THE AUSTRALIAN GOVERNMENT'S 2010-11 SCIENCE, RESEARCH AND INNOVATION BUDGET TABLES

Contents

Background and Explanatory Notes

(1) The Science, Research and Innovation Budget Tables provide an overview of whole-of-government support for science, research and innovation by the Australian Government over a 10 year period.

(2) The current tables generally retain the format used in earlier years, thus providing continuity and comparability with earlier budget tables. Since the 2004-05 publication, the groupings in Table 1 have been reclassified according to sectors of the economy. This is consistent with the nomenclatural conventions recommended in the Frascati Manual (2002, OECD).

(3) The tables also conform as closely as possible with the standards for reporting government budget appropriations and outlays on research and development as recommended in the 2002 edition of the Frascati Manual published by the OECD. Accordingly, extramural expenditures report only current costs and capital expenditures. It is important to note that the expenditure categories reflect the funder's perspective, which are then aggregated according to the sectors of performance.

(4) The support for science, research and innovation programs, administered on behalf of the Australian Government, may be provided either through annual appropriations (see Table 3) or through special appropriations (see Table 4). All expenditures reported in these tables have been recorded in accordance with the principles of accrual accounting.

(5) Table 1 summarises the total Australian Government support by sector of performance. Tables 2, 3 and 4 provide a detailed disaggregation of the total expenditure identified in Table 1 by program, which can be identified by the posting references. Table 5 identifies the allocation of science, research and innovation support by socio-economic objectives. To assist with the use of the tables, definitions are provided below for key terms that are used in these tables.

(6) The financial data have been supplied by the departments and agencies responsible for administering the programs listed in the tables. Previous estimates are adjusted by Departments and Agencies as data becomes available on actual expenditure and R&D content of programs.

(7) The most significant change from the estimates to actuals for 2009-10 (see Table 1) was a rephasing of funding relating to the Clean Energy Initiatives to 2013-14.

Definitions

Budget and Special Appropriations. Budget appropriations refer to funding appropriated annually, in particular, under *Appropriation Act No.1* and *No.2* of a given financial year (additional funding is appropriated under *Appropriation Acts No.3* and *No.4*). Special appropriations refer to funding appropriated through provisions in other legislation such as the *Higher Education Support Act (2003)* , the *Income Tax Assessment Act (1936),* the *Industry Research and Development Act (1986) and the Nation-building Funds Act (2008).*

Intramural Expenditure. Intramural expenditures are all expenditures for R&D performed within a statistical unit or sector of the economy during a specific period, whatever the source of funds (Frascati Manual, 2002, OECD).

Extramural Expenditure. Extramural expenditures are sums that a unit, organisation or sector reports having paid or committed to pay to another unit, organisation or sector for the performance of R&D during a specific period. This includes acquisition or R&D performed by other units and grants given to others for performing R&D (Frascati Manual, 2002, OECD).

TABLE 1. SUMMARY OF MAJOR AUSTRALIAN GOVERNMENT SUPPORT FOR SCIENCE, RESEARCH AND INNOVATION THROUGH THE BUDGET AND OTHER APPROPRIATIONS - ACTUAL COST IN YEAR INCURRED [a, f]

	Ref. no. [a]	*2001-02* $m	*2002-03* $m	*2003-04* $m	*2004-05* $m	*2005-06* $m	*2006-07* $m	*2007-08* $m	*2008-09* $m	*Estimated Actual 2009-10* $m	*Budget Estimate 2010-11* $m
INTRAMURAL EXPENDITURE ON SCIENCE, RESEARCH AND INNOVATION [b]											
Major Australian Government Research Agencies											
· Defence Science & Technology Organisation	1	275.0	283.4	293.9	314.4	349.1	406.0	401.0	427.3	433.0	438.6
· CSIRO	2	509.6	532.1	568.6	577.1	593.9	610.1	663.1	675.8	726.8	780.8
· Other R&D Agencies	3	429.4	447.8	571.3	486.8	469.6	486.8	562.4	552.3	578.5	568.6
SUB-TOTAL		*1,214.0*	*1,263.3*	*1,433.9*	*1,378.3*	*1,412.6*	*1,502.9*	*1,626.6*	*1,655.3*	*1,738.3*	*1,788.0*
EXTRAMURAL EXPENDITURE ON SCIENCE, RESEARCH AND INNOVATION [b]											
Business Enterprise Sector											
· Industry R&D Tax Concession [c]	4	370.0	587.0	665.0	729.0	867.0	1,045.0	1,208.0	1,369.0	1,563.7	1,606.1
· Other R&D Support	5	237.9	158.6	230.8	200.2	222.6	244.2	270.2	215.8	94.4	80.1
· Other Innovation Support	6	291.7	264.7	266.9	223.7	242.4	255.1	272.4	292.0	605.7	423.7
SUB-TOTAL		*899.6*	*1,010.2*	*1,162.7*	*1,152.9*	*1,332.0*	*1,544.3*	*1,750.6*	*1,876.8*	*2,263.8*	*2,109.9*
Higher Education Sector											
· Australian Research Council	7	265.8	298.3	399.6	480.9	544.4	570.3	571.8	585.9	664.2	717.2
· Performance Based Block Funding	8	1,073.2	1,133.4	1,215.2	1,223.7	1,271.2	1,282.4	1,270.4	1,282.1	1,146.9	1,007.9
· Other R&D Support	9	538.3	541.1	551.7	111.8	243.7	120.2	124.8	135.0	559.1	825.0
SUB-TOTAL		*1,877.3*	*1,972.8*	*2,166.5*	*1,816.3*	*2,059.3*	*1,972.9*	*1,967.0*	*2,003.0*	*2,370.2*	*2,550.1*
Multisector [d]											
· NHMRC and Other Health	10	243.8	291.3	365.6	371.4	653.3	959.1	620.1	836.9	880.5	1,067.3
· Cooperative Research Centres	11	145.3	148.6	201.8	194.5	208.1	189.3	211.9	182.3	178.9	172.6
· Rural	12	197.5	204.3	210.7	210.9	218.5	222.3	222.9	226.4	231.0	222.9
· Energy and the Environment	13	33.6	33.1	62.3	40.7	46.0	75.6	130.3	215.2	382.4	571.2
· Other Science Support	14	13.3	39.2	50.3	57.6	72.3	150.9	152.8	169.2	364.7	441.4
SUB-TOTAL		*633.5*	*716.6*	*890.7*	*875.1*	*1,198.1*	*1,597.3*	*1,338.1*	*1,629.9*	*2,037.5*	*2,475.4*
TOTAL AUSTRALIAN GOVERNMENT SUPPORT		**4,624.4**	**4,962.8**	**5,653.7**	**5,222.7**	**6,002.1**	**6,617.4**	**6,682.2**	**7,165.1**	**8,409.8**	**8,923.4**
% Total Australian Government Expenditure [e]		2.40%	2.47%	2.63%	2.28%	2.48%	2.55%	2.39%	2.21%	2.47%	2.59%

