

TABLE 1 Summary of Major Commonwealth Support for Science and Innovation, through the Budget and Other Measures — \$m actual cost in year incurred

	<i>Outlays</i>									
	<i>1994-95</i>	<i>1995-96</i>	<i>1996-97</i>	<i>1997-98</i>	<i>1998-99</i>	<i>est cash*</i> <i>1999-00</i>	<i>accr</i> <i>1999-00</i>	<i>accr</i> <i>2000-01</i>	<i>est accr</i> <i>2001-02</i>	<i>est accr</i> <i>2002-03</i>
MAJOR FEDERAL RESEARCH AGENCIES										
• DSTO	247.4	267.6	254.9	245.5	249.2	255.1	269.3	291.8	332.8	337.9
• CSIRO	460.8	416.7	433.9	466.8	475.4	495.7	617.1	611.0	612.5	639.6
• Other R&D Agencies	232.0	239.4	283.3	260.0	248.5	249.3	320.2	415.2	506.6	542.7
• SUB-TOTAL	940.2	923.6	972.2	972.3	973.1	1000.2	1206.6	1318.1	1451.9	1520.2
SCIENCE AND TECHNOLOGY SUPPORT										
• NH&MRC and other health	151.8	163.0	166.1	173.6	193.7	186.3	186.3	308.9	281.7	339.2
• Cooperative Research Centres	103.7	132.7	143.1	146.9	142.3	137.5	137.5	139.8	146.5	148.6
• Rural	130.5	126.5	126.0	140.5	150.2	138.2	138.2	139.9	157.0	154.0
• Energy and environment	19.1	19.6	11.4	25.2	8.0	8.6	8.7	15.0	19.3	23.8
• Other science support	7.7	14.1	24.6	28.5	12.7	18.3	18.3	14.8	16.0	26.2
SUB-TOTAL	412.8	456.1	471.1	514.7	506.9	488.8	488.9	618.4	620.5	691.8
INNOVATION SUPPORT										
• IR&D tax concession ¹	698	825	525	430	463	490	490	463	497	529
• R&D Start	-	-	62.4	102.7	130.7	154.9	154.9	155.3	205.3	142.0
• Other innovation support	133.3	129.4	65.4	37.7	97.1	124.2	124.2	94.6	178.1	202.6
SUB-TOTAL	831.3	954.4	652.8	570.4	690.8	769.1	769.1	712.9	880.4	873.6
HIGHER EDUCATION RESEARCH										
• ARC								246.1	270.7	356.1
• Other R&D support								1529.7	1606.7	1669.8
SUB-TOTAL ²	1380.8	1505.3	1613.2	1677.9	1739.7	1748.1	1783.1	1775.8	1877.4	2025.9
TOTAL COMMONWEALTH SUPPORT	3565	3839	3709	3735	3911	4006	4248	4425	4830	5111
% GDP	0.758	0.764	0.700	0.665	0.660	0.637	0.675	0.658	0.680	0.681

NOTE: From 1999-00 the Commonwealth Budget is reported under accrual accounting rules but the prior years' financial data shown in this table are still reported on a cash basis.

SOURCE: Aggregated from Tables 2, 3 and 4.

* Estimated to approximate cash accounting expenditure of earlier years.

- (1) The amounts indicated for the R&D tax concession are *estimates* only and are rounded to indicate this. The estimates presented in the table relate to the year in which companies undertake the R&D for which they subsequently claim the concession. They depend on data published in the *Taxation Expenditures Statement 2001* and will require revision as new taxation data become available. See footnote 7 to Table 4 for further detail.
- (2) New arrangements regarding funding and operation of the Australian Research Council (ARC) mean that the previously published breakdown between ARC and other R&D support is not comparable with that shown for 2000-01 onwards. However, the sub-totals shown are comparable throughout the series. The ARC was established under its own Act from July 2001.

