | 14 | 19 | 12 |

11 (PAH) MEDICAL AND HEALTH SCIENCES

| Institution | 11 Medical and Health Sciences | 1104 Complementary and Alternative Medicine | 1106 Human Movement and Sports Science | 1110 Nursing | 1111 Nutrition and Dietetics | 1117 Public Health and Health Services | 1199 Other Medical and Health Sciences |
|---|--------------------------------|---|--|--------------|------------------------------|--|--|
| Australian Catholic University | 3 | n/a | n/a | 3 | n/a | n/a | n/a |
| Australian National University | 5 | n/a | n/a | n/a | n/a | 5 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | 2 | n/a | n/a | n/a | n/a | 2 | n/a |
| Central Queensland University | 3 | n/a | n/a | 3 | n/a | 2 | n/a |
| Charles Darwin University | 3 | n/a | n/a | n/a | n/a | 3 | n/a |
| Charles Sturt University | 1 | n/a | n/a | 2 | n/a | n/a | n/a |
| Curtin University of Technology | 2 | n/a | 3 | 3 | 2 | 1 | n/a |
| Deakin University | 4 | n/a | 5 | 4 | 4 | 3 | n/a |
| Edith Cowan University | 3 | n/a | 2 | 4 | n/a | 1 | n/a |
| Flinders University | 2 | n/a | n/a | 3 | 2 | 2 | n/a |
| Griffith University | 3 | n/a | 3 | 4 | n/a | 1 | n/a |
| James Cook University | 1 | n/a | n/a | 3 | n/a | 1 | n/a |
| La Trobe University | 2 | n/a | 5 | 3 | n/a | 1 | n/a |
| Macquarie University | 3 | n/a | n/a | n/a | n/a | 2 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 2 | n/a | 4 | 3 | 2 | 2 | n/a |
| Murdoch University | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 4 | n/a | 4 | 5 | 3 | 3 | n/a |
| RMIT University | 3 | n/a | 5 | n/a | n/a | n/a | n/a |
| Southern Cross University | 2 | n/a | n/a | 3 | n/a | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 4 | n/a | n/a | 5 | 5 | 3 | n/a |
| University of Ballarat | 3 | n/a | 3 | n/a | n/a | n/a | n/a |
| University of Canberra | 1 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 4 | n/a | 5 | 5 | 3 | 4 | n/a |
| University of New England | 1 | n/a | n/a | n/a | n/a | 1 | n/a |
| University of New South Wales | 3 | n/a | 5 | n/a | n/a | 3 | n/a |
| University of Newcastle | 3 | n/a | 3 | 3 | 2 | 3 | n/a |
| University of Notre Dame Australia | 1 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | n/a | 4 | 4 | 2 | 4 | n/a |
| University of South Australia | 3 | n/a | 2 | 4 | 4 | 3 | n/a |
| University of Southern Queensland | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 4 | n/a | 4 | 2 | 5 | 4 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 2 | n/a | 3 | 3 | n/a | 1 | n/a |
| University of Technology, Sydney | 3 | n/a | n/a | 4 | n/a | 2 | n/a |
| University of the Sunshine Coast | 1 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 4 | n/a | 4 | n/a | 3 | 4 | n/a |
| University of Western Sydney | 3 | n/a | n/a | 3 | n/a | 1 | n/a |
| University of Wollongong | 3 | n/a | 3 | n/a | 3 | 1 | n/a |
| Victoria University | 2 | n/a | 3 | 2 | n/a | n/a | n/a |
| Total UoEs evaluated | 38 | 0 | 19 | 23 | 13 | 27 | 0 |

12 (EE) BUILT ENVIRONMENT AND DESIGN

| Institution | 12 Built Environment and Design | 1202 Building | 1204 Engineering Design |
|---|---------------------------------|---------------|-------------------------|
| Australian Catholic University | n/a | n/a | n/a |
| Australian National University | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a |
| Bond University | 2 | 2 | n/a |
| Central Queensland University | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a |
| Curtin University of Technology | 2 | 2 | n/a |
| Deakin University | 2 | 2 | n/a |
| Edith Cowan University | n/a | n/a | n/a |
| Flinders University | n/a | n/a | n/a |
| Griffith University | 2 | 2 | n/a |
| James Cook University | n/a | n/a | n/a |
| La Trobe University | n/a | n/a | n/a |
| Macquarie University | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a |
| Monash University | n/a | n/a | n/a |
| Murdoch University | n/a | n/a | n/a |
| Queensland University of Technology | 4 | 4 | n/a |
| RMIT University | 3 | 3 | n/a |
| Southern Cross University | n/a | n/a | n/a |
| Swinburne University of Technology | n/a | n/a | n/a |
| University of Adelaide | n/a | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a |
| University of Melbourne | 3 | 3 | n/a |
| University of New England | n/a | n/a | n/a |
| University of New South Wales | 4 | 4 | n/a |
| University of Newcastle | 2 | 2 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a |
| University of Queensland | n/a | n/a | n/a |
| University of South Australia | n/a | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a |
| University of Sydney | 3 | 3 | n/a |
| University of Tasmania (inc. Australian Maritime College) | n/a | n/a | n/a |
| University of Technology, Sydney | 2 | 2 | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a |
| University of Western Australia | n/a | n/a | n/a |
| University of Western Sydney | 1 | n/a | n/a |
| University of Wollongong | n/a | n/a | n/a |
| Victoria University | n/a | n/a | n/a |
| Total UoEs evaluated | 12 | 11 | 0 |

12 (HCA) BUILT ENVIRONMENT AND DESIGN

| Institution | 12 Built Environment and Design | 1201 Architecture | 1203 Design Practice and Management | 1205 Urban and Regional Planning | 1299 Other Built Environment and Design |
|---|---------------------------------|-------------------|-------------------------------------|----------------------------------|---|
| Australian Catholic University | n/a | n/a | n/a | n/a | n/a |
| Australian National University | n/a | n/a | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a |
| Bond University | 1 | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | n/a | n/a | n/a | n/a | n/a |
| Curtin University of Technology | 3 | 2 | 2 | 3 | n/a |
| Deakin University | 2 | 3 | n/a | 2 | n/a |
| Edith Cowan University | n/a | n/a | n/a | n/a | n/a |
| Flinders University | n/a | n/a | n/a | n/a | n/a |
| Griffith University | 3 | n/a | n/a | 4 | n/a |
| James Cook University | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | n/a | n/a | n/a | n/a | n/a |
| Macquarie University | 2 | n/a | n/a | 2 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a |
| Monash University | 2 | 3 | n/a | 2 | n/a |
| Murdoch University | n/a | n/a | n/a | n/a | n/a |
| Queensland University of Technology | 2 | 2 | 2 | 3 | n/a |
| RMIT University | 4 | 4 | 3 | 4 | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 2 | n/a | 2 | n/a | n/a |
| University of Adelaide | 2 | 3 | n/a | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | 2 | 3 | n/a | n/a | n/a |
| University of Melbourne | 4 | 4 | 2 | 4 | n/a |
| University of New England | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 3 | 3 | 3 | 4 | n/a |
| University of Newcastle | 3 | 3 | n/a | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | n/a | 4 | n/a |
| University of South Australia | 3 | 2 | n/a | 3 | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 3 | 3 | 3 | 3 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 2 | 2 | n/a | 3 | n/a |
| University of Technology, Sydney | 3 | 3 | 3 | n/a | n/a |
| University of the Sunshine Coast | 1 | n/a | n/a | n/a | n/a |
| University of Western Australia | 3 | 4 | n/a | 2 | n/a |
| University of Western Sydney | 2 | n/a | n/a | 3 | n/a |
| University of Wollongong | n/a | n/a | n/a | n/a | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 22 | 16 | 8 | 15 | 0 |