Notes:

a. The financial data presented in this table are an aggregate of the expenditure data sourced from Tables 2, 3 & 4. Reference numbers in Column 2 identify their respective disaggregated source data in Tables 2, 3 and 4.

b. A definition of the expenditure categories is provided on Page 1.

c. The amounts indicated for the R&D tax concession are estimates only.

d. 'Multisector' includes programs that may be accessed by several sectors, including Australian Government agencies.

e. The ratio is calculated based on the expenditure (and forward estimate) published in *Appendix D: Historical Australian Government Data, Mid-year Economic and Fiscal Outlook 2009-10*.

f. A breakdown of the total expenditure by portfolio is summarised in the table below. Tax measures are included in the relevant policy portfolio rather than Treasury.

Portfolio Summary

PORTFOLIO	*2001-02* $m	*2002-03* $m	*2003-04* $m	*2004-05* $m	*2005-06* $m	*2006-07* $m	*2007-08* $m	*2008-09* $m	*Estimated Actual 2009-10* $m	*Budget Estimate 2010-11* $m
AGRICULTURE, FISHERIES AND FORESTRY	207.1	217.2	232.0	235.8	247.5	248.4	245.7	245.4	254.8	246.9
BROADBAND, COMMUNICATIONS AND THE DIGITAL ECONOMY	0.0	10.3	11.3	17.2	23.5	24.0	26.8	27.3	25.4	25.9
CLIMATE CHANGE AND ENERGY EFFICIENCY	4.8	3.2	3.6	6.9	6.7	9.4	12.0	18.5	15.0	15.0
DEFENCE	275.0	283.4	293.9	314.4	349.1	406.0	403.3	438.1	446.2	454.3
EDUCATION, EMPLOYMENT AND WORKPLACE RELATIONS	589.0	585.0	585.0	154.9	165.2	166.6	167.7	170.1	171.1	174.2
ENVIRONMENT, WATER, HERITAGE AND THE ARTS	144.8	140.2	166.7	143.5	152.1	188.5	186.6	192.3	188.4	174.4
FOREIGN AFFAIRS AND TRADE	39.7	41.3	41.2	42.8	46.4	51.3	56.8	56.1	72.8	78.3
HEALTH AND AGEING	244.6	292.1	366.5	372.0	653.8	959.7	621.3	838.2	881.3	1,068.2
INFRASTRUCTURE, TRANSPORT, REGIONAL DEVELOPMENT AND LOCAL GOVERNMENT	1.8	1.8	1.9	1.9	2.2	7.1	9.1	7.0	3.4	3.3
INNOVATION, INDUSTRY, SCIENCE AND RESEARCH	3,036.3	3,299.6	3,854.8	3,829.6	4,239.9	4,422.7	4,736.9	4,895.0	5,898.8	6,153.8
PRIME MINISTER AND CABINET	0.0	0.0	0.0	1.0	2.0	2.1	5.0	4.6	4.5	4.1
RESOURCES, ENERGY AND TOURISM	81.3	88.8	96.9	102.6	113.6	131.5	210.9	272.5	448.2	525.0
TOTAL	**4,624.4**	**4,962.8**	**5,653.7**	**5,222.7**	**6,002.1**	**6,617.4**	**6,682.2**	**7,165.1**	**8,409.8**	**8,923.4**

TABLE 2. MAJOR AUSTRALIAN GOVERNMENT RESEARCH AGENCIES - BUDGET EXPENDITURES [a]

PORTFOLIO / AGENCY	*Ref. no.* [a]	*2001-02 $m*	*2002-03 $m*	*2003-04 $m*	*2004-05 $m*	*2005-06 $m*	*2006-07 $m*	*2007-08 $m*	*2008-09 $m*	*Estimated Actual 2009-10 $m*	*Budget Estimate 2010-11 $m*
AGRICULTURE, FISHERIES AND FORESTRY											
Australian Animal Health Laboratory	3	5.8	6.1	6.2	6.8	6.9	7.0	5.7	7.1	7.2	7.3
DEFENCE											
Defence Science and Technology Organisation	1	275.0	283.4	293.9	314.4	349.1	406.0	401.0	427.3	433.0	438.6
FOREIGN AFFAIRS AND TRADE											
Australian Centre for International Agricultural Research	3	39.7	41.3	41.2	42.8	46.4	51.3	56.8	56.1	72.8	78.3
INNOVATION, INDUSTRY, SCIENCE AND RESEARCH											
CSIRO	2	509.6	532.1	568.6	577.1	593.9	610.1	663.1	675.8	714.8	730.8
Australian Nuclear Science & Technology Organisation [b]	3	158.7	173.2	290.4	196.4	158.5	141.6	185.7	174.7	175.2	189.7
Australian Institute of Marine Science	3	22.4	24.3	22.1	22.5	23.1	24.5	26.6	27.6	30.4	30.9
Anglo-Australian Telescope Board [c]	3	3.8	3.9	4.0	4.1	4.6	4.7	4.8	4.9	5.0	0.0
Australian Institute of Aboriginal and Torres Strait Islander Studies	3	3.8	3.8	3.9	4.0	3.9	4.0	3.6	3.8	3.8	4.4
ENVIRONMENT, WATER, HERITAGE AND THE ARTS											
Antarctic Division	3	92.0	84.6	85.5	86.5	94.6	99.6	105.5	104.6	116.9	103.8
Bureau of Meteorology Research Centre	3	9.4	9.7	10.1	11.0	11.7	12.8	12.6	19.9	22.6	24.3
Great Barrier Reef Marine Park Authority	3	4.1	4.1	3.9	4.0	4.9	4.8	4.8	3.4	3.0	2.8
Supervising Scientist Division [d]	3	8.4	8.0	7.1	7.8	7.5	11.1	11.2	11.0	11.0	11.0
RESOURCES, ENERGY AND TOURISM											
Geoscience Australia	3	81.3	88.8	96.9	100.9	107.4	125.4	145.0	139.0	130.6	116.2
TOTAL		**1,214.0**	**1,263.3**	**1,433.9**	**1,378.3**	**1,412.6**	**1,502.9**	**1,626.6**	**1,655.3**	**1,726.3**	**1,738.0**