TABLE 2 Major Commonwealth Research Agencies — Budget Outlays (\$m)

	Outlays									
	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	accr 1999-00	accr 2000-01	est accr 2001-02	est accr 2002-03
AGRICULTURE, FISHERIES AND FORESTRY										
Contribution to CSIRO for Aust Animal Health Labs	5.9	6.2	5.8	6.0	6.1	6.1	6.1	5.8	5.9	6.0
DEFENCE										
Defence Science and Technology Organisation ¹	268.5	247.4	267.6	254.9	245.5	249.2	269.3	291.8	332.8	337.9
EDUCATION, SCIENCE & TRAINING										
CSIRO	460.4	460.8	416.7	433.9	466.8	475.4	617.1	611.0	612.5	639.6
Kraft Pulp Mill study (CSIRO)	1.9	-	-	-	-	-	-	-	-	-
Aust Nuclear Science & Technology Organisation ²	64.2	66.2	65.6	63.7	72.7	74.5	104.6	186.0	250.1	286.1
Australian Institute of Marine Science	16.9	16.5	16.6	16.4	16.4	18.5	25.0	26.1	27.3	29.5
Anglo-Aust Telescope	3.1	3.0	3.2	3.3	3.5	3.6	3.7	3.7	3.8	3.9
ENVIRONMENT & HERITAGE										
Antarctic Division	61.0	61.3	63.1	59.4	61.9	62.7	93.9	104.8	107.9	102.3
Bureau of Meteorology Research Centre ³ (BMRC)	3.6	3.6	4.0	4.4	4.5	4.4	10.2	11.2	11.5	10.5
Environmental Research Institute of the Supervising Scientist	6.6	6.5	6.0	5.4	4.3	4.2	6.5	7.4	8.4	7.4
HEALTH & AGED CARE										
Australian Institute of Health & Welfare (excl. grants)	7.2	8.1	7.1	7.6	7.7	7.7	8.1	7.9	8.0	7.9
CSL ⁴	16.7	-	-	-	-	-	-	-	-	-
INDUSTRY, TOURISM & RESOURCES										
Geoscience Australia ⁵	50.9	60.5	68.0	117.1	82.9	66.8	62.1	62.4	83.7	89.0
TOTAL	967.0	940.2	923.6	972.2	972.3	973.1	1206.6	1318.1	1451.9	1520.2

NOTE: From 1999-00 the Commonwealth Budget is reported under accrual accounting rules but the prior years' financial data shown in this table are still reported on a cash basis.

SOURCE: Financial data have been provided and confirmed by the departments responsible for the programs as listed in the table.

- (1) DSTO expenditures shown here include costs associated with estate management and administrative support provided by other Defence Groups. The significant increase in 2001-02 is due to an internal reassessment within Defence of the cost of corporate support services provided to each Group
- (2) The outlays in 1996-97 and 1997-98 included major expenditure on capital works.
- (3) The accrual data include items such as superannuation, overheads, and funds in trust accounts, which were not included in the cash expenditure data.
- (4) Excludes Budget funding for the CSL Reference Centre, which was mainly for the production of antivenom rather than R&D.
- (5) The outlays in 1996-97 and 1997-98 included major expenditure on capital works. In 2001-02 AGSO merged with AUSLIG to become Geoscience Australia

TABLE 3 Major R&D Granting Programs and other Support for Science and Innovation through the Budget (\$m)