13 EDUCATION

| Institution | 13 Education | 1301 Education Systems | 1302 Curriculum and Pedagogy | 1303 Specialist Studies in Education | 1399 Other Education |
|---|--------------|------------------------|------------------------------|--------------------------------------|----------------------|
| Australian Catholic University | 2 | 2 | 3 | 2 | 1 |
| Australian National University | 3 | n/a | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a |
| Bond University | 1 | n/a | 1 | n/a | n/a |
| Central Queensland University | 1 | 1 | 2 | 1 | n/a |
| Charles Darwin University | 1 | n/a | 1 | 1 | n/a |
| Charles Sturt University | 3 | 3 | 3 | 2 | n/a |
| Curtin University of Technology | 3 | 2 | 4 | 2 | n/a |
| Deakin University | 2 | 2 | 3 | 3 | 1 |
| Edith Cowan University | 2 | 1 | 2 | 2 | 1 |
| Flinders University | 2 | 2 | 1 | 3 | n/a |
| Griffith University | 3 | 4 | 3 | 3 | n/a |
| James Cook University | 2 | 2 | 2 | 3 | n/a |
| La Trobe University | 3 | n/a | 2 | 3 | n/a |
| Macquarie University | 3 | 3 | 2 | 3 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 4 | 4 | 4 | n/a |
| Murdoch University | 2 | 1 | 2 | 3 | n/a |
| Queensland University of Technology | 4 | 3 | 4 | 3 | n/a |
| RMIT University | 2 | 2 | 2 | 3 | n/a |
| Southern Cross University | 2 | 1 | 2 | 2 | n/a |
| Swinburne University of Technology | 1 | 1 | 1 | 2 | n/a |
| University of Adelaide | 1 | n/a | 1 | 1 | n/a |
| University of Ballarat | 2 | 1 | 1 | 2 | n/a |
| University of Canberra | 1 | 2 | 1 | 1 | n/a |
| University of Melbourne | 3 | 4 | 3 | 4 | n/a |
| University of New England | 2 | 2 | 3 | 2 | n/a |
| University of New South Wales | 3 | 2 | 3 | 4 | n/a |
| University of Newcastle | 3 | 2 | 2 | 3 | n/a |
| University of Notre Dame Australia | 1 | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | 4 | 5 | n/a |
| University of South Australia | 2 | 3 | 2 | 2 | n/a |
| University of Southern Queensland | 2 | 1 | 2 | 1 | n/a |
| University of Sydney | 3 | 2 | 3 | 4 | 1 |
| University of Tasmania (inc. Australian Maritime College) | 2 | 2 | 3 | 2 | n/a |
| University of Technology, Sydney | 3 | 3 | 3 | 3 | n/a |
| University of the Sunshine Coast | 1 | 1 | 1 | 1 | n/a |
| University of Western Australia | 3 | 1 | 3 | 2 | n/a |
| University of Western Sydney | 2 | 3 | 1 | 3 | n/a |
| University of Wollongong | 1 | 1 | 2 | 2 | n/a |
| Victoria University | 1 | n/a | 2 | 2 | n/a |
| Total UoEs evaluated | 39 | 32 | 37 | 36 | 4 |

14 ECONOMICS

| Institution | 14 Economics | 1401 Economic Theory | 1402 Applied Economics | 1403 Econometrics | 1499 Other Economics |
|---|--------------|----------------------|------------------------|-------------------|----------------------|
| Australian Catholic University | 1 | n/a | n/a | n/a | n/a |
| Australian National University | 4 | 4 | 4 | 4 | 4 |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a |
| Bond University | 3 | n/a | 1 | n/a | n/a |
| Central Queensland University | 1 | n/a | 1 | n/a | n/a |
| Charles Darwin University | 3 | n/a | 2 | n/a | n/a |
| Charles Sturt University | 1 | n/a | 1 | n/a | n/a |
| Curtin University of Technology | 2 | 1 | 2 | n/a | n/a |
| Deakin University | 2 | n/a | 3 | n/a | n/a |
| Edith Cowan University | 2 | n/a | 1 | n/a | n/a |
| Flinders University | 1 | n/a | 1 | n/a | 1 |
| Griffith University | 1 | n/a | 1 | n/a | n/a |
| James Cook University | 1 | n/a | 1 | n/a | n/a |
| La Trobe University | 2 | 2 | 2 | 2 | 2 |
| Macquarie University | 2 | n/a | 1 | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 2 | 3 | 4 | n/a |
| Murdoch University | 1 | n/a | 1 | n/a | n/a |
| Queensland University of Technology | 3 | n/a | 4 | n/a | n/a |
| RMIT University | 2 | n/a | 2 | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 2 | n/a | 1 | n/a | n/a |
| University of Adelaide | 3 | n/a | 3 | n/a | n/a |
| University of Ballarat | 1 | n/a | n/a | n/a | n/a |
| University of Canberra | 1 | n/a | 1 | n/a | n/a |
| University of Melbourne | 5 | 5 | 5 | 4 | n/a |
| University of New England | 2 | n/a | 2 | n/a | n/a |
| University of New South Wales | 4 | 4 | 3 | 3 | n/a |
| University of Newcastle | 1 | n/a | 2 | n/a | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 5 | 3 | 3 | n/a |
| University of South Australia | 1 | n/a | 2 | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 3 | 5 | 3 | n/a | 1 |
| University of Tasmania (inc. Australian Maritime College) | 2 | n/a | 1 | n/a | n/a |
| University of Technology, Sydney | 4 | 2 | 5 | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 4 | n/a | 3 | n/a | 3 |
| University of Western Sydney | 1 | 1 | 1 | n/a | n/a |
| University of Wollongong | 1 | n/a | 1 | n/a | n/a |
| Victoria University | 1 | n/a | 1 | n/a | 1 |
| Total UoEs evaluated | 35 | 10 | 33 | 6 | 6 |