Notes:

a. The financial data have been supplied and confirmed by the Departments and Agencies responsible for administering the programs listed in the table. Reference numbers in Column 2 reconcile agency expenditures with their respective sector aggregates in Table 1.

b. The reduction in budget expenditures for 2004-05 when compared to 2003-04 is a timing issue relating to two special purpose projects: disposition of spent fuel and replacement research reactor. The fluctuations in the years 2007-08 onwards are timing issues relating to several large equity projects and two special purpose expense areas: disposition of spent fuel and ANSTO's decommissioning program.

c. The Anglo-Australian Telescope Board will be dissolved with effect 1 July 2010 and replaced by the Australian Astronomical Observatory within the Department of Innovation, Industry, Science and Research. Thus funding for 2010-11 appears in Table 3 under the DIISR portfolio.

d. Formerly referred to as the Environmental Research Institute of the Supervising Scientist. From 2006-07, total Divisional expenses have been assessed as supporting research and innovation.

Figure 1. Percentage breakdown of Australian Government support for science, research and innovation by sector of performance in 2010-11

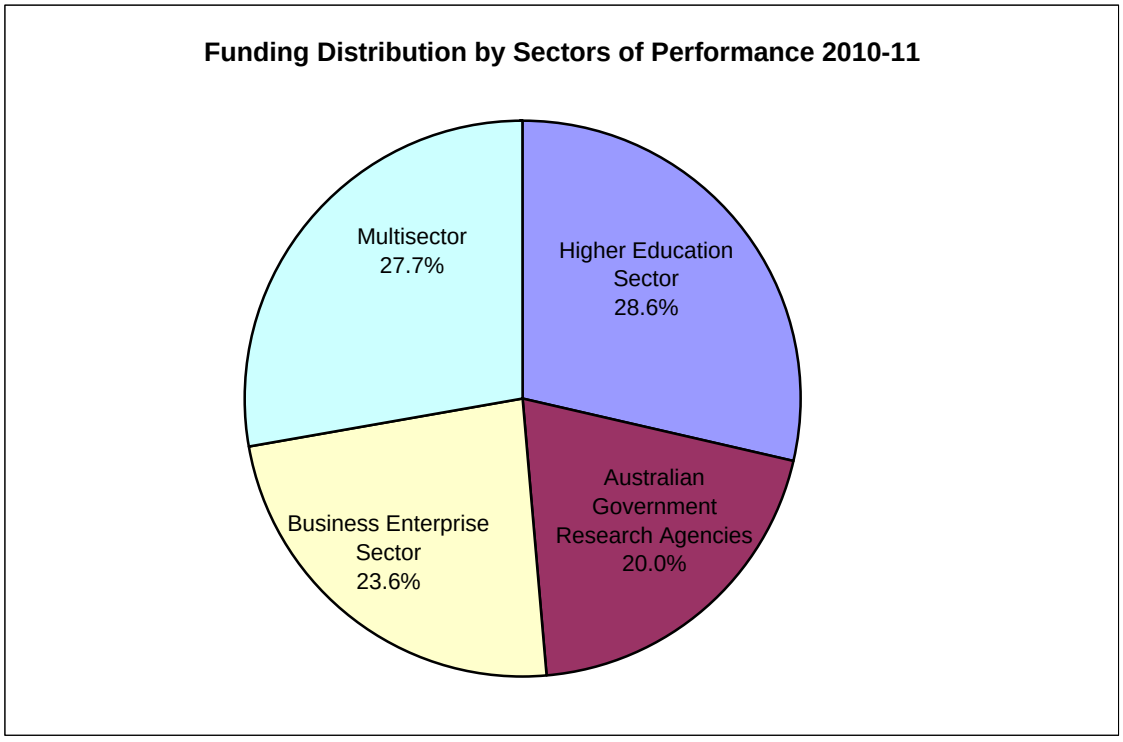

TABLE 3. MAJOR R&D GRANTING PROGRAMS AND OTHER SUPPORT FOR SCIENCE, RESEARCH AND INNOVATION THROUGH THE BUDGET [a,b]

