

## ERA 2010 OUTCOMES—STATE OVERVIEW

### Victorian (VIC) Overview

All 10 VIC institutions participated in ERA 2010.

Approximately 63 per cent of the units of evaluation assessed for VIC institutions were rated at world standard or above (i.e. received 3s, 4s or 5s) for ERA 2010, compared with 65 per cent nationally.

Of the 575 units of evaluation that were assessed (159 at the broad two-digit level; 416 at the four-digit discipline level), VIC institutions received the following ratings:

- 84 units of evaluation rated at 5 or ‘well above world standard’ (17 at the broad two-digit level, 67 at the four-digit discipline level)
- 129 units of evaluation rated at 4 or ‘above world standard’ (26 at the broad two-digit level, 103 at the four-digit discipline level)
- 151 units of evaluation rated at 3 or ‘at world standard’ (41 at the broad two-digit level, 110 at the four-digit discipline level)

VIC institutions performed above and well above world standard (i.e. received 4s or 5s across two or more institutions) across the following areas:

- Accounting, Auditing and Accountability
- Applied Mathematics
- Biological Sciences (particularly biochemistry and cell biology, ecology, evolutionary biology, genetics, microbiology, plant biology, zoology)
- Build Environment and Design (particularly architecture, and urban and regional planning)
- Chemical Sciences (particularly analytical, macromolecular and materials, and Physical and physical and structural chemistry)
- Earth Sciences (particularly atmospheric sciences, geology, geophysics, physical geography and environmental geoscience)
- Economics (particularly econometrics)
- Education (systems and specialist studies)
- Engineering (chemical, civil, electrical and electronic, materials, interdisciplinary, and mechanical)
- History and Archaeology
- Law
- Medical and Health Sciences (particularly cardiovascular medicine and haematology, clinical sciences, human movement and sports science, immunology, microbiology, physiology, neurosciences, nursing, oncology and carcinogenesis, paediatrics and reproductive medicine, and pharmacology and pharmaceutical sciences)
- Philosophy and Religious Studies
- Physical Sciences (particularly astronomical and space sciences, condensed matter and optical physics)
- Creative Arts and Writing (particularly art theory and criticism, film, television and digital media, performing arts and creative writing, and visual arts and crafts)

## **ERA Ratings—Highlights for VIC institutions**

### **Australian Catholic University**

Of the 25 units of evaluation that were assessed (11 at the broad two-digit level, 14 at the four-digit discipline level), Australian Catholic University received the following ratings:

- 1 unit of evaluation rated at 4 (above world standard, 1 at the four-digit discipline level)
- 6 units of evaluation rated at 3 (at world standard, 3 at the broad two-digit level, 3 at the four-digit discipline level)

Note: Australian Catholic University is also included in the NSW highlights

### **Deakin University**

Of the 81 units of evaluation that were assessed (22 at the broad two-digit level, 59 at the four-digit discipline level), Deakin University received the following ratings:

- 4 units of evaluations rated at 5 (well above world standard, all at the four-digit discipline level)
- 12 units of evaluation rated at 4 (above world standard, 3 at the broad two-digit level, 9 at the four-digit discipline level)
- 21 units of evaluation rated at 3 (at world standard, 6 at the broad two-digit level, 15 at the four-digit discipline level)

### **La Trobe University**

Of the 70 units of evaluation that were assessed (21 at the broad two-digit level, 49 at the four-digit discipline level), La Trobe University received the following ratings:

- 4 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 3 at the four-digit discipline level)
- 12 units of evaluation rated at 4 (above world standard, 2 at the broad two-digit level, 10 at the four-digit discipline level)
- 25 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 16 at the four-digit discipline level)

### **Melbourne College of Divinity**

Of the 2 units of evaluation that were assessed (1 at the broad two-digit level, 1 at the four-digit discipline level), Melbourne College of Divinity received the following ratings:

- 2 units of evaluation rated at 3 (at world standard, 1 at the broad two-digit level, 1 at the four-digit discipline level)

## **Monash University**

Of the 111 units of evaluation that were assessed (22 at the broad two-digit level, 89 at the four-digit discipline level), Monash University received the following ratings:

- 19 units of evaluation rated at 5 (well above world standard, 3 at the broad two-digit level, 16 at the four-digit discipline level)
- 45 units of evaluation rated at 4 (above world standard, 10 at the broad two-digit level, 35 at the four-digit discipline level)
- 31 units of evaluation rated at 3 (at world standard, 4 at the broad two-digit level, 27 at the four-digit discipline level)

## **RMIT University**

Of the 57 units of evaluation that were assessed (18 at the broad two-digit level, 39 at the four-digit discipline level), RMIT University received the following ratings:

- 1 unit of evaluation rated at 5 (well above world standard, 1 at the four-digit discipline level)
- 7 units of evaluation rated at 4 (above world standard, 2 at the broad two-digit level, 5 at the four-digit discipline level)
- 26 units of evaluation rated at 3 (at world standard, 8 at the broad two-digit level, 18 at the four-digit discipline level)

## **Swinburne University of Technology**

Of the 41 units of evaluation that were assessed (17 at the broad two-digit level, 24 at the four-digit discipline level), Swinburne University of Technology received the following ratings:

- 2 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 1 at the four-digit discipline level)
- 2 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 1 at the four-digit discipline level)
- 9 units of evaluation rated at 3 (at world standard, 3 at the broad two-digit level, 6 at the four-digit discipline level)

## **University of Ballarat**

Of the 19 units of evaluation that were assessed (9 at the broad two-digit level, 10 at the four-digit discipline level), University of Ballarat received the following ratings:

- 2 units of evaluation rated at 3 (at world standard, 1 at the broad two-digit level, 1 at the four-digit discipline level)

## **University of Melbourne**

Of the 127 units of evaluation that were assessed (24 at the broad two-digit level, 103 at the four-digit discipline level), University of Melbourne received the following ratings:

- 54 units of evaluation rated at 5 (well above world, 12 at the broad two-digit level, 42 at the four-digit discipline level)
- 48 units of evaluation rated at 4 (above world standard, 8 at the broad two-digit level, 40 at the four-digit discipline level)
- 24 units of evaluation rated at 3 (at world standard, 4 at the broad two-digit level, 20 at the four-digit discipline level)

## **Victoria University**

Of the 42 units of evaluation that were assessed (14 at the broad two-digit level, 28 at the four-digit discipline level), Victoria University received the following ratings:

- 2 units of evaluation rated at 4 (above world standard, 2 at the four-digit discipline level)
- 5 units of evaluation rated at 3 (at world standard, 2 at the broad two-digit level, 3 at the four-digit discipline level)

## ERA 2010 OUTCOMES—STATE OVERVIEW

### New South Wales (NSW) Overview

All 11 NSW institutions participated in ERA 2010.

Approximately 69 per cent of the units of evaluation assessed for NSW institutions were rated at world standard or above (i.e. received 3s, 4s or 5s) for ERA 2010, compared with 65 per cent nationally.

Of the 737 units of evaluation that were assessed (207 at the broad two-digit level; 530 at the four-digit discipline level), NSW institutions received the following ratings:

- 83 units of evaluation rated at 5 or ‘well above world standard’ (17 at the broad two-digit level, 66 at the four-digit discipline level)
- 155 units of evaluation rated at 4 or ‘above world standard’ (36 at the broad two-digit level, 119 at the four-digit discipline level)
- 260 units of evaluation rated at 3 or ‘at world standard’ (76 at the broad two-digit level, 184 at the four-digit discipline level)

NSW institutions performed above and well above world standard (i.e. received 4s or 5s across two or more institutions) across the following areas:

- Agriculture and Veterinary Sciences (particularly animal, crop and pasture production)
- Biological Science (particularly plant biology, microbiology, evolutionary biology, genetics, biochemistry and cell biology, ecology, and zoology)
- Chemical Sciences (particularly analytical, macromolecular and materials chemistry, physical and structural chemistry)
- Commerce, Management Tourism and Services (particularly accounting, auditing and accountability, business and management, tourism, and marketing)
- Earth Sciences (particularly geology, physical geography and environmental geoscience, and geochemistry)
- Economics (particularly economic theory)
- Engineering (particularly civil, electrical and electronic, materials, mechanical, and interdisciplinary engineering)
- Environmental Sciences
- History and Archaeology
- Information and Computing Sciences
- Language, Communication and Culture (particularly cultural studies, and literary studies)
- Law
- Mathematical Sciences (particularly pure mathematics, applied mathematics and mathematical physics)
- Medical and Health Sciences (particularly cardiovascular medicine and haematology, oncology and carcinogenesis, immunology, medical physiology, pharmacology and pharmaceutical sciences, neurosciences, clinical sciences, and human movement and sports science)
- Studies In Human Society (particularly social work)
- Philosophy and Religious Studies
- Physical Sciences (particularly condensed matter physics, astronomical and space sciences, quantum physics, and optical physics)

- Psychology and Cognitive Sciences
- Education (particularly specialist studies)
- Creative Art and Writing (particularly visual arts and crafts, performing arts and creative writing, and art theory and criticism)

## **ERA Ratings—Highlights for NSW institutions**

### **Australian Catholic University**

Of the 25 units of evaluation that were assessed (11 at the broad two-digit level, 14 at the four-digit discipline level), Australian Catholic University received the following ratings:

- 1 unit of evaluation rated at 4 (above world standard, 1 at the four-digit discipline level)
- 6 units of evaluation rated at 3 (at world standard, 3 at the broad two-digit level, 3 at the four-digit discipline level)

Note: Australian Catholic University is also included in the VIC highlights

### **Charles Sturt University**

Of the 52 units of evaluation that were assessed (17 at the broad two-digit level, 35 at the four-digit discipline level), Charles Sturt University received the following ratings:

- 3 units of evaluation rated at 4 (above world standard, 3 at the four-digit discipline level)
- 11 units of evaluation rated at 3 (at world standard, 5 at the broad two-digit level, 6 at the four-digit discipline level)

### **Macquarie University**

Of the 76 units of evaluation that were assessed (21 at the broad two-digit level, 55 at the four-digit discipline level), Macquarie University received the following ratings:

- 17 units of evaluation rated at 5 (well above world standard, 5 at the broad two-digit level, 12 at the four-digit discipline level)
- 9 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 8 at the four-digit discipline level)
- 33 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 24 at the four-digit discipline level)

### **Southern Cross University**

Of the 27 units of evaluation that were assessed (13 at the broad two-digit level, 14 at the four-digit discipline level), Southern Cross University received the following ratings:

- 1 unit of evaluation rated at 5 (well above world standard, 1 at the four-digit discipline level)
- 1 unit of evaluation rated at 4 (above world standard, 1 at the broad two-digit level)
- 3 units of evaluation rated at 3 (at world standard, 1 at the broad two-digit level, 2 at the four-digit discipline level)

### **University of New England**

Of the 38 units of evaluation that were assessed (16 at the broad two-digit level, 22 at the four-digit discipline level), University of New England received the following ratings:

- 3 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 2 at the four-digit discipline level)
- 9 units of evaluation rated at 3 (at world standard, 4 at the broad two-digit level, 5 at the four-digit discipline level)

### **University of New South Wales**

Of the 111 units of evaluation that were assessed (23 at the broad two-digit level, 88 at the four-digit discipline level), University of New South Wales received the following ratings:

- 25 units of evaluation rated at 5 (well above world standard, 6 at the broad two-digit level, 19 at the four-digit discipline level)
- 49 units of evaluation rated at 4 (above world standard, 12 at the broad two-digit level, 37 at the four-digit discipline level)
- 33 units of evaluation rated at 3 (at world standard, 5 at the broad two-digit level, 28 at the four-digit discipline level)

### **University of Newcastle**

Of the 77 units of evaluation that were assessed (21 at the broad two-digit level, 56 at the four-digit discipline level), University of Newcastle received the following ratings:

- 7 units of evaluation rated at 5 (well above world standard, 7 at the four-digit discipline level)
- 10 units of evaluation rated at 4 (above world standard, 3 at the broad two-digit level, 7 at the four-digit discipline level)
- 34 units of evaluation rated at 3 (at world standard, 10 at the broad two-digit level, 24 at the four-digit discipline level)

### **University of Sydney**

Of the 126 units of evaluation that were assessed (24 at the broad two-digit level, 102 at the four-digit discipline level), University of Sydney received the following ratings:

- 26 units of evaluation rated at 5 (well above world standard, 5 at the broad two-digit level, 21 at the four-digit discipline level)
- 48 units of evaluation rated at 4 (above world standard, 10 at the broad two-digit level, 38 at the four-digit discipline level)
- 44 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 35 at the four-digit discipline level)

### **University of Technology, Sydney**

Of the 64 units of evaluation that were assessed (19 at the broad two-digit level, 45 at the four-digit discipline level), University of Technology, Sydney received the following ratings:

- 2 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 1 at the four-digit discipline level)
- 7 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 6 at the four-digit discipline level)
- 38 units of evaluation rated at 3 (at world standard, 13 at the broad two-digit level, 25 at the four-digit discipline level)

### **University of Western Sydney**

Of the 65 units of evaluation that were assessed (21 at the broad two-digit level, 44 at the four-digit discipline level), University of Western Sydney received the following ratings:

- 2 units of evaluation rated at 5 (well above world standard, 2 at the four-digit discipline level)
- 5 units of evaluation rated at 4 (above world standard, 2 at the broad two-digit level, 3 at the four-digit discipline level)
- 22 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 13 at the four-digit discipline level)

### **University of Wollongong**

Of the 76 units of evaluation that were assessed (21 at the broad two-digit level, 55 at the four-digit discipline level), University of Wollongong received the following ratings:

- 3 units of evaluation rated at 5 (well above world standard, 3 at the four-digit discipline level)
- 19 units of evaluation rated at 4 (above world standard, 5 at the broad two-digit level, 14 at the four-digit discipline level)
- 27 units of evaluation rated at 3 (at world standard, 8 at the broad two-digit level, 19 at the four-digit discipline level)

## ERA 2010 OUTCOMES—STATE OVERVIEW

### Australian Capital Territory (ACT) Overview

Both ACT institutions participated in ERA 2010.

Approximately 79 per cent of the units of evaluation assessed for ACT institutions were rated at world standard or above (i.e. received 3s, 4s or 5s) for ERA 2010, compared with 65 per cent nationally.

Of the 116 units of evaluation that were assessed (35 at the broad two-digit level; 81 at the four-digit discipline level), ACT institutions received the following ratings:

- 42 units of evaluation rated at 5 (well above world standard, 11 at the broad two-digit level, 31 at the four-digit discipline level)
- 29 units of evaluation rated at 4 (above world standard, 8 at the broad two-digit level, 21 at the four-digit discipline level)
- 21 units of evaluation rated at 3 (at world standard, 6 at the broad two-digit level, 15 at the four-digit discipline level)

ACT institutions performed above and well above world standard (i.e. received 4s, 5s) across the following areas:

- Biological Sciences (particularly ecology, evolutionary biology, genetics, microbiology, plant biology, zoology)
- Chemical Sciences (particularly theoretical and computational chemistry, and physical and structural chemistry)
- Commerce, Management, Tourism and Services (particularly banking, finance and investment, and accounting, auditing and accountability)
- Earth Sciences (particularly geochemistry, oceanography, geology, and physical geography and environmental geoscience)
- Economics (econometrics, applied economics and economic theory)
- Engineering (particularly electrical and electronic and materials engineering)
- Environmental Sciences (particularly environmental science and management, and ecological applications)
- History and Archaeology
- Information and Computing Sciences (particularly artificial intelligence and image processing)
- Language, Communication and Culture (particularly cultural studies, linguistics, and language studies)
- Law
- Mathematical Sciences (particularly applied mathematics, pure mathematics, and mathematical physics)
- Medical and Health Sciences (particularly immunology, oncology and carcinogenesis, medical physiology, neurosciences, public health and health services, and clinical sciences)
- Philosophy and Religious study (particularly philosophy)
- Physical Sciences (particularly quantum physics, classical physics, condensed matter physics, astronomical and space sciences, and optical physics)
- Psychology and Cognitive Sciences (particularly psychology)
- Studies in Human Society

## **ERA Ratings—Highlights for ACT institutions**

### **Australian National University**

Of the 86 units of evaluation that were assessed (21 at the broad two-digit level, 65 at the four-digit discipline level), Australian National University received the following ratings:

- 42 units of evaluation rated at 5 (well above world standard, 11 at the broad two-digit level, 31 at the four-digit discipline level)
- 27 units of evaluation rated at 4 (above world standard, 7 at the broad two-digit level, 20 at the four-digit discipline level)
- 16 units of evaluation rated at 3 (at world standard, 3 at the broad two-digit level, 13 at the four-digit discipline level)

### **University of Canberra**

Of the 30 units of evaluation that were assessed (14 at the broad two-digit level, 16 at the four-digit discipline level), University of Canberra received the following ratings:

- 2 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 1 at the four-digit discipline level)
- 5 units of evaluation rated at 3 (at world standard, 3 at the broad two-digit level, 2 at the four-digit discipline level)

## ERA 2010 OUTCOMES—STATE OVERVIEW

### Queensland (QLD) Overview

All eight QLD institutions participated in ERA 2010.

Approximately 66 per cent of the units of evaluation assessed for QLD institutions were rated at world standard or above (i.e. received 3s, 4s or 5s) for ERA 2010, compared with 65 per cent nationally.

Of the 426 units of evaluation that were assessed (133 at the broad two-digit level; 293 at the four-digit discipline level), QLD institutions received the following ratings:

- 46 units of evaluation rated at 5 or ‘well above world standard’ (10 at the broad two-digit level, 36 at the four-digit discipline level)
- 106 units of evaluation rated at 4 or ‘above world standard’ (27 at the broad two-digit level, 79 at the four-digit discipline level)
- 129 units of evaluation rated at 3 or ‘at world standard’ (38 at the broad two-digit level, 91 at the four-digit discipline level)

QLD institutions performed above and well above world standard (i.e. received 4s or 5s across two or more institutions) across a broad range of disciplines, including:

- Agriculture and Veterinary Sciences (particularly fisheries sciences)
- Biological Sciences (particularly microbiology, plant biology, evolutionary biology, ecology, and zoology)
- Built Environment and Design (particularly urban and regional planning)
- Business and Management
- Chemical Sciences
- Earth Sciences (particularly oceanography)
- Education (particularly curriculum and pedagogy, and education systems)
- Environmental Engineering
- Environmental Sciences (particularly soil sciences, environmental science and management)
- Information Systems
- Language, Communication and Culture (particularly communication and media studies, and cultural studies)
- Law and Legal Studies
- Mathematical Sciences (particularly applied mathematics)
- Medical and Health Sciences (particularly nursing, dentistry, and human movement and sports science)
- Political Science
- Physical Sciences (particularly quantum physics, and condensed matter physics)
- Technology
- Tourism