	<i>Outlays</i>									
	<i>1993-94</i>	<i>1994-95</i>	<i>1995-96</i>	<i>1996-97</i>	<i>1997-98</i>	<i>1998-99</i>	<i>accr 1999-00</i>	<i>accr 2000-01</i>	<i>est accr 2001-02</i>	<i>est accr 2002-03</i>
AGRICULTURE, FISHERIES AND FORESTRY¹										
Wool Research	12.0	15.1	11.7	10.4	7.2	9.6	9.2	9.0	23.4	15.6
Meat Research	22.1	25.1	22.6	21.1	22.8	21.4	20.2	20.2	18.8	18.8
Fishing Industry Research	8.5	9.2	10.4	11.3	11.2	12.1	13.1	12.8	13.2	16.7
Grains	21.2	23.3	21.3	29.1	33.8	33.6	31.9	34.0	37.3	37.1
Horticulture Research	9.6	10.7	11.4	12.0	11.4	15.3	15.8	15.8	15.8	15.8
Land & Water research	11.8	11.3	10.6	9.8	10.8	11.0	11.0	11.3	11.6	11.9
Rural Industries R&D Corporation	10.5	10.5	10.5	5.6	10.8	11.0	3.8	3.7	15.2	15.5
Other rural research	21.3	25.5	28.0	26.7	32.5	36.2	33.2	33.1	21.7	22.6
New Industries Development Program	-	-	-	-	-	-	1.0	1.0	4.1	4.0
Food innovation grants	-	-	-	-	-	-	-	-	-	4.7
Centres of excellence	-	-	-	-	-	-	-	-	-	2.1
COMMUNICATIONS, INFORMATION TECH & the ARTS										
ICT Centre of Excellence	-	-	-	-	-	-	-	-	3.0	7.3
Building Information Technology Strengths - Incubators	-	-	-	-	-	-	19.5	6.0	21.2	17.3
Building Information Technology Strengths - Intelligent Island (Tas.)	-	-	-	-	-	-	20.0	0.0	20.0	0.0
Information Technology Online (ITOL)	-	-	-	-	-	-	-	1.8	2.3	2.5
Software Engineering Australia	-	-	-	-	-	1.2	3.9	6.5	3.3	2.0
Test-IT	-	-	-	-	-	-	-	-	1.1	0.5
Societe Internationale De Telecommunications Aeronautiques International Organisation (SITA)	-	-	-	-	-	1.7	2.2	2.3	2.2	1.8
Advanced Networks Program	-	-	-	-	-	-	-	-	21.9	8.8
ENVIRONMENT & HERITAGE										
Aust Biological Resources Study	2.3	2.0	1.8	1.3	1.0	1.4	2.0	1.6	1.8	1.8
Greenhouse research (NGRP)	5.8	6.0	6.0	3.5	3.6	3.1	4.0	3.8	4.1	3.8
Renewable Energy Comm. Program	-	-	-	-	-	-	-	6.8	10.0	15.7
Renewable Energy Equity Fund	-	-	-	-	-	2.0	2.7	2.8	3.4	2.5
Energy research	11.0	11.1	11.8	6.6	20.6	1.5	-	-	-	-
EDUCATION, SCIENCE & TRAINING										
Cooperative Research Centre Grants	90.6	103.7	132.7	143.1	146.9	142.3	137.5	139.8	146.5	148.6
National Research Facilities	-	-	6.4	17.0	20.9	10.7	4.8	4.9	3.5	19.2
Innovation Access Program ² - internat, S&T	-	-	-	-	-	-	-	-	4.1	6.7
Research evaluation and Academies	2.0	2.1	2.1	2.2	2.0	2.5	2.3	2.6	2.4	2.4
Targeted Institutional Links Program	1.4	1.4	0.8	0.5	0.5	-	-	-	-	-
HEALTH & AGED CARE										
NH&MRC Research Grants ³	120.8	126.7	141.3	152.4	158.9	176.0	186.3	308.9	281.7	339.2
Capital Works for Medical Institutes	10.0	13.0	9.6	2.0	2.7	5.7	-	-	-	-
AIDS Research	11.6	12.1	12.1	11.7	12.0	12.0	-	-	-	-
INDUSTRY, TOURISM & RESOURCES										
Industry Innovation Program (includes R&D Start Grants)	-	-	-	-	-	-	154.9	155.3	205.3	142.0
R&D Start Loans Program	-	-	-	-	-	-	15.9	12.8	16.9	16.2
COMET	-	-	-	-	-	-	2.1	8.9	12.2	11.7
Industry Innovation Program	40.3	45.6	50.4	62.4	102.7	130.7	-	-	-	-
Innovation Investment Fund ⁴	-	-	-	-	4.0	21.3	35.2	25.3	24.5	59.3
Pre-Seed Fund	-	-	-	-	-	-	-	-	-	14.7
Biotech Centre of Excellence	-	-	-	-	-	-	-	-	0.8	3.6
Biotechnology Innovation Fund	-	-	-	-	-	-	-	-	4.9	16.1
Innovation Access Program - industry	-	-	-	-	-	-	-	-	-	7.9
Technology Diffusion Program	-	-	-	-	-	12.8	15.9	14.2	12.9	4.2
Technology Support Centres	-	3.9	12.2	7.2	13.7	-	-	-	-	-
International S&T Program	5.4	5.5	5.6	5.6	5.6	-	-	-	-	-
National Space Program	5.4	9.0	2.7	1.7	0.5	1.5	-	-	-	-
Shipbuilding Innovation Scheme	-	-	-	-	-	-	5.5	7.8	10.1	10.9
Assistance under the Bounty ⁵ (Computers) Act 1984	78.0	74.8	64.1	56.5	19.5	58.6	-	-	-	-

NOTE: From 1999-00 the Commonwealth Budget is reported under accrual accounting rules but the prior years' financial data shown in this table are still reported on a cash basis.