PORTFOLIO / PROGRAM	*Ref. no.* [a]	*2001-02* $m	*2002-03* $m	*2003-04* $m	*2004-05* $m	*2005-06* $m	*2006-07* $m	*2007-08* $m	*2008-09* $m	*Estimated Actual 2009-10* $m	*Budget Estimate 2010-11* $m
AGRICULTURE, FISHERIES AND FORESTRY [c]											
Centres of Excellence - Biosecurity Risk Analysis and Research	14	0.0	0.0	0.0	0.4	1.7	1.7	1.7	1.7	1.7	1.7
Centres of Excellence - National Food Industry Strategy	6	0.0	0.9	3.0	3.4	2.4	2.3	0.0	0.0	0.0	0.0
Climate Change Research Program	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	15.0
Fishing Industry Research	12	15.8	25.5	27.9	31.7	32.8	28.0	14.9	21.4	16.4	16.4
Food Innovation Grants - National Food Industry Strategy	6	0.0	1.9	8.9	10.8	15.4	13.1	13.1	0.0	0.0	0.0
Grains	12	40.8	39.2	39.2	35.1	35.1	35.8	37.5	42.2	50.4	47.1
Horticulture Research	12	29.5	30.2	30.0	30.0	32.9	34.0	36.2	32.4	38.5	38.5
Land & Water Research	12	11.6	11.9	12.2	12.5	12.5	12.8	13.0	13.0	6.7	0.0
Meat Research	12	23.5	26.3	28.5	35.6	36.3	37.6	45.0	42.8	40.3	41.8
National Weeds and Productivity Research Program	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	4.2	4.0
New Industries Development Program	6	3.8	4.0	3.2	3.5	2.6	2.0	2.3	0.2	0.0	0.0
Other Rural Research	12	36.6	40.1	41.9	37.7	37.8	47.6	50.8	45.9	46.8	46.8
Regional Food Producers/Seafood Industry Innovation and Productivity Program	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	7.0
Rural Industries R&D Corporation	12	17.2	14.9	14.8	14.6	14.9	14.9	13.4	13.3	10.4	10.5
Wool Research	12	22.5	16.2	16.2	13.7	16.2	11.6	12.1	12.2	10.4	10.8
BROADBAND, COMMUNICATIONS AND THE DIGITAL ECONOMY											
ICT Centre of Excellence	5	0.0	10.3	11.3	17.2	23.5	24.0	26.8	27.3	25.4	25.9
CLIMATE CHANGE AND ENERGY EFFICIENCY											
Australian Climate Change Science Program	13	0.0	0.0	0.0	6.7	6.6	8.3	8.3	8.8	7.8	7.8
Bilateral Climate Change Partnerships Program [d]	13	0.0	0.0	0.0	0.2	0.1	1.1	1.2	6.5	0.0	0.0
National Carbon Accounting System	13	4.8	3.2	3.6	0.0	0.0	0.0	2.5	3.2	3.2	3.2
National Carbon Accounting Toolbox	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0
DEFENCE											
DMO - Capability Technology Demonstrator - Extension Program	14	0.0	0.0	0.0	0.0	0.0	0.0	2.2	10.9	10.4	11.2
DMO - Defence Industry Innovation Centre	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	4.5
EDUCATION, EMPLOYMENT AND WORKPLACE RELATIONS											
Bond University - Grant for Clinical Education and Research Centre Building	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0
Bond University - Grant for Health Science and Medicine Building	9	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0
ENVIRONMENT, WATER, HERITAGE AND THE ARTS											
Australian Biological Resources Study	13	4.5	3.7	3.1	3.0	3.0	1.9	2.0	2.0	2.0	2.0
Australia Council - Synapse Program	14	0.0	0.0	0.1	0.0	0.3	0.1	0.1	0.2	0.2	0.1
Commonwealth Environment Research Facilities	13	0.0	0.0	0.0	0.0	2.9	15.5	23.0	25.4	24.4	23.3
Emissions Measurement and Analysis [d]	13	0.0	0.0	0.0	7.7	6.8	6.3	6.1	6.6	0.0	0.0
Greenhouse Gas Abatement Program	13	9.0	11.2	38.9	15.4	13.3	17.7	7.9	1.5	0.0	0.0
Greenhouse Research (NGRP)	13	3.9	3.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Low Emissions Technology and Abatement	13	0.0	0.0	0.0	0.9	2.0	6.7	3.1	1.7	0.0	0.0
Marine and Biodiversity Research	13	0.0	0.0	0.0	1.8	2.1	9.6	8.5	13.9	6.4	4.2
Reef Water Quality	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	3.0
Renewable Energy Commercialisation Program	13	8.9	9.2	9.2	2.9	1.7	1.5	0.0	0.0	0.0	0.0
Renewable Energy Equity Fund	13	2.5	1.9	3.4	0.4	1.3	0.8	1.8	0.0	0.0	0.0
HEALTH AND AGEING											
Adult Stem Cell Research Centre	10	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	0.0
Anti-Doping Research Program (ADRP)	14	0.8	0.8	0.9	0.6	0.5	0.6	1.2	1.3	0.8	0.9
Attacking Lung Cancer	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.4
Cancer Data	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
Cancer Research	10	0.0	0.0	0.0	0.0	3.0	5.1	5.7	5.9	4.4	4.4
Cooperative Research Centre for Aboriginal and Torres Strait Islander Health	10	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Health Sciences - Australian Longitudinal Study on Women's Health [e]	10	0.8	0.9	1.7	1.1	1.4	1.4	1.4	1.4	1.3	1.4
Investing in Hearing Research	10	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.4	4.5
Medical Research Infrastructure Projects	10	0.0	0.0	31.2	0.0	215.0	435.8	0.0	64.8	100.7	223.8
National Cancer Plan - Boost Cancer Research	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0
National Illicit Drug Strategy Research	10	0.0	0.0	0.0	0.2	0.2	0.7	0.5	0.3	0.5	0.5
National Public Health Communicable Disease Control - Research Centres	10	0.0	0.0	0.0	0.0	8.2	8.2	8.5	8.9	9.0	9.2
NHMRC Research Grants [f]	10	243.0	290.4	332.4	369.4	403.5	474.0	566.1	707.3	723.3	791.7
Onemda VicHealth Koori Health Unit - University of Melbourne	10	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Pandemic Vaccine Accelerated Development	10	0.0	0.0	0.0	0.0	2.0	2.5	2.5	0.0	0.0	0.0
Primary Care Policy, Innovation and Research	10	0.0	0.0	0.0	0.0	14.6	14.2	16.4	14.6	16.3	14.5
Priority Medical Research	10	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	0.9	0.9
Radiation in Health Care - Safe and Better Use	10	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.3	2.0	2.0
Support for Diabetes Research	10	0.0	0.0	0.0	0.2	4.9	6.8	6.0	9.8	6.7	3.0
Two Dedicated Prostate Cancer Research Centres	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	3.0
INFRASTRUCTURE, TRANSPORT, REGIONAL DEVELOPMENT AND LOCAL GOVERNMENT											
Air Cargo X-ray Trials	14	0.0	0.0	0.0	0.0	0.0	4.9	3.8	0.0	0.0	0.0
Liquids, Aerosols and Gels Screening Technology Trials	14	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.5	0.0	0.0
Low Volume Roads Research	14	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.6	0.3	0.1
Payments to Austroads/ARRB Transport Research Ltd.	14	1.8	1.8	1.9	1.9	2.2	2.2	2.8	2.9	3.1	3.2
INNOVATION, INDUSTRY, SCIENCE AND RESEARCH											
Anglo-Australian Observatory	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.5
Australian National University Research Infrastructure Projects	9	0.0	0.0	0.0	0.0	125.0	0.0	0.0	0.0	0.0	0.0
Australian Square Kilometre Array (SKA) Pathfinder Telescope [g]	14	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.1	1.3	1.1
Australian Space Research Program and Space Policy Unit	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	12.2
Australian Synchrotron Contribution	14	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0
Automotive Competitiveness and Investment Scheme	6	142.6	134.8	128.7	130.4	145.7	168.9	178.4	202.4	233.8	137.0
Automotive Transformation Scheme	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0
Biotechnology Innovation Fund [h]	6	4.0	11.9	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Building Information Technology Strengths – Advanced Networks Program	6	21.9	8.8	6.6	8.0	7.0	5.0	0.0	0.0	0.0	0.0
Building Information Technology Strengths – Incubators	6	22.7	16.1	11.6	12.6	10.6	5.0	3.5	0.0	0.0	0.0
Building Information Technology Strengths – Intelligent Island (Tas.)	6	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Clean Business Australia - Climate Ready Program	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	37.6	18.5
Commercial Ready Program [h, i]	5	0.0	0.0	0.0	152.1	163.4	172.1	186.0	132.3	41.3	11.7
Commercialising Emerging Technologies (COMET) [i]	6	12.2	11.4	8.7	7.9	8.4	9.7	14.0	13.5	11.2	7.6
Commercialisation Australia [i]	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	31.9
Commonwealth Strategic Relationship with ANU											
· Australian National Institute for Public Policy	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
· Australian Centre on China in the World	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2
· National Security College	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
· Sir Roland Wilson Foundation	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Collaborative Research Networks	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7
Cooperative Research Centres (CRC)	11	145.3	148.6	201.8	194.5	208.1	189.3	211.9	182.3	178.9	172.6