## **ERA Ratings—Highlights for QLD institutions**

### **Bond University**

Of the 24 units of evaluation that were assessed (11 at the broad two-digit level, 13 at the four-digit discipline level), Bond University received the following ratings:

- 1 unit of evaluation rated at 4 (above world standard, 1 at the four-digit discipline level)
- 5 units of evaluation rated at 3 (at world standard, 3 at the broad two-digit level, 2 at the four-digit discipline level)

### **Central Queensland University**

Of the 28 units of evaluation that were assessed (13 at the broad two-digit level, 15 at the four-digit discipline level), Central Queensland University received the following ratings:

- 3 units of evaluation rated at 3 (at world standard, 2 at the broad two-digit level, 1 at the four-digit discipline level)

### **Griffith University**

Of the 80 units of evaluation that were assessed (22 at the broad two-digit level, 58 at the four-digit discipline level), Griffith University received the following ratings:

- 3 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 2 at the four-digit discipline level)
- 16 units of evaluation rated at 4 (above world standard, 3 at the broad two-digit level, 13 at the four-digit discipline level)
- 44 units of evaluation rated at 3 (at world standard, 14 at the broad two-digit level, 30 at the four-digit discipline level)

### **James Cook University**

Of the 61 units of evaluation that were assessed (19 at the broad two-digit level, 42 at the four-digit discipline level), James Cook University received the following ratings:

- 3 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 2 at the four-digit discipline level)
- 9 units of evaluation rated at 4 (above world standard, 2 at the broad two-digit level, 7 at the four-digit discipline level)
- 19 units of evaluation rated at 3 (at world standard, 5 at the broad two-digit level, 14 at the four-digit discipline level)

### **Queensland University of Technology**

Of the 70 units of evaluation that were assessed (22 at the broad two-digit level, 48 at the four-digit discipline level), Queensland University of Technology received the following ratings:

- 5 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 4 at the four-digit discipline level)
- 16 units of evaluation rated at 4 (above world standard, 7 at the broad two-digit level, 9 at the four-digit discipline level)
- 32 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 23 at the four-digit discipline level)

### **University of Queensland**

Of the 125 units of evaluation that were assessed (24 at the broad two-digit level, 101 at the four-digit discipline level), University of Queensland received the following ratings:

- 35 units of evaluation rated at 5 (well above world standard, 7 at the broad two-digit level, 28 at the four-digit discipline level)
- 63 units of evaluation rated at 4 (above world standard, 14 at the broad two-digit level, 49 at the four-digit discipline level)
- 23 units of evaluation rated at 3 (at world standard, 3 at the broad two-digit level, 20 at the four-digit discipline level)

### **University of Southern Queensland**

Of the 22 units of evaluation that were assessed (9 at the broad two-digit level, 13 at the four-digit discipline level), University of Southern Queensland received the following ratings:

- 1 unit of evaluation rated at 4 (above world standard, 1 at the broad two-digit level)
- 3 units of evaluation rated at 3 (at world standard, 2 at the broad two-digit level, 1 at the four-digit discipline level)

### **University of the Sunshine Coast**

Of the 16 units of evaluation that were assessed, University of the Sunshine Coast did not receive any ratings at world standard or above.

## **ERA 2010 OUTCOMES—STATE OVERVIEW**

### **Western Australian (WA) Overview**

All five WA institutions participated in ERA 2010.

Approximately 53 per cent of the units of evaluation assessed for WA institutions were rated at world standard or above (i.e. received 3s, 4s or 5s) for ERA 2010, compared with 65 per cent nationally.

