

Vote Science and Innovation

MINISTER(S) RESPONSIBLE FOR APPROPRIATIONS: Minister of Science and Innovation (M84)

ADMINISTERING DEPARTMENT: Ministry of Science and Innovation

MINISTER RESPONSIBLE FOR MINISTRY OF SCIENCE AND INNOVATION: Minister of Science and Innovation (M84)

Overview of the Vote

The establishment of the Science and Innovation portfolio has resulted in Vote Research, Science and Technology being renamed Vote Science and Innovation from 1 July 2011.

The Minister of Science and Innovation is responsible for appropriations within the Vote of a total of \$773 million, a net increase of \$5 million. Appropriations in the Vote for the 2011/12 financial year cover the following:

Departmental Operating Appropriations

- Nearly \$36 million (5% of the Vote) is principally for leadership and contract management on Science and Innovation that supports New Zealand's knowledge base, its capacity to innovate, to manage contracts and agreements within the Vote and deliver on the outcome for science and innovation transforming New Zealanders' wealth and wellbeing.

Non-Departmental Operating Appropriations

- Priority investment within science research outcomes is \$707.490 million (92% of the Vote) in 2011/12. The main six science and innovation investment priorities are high value manufacturing and services, biological industries, energy and minerals, hazards and infrastructure, environment, and health and society.
- Priority investment that underpins a successful science system is \$28.171 million (3% of the Vote) in 2011/12. These priorities include access to modern national research facilities, international relationships, Vision Mātauranga capability fund, Marsden Fund and fellowships.

Two boards, a science board and an innovation board-comprising leaders from these sectors have been established. The boards will make independent funding decisions and will advise MSI and Government on the shape and direction of the science and innovation sector.

Capital Appropriations

- Just over \$2 million on information systems for the Ministry of Science and Innovation.

Details of these appropriations are set out in Parts 2-6 for Vote Science and Innovation in the *Information Supporting the Estimates of Appropriations*.

Details of Appropriations

Details of Annual and Permanent Appropriations

Titles and Scopes of Appropriations by Appropriation Type	2010/11		2011/12
	Budgeted \$000	Estimated Actual \$000	Budget \$000
Departmental Output Expenses			
Advice and Support on Shaping the Science and Innovation System MCOA (M84)	27,821	27,821	35,022
<i>Contract Management</i>	602	602	-
Negotiating, managing and monitoring contracts with the Crown's funding and investment agents and with other specific science and technology service providers.			
<i>Policy Advice</i>	7,796	7,796	-
Policy advice on research, science and technology. This includes investment strategies, the performance and integration of the innovation system, scientific technical advice and ministerial services.			
<i>Science and Innovation Contract Management</i>	8,781	8,781	20,092
This output class is limited to contract management, planning, monitoring and evaluating science and innovation outputs and impacts.			
<i>Strategic Leadership in the Science and Innovation Sector</i>	10,642	10,642	14,930
This output class is limited to policy advice, ministerial services and leadership of the science and innovation sector.			
Cross Agency Research (M84)	302	302	900
This appropriation is limited to research to assist policy development for the achievement of Government priorities.			
Total Departmental Output Expenses	28,123	28,123	35,922
Non-Departmental Output Expenses			
Biological Industries Research (M84)	167,962	167,962	104,819
This appropriation is limited to research and research applications to support productivity growth and sustainability of New Zealand's primary industries, and the development of premium food and industrial biological products and technologies responsive to global consumer preferences.			
Crown Research Institute Core Funding (M84)	-	-	215,145
This appropriation is limited to Crown Research Institutes to create and maintain capability that is required for their core purpose and strategy.			
Energy and Minerals Research (M84)	26,351	26,351	11,997
This appropriation is limited to research and research applications to improve mineral extraction, improve energy security and to obtain efficient and affordable energy use.			
Engaging New Zealanders with Science and Technology (M84)	10,356	10,356	9,189
This appropriation is limited to engaging New Zealanders with science and technology through approaches determined by the Minister.			
Environmental Research (M84)	73,967	73,967	35,315
This appropriation is limited to research and research applications to underpin the management, protection and enhancement of natural ecosystems, land and freshwater resources, climate and atmosphere within New Zealand, including Antarctica.			
Fellowships for Excellence (M84)	9,147	9,147	11,770
This appropriation is limited to encouraging the career development of the country's talented early and mid-career researchers.			