15 COMMERCE, MANAGEMENT, TOURISM AND SERVICES

| Institution | 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 | 1509 Other Commerce, Management, Tourism and Services |
|---|---|--|--------------------------------------|------------------------------|--------------------------|----------------|--------------|--|---|
| Australian Catholic University | 1 | n/a | n/a | 1 | n/a | n/a | n/a | n/a | n/a |
| Australian National University | 4 | 4 | 5 | 3 | n/a | 2 | n/a | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | 3 | 2 | 3 | 4 | 1 | n/a | n/a | n/a | n/a |
| Central Queensland University | 1 | n/a | n/a | 1 | n/a | 1 | n/a | n/a | n/a |
| Charles Darwin University | 1 | n/a | n/a | 1 | n/a | n/a | 1 | n/a | n/a |
| Charles Sturt University | 1 | 1 | n/a | 2 | n/a | 1 | 3 | n/a | n/a |
| Curtin University of Technology | 2 | 1 | 1 | 2 | n/a | 2 | 3 | n/a | n/a |
| Deakin University | 2 | 1 | 2 | 2 | 4 | 1 | 1 | n/a | 1 |
| Edith Cowan University | 1 | 1 | n/a | 1 | n/a | 1 | 1 | n/a | n/a |
| Flinders University | 2 | n/a | n/a | 1 | n/a | n/a | n/a | n/a | n/a |
| Griffith University | 3 | 2 | 1 | 3 | 4 | 2 | 4 | n/a | n/a |
| James Cook University | 3 | n/a | n/a | 1 | n/a | n/a | 4 | n/a | n/a |
| La Trobe University | 3 | 3 | 2 | 2 | 2 | 2 | 4 | n/a | n/a |
| Macquarie University | 2 | 2 | 3 | 3 | n/a | 2 | n/a | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 3 | 4 | 3 | 3 | n/a | 3 | 3 | n/a | n/a |
| Murdoch University | 2 | n/a | n/a | 1 | n/a | 2 | 3 | n/a | n/a |
| Queensland University of Technology | 3 | 2 | n/a | 4 | n/a | 2 | n/a | n/a | n/a |
| RMIT University | 2 | 2 | 2 | 2 | 3 | 3 | 3 | n/a | n/a |
| Southern Cross University | 1 | n/a | n/a | 1 | n/a | n/a | 2 | n/a | n/a |
| Swinburne University of Technology | 1 | 1 | n/a | 1 | n/a | 1 | n/a | n/a | n/a |
| University of Adelaide | 2 | 1 | 2 | 1 | n/a | 2 | n/a | n/a | n/a |
| University of Ballarat | 1 | n/a | n/a | 1 | n/a | n/a | 1 | n/a | n/a |
| University of Canberra | 2 | 2 | n/a | 1 | n/a | 1 | 2 | n/a | n/a |
| University of Melbourne | 5 | 5 | 3 | 5 | n/a | 5 | n/a | n/a | n/a |
| University of New England | 2 | n/a | n/a | 2 | n/a | n/a | n/a | n/a | n/a |
| University of New South Wales | 5 | 5 | 5 | 5 | n/a | 5 | 4 | n/a | n/a |
| University of Newcastle | 2 | 3 | n/a | 2 | n/a | 2 | 2 | n/a | n/a |
| University of Notre Dame Australia | 1 | n/a | n/a | 1 | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | 4 | 5 | n/a | 4 | 3 | n/a | n/a |
| University of South Australia | 2 | 3 | n/a | 3 | n/a | 2 | 3 | n/a | n/a |
| University of Southern Queensland | 2 | 3 | n/a | 2 | n/a | 1 | n/a | n/a | n/a |
| University of Sydney | 4 | 5 | 3 | 4 | n/a | 4 | n/a | 4 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 1 | 1 | n/a | 2 | n/a | n/a | 1 | n/a | n/a |
| University of Technology, Sydney | 3 | 4 | 3 | 4 | 2 | 3 | 3 | n/a | n/a |
| University of the Sunshine Coast | 2 | n/a | n/a | 1 | n/a | 2 | n/a | n/a | n/a |
| University of Western Australia | 3 | 3 | 4 | 3 | n/a | 2 | 2 | n/a | n/a |
| University of Western Sydney | 2 | 1 | 2 | 2 | 1 | 2 | 2 | n/a | n/a |
| University of Wollongong | 2 | 2 | 1 | 2 | n/a | 3 | 5 | n/a | n/a |
| Victoria University | 1 | 1 | 1 | 1 | 2 | 1 | 1 | n/a | n/a |
| Total UoEs evaluated | 39 | 28 | 19 | 39 | 8 | 29 | 24 | 1 | 1 |