TABLE 3 - CONTINUED.

PORTFOLIO / PROGRAM	*Ref. no.* [a]	*2001-02 $m*	*2002-03 $m*	*2003-04 $m*	*2004-05 $m*	*2005-06 $m*	*2006-07 $m*	*2007-08 $m*	*2008-09 $m*	*Estimated Actual 2009-10 $m*	*Budget Estimate 2010-11 $m*
EMBL Partner Laboratory	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0
Enterprise Connect Innovation Centres	6	0.0	0.0	0.0	0.0	0.0	0.0	5.3	6.9	1.0	0.9
Excellence in Research for Australia (ERA)	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	1.4
Green Car Innovation Fund	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.7	103.5
Industry Co-operative Innovation Program	6	0.0	0.0	0.0	0.0	1.9	3.7	4.5	5.2	4.2	1.5
Industry Innovation Program (Includes R&D Start Grants) [h]	5	207.0	115.5	132.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Information Technology Online (ITOL)	6	0.8	2.3	2.2	1.9	2.2	1.3	0.0	0.0	0.0	0.0
Innovation Access Program – Industry (IAccP) [h]	5	0.0	5.0	11.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Innovation Investment Fund including Innovation Investment Follow-on Fund [i]	6	27.3	24.7	17.6	19.6	14.7	12.3	12.1	8.1	121.8	23.4
Intermediary Access Program (Pilot)	6	0.0	0.0	0.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0
International Education and Training (Australia-India Strategic Research Fund)	6	0.0	0.0	0.0	0.0	0.0	0.0	2.1	6.9	5.6	9.5
International Science Linkages [j]	14	4.1	7.6	7.6	9.3	10.2	11.1	11.4	11.7	10.1	12.3
James Cook University - Cairns Institute Tropical Innovation Hub	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
Major National Research Facilities [k]	14	4.5	25.0	38.5	42.3	42.2	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Producer R&D Scheme	5	0.0	0.0	0.0	0.0	6.7	12.0	15.0	15.9	12.7	28.0
National Collaborative Research Infrastructure Strategy [l]	14	0.0	0.0	0.0	0.0	13.1	78.2	120.6	102.8	105.3	107.1
National Enabling Technologies Strategy	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9
National Measurement Institute	5	0.0	0.0	0.0	8.0	8.0	8.0	8.5	8.5	9.0	9.0
National Stem Cell Centre	5	0.8	3.6	4.6	5.8	7.1	6.5	6.0	5.5	5.0	4.5
Pharmaceutical Industry Investment Program	5	14.0	16.4	59.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Pharmaceutical Partnerships Program	5	0.0	0.0	0.0	4.2	12.4	21.6	26.9	25.3	0.0	0.0
Pre-Seed Fund [i]	6	0.0	4.2	6.4	6.7	12.5	8.8	11.1	6.9	13.1	3.0
R&D Start Loans program	5	16.1	7.8	11.8	10.4	1.5	0.0	0.0	0.0	0.0	0.0
Shipbuilding Innovation Scheme	6	6.4	8.7	7.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
Small-Scale Mammalian Cell Production Facility	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
Société Internationale de Télécommunications Aéronautiques	6	2.3	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Software-Engineering Australia	6	3.3	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Technology Diffusion Program	6	14.2	12.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Test-It	6	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PRIME MINISTER AND CABINET											
Research Support for Counter Terrorism	14	0.0	0.0	0.0	1.0	2.0	2.1	4.0	4.4	4.0	3.3
US Department of Homeland Security Collaborative Research	14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.4
US Technical Support Working Group (TSWG) Collaborative Research	14	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.3	0.3	0.4
RESOURCES, ENERGY AND TOURISM											
Advanced Electricity Storage Technologies	13	0.0	0.0	0.0	0.0	0.2	0.8	6.1	7.8	0.0	0.0
Clean Energy Initiative [m]											
· Australian Centre for Renewable Energy	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.1	104.4
· Australian Solar Institute	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.8	25.0
· National Low Emission Coal Initiative	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.6	102.9
Energy Innovation Fund	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
Global Carbon Capture and Storage Institute	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.7	100.0	100.0
Low Emissions Technology Demonstration Fund	13	0.0	0.0	0.0	0.8	1.5	1.3	54.6	0.0	38.1	76.5
National Clean Coal Initiative	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.0
Otway Basin Pilot Project	13	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.6	0.0	0.0
Renewable Energy Fund	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0
Wind Forecasting Capability	13	0.0	0.0	0.0	0.9	4.5	4.0	3.2	1.3	0.0	0.0
TOTAL		**1,151.5**	**1,117.9**	**1,343.0**	**1,280.9**	**1,773.6**	**2,074.6**	**1,857.7**	**2,086.3**	**2,505.1**	**2,630.0**

