QUESTION ON NOTICE
Supplementary Budget Estimates 2016 - 2017

Outcome: Higher Education Research and International

Department of Education and Training Question No. SQ16-000789

Senator Carr, Kim provided in writing

Securing Australia's Mathematical Workforce 2016–2020

Question

With reference to the Securing Australia's Mathematical Workforce 2016–2020 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) No funding was provided in 2014–15 and 2015–16 under this initiative. Total allocated funding* for each financial year is:

2014–15 Actual $'000	2015–16 Actual $'000	2016–17 Budget $'000	2017–18 Forward estimate $'000	2018–19 Forward estimate $'000	2019–20 Forward estimate $'000
-	-	487	496	508	520

Funding is subject to indexation.

(b) Funding allocated to the project is provided in (a) above. There is no departmental funding allocated to the project.

(c) The Australian Mathematical Sciences Institute (AMSI) receives funding under the program via the University of Melbourne which is the lead agency. The purpose of the funding is to improve student participation and engagement in maths and science.

(d) Key expected deliverables and expected student participation numbers over the project period 2016–20 are:

Deliverables	Description	2016–17	2017–18	2018–19	2019–20	Total
Vacation scholarships	To give students research experience working alongside some of the nations' leading academics and researchers while developing analytical, critical thinking, and communication skills.	50	50	50	50	200
Summer School	To provide condensed short courses at the honours/postgraduate level on mathematical sciences topics informed by the latest trends in theory and applications. To increase breath of knowledge, provide career development and build professional networks.	120	120	120	120	480
Winter School	To give PhD students intensive focused research training from national and international experts while developing analytical, critical thinking, and communication skills.	20	20	20	20	80
Bio-summer Symposium	To foster Australia's bioinformatics and computational biology research capability. The BioInfoSummer series introduces bioinformatics and mathematical and computational biology to advanced undergraduate and postgraduate students, researchers and professionals working in a variety of fields.	130	130	130	130	520
Optimise Symposium	To grow graduate student numbers in optimisation with consequent boost in national commercial and research capacity in industrial optimisation with clear links to research priority areas. While initiating collaborations between businesses and universities through shared research training which will translate research outcomes into commercial practice to boost production goals and save valuable resources.	0	50	70	90	210
PhD Internships	To enhance career opportunities for mathematical sciences graduates and facilitate linkages between university and industry by providing high-end analytical expertise (in the form of PhD interns supported by academic supervisors) for research challenges or problems facing business.	5	5	5	5	20
TOTAL		**325**	**375**	**395**	**415**	**1510**

(e) There was no expenditure in 2014–15 or 2015–16.

(f) There were no activities undertaken by this project in years 2014–15 or 2015–16

(g) There is no departmental funding allocated to the project.

(h) Refer to (g) above.

(i) There are no contracted workers employed by the department to administer or deliver this project.