16 STUDIES IN HUMAN SOCIETY

| Institution | 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 |
|---|-----------------------------|-------------------|------------------|-----------------|----------------------|--------------------------------|------------------------|------------------|----------------|-------------------------------------|
| Australian Catholic University | 1 | n/a | n/a | n/a | n/a | n/a | n/a | 2 | 1 | n/a |
| Australian National University | 5 | 4 | 4 | 3 | n/a | 3 | 5 | n/a | 4 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | 1 | n/a | 1 | n/a | n/a | n/a | 1 | n/a | n/a | n/a |
| Central Queensland University | 2 | n/a | n/a | n/a | n/a | 1 | n/a | n/a | 2 | n/a |
| Charles Darwin University | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | 1 | n/a | 1 | n/a | n/a | n/a | 1 | 2 | 1 | 1 |
| Curtin University of Technology | 2 | n/a | n/a | n/a | 2 | 2 | 2 | 1 | 2 | n/a |
| Deakin University | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 |
| Edith Cowan University | 1 | n/a | 1 | n/a | n/a | n/a | 2 | n/a | 1 | n/a |
| Flinders University | 3 | n/a | 4 | n/a | 3 | 2 | 2 | 3 | 3 | 2 |
| Griffith University | 3 | n/a | 3 | n/a | 3 | 3 | 4 | 3 | 3 | n/a |
| James Cook University | 1 | 3 | n/a | n/a | 3 | 1 | n/a | 2 | 2 | n/a |
| La Trobe University | 2 | 2 | n/a | n/a | n/a | 1 | 3 | 3 | 2 | n/a |
| Macquarie University | 2 | 3 | n/a | n/a | 3 | 2 | 2 | n/a | 3 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 2 | 3 | 2 | 1 | 3 | 2 | 3 | 3 | 3 | 3 |
| Murdoch University | 3 | n/a | n/a | n/a | n/a | n/a | n/a | 3 | n/a | n/a |
| Queensland University of Technology | 1 | n/a | n/a | n/a | n/a | 2 | n/a | n/a | 2 | n/a |
| RMIT University | 2 | n/a | n/a | n/a | n/a | 2 | 2 | 2 | 3 | n/a |
| Southern Cross University | 1 | n/a | n/a | n/a | n/a | 2 | n/a | n/a | 1 | n/a |
| Swinburne University of Technology | 2 | n/a | n/a | n/a | n/a | 2 | 1 | n/a | 2 | n/a |
| University of Adelaide | 3 | 4 | n/a | 3 | 1 | 2 | 3 | n/a | 3 | 3 |
| University of Ballarat | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1 | n/a |
| University of Canberra | 2 | n/a | n/a | n/a | n/a | 2 | 2 | n/a | n/a | n/a |
| University of Melbourne | 4 | 4 | 4 | n/a | 4 | 3 | 4 | 4 | 4 | n/a |
| University of New England | 2 | n/a | n/a | n/a | 2 | 2 | 2 | 2 | 2 | n/a |
| University of New South Wales | 4 | 2 | 4 | n/a | 2 | 4 | 3 | 4 | 4 | 4 |
| University of Newcastle | 2 | n/a | n/a | n/a | 3 | n/a | 1 | 4 | 3 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | n/a | 2 | 4 | 2 | 4 | 4 | 5 | 3 |
| University of South Australia | 1 | n/a | n/a | n/a | n/a | n/a | 2 | 3 | 2 | n/a |
| University of Southern Queensland | 1 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 1 | n/a |
| University of Sydney | 3 | 3 | 2 | n/a | 3 | 2 | 4 | 4 | 3 | 3 |
| University of Tasmania (inc. Australian Maritime College) | 3 | n/a | 3 | n/a | 3 | 3 | 2 | n/a | 4 | n/a |
| University of Technology, Sydney | 2 | n/a | n/a | n/a | 2 | 2 | n/a | 3 | n/a | n/a |
| University of the Sunshine Coast | 1 | n/a | n/a | n/a | n/a | n/a | 1 | n/a | n/a | 1 |
| University of Western Australia | 2 | 3 | n/a | n/a | 3 | 2 | 2 | n/a | 2 | 2 |
| University of Western Sydney | 2 | n/a | 2 | n/a | 3 | 2 | 1 | 2 | 2 | 3 |
| University of Wollongong | 2 | n/a | n/a | n/a | 3 | 1 | 1 | n/a | 2 | 4 |
| Victoria University | 1 | n/a | n/a | n/a | n/a | 1 | 1 | 2 | 1 | n/a |
| Total UoEs evaluated | 38 | 12 | 13 | 5 | 19 | 27 | 30 | 18 | 34 | 12 |

17 PSYCHOLOGY AND COGNITIVE SCIENCES

| Institution | 17 Psychology and Cognitive Sciences | 1701 Psychology | 1702 Cognitive Sciences | 1799 Other Psychology and Cognitive Sciences |
|---|--------------------------------------|-----------------|-------------------------|--|
| Australian Catholic University | 1 | n/a | n/a | n/a |
| Australian National University | 4 | 4 | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a |
| Central Queensland University | 1 | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a |
| Charles Sturt University | 1 | 1 | n/a | n/a |
| Curtin University of Technology | 1 | 1 | n/a | n/a |
| Deakin University | 1 | 2 | 1 | n/a |
| Edith Cowan University | 1 | 1 | n/a | n/a |
| Flinders University | 3 | 3 | n/a | n/a |
| Griffith University | 3 | 3 | n/a | n/a |
| James Cook University | 2 | 2 | n/a | n/a |
| La Trobe University | 2 | 2 | n/a | n/a |
| Macquarie University | 5 | 4 | 5 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a |
| Monash University | 3 | 3 | 3 | n/a |
| Murdoch University | 2 | 2 | n/a | n/a |
| Queensland University of Technology | 2 | 2 | n/a | n/a |
| RMIT University | 1 | 1 | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 3 | 3 | n/a | n/a |
| University of Adelaide | 3 | 3 | 2 | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a |
| University of Melbourne | 4 | 5 | 3 | n/a |
| University of New England | 2 | 2 | n/a | n/a |
| University of New South Wales | 5 | 5 | n/a | n/a |
| University of Newcastle | 3 | 2 | 4 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | 4 | n/a |
| University of South Australia | 2 | 2 | n/a | n/a |
| University of Southern Queensland | 1 | n/a | n/a | n/a |
| University of Sydney | 4 | 4 | 4 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 1 | 2 | n/a | n/a |
| University of Technology, Sydney | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a |
| University of Western Australia | 5 | 5 | 3 | n/a |
| University of Western Sydney | 3 | 2 | 3 | n/a |
| University of Wollongong | 2 | 2 | 2 | n/a |
| Victoria University | 1 | 1 | n/a | n/a |
| Total UoEs evaluated | 31 | 28 | 11 | 0 |

18 LAW AND LEGAL STUDIES

| Institution | 18 Law and Legal Studies | 1801 Law | 1802 Maori Law | 1899 Other Law and Legal Studies |
|---|--------------------------|-----------|----------------|----------------------------------|
| Australian Catholic University | 3 | 3 | n/a | n/a |
| Australian National University | 5 | 5 | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a |
| Bond University | 2 | 2 | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a |
| Charles Sturt University | 2 | 2 | n/a | n/a |
| Curtin University of Technology | 1 | 1 | n/a | n/a |
| Deakin University | 2 | 2 | n/a | n/a |
| Edith Cowan University | 2 | 2 | n/a | n/a |
| Flinders University | 3 | 3 | n/a | n/a |
| Griffith University | 4 | 4 | n/a | n/a |
| James Cook University | 2 | 2 | n/a | n/a |
| La Trobe University | 3 | 3 | n/a | n/a |
| Macquarie University | 3 | 3 | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a |
| Monash University | 4 | 4 | n/a | n/a |
| Murdoch University | 2 | 2 | n/a | n/a |
| Queensland University of Technology | 3 | 3 | n/a | n/a |
| RMIT University | 2 | 2 | n/a | n/a |
| Southern Cross University | 2 | 2 | n/a | n/a |
| Swinburne University of Technology | 1 | 1 | n/a | n/a |
| University of Adelaide | 4 | 4 | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a |
| University of Canberra | 2 | 2 | n/a | n/a |
| University of Melbourne | 5 | 5 | n/a | n/a |
| University of New England | 2 | 2 | n/a | n/a |
| University of New South Wales | 4 | 4 | n/a | n/a |
| University of Newcastle | 2 | 2 | n/a | n/a |
| University of Notre Dame Australia | 1 | 1 | n/a | n/a |
| University of Queensland | 4 | 4 | n/a | n/a |
| University of South Australia | 3 | 3 | n/a | n/a |
| University of Southern Queensland | 2 | 2 | n/a | n/a |
| University of Sydney | 4 | 4 | n/a | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | 3 | n/a | n/a |
| University of Technology, Sydney | 3 | 3 | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a |
| University of Western Australia | 2 | 2 | n/a | n/a |
| University of Western Sydney | 2 | 2 | n/a | n/a |
| University of Wollongong | 3 | 3 | n/a | n/a |
| Victoria University | 2 | 2 | n/a | n/a |
| Total UoEs evaluated | 35 | 35 | 0 | 0 |