TABLE 3 Major R&D Granting Programs and other Support for Science and Innovation through the Budget (\$m) (continued)

	Outlays									
	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	accr 1999-00	accr 2000-01	est accr 2001-02	est accr 2002-03
TRANSPORT & REGIONAL SERVICES										
Payments to Austroads/ARRB										
Transport Research Ltd	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.4	2.4	2.4
TOTAL	503.9	549.6	588.4	601.6	657.6	737.2	755.8	855.5	984.8	1034.2

NOTE: From 1999-00 the Commonwealth Budget is reported under accrual accounting rules but the prior years' financial data shown in this table are still reported on a cash basis.

SOURCE: Financial data have been provided and confirmed by the departments responsible for the programs as listed in the table. Expenses attributable to the administration of programs are excluded from the data.

- (1) For consistency, the expenditure figures for Wool, Meat, Other Rural Research, Fish, Horticulture and Grains exclude that component of Commonwealth outlays funded from industry levies. The component of outlays provided by way of industry levy or contribution is given in the following table:

INDUSTRY CONTRIBUTION (Rural Research Levies)

(estimated proportion of levies attributable to research purposes — \$m)

	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
Wool	12.45	19.50	10.94	12.79	13.09	10.53	11.97	11.81	56.31	56.31
Meat	24.65	23.52	22.40	23.13	24.50	12.31	21.33	23.52	15.93	16.00
Grains										
- Wheat	19.95	16.28	33.65	35.17	32.02	31.64	29.05	27.37	37.14	37.82
- Other Grains	12.61	8.51	17.18	19.48	20.39	17.97	17.75	21.13	24.79	24.78
Special Rural	1.03	1.32	1.57	1.39	1.87	1.80	-	-	-	-
Fish	2.01	2.41	2.46	2.52	2.88	3.30	3.61	3.57	5.23	5.49
Horticulture	3.12	3.61	4.28	8.04	9.06	8.86	9.83	10.77	10.44	10.40
Other Rural										
- Chicken Meat	0.67	0.71	0.71	0.79	0.82	0.79	0.84	0.85	0.90	0.90
- Cotton	2.57	2.13	2.90	4.30	5.48	5.57	5.36	5.44	5.00	6.32
- Dairying	6.20	6.13	5.75	8.36	10.94	11.86	14.25	15.71	11.52	11.99
- Dried Fruit	0.46	0.49	0.39	0.79	0.41	0.70	0.70	0.71	0.45	0.45
- Grape & Wine	1.70	2.08	1.91	2.62	2.37	4.60	5.63	5.52	7.35	7.35
- Honey	0.15	0.15	0.15	0.20	0.16	0.18	0.19	0.19	0.20	0.21
- Pig Industry	3.61	3.75	3.57	3.42	3.46	3.47	3.65	3.92	3.57	3.57
- Egg Industry	0.67	0.63	0.68	0.76	0.77	0.71	0.66	0.68	0.71	0.71
- Sugar	4.48	4.89	5.46	5.99	6.17	6.04	5.99	6.17	4.28	4.28
- Tobacco	0.64	0.33	0.49	0.57	0.83	0.63	0.76	0.68	0.63	0.40
- Forestry	-	0.38	1.00	1.72	2.53	2.56	3.14	3.17	3.03	3.03
Total	96.97	96.84	115.49	132.05	137.77	123.51	134.71	141.21	187.47	189.99

- (2) Following the move of science to the new Department of Education, Science and Training (DEST), the Innovation Access Program (IAP) was split between DEST and the Department of Industry, Tourism and Resources (DITR).
- (3) Includes funding for health and health services research grants, and from 1999-2000 also includes AIDS research and the Medical Institutes. During 2001-02 the Department changed its accounting policy for the recognition of expenditure on research grants in line with Australian Accounting Standards (AAS29) 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.
- (4) Appropriated *via* administered capital.
- (5) The Bounty scheme concluded in 1998-99. It provided assistance for local manufacturers of computer hardware, systems software and electronic microcircuits and covered design and development costs.