Notes:

a. The financial information has been supplied and confirmed by the departments and agencies responsible for administering the programs listed in the Table. Reference numbers in Column 2 reconcile program expenditures with their respective sector aggregates in Table 1.

b. Departmental expenses attributable to the administration of programs are excluded from the data in accordance with the recommendations of the Frascati Manual (2002, OECD).

c. The R&D expenditures for wool, meat, other rural research, fish, horticulture and grains sectors exclude that component of Australian Government outlays funded from industry levies. Industry Contributions - Rural Research Levies (estimated proportion of levies attributable to research purposes - $m) are presented in the table below:

Industry Contributions

SECTOR	*2001-02 $m*	*2002-03 $m*	*2003-04 $m*	*2004-05 $m*	*2005-06 $m*	*2006-07 $m*	*2007-08 $m*	*2008-09 $m*	*2009-10 $m*	*2010-2011 $m*
Wool	56.3	62.6	40.4	40.4	42.0	46.5	45.1	41.7	31.5	32.2
Meat	15.9	19.4	20.5	21.1	21.8	22.1	30.6	34.8	33.7	33.9
Wheat	37.1	39.4	41.4	41.5	41.5	27.6	40.4	31.1	42.3	38.3
Other Grains	24.8	25.6	28.2	25.7	25.9	23.2	36.4	30.8	30.0	24.8
Special Rural	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fish	4.4	5.0	6.1	2.0	5.7	5.7	0.8	0.2	0.1	0.1
Horticulture	10.4	22.4	25.3	26.5	26.5	16.8	18.8	18.7	20.4	21.0
Other Rural Research										
Chicken Meat	0.9	1.1	1.1	1.1	1.1	1.4	1.0	1.1	1.1	1.1
Cotton	5.0	7.2	3.4	3.5	4.1	4.2	2.0	2.2	3.3	3.4
Dairying	11.5	12.9	16.3	31.0	31.0	31.0	28.0	27.3	28.9	29.2
Dried Fruit [n]	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grape & Wine	7.4	7.8	7.7	7.9	7.9	13.2	9.9	12.5	12.1	12.6
Honey	0.2	0.2	0.2	0.2	0.2	0.5	0.3	0.3	0.3	0.3
Pig Industry	11.8	13.3	13.3	13.5	13.5	12.1	3.2	4.0	4.3	4.7
Egg Industry	0.7	0.5	5.3	4.4	4.4	4.1	0.8	0.9	0.8	1.2
Sugar	4.3	5.3	5.5	5.5	5.5	5.1	4.8	4.5	4.4	4.4
Tobacco [o]	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Forestry	3.0	3.0	3.8	3.8	3.8	3.6	4.6	5.2	4.7	5.3
Rural Industries R&D Corporation	0.0	0.0	0.0	2.6	3.0	4.9	0.8	0.4	1.7	2.0
Total	**194.9**	**226.3**	**218.5**	**230.8**	**237.9**	**222.0**	**227.4**	**215.8**	**219.4**	**214.4**

d. Funding for this item is not reported in 2009-10 as it does not have a separate funding allocation.

e. The Australian Longitudinal Study on Women's Health was funded from within existing resources of the health portfolio until 2003. From 2004-05, funding for the study was provided by a new measure called Australian Longitudinal Study on Women's Health. The $1.7m in 2003-04 includes $0.8m from the Office for the Status of Women.

f. Includes funding for applied and basic research across health services, public health, clinical and biomedical research. During 2001-02, the NHMRC changed its accounting policy for the recognition of expenditure on research grants, with consequent adjustments to the appropriations, in line with Australian Accounting Standards (AAS 29) and changes to the Minister for Finance Orders. Adjustments have been made to the estimates to expense funds progressively in each year in which research is conducted, rather than in full when multi-year grant commitments are accepted. Thus the adjustments only reflect changes to the timing of the recognition of expenses and do not impact on the aggregate level of multi-year grants able to be approved each year.

g. Only the DIISR component is included here. The bulk of this program is funded by CSIRO.

h. From 1 July 2004, funding for Biotechnology Innovation Fund, R&D Start Grants and part of the IAP - Industry were combined with the new Commercial Ready funding to form a single program.

i. Programs provide support for commercialisation activities, including proof of concept activities.

j. Following the transfer of the science functions to the former Department of Education, Science and Training (DEST) at the end of 2001, the administration of the Innovation Access program (IAP) - International S&T, now called International Science Linkages, was transferred to DEST, while administration of the IAP - Industry component had been retained by the former Department of Industry, Tourism and Resources.

k. The National Collaborative Research Infrastructure Strategy (NCRIS) Program is a successor to the Major National Research Facilities (MNRF).

l. The National Collaborative Research Infrastructure Strategy (NCRIS) Program is a successor to the Systemic Infrastructure Initiative.

m. $200 million has been rephased from 2009-10 to 2013-14.

n. This levy is now combined with the Horticulture levy.

o. This levy has ceased.