19 STUDIES IN CREATIVE ARTS AND WRITING

| Institution | 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 |
|---|---|-------------------------------|---|--|---|-----------------------------|---|
| Australian Catholic University | 2 | n/a | n/a | n/a | n/a | 2 | n/a |
| Australian National University | 3 | n/a | n/a | n/a | 3 | 3 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | 2 | n/a | n/a | 2 | n/a | n/a | n/a |
| Central Queensland University | 2 | n/a | 1 | 2 | 2 | n/a | n/a |
| Charles Darwin University | 1 | n/a | n/a | n/a | 1 | n/a | n/a |
| Charles Sturt University | 2 | n/a | n/a | n/a | 2 | 1 | n/a |
| Curtin University of Technology | 3 | 2 | 3 | n/a | 3 | 2 | n/a |
| Deakin University | 3 | 2 | 3 | 3 | 3 | 2 | n/a |
| Edith Cowan University | 3 | 2 | n/a | 3 | 3 | 2 | n/a |
| Flinders University | 3 | n/a | 3 | n/a | 4 | n/a | n/a |
| Griffith University | 3 | n/a | 3 | n/a | 3 | 3 | n/a |
| James Cook University | 2 | n/a | n/a | n/a | 2 | 2 | n/a |
| La Trobe University | 3 | n/a | 3 | 2 | 4 | 2 | n/a |
| Macquarie University | 3 | n/a | 3 | n/a | 3 | n/a | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 4 | 3 | n/a | 4 | 4 | n/a |
| Murdoch University | 3 | n/a | 3 | 3 | n/a | n/a | n/a |
| Queensland University of Technology | 3 | n/a | 3 | n/a | 3 | 2 | n/a |
| RMIT University | 3 | n/a | 3 | n/a | n/a | 3 | n/a |
| Southern Cross University | 2 | n/a | n/a | n/a | 2 | n/a | n/a |
| Swinburne University of Technology | 2 | n/a | 2 | 3 | 2 | n/a | n/a |
| University of Adelaide | 5 | n/a | n/a | n/a | 5 | n/a | n/a |
| University of Ballarat | 1 | n/a | n/a | n/a | n/a | 1 | n/a |
| University of Canberra | 3 | n/a | n/a | n/a | 3 | n/a | n/a |
| University of Melbourne | 4 | 5 | 4 | 4 | 4 | 4 | n/a |
| University of New England | 2 | n/a | n/a | n/a | 2 | n/a | n/a |
| University of New South Wales | 5 | n/a | 5 | n/a | 5 | 4 | n/a |
| University of Newcastle | 2 | n/a | 3 | n/a | 2 | 2 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | 3 | n/a | 4 | 4 | n/a |
| University of South Australia | 3 | n/a | n/a | n/a | n/a | 3 | n/a |
| University of Southern Queensland | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 4 | 4 | 3 | n/a | 4 | 4 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | 2 | n/a | 3 | 2 | 4 | n/a |
| University of Technology, Sydney | 3 | n/a | 3 | 3 | 3 | n/a | n/a |
| University of the Sunshine Coast | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 4 | 3 | n/a | n/a | 4 | 2 | n/a |
| University of Western Sydney | 3 | n/a | 3 | n/a | 4 | 2 | n/a |
| University of Wollongong | 3 | n/a | 3 | 2 | 3 | 4 | n/a |
| Victoria University | 2 | n/a | 1 | n/a | 3 | n/a | n/a |
| Total UoEs evaluated | 38 | 10 | 21 | 12 | 30 | 22 | 0 |

20 LANGUAGE, COMMUNICATION AND CULTURE

| Institution | 20 Language, Communication and Culture | 2001 Communication and Media Studies | 2002 Cultural Studies | 2003 Language Studies | 2004 Linguistics | 2005 Literary Studies | 2009 Other Language, Communication and Culture |
|---|--|--------------------------------------|-----------------------|-----------------------|------------------|-----------------------|--|
| Australian Catholic University | 2 | n/a | n/a | n/a | n/a | 2 | n/a |
| Australian National University | 5 | n/a | 4 | 4 | 4 | 3 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | 1 | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | 1 | n/a | 2 | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | 2 | 2 | 1 | n/a | n/a | 1 | n/a |
| Curtin University of Technology | 3 | 2 | 4 | 2 | n/a | 2 | n/a |
| Deakin University | 2 | 2 | 2 | n/a | n/a | 3 | n/a |
| Edith Cowan University | 2 | 2 | 2 | n/a | 2 | 2 | n/a |
| Flinders University | 2 | n/a | 2 | n/a | 2 | 3 | n/a |
| Griffith University | 3 | 3 | 3 | 3 | n/a | n/a | n/a |
| James Cook University | 3 | n/a | n/a | n/a | 3 | 2 | n/a |
| La Trobe University | 4 | n/a | 4 | n/a | 4 | 3 | n/a |
| Macquarie University | 3 | 3 | 3 | 3 | 4 | 3 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 3 | 3 | 2 | 4 | 4 | n/a |
| Murdoch University | 3 | 4 | 3 | n/a | n/a | 3 | n/a |
| Queensland University of Technology | 5 | 5 | 4 | n/a | n/a | n/a | n/a |
| RMIT University | 3 | 4 | 2 | n/a | n/a | n/a | n/a |
| Southern Cross University | 1 | n/a | 1 | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 2 | 2 | 3 | n/a | n/a | n/a | n/a |
| University of Adelaide | 3 | 2 | 2 | n/a | 3 | 3 | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | 2 | 2 | 2 | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | 5 | 4 | 4 | 5 | 5 | n/a |
| University of New England | 2 | n/a | n/a | n/a | 3 | 2 | n/a |
| University of New South Wales | 4 | 3 | 4 | n/a | 3 | 4 | n/a |
| University of Newcastle | 2 | n/a | 2 | n/a | 3 | 3 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | 5 | n/a | 4 | 4 | n/a |
| University of South Australia | 3 | n/a | 3 | n/a | 3 | n/a | n/a |
| University of Southern Queensland | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 4 | 3 | 5 | 3 | 3 | 5 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | n/a | 3 | n/a | n/a | 3 | n/a |
| University of Technology, Sydney | 3 | 4 | 3 | n/a | 3 | n/a | n/a |
| University of the Sunshine Coast | 2 | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 3 | n/a | 2 | n/a | 3 | 3 | n/a |
| University of Western Sydney | 4 | 2 | 5 | 2 | 3 | 4 | n/a |
| University of Wollongong | 3 | n/a | 3 | 2 | n/a | 3 | n/a |
| Victoria University | 2 | n/a | 2 | n/a | n/a | 2 | n/a |
| Total UoEs evaluated | 36 | 19 | 30 | 9 | 18 | 24 | 0 |

