

## Senate Committee: Education and Employment

### QUESTION ON NOTICE Supplementary Budget Estimates 2016 - 2017

**Outcome: Higher Education Research and International**

**Department of Education and Training Question No. SQ16-000786**

Senator Carr, Kim provided in writing

#### ***National Collaborative Research Infrastructure Strategy***

#### **Question**

With reference to the National Collaborative Research Infrastructure Strategy program please provide the:

- (a) total funding allocated for each in 2014-15, 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
- (b) departmental and administered funding allocated for each in 2014-15, 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
- (c) number of organisations funded, or grants allocated, under the program in each in those years, the name of each organisation funded, the purpose of the funding and the dollar value of that funding
- (d) number of individuals projected to be serviced or services to be delivered through each in 2014-15, 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
- (e) total funding actually expended on each in 2015-16 and 2014-15
- (f) number of individuals actually serviced or services actually delivered through each in 2015-16 and 2014-15
- (g) aggregate staff budget for each in 2016-17, 2015-16 and 2014-15 broken down by i) permanent APS staff and ii) contractors
- (h) number of permanent APS staff responsible for delivering each in 2016-17; 2015-16 and 2014-15, the classification of these staff and their geographic location;
- (i) dollar value of external advice contracted to support each in 2016-17, as well as the number of contractors engaged, the APS-equivalent classification these contractors were engaged at and their geographic location.

#### **Answer**

- (a) and (b) Funding was provided through separate Budget decisions for 2014–15, 2015–16 and 2016–17. From 2017–18, ongoing funding of \$150 million per annum (indexed) for National Collaborative Research Infrastructure Strategy (NCRIS) project operations is being provided under the National Innovation and Science Agenda (NISA), which negates the need for annual Budget decisions.

#### ***Budget funding***

	<b>2014–15 (\$m)</b>	<b>2015–16* (\$m)</b>	<b>2016–17 (\$m)</b>
Departmental	0.83	0.00	0.00
Administered	100.10	150.00	150.00
<b>Total</b>	<b>100.93</b>	<b>150.00</b>	<b>150.00</b>

*\*ASL and departmental funding for the administration of NCRIS have not been provided with Administered funding since 2014–15.*

### NISA funding

	2017–18* (\$m)	2018–19 (\$m)	2019–20 (\$m)
Departmental	0.00	0.00	0.00
Administered	153.00	156.06	159.81
<b>Total</b>	<b>153.00</b>	<b>156.06</b>	<b>159.81</b>

\*ASL and departmental funding for the administration of NCRIS have not been provided with Administered funding since 2014–15.

- (c) and (e) Since 1 July 2014, 27 facilities and projects have been provided with grants under NCRIS. The purpose of the grants is to allow continued operations and provide open, merit-based access to national research infrastructure. Funding allocated and total to be paid (GST excl) are:

NCRIS Project	Project Lead Agent	2014–15	2015–16	2016–17
Astronomy	Astronomy Australia Ltd	\$6,823,768	\$8,644,000	\$8,817,000
Atlas of Living Australia	CSIRO	\$3,228,344	\$4,603,000	\$4,696,000
Australian Animal Health Laboratory – Collaborative Bioresearch Facility	CSIRO	\$1,481,760	\$1,452,000	\$1,482,000
Australian Microscopy and Microanalysis Facility	University of Sydney	\$947,527	\$3,561,000	\$5,083,000
Australian National Fabrication Facility	Australian National Fabrication Facility Ltd	\$8,495,200	\$12,192,000	\$13,841,900
Nuclear Science Facilities	ANSTO	\$6,944,000	\$6,463,000	\$6,593,000
Australian National Data Service	Monash University	\$7,308,000	\$9,196,000	\$9,380,000
Australian Phenomics Network	Australian National University	\$1,825,712	\$4,367,000	\$4,455,000
Australian Plant Phenomics Facility	University of Adelaide	\$1,927,997	\$3,678,000	\$3,752,000
Australian Urban Research Infrastructure Network	University of Melbourne	\$2,240,000	\$2,079,000	\$2,821,000
Biofuels	AusBiotech Ltd	\$300,000	\$321,000	\$328,000
Bioplatfroms Australia	Bioplatfroms Australia Ltd	\$8,258,442	\$13,812,000	\$14,089,000
AuScope	AuScope Ltd	\$5,027,326	\$7,284,000	\$7,430,000
Heavy Ion Accelerators	Australian National University	\$425,600	\$1,558,000	\$1,849,000
Australian Plasma Fusion Research Facility	Australian National University	\$504,000	\$728,000	\$743,000
Groundwater	University of New South Wales	\$196,000	\$429,000	\$438,000
National Computational Infrastructure	Australian National University	\$2,411,733	\$5,383,000	\$12,491,000
National Deuteration Facility	ANSTO	\$592,200	\$597,000	\$609,000