TABLE 4. ESTIMATED COSTS OF PROGRAMS AND INCENTIVES PROVIDING SUPPORT FOR SCIENCE, RESEARCH AND INNOVATION THROUGH SPECIAL APPROPRIATIONS AND OTHER MEASURES [a, b]

PORTFOLIO / PROGRAM	*Ref. no.* [a]	*2001-02* $m	*2002-03* $m	*2003-04* $m	*2004-05* $m	*2005-06* $m	*2006-07* $m	*2007-08* $m	*2008-09* $m	*Estimated Actual 2009-10* $m	*Budget Estimate 2010-11* $m
EDUCATION, EMPLOYMENT AND WORKPLACE RELATIONS											
Estimate of Other Research and Research Training Support Sourced from the Australian Government [c]	9	431.1	434.3	434.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes Program - ANU Component [d,e,f]	8	157.9	150.7	150.3	154.9	160.7	166.6	167.7	167.5	171.1	174.2
ENVIRONMENT, WATER, HERITAGE AND THE ARTS											
National Oceans Office [g]	14	2.1	3.9	1.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
INNOVATION, INDUSTRY, SCIENCE AND RESEARCH											
Australian Research Council [h]	7	265.8	298.3	399.6	480.9	544.4	570.3	571.8	585.9	652.8	708.7
Clean Energy Initiative	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Education Investment Fund - Super Science											
· Super Science - Future Industries	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	109.0	119.0
· Super Science - Marine and Climate [i]	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	59.0	66.0
· Super Science - Space Science and Astronomy	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0
Education Investment Fund - Round 1											
· Institute of Photonics	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	18.6	9.8
· New Horizons - Monash University Project	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	8.0	11.5
Education Investment Fund - Round 2											
· Australian Institute for Innovative Materials	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	16.0
· Building the Sydney Institute of Marine Science	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	6.0
· Centre for Climate Change and Energy Research	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
· Institute for Marine and Antarctic Studies	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0
· La Trobe Institute for Molecular Sciences	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	34.2
· National Centre for Synchrotron Science	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	15.8
· Smart State Medical Research Centre	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0
· Centre for Neural Engineering	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	10.2
Funding for higher education research promotion [j]	9	2.5	2.4	2.4	2.5	2.2	2.2	3.5	5.6	5.7	5.3
Funding for research and research training provided under HESA (2003) [k]											
· Australian Postgraduate Awards Scheme	9	83.2	87.1	89.5	91.2	93.1	94.1	96.6	101.4	151.1	183.0
· Commercialisation Training Scheme	9	0.0	0.0	0.0	0.0	0.4	5.5	5.5	5.5	5.6	5.7
· Institutional Grants Scheme	8	262.9	286.4	285.2	290.6	296.1	302.0	308.1	311.3	157.3	0.0
· International Postgraduate Research Scholarship Scheme	9	14.0	16.7	17.8	18.1	18.5	18.4	19.2	19.4	19.8	20.2
· Joint Research Engagement Program	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.6	323.7
· Research Infrastructure Block Grants	8	111.2	136.7	160.6	183.0	199.9	203.9	206.0	210.2	214.6	218.5
· Regional Protection Scheme	8	2.0	3.2	5.8	3.0	3.1	6.2	3.2	1.6	0.0	0.0
· Research Training Scheme	8	515.6	528.0	541.9	552.2	562.6	573.9	585.4	591.5	603.9	615.1
· Systemic Infrastructure Initiative	8	23.6	28.4	71.4	39.9	48.7	29.7	0.0	0.0	0.0	0.0
· Sustainable Research Excellence in Universities	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	121.0
Giant Magellan Telescope	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6	19.4
Mount Stromlo Observatory Reconstruction	9	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Replacement of Australia's National Marine Facility - CSIRO	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	50.0
Super Science Fellowships - ARC	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	7.1
Support from the Federation Fund											
· Commonwealth Technology Port	6	3.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
· Institute of Molecular Bioscience	9	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
· National Marine Science Centre	9	4.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tax incentives programs [l]											
· New R&D Tax Incentives [m]	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,470.0
· R&D Tax Concession (125%)	4	280.0	320.0	330.0	370.0	430.0	530.0	620.0	640.0	650.0	170.0
· Premium Tax Concession for Additional R&D (175%)	4	50.0	85.0	100.0	130.0	195.0	320.0	330.0	380.0	350.0	100.0
· R&D Refundable Tax Offset [n]	4	40.0	182.0	235.0	229.0	242.0	195.0	258.0	349.0	522.0	-135.0
· Research and Development Tax Concession - interim transition measure	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.7	1.1
· Pooled Development Funds [o]	6	6.0	7.0	9.0	7.0	9.0	12.0	11.0	10.0	9.0	8.0
· Venture Capital Limited Partnerships [p]	6	0.0	3.0	35.0	9.0	10.0	10.0	11.0	11.0	11.0	11.0
· Exemption from Early Stage Venture Capital Limited Partnerships	6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	9.0	15.0
TOTAL		**2,258.9**	**2,581.7**	**2,876.8**	**2,563.4**	**2,815.8**	**3,039.9**	**3,198.0**	**3,423.5**	**4,178.4**	**4,555.4**

Notes:

a. The financial information has been provided and confirmed by the departments responsible for administering the programs listed in the table. Reference numbers in Column 2 reconcile program expenditures with their respective sector aggregates in Table 1.

b. Departmental expenses attributable to the administration of programs are excluded from the data in accordance with the recommendations of the Frascati Manual (2002, OECD).

c. Following the 2002 Review of Higher Education, the Australian Government announced a package of new higher education policies, to be implemented between 2004 and 2008. The legislation to give effect to the reform package, the Higher Education Support Act 2003 (HESA), was passed by Parliament on 5 December 2003. As a result, this estimate is no longer consistent with the implementation of the new funding arrangements for higher education institutions under the provisions of the HESA and has not been included from 2004-05 onwards.

d. This item refers to funds for research and research training provided to the Institute of Advanced Studies (IAS) of the Australian National University (ANU) through the ANU's operating grant.

e. This was initially referred to as the ANU Institute of Advanced Studies Block Funding. The name has been updated to reflect current DEEWR program name.

f. The estimates for 2010-11 are based on identical breakdown of the National Institutes Program. Actual breakdown has not yet been determined for 2010-11.

g. This program has since 2004-05 been administered as part of the Marine Research program .

h. The ARC was established as an independent statutory authority on 1 July 2001 under the Australian Research Council Act (2001). The funding identified here represents administered funding only.

i. This includes $24m in 2009-10 and 2010-11 for tropical marine research facilities which are the responsibility of the Australian Institute of Marine Science.

j. Includes all supplementary funding to the Learned Academies.