Titles and Scopes of Appropriations by Appropriation Type	2010/11		2011/12
	Budgeted \$000	Estimated Actual \$000	Budget \$000
Non-Departmental Output Expenses - cont'd			
Hazards and Infrastructure Research (M84) This appropriation is limited to research and research applications to support hazard management and improve the durability of NZ urban and rural settlements.	26,307	26,307	13,459
Health and Society Research (M84) This appropriation is limited to research and research applications to improve the health and social well-being of New Zealanders.	86,948	86,948	83,694
High Value Manufacturing and Services Research (M84) This appropriation is limited to research and research applications to develop new technologies, novel materials, and new products, processes and services for the manufacturing and technology sectors.	141,011	141,011	157,204
Marsden Fund (M84) This appropriation is limited to excellent investigator-initiated research.	46,755	46,755	46,755
National Measurement Standards (M84) This appropriation is limited to providing specified standards to satisfy the needs for traceable physical measurement in New Zealand.	5,764	5,764	5,764
Research Contract Management (M84) This appropriation is limited to selection of research, science and technology-related organisations and individuals for either the provision of research, science and technology outputs, or the award of grants; and negotiate, manage and monitor appropriate contracts with those organisations or individuals.	15,346	15,346	6,412
Vision Mātauranga Capability Fund (M84) This appropriation is limited to the development of skilled people and organisations undertaking research that supports the four themes of Vision Mātauranga; indigenous innovation, environmental sustainability, health and social well being, and exploring indigenous knowledge.	5,555	5,555	5,967
Global Technology Partnership (M84) This appropriation is limited to services that provide New Zealand firms with access to information about international RS&T markets and expertise.	233	233	-
Research and Development Facilitation and Promotion Service (M84) This appropriation is limited to the promotion of commercialisation of research and development, and facilitation of linkages between firms and research organisations.	2,917	2,917	-
Total Non-Departmental Output Expenses	618,619	618,619	707,490
Non-Departmental Other Expenses			
Advanced Network Capability Building (M84) This appropriation is limited to a grant for the development of capability within the Advanced Network user group (including Tertiary Education Institutes and Crown Research Institutes) to make effective use of the Kiwi Advanced Research and Education Network.	365	365	173
Convention Du Metre (M84) This appropriation is limited to the payment of New Zealand's annual subscription to the Convention du Metre.	103	103	135
Genomics Research Infrastructure (M84) This appropriation is limited to a grant to contribute towards the purchase and operation of infrastructure that will support genomics research.	16,200	16,200	5,600
International Relationships (M84) This appropriation is limited to grants for international research relationships.	13,978	13,978	9,821

	2010/11		2011/12
	Budgeted \$000	Estimated Actual \$000	Budget \$000
Titles and Scopes of Appropriations by Appropriation Type			
National eScience Infrastructure (M84) This appropriation is limited to a grant to contribute to the operation of the National eScience Infrastructure, including high-performance computational infrastructure and associated eScience services, that will support New Zealand research.	5,901	5,901	7,182
Royal Society of New Zealand (M84) This appropriation is limited to an annual grant to the Royal Society of New Zealand to contribute towards the Society's aims and functions under the Royal Society of New Zealand Act 1997 to promote and advance science and technology.	500	500	500
Science Collections and Infrastructure (M84) This appropriation is limited to grants to contribute to the maintenance and retention of databases, collections and significant infrastructure dedicated to research purposes.	22,426	22,426	4,760
Australian Synchrotron (M84) This appropriation is limited to a grant being New Zealand Government's contribution to the operation of a synchrotron located in Victoria, Australia.	785	785	-
CRI Capability Fund (M84) This appropriation is limited to a grant to each Crown Research Institute (CRI) for maintaining and developing the capabilities of CRIs to fulfil their purpose.	60,612	60,612	-
Total Non-Departmental Other Expenses	120,870	120,870	28,171
Departmental Capital Expenditure			
Ministry of Science and Innovation - Capital Expenditure PLA (M84) This appropriation is limited to the purchase or development of assets by and for the use of the Ministry of Science and Innovation, as authorised by section 24(1) of the Public Finance Act 1989.	4,068	4,068	2,117
Total Departmental Capital Expenditure	4,068	4,068	2,117
Non-Departmental Capital Expenditure			
Research and Education Advanced Network New Zealand (M84) Equity investment in Research and Education Advanced Network New Zealand Ltd, to support the company's operations in establishing and operating the Advanced Network.	16,000	16,000	-
Total Non-Departmental Capital Expenditure	16,000	16,000	-
Total Annual and Permanent Appropriations	787,680	787,680	773,700

Details of Projected Movements in Departmental Net Assets

Ministry of Science and Innovation

Details of Net Asset Schedule	2010/11 Estimated Actual \$000	2011/12 Projected \$000	Explanation of Projected Movements in 2011/12
Opening Balance	-	11,340	
Capital Injections	11,340	500	
Capital Withdrawals	-	-	
Surplus to be Retained (Deficit Incurred)	-	-	
Other Movements	-	-	
Closing Balance	11,340	11,840	