<b>NCRIS Project</b>	<b>Project Lead Agent</b>	<b>2014–15</b>	<b>2015–16</b>	<b>2016–17</b>
National eResearch Collaboration Tools and Resources	University of Melbourne	\$5,264,000	\$4,942,000	\$5,549,000
Integrated Marine Observing System	University of Tasmania	\$6,859,017	\$13,963,000	\$15,573,697
National Imaging Facility	University of Queensland	\$800,324	\$2,929,000	\$3,888,000
Pawsey Supercomputing Centre	CSIRO	\$2,538,667	\$5,668,000	\$5,782,000
Population Health Research Network	University of Western Australia	\$2,752,400	\$4,269,000	\$4,355,000
Research Data Services	University of Queensland	\$10,000,000	\$5,196,000	\$5,300,000
Translating Health Discovery	Therapeutic Innovation Australia Ltd	\$3,920,000	\$3,642,000	\$4,400,000
Terrestrial Ecosystem Research Network	University of Queensland	\$4,577,160	\$5,925,000	\$6,044,000
European Molecular Biology Laboratory	Monash University for Partner Laboratory Network*	\$3,693,283	\$4,035,455	\$4,100,000

\*Associate membership fees are paid direct to EMBL.

Note: A payment of \$5.5 million was made from 2016–17 NCRIS funding to ANSTO to support the operations of the Australian Synchrotron in 2016–17. The Synchrotron is not part of the NCRIS network.

(d) and (f) The projects that comprise NCRIS provide a wide variety of infrastructure to meet researcher needs. As a result, 'individuals' is only one user measure.

<b>NCRIS Project</b>	<b>2014–15</b>
Astronomy	2,100
Atlas of Living Australia	23,703
AuScope	4,858
Australian Animal Health Laboratory – Collaborative Bioresearch Facility	10
Australian Microscopy and Microanalysis Research Facility	3,196
Australian National Data Service	ANDS information was accessed 430,444 times
Australian National Fabrication Facility	2,672
Australian Phenomics Network	676
Australian Plant Phenomics Facility	198
Australian Plasma Fusion Research Facility	43
Australian Urban Research Infrastructure Network	2,300
Biofuels	22
Bioplatforms Australia	4,648
European Molecular Biology Laboratory	100 researchers in partner laboratories
Groundwater	Groundwater information was accessed 2,326 times
Heavy Ion Accelerators	311

<b>NCRIS Project</b>	<b>2014–15</b>
Integrated Marine Observing System	1,997
National Computational Infrastructure	3,817
National Deuteration Facility	115
National eResearch Collaboration Tools and Resources Project	16,185
Nuclear Science Facilities	295
Pawsey Supercomputing Centre	693
Population Health Research Network	973
Research Data Services	1,786
Terrestrial Ecosystem Research Network	23,798
National Imaging Facility	1,459
Translating Health Discovery	THD information was accessed 190,362 times

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	<b>2014–15</b>	<b>2015–16</b>	<b>2016–17</b>
ASL	21	0	0
Aggregate staff budget	\$820,960	\$0	\$0
Permanent APS	\$820,960	\$0	\$0
Contractors	\$0	\$0	\$0

(h) See response to (a) and (b). All permanent APS staff delivering NCRIS are Canberra based.

(i) No contractors have been engaged by the Department to support the delivery of NCRIS in 2015-16 or 2016-17. External advice from consultants comprises (all \$ figures GST excl):

<b>Activity</b>	<b>Company or individual</b>	<b>2015–16</b>	<b>2016–17</b> (to 31/8/16)
NCRIS Program Level Report - Survey 2015	Australian Survey Research Group Ltd	\$48,680	\$32,427
Research Infrastructure Review	Dr Susan Pond	\$5,827	\$0
Research Infrastructure Review	Dr Alan Finkel	\$2,490	\$0
Research Infrastructure Review	University of Wollongong (for Professor Paul Wellings)	\$2,191	\$0
Research Infrastructure Review	Dr Oliver Mayo	\$3,030	\$0
Research Infrastructure Review	Mr Philip Clark	\$17,035	\$0
2016 National Research Infrastructure Roadmap	Professor Peter Gibbs	\$0	\$2,500
2016 National Research Infrastructure Roadmap	University of Adelaide (for Professor Mark Hutchinson)	\$0	\$562
2016 National Research Infrastructure Roadmap	Australian National University (for Professor Timothy Senden)	\$0	\$1,679
2016 National Research Infrastructure Roadmap	Monash University (for Professor Lynette Russel)	\$0	\$2,125

<b>Activity</b>	<b>Company or individual</b>	<b>2015–16</b>	<b>2016–17 (to 31/8/16)</b>
2016 National Research Infrastructure Roadmap	Sanders Psychology Pty Ltd	\$0	\$2,000
2016 National Research Infrastructure Roadmap	Dr David Mitchell	\$0	\$9,228
2016 National Research Infrastructure Roadmap	Dr Craig Cormick	\$0	\$2,000