TABLE 4 Estimated Costs of Programs and Incentives providing support for Science and Innovation outside the Budget (\$m)

	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	accr 1999-00	accr 2000-01	est accr 2001-02	est accr 2002-03
COMMUNICATIONS, INFORMATION TECH & the ARTS										
Support from the Federation Fund										
- Commonwealth Technology Park	-	-	-	-	-	-	3.0	8.0	11.5	-
EDUCATION, SCIENCE & TRAINING										
<i>Former funding framework</i>										
Science Lectureships	-	-	-	-	-	-	4.9	10.1	10.2	-
Special research assistance ^{1,2}	292.0	306.3	346.4	396.5	420.4	451.2	442.9	-	-	-
Funding for ANU										
Institute of Advanced Studies ³	146	147	150	152	151	151	151	-	-	-
Estimated research & research training component sourced in the operating grant ⁴	858	924	1006	1062	1104	1135	1182	-	-	-
<i>Current funding framework:</i>										
Performance based										
block funding for research and research training under HEFA	-	-	-	-	-	-	-	953.0	1032.1	1101.4
Estimate of operating grant funding expended on research ⁵	-	-	-	-	-	-	-	564	562	566
Australian Research Council	-	-	-	-	-	-	-	246.1	270.7	356.1
Support from the Federation Fund										
- National Marine Science Centre	-	-	-	-	-	-	6.0	1.5	4.6	-
- Institute of Molecular Bioscience	-	-	-	-	-	-	5.5	6.0	3.0	0.5
ENVIRONMENT & HERITAGE										
National Oceans Office	-	-	-	-	-	-	-	-	2.5	4.1
INDUSTRY, TOURISM & RESOURCES										
R&D Tax Concession ⁶	685	675	800	500	400	430	450	420	310	330
Premium Tax Concession for additional R&D ^{6,7}	-	-	-	-	-	-	-	-	130	135
R&D refundable tax off-set ^{6,8}	-	-	-	-	-	-	-	-	11	8
Tax deduction for patents, designs and copyright ⁶	23	23	25	25	30	30	35	35	35	40
Pooled Development Funds ^{6,9}	-	-	-	-	-	3	5	8	11	16
TOTAL	2004	2075	2327	2135	2105	2200	2285	2252	2394	2557

NOTE: From 1999-00 the Commonwealth Budget is reported under accrual accounting rules but the prior years financial data shown in this table are still reported on a cash basis.

SOURCE: Financial data have been provided and confirmed by the departments responsible for the programs as listed in the table. Expenses attributable to the administration of programs are excluded from the data.

- (1) Prior to 2000-01, 'special research assistance' included funding for research grants, fellowships, centres, postgraduate awards and infrastructure provided by the Australian Research Council (ARC) and the then Department of Education, Training and Youth Affairs (DETYA).
- (2) This item includes 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. From 2001-02 onwards, new arrangements were introduced to allow the IAS to make contributions from its block fund to gain access to the competitive and formula-driven research schemes of the then DETYA (now DEST), the ARC and the NH&MRC. Funding for 2000-01 onwards is subsumed in the item 'Estimate of operating grant funding sourced for research'.
- (3) This represents an estimate of operating grant expended on research until 1999-2000. The estimate is based on the Australian Bureau of Statistics (ABS) survey of research expenditure of universities by source of funds. One of the sources identified by the ABS is General University Funds (GUF). The universities' operating grant is the major component of GUF, and can be estimated by using the operating revenue figures from DEST (previously DETYA) Selected Higher Education Finance Statistics. A research and research training component of the operating grant can then be calculated by applying the same proportion of GUF attributable to the operating grant, to the R&D funds sourced from GUF (this latter is obtainable from ABS Higher Education R&D surveys for 1994, 1995, 1996, 1998 and 2000). For example, estimates for 1997-98 and 1998-99 are based on year 1998 ABS data, and for 1999-2000 on year 2000 ABS data. Prior to 2000-01, such estimates included any funding for a notional Research Training Component, the Research Quantum and an estimate of all other research funding sourced by universities from the operating grant.
- (4) Performance-based block funding increased in 2002-03 as a result of additional support provided through *Backing Australia's Ability* for the Research Infrastructure Block Grants Scheme and the Systematic Infrastructure Initiative.
- (5) This represents an estimate of operating grant funds expended on research from 2000-01. The estimate is calculated using the same methodology as for 1999-2000 and earlier years, but is a substantially reduced figure as a result of changes to the funding framework that resulted in some programmes no longer being included with the operating grant. Estimates for 2000-01 onwards are based on year 2000 ABS data, using operating grant data for subsequent years, exclusive of capital roll-in.