21 HISTORY AND ARCHAEOLOGY

| Institution | 21 History and Archaeology | 2101 Archaeology | 2102 Curatorial and Related Studies | 2103 Historical Studies | 2199 Other History and Archaeology |
|---|----------------------------|------------------|-------------------------------------|-------------------------|------------------------------------|
| Australian Catholic University | 2 | n/a | n/a | 2 | n/a |
| Australian National University | 5 | 5 | n/a | 5 | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | 1 | n/a | n/a | 1 | n/a |
| Charles Darwin University | 2 | n/a | n/a | 2 | n/a |
| Charles Sturt University | 2 | n/a | n/a | 2 | n/a |
| Curtin University of Technology | 3 | n/a | n/a | 3 | n/a |
| Deakin University | 3 | n/a | 4 | 3 | n/a |
| Edith Cowan University | 2 | n/a | n/a | 2 | n/a |
| Flinders University | 2 | 2 | n/a | 3 | n/a |
| Griffith University | 3 | n/a | n/a | 3 | n/a |
| James Cook University | 3 | n/a | n/a | 3 | n/a |
| La Trobe University | 4 | 4 | n/a | 4 | n/a |
| Macquarie University | 4 | 2 | n/a | 4 | n/a |
| Melbourne College of Divinity | n/a | n/a | n/a | n/a | n/a |
| Monash University | 4 | 4 | n/a | 4 | n/a |
| Murdoch University | 3 | n/a | n/a | 3 | n/a |
| Queensland University of Technology | 2 | n/a | n/a | n/a | n/a |
| RMIT University | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 2 | n/a | n/a | 2 | n/a |
| University of Adelaide | 3 | n/a | n/a | 3 | n/a |
| University of Ballarat | 1 | n/a | n/a | 1 | n/a |
| University of Canberra | 2 | n/a | n/a | n/a | n/a |
| University of Melbourne | 5 | 3 | n/a | 5 | n/a |
| University of New England | 3 | 3 | n/a | 3 | n/a |
| University of New South Wales | 5 | n/a | n/a | 5 | n/a |
| University of Newcastle | 3 | n/a | n/a | 3 | n/a |
| University of Notre Dame Australia | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | 4 | n/a | 4 | n/a |
| University of South Australia | 2 | n/a | n/a | 3 | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 5 | 4 | n/a | 5 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | n/a | n/a | 3 | n/a |
| University of Technology, Sydney | 3 | n/a | n/a | 3 | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 4 | 3 | n/a | 4 | n/a |
| University of Western Sydney | 3 | n/a | n/a | 3 | n/a |
| University of Wollongong | 4 | 4 | n/a | 3 | n/a |
| Victoria University | 1 | n/a | n/a | 1 | n/a |
| Total UoEs evaluated | 33 | 11 | 1 | 31 | 0 |

22 PHILOSOPHY AND RELIGIOUS STUDIES

| Institution | 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 |
|---|-------------------------------------|---------------------|--|-----------------|-------------------------------------|---|
| Australian Catholic University | 3 | n/a | n/a | 2 | 4 | n/a |
| Australian National University | 5 | n/a | n/a | 5 | n/a | n/a |
| Batchelor Institute of Indigenous Tertiary Education | n/a | n/a | n/a | n/a | n/a | n/a |
| Bond University | n/a | n/a | n/a | n/a | n/a | n/a |
| Central Queensland University | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Darwin University | n/a | n/a | n/a | n/a | n/a | n/a |
| Charles Sturt University | 2 | 3 | n/a | 3 | 2 | n/a |
| Curtin University of Technology | n/a | n/a | n/a | n/a | n/a | n/a |
| Deakin University | 2 | 2 | n/a | 2 | 2 | n/a |
| Edith Cowan University | 1 | n/a | n/a | n/a | 2 | n/a |
| Flinders University | 2 | 2 | n/a | 2 | 3 | n/a |
| Griffith University | 2 | n/a | 3 | n/a | n/a | n/a |
| James Cook University | n/a | n/a | n/a | n/a | n/a | n/a |
| La Trobe University | 3 | n/a | n/a | 4 | n/a | n/a |
| Macquarie University | 3 | 3 | 3 | 3 | 3 | n/a |
| Melbourne College of Divinity | 3 | n/a | n/a | n/a | 3 | n/a |
| Monash University | 4 | 3 | 4 | 4 | 3 | n/a |
| Murdoch University | 2 | n/a | n/a | 2 | 2 | n/a |
| Queensland University of Technology | n/a | n/a | n/a | n/a | n/a | n/a |
| RMIT University | n/a | n/a | n/a | n/a | n/a | n/a |
| Southern Cross University | n/a | n/a | n/a | n/a | n/a | n/a |
| Swinburne University of Technology | 1 | n/a | n/a | n/a | n/a | n/a |
| University of Adelaide | 4 | 4 | n/a | 4 | n/a | n/a |
| University of Ballarat | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Canberra | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Melbourne | 4 | 4 | 3 | 4 | 4 | n/a |
| University of New England | 3 | n/a | 2 | 3 | 2 | n/a |
| University of New South Wales | 4 | n/a | 3 | 4 | n/a | n/a |
| University of Newcastle | 3 | n/a | n/a | 2 | 4 | n/a |
| University of Notre Dame Australia | 2 | n/a | n/a | n/a | n/a | n/a |
| University of Queensland | 4 | n/a | 4 | 3 | 4 | n/a |
| University of South Australia | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Southern Queensland | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Sydney | 5 | 4 | 5 | 5 | 3 | n/a |
| University of Tasmania (inc. Australian Maritime College) | 3 | n/a | n/a | 3 | n/a | n/a |
| University of Technology, Sydney | n/a | n/a | n/a | n/a | n/a | n/a |
| University of the Sunshine Coast | n/a | n/a | n/a | n/a | n/a | n/a |
| University of Western Australia | 3 | n/a | n/a | 3 | n/a | n/a |
| University of Western Sydney | 2 | n/a | n/a | n/a | 2 | n/a |
| University of Wollongong | 4 | n/a | n/a | 4 | n/a | n/a |
| Victoria University | n/a | n/a | n/a | n/a | n/a | n/a |
| Total UoEs evaluated | 25 | 8 | 8 | 19 | 15 | 0 |