k. The Systemic Infrastructure Initiative has been replaced by the National Collaborative Research Infrastructure Strategy. For an explanation on the disaggregation of the Research Infrastructure Block Grants program and the Research Training Scheme reported in this table, see notes on p.37, *Portfolio Budget Statements 2008-09 - Budget Related Paper No. 1.14 - Innovation, Industry, Science & Research Portfolio* .

l. This data is based on estimates of revenue forgone as published in the Taxation Expenditures Statement 2009 (TES) and earlier issues. The TES estimates, particularly in later years, are revised each year as more data come to hand. Thus, the series here will be revised in the future. The data relates to the financial year when companies undertake the activity for which they subsequently claim a concession of deduction, i.e. they are the estimated costs to revenue that would have occurred if companies had made the tax claim in the same financial year in which the expenditure was incurred. Thus, the data presented in this table are brought forward by one year with respect to that published in the TES, since the TES data series reports data in the year in which revenue is forgone by the Government (normally, the year after expenditure is undertaken by companies). This will bring the time series into alignment with (1) business expenditure on R&D as reported by the Australian Bureau of Statistics, (2) R&D expenditure data as reported by companies registered for the 125% rate, and (3) times series for R&D program data in Tables 2 and 3 above.

m. Includes the refundable and non-refundable components of the new R&D incentive.

n. The Australian Government Treasury has advised that '...the calculation of the R&D Tax Offset given in the table is the sum of the ATO's administered payments for the Offset and the calculation of the tax expenditure in the 2009 Tax Expenditure Statement produced by the Treasury. This calculation is only a proxy for the benefit provided to taxpayers by this measure rather than an exact representation. An exact calculation cannot be constructed as taxpayers future tax positions cannot be calculated at this point. The future tax positions is integral to calculating the value of deductions

o. Pooled Development Funds (PDFs) buy shares in Australian companies and their income includes profits made on the sale of these shares and dividends on holding those shares. A PDF could make an investment but it could be several years before any tax benefits are realised. Therefore, caution should be exercised when analysing these figures with investments made by PDFs in any given year.

p. Figures as reported in the 2009 Tax Expenditure Statement, Item B53 Capital gains tax concession for carried interests paid to venture capital managers.

TABLE 5. AUSTRALIAN GOVERNMENT SUPPORT FOR SCIENCE, RESEARCH AND INNOVATION BY SOCIO-ECONOMIC OBJECTIVES [a]

Socio-Economic Objective [b, c]	*2001-02* $m	*2002-03* $m	*2003-04* $m	*2004-05* $m	*2005-06* $m	*2006-07* $m	*2007-08* $m	*2008-09* $m	*Estimated Actual 2009-10* $m	*Budget Estimate 2010-11* $m	*% of 2010-11 Expenditure* %	*% of Total Government Expenditure 2010-11* %
01. Exploration and exploitation of the earth	296.0	299.7	318.1	331.0	354.9	388.3	422.7	438.3	547.9	447.7	*5.0*	0.13
02. Environment	133.2	141.2	189.0	172.8	185.1	208.6	236.4	234.9	379.6	397.8	*4.5*	0.12
03. Exploration and exploitation of space	7.1	4.7	13.0	5.1	4.9	4.7	6.3	7.3	76.1	69.6	*0.8*	0.02
04. Transport, telecommunication and other infrastructures	53.6	72.1	92.3	104.3	120.1	127.4	134.0	149.0	233.5	356.8	*4.0*	0.10
05. Energy	84.0	121.6	137.0	152.9	194.1	227.9	259.9	402.1	503.3	619.9	*6.9*	0.18
06. Industrial production and technology	1,058.6	1,089.2	1,246.7	1,234.4	1,351.1	1,480.0	1,693.3	1,649.4	1,957.7	1,868.8	*20.9*	0.54
07. Health	357.9	419.1	528.2	530.5	829.5	1,124.2	838.1	1,043.4	1,111.7	1,308.8	*14.7*	0.38
08. Agriculture	355.9	380.1	425.6	434.4	469.0	478.2	497.9	515.4	539.2	539.1	*6.0*	0.16
09. Education [d]	9.4	10.9	14.2	16.2	16.8	17.9	19.6	20.4	21.3	26.5	*0.3*	0.01
10. Culture, recreation, religion and mass media [d]	73.2	79.3	76.5	73.9	87.8	116.6	131.9	145.7	175.1	92.7	*1.0*	0.03
11. Political and social systems, structures and processes [d]	55.6	84.0	104.6	117.4	124.3	134.2	151.0	166.6	208.9	250.1	*2.8*	0.07
12. General advancement of knowledge: R&D financed from General University Funds (GUF)	1,443.6	1,520.8	1,606.9	1,178.0	1,360.7	1,312.0	1,344.6	1,343.7	1,352.0	1,498.3	*16.8*	0.43
13. General advancement of knowledge: R&D financed from other sources than GUF	406.4	432.1	579.6	526.5	518.3	550.1	496.8	559.1	793.8	947.4	*10.6*	0.27
14. Defence	289.7	308.2	322.0	345.3	385.4	447.4	449.8	489.7	509.7	500.0	*5.6*	0.14
TOTAL	**4,624.4**	**4,962.8**	**5,653.7**	**5,222.7**	**6,002.1**	**6,617.4**	**6,682.2**	**7,165.1**	**8,409.8**	**8,923.4**	**100.0**	**2.59**

Notes:

a. Table 5 represents the total Commonwealth support for science, research and innovation through the Budget and other appropriations allocated by broad socio-economic objective (SEO) categories, classified according to the Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets (NABS) 2007 SEO classification. The allocation of Budget funds corresponds to the primary intention of the funder. Hence, the allocation according to the SEO categories may vary from that reported in the R&D surveys of the Australian Bureau of Statistics (ABS).

b. The socio-economic objective (SEO) nomenclature is in accordance with the OECD's Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets (NABS) 2007 for reporting Government Budget Appropriations or Outlays on R&D (GBAORD), and reflects the recommendations of the Frascati Manual (6th edition, 2002, OECD).

c. Figures previously reported against the NABS 1992 SEO category of 'Other civil research' have been allocated across NABS 2007 categories 01-13.

d. Under the NABS 1992 SEO classification, these socio-economic objectives were combined 'Social structures and relationships'.