Of the 289 units of evaluation that were assessed (83 at the broad two-digit level; 206 at the four-digit discipline level), WA institutions received the following ratings:

- 25 units of evaluation rated at 5 or ‘well above world standard’ (7 at the broad two-digit level, 18 at the four-digit discipline level)
- 37 units of evaluation rated at 4 or ‘above world standard’ (8 at the broad two-digit level, 29 at the four-digit discipline level)
- 92 units of evaluation rated at 3 or ‘at world standard’ (29 at the broad two-digit level, 63 at the four-digit discipline level)

WA institutions performed above and well above world standard (i.e. received 4s or 5s across two or more institutions) across a broad range of disciplines, including:

- Agriculture and Veterinary Sciences (particularly crop and pasture production)
- Earth Sciences (particularly geology, and geochemistry)
- Medical and Health Sciences (particularly clinical sciences, medical microbiology, and immunology)
- Physical Chemistry (incl. structural)

### **ERA Ratings—Highlights for WA institutions**

#### **Curtin University of Technology**

Of the 78 units of evaluation that were assessed (22 at the broad two-digit level, 56 at the four-digit discipline level), Curtin University of Technology received the following ratings:

- 3 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 2 at the four-digit discipline level)
- 6 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 5 at the four-digit discipline level)
- 21 units of evaluation rated at 3 (at world standard, 8 at the broad two-digit level, 13 at the four-digit discipline level)

### **Edith Cowan University**

Of the 46 units of evaluation that were assessed (16 at the broad two-digit level, 30 at the four-digit discipline level), Edith Cowan University received the following ratings:

- 1 unit of evaluation rated at 4 (above world standard, 1 at the four-digit discipline level)
- 8 units of evaluation rated at 3 (at world standard, 5 at the broad two-digit level, 3 at the four-digit discipline level)

### **Murdoch University**

Of the 51 units of evaluation that were assessed (17 at the broad two-digit level, 34 at the four-digit discipline level), Murdoch University received:

- 6 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 5 at the four-digit discipline level)
- 6 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 5 at the four-digit discipline level)
- 19 units of evaluation rated at 3 (at world standard, 7 at the broad two-digit level, 12 at the four-digit discipline level)

### **University of Notre Dame Australia**

Of the eight units of evaluation that were assessed, University of Notre Dame Australia did not receive any ratings at world standard or above.

### **University of Western Australia**

Of the 106 units of evaluation that were assessed (22 at the broad two-digit level, 84 at the four-digit discipline level), University of Western Australia received the following ratings:

- 16 units of evaluation rated at 5 (well above world standard, 5 at the broad two-digit level, 11 at the four-digit discipline level)
- 24 units of evaluation rated at 4 (above world standard, 6 at the broad two-digit level, 18 at the four-digit discipline level)
- 44 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 35 at the four-digit discipline level)

## **ERA 2010 OUTCOMES—STATE OVERVIEW**

### **South Australian (SA) Overview**

Each of the three SA institutions participated in ERA 2010.

Approximately 68 per cent of the units of evaluation assessed for SA institutions were rated at world standard or above (i.e. received 3s, 4s or 5s) for ERA 2010, compared with 65 per cent nationally.

Of the 214 units of evaluation that were assessed (58 at the broad two-digit level; 156 at the four-digit discipline level), SA institutions received the following ratings:

- 25 units of evaluation rated at 5 (well above world standard, 7 at the broad two-digit level, 18 at the four-digit discipline level)
- 35 units of evaluation rated at 4 (above world standard, 5 at the broad two-digit level, 30 at the four-digit discipline level)
- 85 units of evaluation rated at 3 (at world standard, 26 at the broad two-digit level, 59 at the four-digit discipline level)

SA institutions performed above and well above world standard (i.e. received 4s or 5s across two or more institutions) across a broad range of disciplines, including:

- Performing Arts and Creative Writing
- Environmental Sciences (particularly environmental science and management)
- Medical and Health Sciences (particularly pharmacology and pharmaceutical sciences, cardiovascular medicine and haematology, medical physiology, nursing, oncology and carcinogenesis, and nutrition and dietetics)

### **ERA Ratings—Highlights for SA institutions**

#### **Flinders University**

Of the 62 units of evaluation that were assessed (18 at the broad two-digit level, 44 at the four-digit discipline level), Flinders University received the following ratings:

- 1 unit of evaluation rated at 5 (well above world standard, 1 at the four-digit discipline level)
- 6 units of evaluation rated at 4 (above world standard, 6 at the four-digit discipline level)
- 24 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 15 at the four-digit discipline level)

## **University of Adelaide**

Of the 97 units of evaluation that were assessed (22 at the broad two-digit level, 75 at the four-digit discipline level), University of Adelaide received the following ratings:

- 22 units of evaluation rated at 5 (well above world standard, 6 at the broad two-digit level, 16 at the four-digit discipline level)
- 21 units of evaluation rated at 4 (above world standard, 4 at the broad two-digit level, 17 at the four-digit discipline level)
- 36 units of evaluation rated at 3 (at world standard, 9 at the broad two-digit level, 27 at the four-digit discipline level)

## **University of South Australia**

Of the 55 units of evaluation that were assessed (18 at the broad two-digit level, 37 at the four-digit discipline level), University of South Australia received:

- 2 units of evaluation rated at 5 (well above world standard, 1 at the broad two-digit level, 1 at the four-digit discipline level)
- 8 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 7 at the four-digit discipline level)
- 25 units of evaluation rated at 3 (at world standard, 8 at the broad two-digit level, 17 at the four-digit discipline level)

## **ERA 2010 OUTCOMES—STATE OVERVIEW**

### **Tasmanian (TAS) Overview**

The one TAS university participating in ERA 2010 was University of Tasmania (inc. Australian Maritime College) (UTAS).

Approximately 71 per cent of the units of evaluation assessed for UTAS were rated at world standard or above (i.e. received 3s, 4s or 5s) for ERA 2010, compared with 65 per cent nationally.

Of the 75 units of evaluation that were assessed (21 at the broad two-digit level; 54 at the four-digit level), UTAS received the following ratings:

- 3 units of evaluation rated at 5 (well above world standard, 3 at the four-digit discipline level)
- 13 units of evaluation rated at 4 (above world standard, 4 at the broad two-digit level, 9 at the four-digit discipline level)
- 37 units of evaluation rated at 3 (at world standard, 11 at the broad two-digit level, 26 at the four-digit discipline level)

### **ERA Ratings—Highlights for UTAS**

UTAS performed above and well above world standard (i.e. received 4s and 5s) across a broad range of disciplines, including:

- Agriculture and Veterinary Sciences (particularly horticultural production, animal production, and fisheries sciences)
- Chemical Sciences (particularly inorganic chemistry, and analytical chemistry)
- Clinical Sciences
- Earth Sciences (particularly oceanography, and geology)
- Physical Sciences (particularly astronomical and space sciences)
- Plant Biology
- Sociology
- Visual Arts and Crafts

## **NORTHERN TERRITORY (NT) OVERVIEW**

Both NT institutions participated in ERA 2010.

Approximately 43 per cent of the units of evaluation assessed for Charles Darwin University were rated at world standard or above (i.e. received 3s or 4s) for ERA 2010, compared with 65 per cent nationally.

Batchelor Institute of Indigenous Tertiary Education submitted data to ERA but no units of evaluation were assessed as the publication volume threshold in the areas submitted was insufficient to enable ratings in ERA 2010.

### **ERA Ratings—Highlights for NT institutions**

#### **Charles Darwin University**

Charles Darwin University performed above world standard (i.e. received 4s) across the following areas:

- Agriculture and Veterinary Sciences
- Clinical Sciences
- Environmental Science and Management
- Medical Microbiology
- Zoology

Of the 28 units of evaluation that were assessed (12 at the broad two-digit level, 16 at the four-digit discipline level), NT institutions received the following ratings:

- 5 units of evaluation rated at 4 (above world standard, 1 at the broad two-digit level, 4 at the four-digit discipline level)
- 7 units of evaluation rated at 3 (at world standard, 5 at the broad two-digit level, 2 at the four-digit discipline level)