GLOSSARY

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| Applied measures | Applied measures for ERA 2010 included: Plant Breeder's Rights; patents; registered designs; research commercialisation income; and NHMRC endorsed guidelines. |
| Apportioned (count) | Institutions could apportion percentages of a research output submitted to ERA 2010 across a number of four-digit FoR codes, to a total of 100%. The minimum that an output could be apportioned to an FoR code was 20%. |
| Australia Council grant or fellowship | Australia Council grants and fellowship programs are characterised by a strong element of peer review, are open to applicants from any State or Territory, require a minimum tenure of two years full time equivalent and are awarded to an individual. |
| Australian Competitive Grants Register (ACGR) | A list of Australian competitive research grant schemes maintained by the Department of Innovation, Industry, Science and Research (DIISR). |
| Cluster | <p>A set of disciplines grouped specifically for the evaluation purposes of ERA 2010. Clusters are made up of related two-digit and four-digit FoR code divisions. The eight ERA 2010 discipline clusters were:</p> <ol style="list-style-type: none"> 1. Physical, Chemical and Earth Sciences (PCE) 2. Humanities and Creative Arts (HCA) 3. Engineering and Environmental Sciences (EE) 4. Social, Behavioural and Economic Sciences (SBE) 5. Mathematical, Information and Computing Sciences (MIC) 6. Biological Sciences and Biotechnology (BB) 7. Biomedical and Clinical Health Sciences (BCH) 8. Public and Allied Health Sciences (PAH) |
| Commercialisation income | See 'Research commercialisation income'. |
| Disciplinary Profile | Shows the range of FoR codes where research outputs are co-apportioned. |
| Discipline | For the purposes of ERA 2010, disciplines were defined as four- or two-digit Fields of Research (FoR) codes, as identified in the <i>Australian and New Zealand Standard Research Classification (ANZSRC)</i> . The ANZSRC is available at http://arc.gov.au/era/ANZSRC.htm . |
| Discipline Matrices | Specifications of which ERA indicators were applied to which disciplines in 2010. The <i>ERA 2010 Discipline Matrices</i> is available at http://www.arc.gov.au/era/key_docs10.htm . |
| Eligible researcher | A researcher who met the criteria specified at section 5.3.1 of the <i>ERA 2010 Submission Guidelines</i> (available from http://www.arc.gov.au/era/key_docs10.htm). |
| Employed | For the purposes of ERA 2010, the term 'employed' was used in the same sense as defined in the <i>Higher Education Staff Data Collection (HESDC) Specifications</i> . It was used to describe the status of an eligible researcher (as 'employed' or 'employed on a casual basis'). |

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| Employee | For the purpose of ERA 2010, the term 'employee' was used in the same sense as defined in the <i>Higher Education Staff Data Collection (HESDC) Specifications</i> . |
| ERA peer review | Review conducted of a sample of research outputs by Research Evaluation Committees (RECs) and peer reviewers as part of the ERA evaluation process. |
| ERA peer reviewer | Independent expert who undertakes ERA peer review of a sample research outputs as part of the ERA evaluation process. |
| Esteem measures | Esteem measures indicate that a researcher is held in particularly high regard by their peers or other qualified parties. Eligible esteem measures for ERA 2010 included: editor of a prestigious work of reference; fellowship of a learned academy and membership of AIATSIS; recipient of a nationally-competitive research fellowship; membership of a statutory committee; and recipient of an Australia Council grant or Australia Council fellowship. See section 5.7 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| Fields of Research (FoR) | A hierarchical classification of research disciplines as set out in the <i>Australian and New Zealand Standard Research Classification (ANZSRC)</i> . The term 'Fields of Research' or 'FoR' applies to all three ANZSRC levels (two-digit, four-digit and six-digit). The ANZSRC is available at http://arc.gov.au/era/ANZSRC.htm . |
| Four-digit FoR | The middle level of the three hierarchical levels within the <i>Australian and New Zealand Standard Research Classification (ANZSRC)</i> . An example of a four-digit FoR code is '0206 Quantum Physics'. The ANZSRC is available at http://arc.gov.au/era/ANZSRC.htm . |
| Full-time equivalent (FTE) | FTE staffing profile based on academic salary classification, as used in HESDC. Includes Levels A—E and 'Other'. |
| HERDC | The Higher Education Research Data Collection is an annual data collection exercise undertaken by the Department of Innovation, Industry, Science and Research (DIISR). See sections 5.5.3 and 5.5.2 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| HERDC Category 1 (income) | The type of research income addressed in HERDC research income Category 1, that is, grants listed on the Australian Competitive Grants Register (ACGR). |
| HERDC Category 2 (income) | The type of research income addressed in HERDC research income Category 2 and consists of public sector research income other than Australian competitive grants. See section 5.5.3.2 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| HERDC Category 3 (income) | The type of research income addressed in HERDC research income Category 3. For the purposes of ERA 2010 this income was disaggregated into the following three sub-categories: <ul style="list-style-type: none"> • 3 (i) Australian • 3 (ii) International A (competitive, peer reviewed) • 3 (iii) International B (other international income). |
| HERDC Category 4 (income) | The type of research income addressed in HERDC Research Income Category 4. It comprises research income received by Cooperative Research Centres (CRCs) in which the relevant institution is a core participant (i.e. a signatory to the CRC's Commonwealth Agreement). |

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| Higher Education Staff Data Collection (HESDC) | The annual staff data collection exercise undertaken by the Department of Education, Employment and Workplace Relations (DEEWR). |
| Indexed journal articles | For the purpose of ERA 2010, 'Indexed journal articles' referred to articles published in journals listed on the ERA 2010 Ranked Journal List that were indexed by Scopus as of 31 March 2010. |
| Institutions | Higher Education Providers (HEP) eligible to participate in ERA 2010 defined by table A and B providers listed in the <i>Higher Education Support Act 2003</i> . |
| Learned Academies | Organisations whose individual or institutional members are devoted to the advancement of learning in one of the three broad areas of knowledge: the natural sciences, humanities and social sciences. Eligible 'membership of learned academies' for ERA 2010 (esteem measures) included: <ul style="list-style-type: none"> • Australian Academy of Humanities • Australian Academy of Science • Academy of the Social Sciences in Australia • Australian Academy of Technological Sciences and Engineering • Australian Institute of Aboriginal and Torres Strait Islander Studies. |
| Low volume threshold | For disciplines where citation analysis was used, the low volume threshold was 50 indexed journal articles. For disciplines where peer-review was used, the low volume threshold was 30 research outputs. For the purpose of calculating the low volume threshold in peer-review disciplines, books were given an effective weighting of 5:1 compared with other research outputs. |
| Nationally Competitive Research Fellowship | Refers to a fellowship awarded during the esteem measures reference period, to an eligible researcher under a Category 1 program listed on the Australian Competitive Grants Register. Such fellowships are characterised by: <ul style="list-style-type: none"> • a highly competitive process open to applicants from any Australian State or Territory • a strong element of peer review • a minimum tenure of two years full time equivalent. Further details can be obtained from section 5.7.2.5 of the <i>ERA 2010 Submission Guidelines</i> (available from http://www.arc.gov.au/era/key_docs10.htm). |
| NHMRC Endorsed Guidelines | Guidelines endorsed by the National Health and Medical Research Council (NHMRC) and those on population health, clinical practice and ethics. They may be produced by groups external to the NHMRC, or else developed by the NHMRC with the assistance of expert working groups. |
| Non-traditional research outputs | Research outputs which do not take the form of traditional research books, book chapters, journal articles or conference publications. See section 5.4.10 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| Not assessed (n/a) | Research outputs not assessed because the unit of evaluation did not have a sufficient volume of eligible research outputs to meet the low volume threshold. |
| Original Creative Works | A type of non-traditional research output. See section 5.4.10 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |

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| Other International (patents) | Patents that were sealed in a country other than Australia, the United States, Europe or Japan. |
| Other Level | Where an eligible researcher cannot be assigned to one of the Full-Time Equivalent (FTE) Levels A—E the researcher was classified as 'Other Level'. This includes general staff and academics occupying management positions. |
| Patent | As defined in relevant legislation, a patent is a right granted for any device, substance, method or process which is new, inventive and useful. It is legally enforceable and gives the owner the exclusive right to commercially exploit the invention for the life of the patent. ERA 2010 applied measures include Australian standard patents (but not Australian innovation patents) and equivalent patents issued overseas. |
| Plant Breeder's Rights (PBR) | As defined in relevant legislation, Plant Breeder's Rights (PBRs) are proprietary rights held by breeders of certain new varieties of plants and fungi. Such rights are legally enforceable and give exclusive commercial rights to market a new variety or its propagating material for the duration of the PBR. For ERA 2010 purposes, PBRs were those granted under the <i>Plant Breeder's Rights Act 1994</i> or their international equivalents. See sections 5.6.2.1 and 5.6.2.2 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| Portfolio | Group of individual works submitted separately which together constitute a single non-traditional research output. The portfolio had to demonstrate coherent research content. See section 5.4.10 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| Prestigious work of reference | A work of reference which is one of the best in its field or subfield, characterised by a rigorous refereeing process and by high scholarly standards that are equivalent to those of an A* or A ranked journal. Collectively, the work is expected to be recognised as one of the best sources of reference for the field or subfield. |
| Recorded/Rendered Creative Works | The research component of this output is contained within the recording/rendering and includes research outputs such as film, radio, digital creative works, Internet exhibitions etc. |
| Reference periods | The set time period during which research outputs were required to have been published, research income reported under HERDC etc., in order to be eligible for inclusion in ERA submissions. ERA 2010 reference periods vary according to the type of research output. |
| Registered design | A registered design is a design registered under the <i>Designs Act 2003</i> (where 'design' refers to the overall appearance of the product resulting from one or more visual features of the product). See also 'design'. See sections 5.6.2.5 and 5.6.2.6 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| Research | For the purposes of ERA 2010, research was defined as the creation of new knowledge and/or the use of existing knowledge in a new and creative way so as to generate new concepts, methodologies and understandings. This could include synthesis and analysis of previous research to the extent that it is new and creative. |
| Research commercialisation income | Commercial returns via income and/or capital gains resulting from the commercialisation of research outputs, services and intellectual property. Under ERA 2010, research commercialisation income was treated as an 'applied measure' rather than as 'research income'. |

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| Research Evaluation Committees (RECs) | The cluster-specific committees which undertook the ERA 2010 evaluations. Each committee included internationally-recognised members with expertise in research evaluation and broad discipline expertise. |
| Research output | Research outputs include books, journal articles, book chapters, conference papers and non-traditional research outputs. |
| Six-digit FoR | The lowest of the three hierarchical levels as identified in the <i>Australian and New Zealand Standard Research Classification (ANZSRC)</i> . An example is '020603 Quantum Information, Computation and Communication'. Within the ANZSRC classification, this level is referred to as a 'Field'. The ANZSRC is available at http://arc.gov.au/era/ANZSRC.htm . Six-digit FoR codes were not assessed in ERA 2010. |
| Staff census date | In identifying eligibility of researchers, for the ERA 2010 round, the staff census date was taken as 31 March 2009. |
| Statutory committee | Membership of recognised statutory committees is an indication of research expertise in areas of Public and Allied Health. Statutory committees are recognised by Commonwealth Government agencies, including the National Health and Medical Research Council, and The United Nations, including the World Health Organization. See section 5.7 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| Traditional research outputs | Research outputs in the form of published traditional research books, book chapters, journal articles or conference papers. |
| Triadic patents | Triadic patents are patents that are a series of corresponding patents filed at the European Patent Office (EPO), the United States Patent and Trademark Office (USPTO) and the Japan Patent Office (JPO), for the same invention by the same applicant or inventor. |
| Two-digit FoR | The highest of the three hierarchical levels as identified in the <i>Australian and New Zealand Standard Research Classification (ANZSRC)</i> . An example is '02 Physical Sciences'. Within the ANZSRC classification, this level is referred to as a 'Division'. The ANZSRC is available at http://arc.gov.au/era/ANZSRC.htm |
| Unit of Evaluation | A two-digit or four-digit FoR code for an eligible institution. In some contexts, the term refers to the package of associated ERA information (including submission data, indicators and evaluation outcomes). See section 3.3 of the <i>ERA 2010 Submission Guidelines</i> for further details (available from http://www.arc.gov.au/era/key_docs10.htm). |
| UoEs assessed | Units of Evaluation that have met the Low Volume Threshold and have been assessed by Research Evaluation Committees (RECs). |
| Weighted research outputs | Books were given an effective weighting of 5:1 compared with other research outputs for the purposes of determining the low volume threshold for non-citation analysis disciplines. |
| Whole (count) | The ERA methodology provided both apportioned counts and whole counts of research outputs, i.e. an output apportioned 20% to an FoR code would have an apportioned count of 0.2 and a whole count of 1 in that FoR code. |

APPENDIX 1: ELIGIBLE INSTITUTIONS

Australian higher education institutions eligible to participate in ERA 2010 are defined as table A and B providers listed in the *Higher Education Support Act 2003*.

Australian Catholic University
Batchelor Institute of Indigenous Tertiary Education
Bond University
Central Queensland University
Charles Darwin University
Charles Sturt University
Curtin University of Technology
Deakin University
Edith Cowan University
Flinders University
Griffith University
James Cook University
La Trobe University
Macquarie University
Melbourne College of Divinity
Monash University
Murdoch University
Queensland University of Technology
RMIT University
Southern Cross University
Swinburne University of Technology
The Australian National University
The University of Adelaide
The University of Melbourne
The University of New England
The University of New South Wales
The University of Newcastle
The University of Notre Dame Australia
The University of Queensland
The University of Sydney
The University of the Sunshine Coast
The University of Western Australia
University of Ballarat
University of Canberra
University of South Australia
University of Southern Queensland
University of Tasmania (incorporating Australian Maritime College)
University of Technology, Sydney
University of Western Sydney
University of Wollongong
Victoria University