- (6) The data series is based on estimates of revenue forgone as published in the Taxation Expenditures Statement 2001 (TES) and earlier issues. Note that the TES estimates — particularly in the case of the final years shown — are revised each year as more data comes to hand. Thus the series here will require revision in the future. The data in Table 4 relate to the year when companies undertake the activity for which they subsequently claim a concession or deduction — that is, 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. This means that the data series presented in this table is 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). The bring forward is necessary to bring the time series into alignment with: (1) business expenditure on R&D as reported annually by the Australian Bureau of Statistics; (2) R&D expenditure data as reported by companies registered for the 125% R&D tax concession; and (3) time series for R&D program data in tables 2 and 3 above.
- (7) Supplementing the pre-existing 125% tax concession for industrial R&D, and with effect from 1 July 2001, the Government's Innovation Statement *Backing Australia's Ability* introduced a 175% Incremental (Premium) R&D Tax Concession for companies undertaking additional R&D. Note that the TES estimates provide for downwards adjustment of Pay As You Go tax instalments, particularly with respect to the first year in which the premium applies (with an estimate of \$40m for 2001-02). Since it is inappropriate to bring forward this component of the TES estimates, the bring forward of this series has been adjusted by dividing this first year adjustment for Pay As You Go tax instalments between the subsequent two years to indicate expenditure estimated to occur in those years.
- (8) *Backing Australia's Ability* introduced a tax offset (rebate), with effect from 1 July 2001, that would permit small companies that are in tax loss (and so cannot receive an immediate benefit from the tax concession), to receive a cash payment equivalent to the concession. The offset is available at both the 125% rate and, where eligibility requirements are met, the 175% rate.
- (9) Established in 1992-93, but operating under substantially modified legislation since 1999, Pooled Development Funds are registered investment companies that provide patient equity capital for small or medium sized firms. The Funds are taxed at concessional rates.

TABLE 5 Thematic priorities of Commonwealth Support for Science and Innovation - Budget and other measures

<i>THEMATIC PRIORITIES</i>	<i>1995-96</i>	<i>1996-97</i>	<i>1997-98</i>	<i>1998-99</i>	<i>est cash*</i> <i>1999-00</i>	<i>accr</i> <i>1999-00</i>	<i>accr</i> <i>2000-01</i>	<i>est accr</i> <i>2001-02</i>	<i>est accr</i> <i>2002-03</i>	<i>%Total</i>	<i>%GDP</i>
Primary products	280.0	279.4	299.4	314.3	308.0	339.9	339.2	364.5	374.9	7.3	0.050
Industrial development	1002.4	772.3	722.4	824.6	900.8	946.5	904.3	1072.3	1068.7	20.9	0.142
Energy	122.5	90.9	102.6	83.3	86.1	98.9	123.4	144.5	161.5	3.2	0.022
Transport & telecommunications	49.6	36.1	35.6	36.5	38.1	44.3	43.8	47.4	52.0	1.0	0.007
Urban and rural planning	1.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.000
Prevention of pollution	56.8	52.5	57.3	58.7	62.1	72.8	75.0	74.9	76.6	1.5	0.010
Identification & treatment of pollution	38.0	33.0	32.9	39.7	43.2	51.0	63.2	75.2	82.6	1.6	0.011
Health	225.9	222.2	232.3	259.9	251.1	257.9	391.3	374.5	437.8	8.6	0.058
Social development & services	11.6	10.6	10.9	12.4	13.0	15.4	15.1	15.3	16.1	0.3	0.002
Mining, earth & atmosphere	129.6	189.3	159.0	140.2	136.5	160.2	163.0	187.5	195.4	3.8	0.026
Advancement of Knowledge	1629.5	1741.4	1815.1	1873.6	1892.9	1971.9	1996.3	2121.2	2286.6	44.7	0.305
Defence	292.2	281.2	267.6	267.0	273.9	288.7	310.3	352.4	358.7	7.0	0.048
TOTAL	3839	3709	3735	3911	4006	4248	4425	4830	5111	100	0.681

Note: Table 5 represents the aggregate data from Table 2, 3, 4 re-arranged by broad socio-economic objective (SEO) categories in accordance with general OECD practice for "government budget appropriations on R&D" (GBAORD). The categories are consistent with aggregated groups of the Australian Standard Research Classification (1993 edition). It should be noted that spending of Budget funds does not always adhere to predetermined priorities so Budget items cannot be allocated to SEO categories with precision corresponding to that achieved through the R&D surveys of the Australian Bureau of Statistics. In general, single Budget lines are allocated to a single broad category in the derivation of the Table. The outlays of CSIRO, ANSTO, AIMS and those for the CRC Program are, however, split between a number of categories according to available information.

* Estimated to approximate cash accounting expenditure of earlier years.