

# *Vote Research, Science and Technology*

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MINISTER(S) RESPONSIBLE FOR APPROPRIATIONS: Minister of Research, Science and Technology (M56)

ADMINISTERING DEPARTMENT: Ministry of Research, Science and Technology

MINISTER RESPONSIBLE FOR MINISTRY OF RESEARCH, SCIENCE AND TECHNOLOGY:  
Minister of Research, Science and Technology

## Overview of the Vote

The Minister of Research, Science and Technology is responsible for appropriations in Vote Research, Science and Technology (RST) for the 2009/10 financial year covering the following:

### **Departmental Appropriations**

A total of nearly \$15 million (2% of the Vote) for advice on research, science and technology that supports New Zealand's knowledge base and its capacity to innovate, and for managing Vote RST contracts and agreements, and delivering on the outcome for science and technology transforming New Zealanders' lives.

### **Non-Departmental Appropriations**

A total of \$730 million (98% of the Vote) contributes toward Government's priority for getting measurable benefits from New Zealand's investment in research, science and technology.

Details of these appropriations are set out in Parts 2-6 for Vote Research, Science and Technology 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	2008/09		2009/10
	Budgeted \$000	Estimated Actual \$000	Budget \$000
<b>Departmental Output Expenses</b>			
<a href="#">Advice on Shaping the Science System MCOA (M56)</a>	14,566	14,066	13,791
<i>Contract Management</i>	1,089	1,089	1,089
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>	13,477	12,977	12,702
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.			
<b>Total Departmental Output Expenses</b>	14,566	14,066	13,791
<b>Non-Departmental Output Expenses</b>			
<a href="#">Cross Agency Research (M56)</a>	-	-	2,254
Policy and operational research from agencies that contribute to the achievement of government priorities.			
<a href="#">Engaging New Zealanders with Science and Technology (M56)</a>	6,448	6,298	7,071
This appropriation is limited to supporting activities that engage with New Zealanders about the role of RS&T in supporting innovation, as determined by the Minister.			
<a href="#">Environmental Research (M56)</a>	100,014	100,014	102,569
This appropriation is limited to obtaining public good science and technology that enhances the understanding and management of our environment.			
<a href="#">Global Technology Partnership (M56)</a>	401	401	400
This appropriation is limited to services that provide New Zealand firms with access to information about international RS&T markets and expertise.			
<a href="#">Health Research (M56)</a>	62,955	62,955	70,955
This appropriation is limited to obtaining public good science and technology that improves the health status of New Zealanders.			
<a href="#">International Science and Technology Linkages (M56)</a>	3,767	3,267	3,227
This appropriation is limited to promoting and supporting New Zealand RS&T internationally as determined by the Minister.			
<a href="#">Māori Knowledge and Development Research (M56)</a>	4,867	4,867	4,867
This appropriation is limited to obtaining public good science and technology that unlocks the innovation potential of Māori knowledge.			
<a href="#">Marsden Fund (M56)</a>	37,878	37,878	46,878
This appropriation is limited to obtaining excellent basic research that broadens and deepens the research skill base in New Zealand, regardless of whether the research contributes to the Government's socio-economic priorities.			
<a href="#">National Measurement Standards (M56)</a>	5,764	5,764	5,764
This appropriation is limited to providing specified standards to satisfy the needs for traceable physical measurement in New Zealand.			

Titles and Scopes of Appropriations by Appropriation Type	2008/09		2009/10
	Budgeted \$000	Estimated Actual \$000	Budget \$000
<b>Non-Departmental Output Expenses - cont'd</b>			
<b>New Economy Research Fund (M56)</b> This appropriation is limited to obtaining investigator-initiated research that stimulates the emergence and growth of new knowledge-intensive enterprises.	69,833	69,833	73,019
<b>Research and Development Facilitation and Promotion Service (M56)</b> This appropriation is limited to purchasing services that promote the commercialisation of research and development, and facilitate linkages between firms and research organisations.	4,000	4,000	5,000
<b>Research Contract Management (M56)</b> This appropriation is limited to purchasing services that select RS&T related organisations and individuals for either the provision of RS&T outputs, or the award of grants; and negotiate, manage and monitor appropriate contracts with those organisations or individuals.	22,456	22,431	21,834
<b>Research for Industry (M56)</b> This appropriation is limited to obtaining public good science and technology that improves the competitiveness of the industrial sector.	206,040	206,040	214,263
<b>Social Research (M56)</b> This appropriation is limited to obtaining public good science and technology that improves social well being.	5,860	5,860	5,860
<b>Sustainable Energy Development (M56)</b> This appropriation is limited to providing financial assistance to private and public organisations demonstrating the potential of new sustainable low carbon energy technologies.	3,822	3,822	4,178
<b>Total Non-Departmental Output Expenses</b>	534,105	533,430	568,139
<b>Non-Departmental Other Expenses</b>			
<b>Advanced Network Capability Building (M56)</b> 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 Advanced Network.	3,926	3,926	1,300
<b>Australian Synchrotron (M56)</b> This appropriation is limited to a grant being New Zealand Government's contribution to the operation of a synchrotron located in Victoria, Australia.	883	883	694
<b>Carter Observatory Grant (M56)</b> This appropriation is limited to a grant in terms of section 19 of the Carter Observatory Act 1938.	2	2	2
<b>Convention Du Metre (M56)</b> This appropriation is limited to the payment of New Zealand's annual subscription to the Convention du Metre.	135	135	135
<b>CRI Capability Fund (M56)</b> 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.	50,612	50,612	60,612
<b>Genomics Research Infrastructure (M56)</b> This appropriation is limited to a grant to contribute towards the purchase and operation of infrastructure that will support genomics research.	-	-	12,000
<b>International Investment Opportunities Fund (M56)</b> This appropriation is limited to grants that support the ability of research providers to participate in international research collaborations and to recruit highly experienced researchers from overseas.	9,735	9,235	10,092

	2008/09		2009/10
	Budgeted \$000	Estimated Actual \$000	Budget \$000
<b>Titles and Scopes of Appropriations by Appropriation Type</b>			
<b>Pre-Seed Accelerator Fund (M56)</b> This appropriation is limited to grants to eligible organisations to accelerate their rate of commercialisation of publicly funded research.	6,667	6,667	7,756
<b>Royal Society of New Zealand (M56)</b> 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
<b>Rutherford Foundation (M56)</b> This appropriation is limited to a grant towards the development of human resources in research, science and technology.	1,000	1,000	1,000
<b>Support for Primary Health Research (M56)</b> This appropriation is limited to support for primary health research.	500	500	500
<b>Supporting Promising Individuals (M56)</b> This appropriation is limited to grants to organisations and individuals that develop human resources in RS&T.	18,657	18,657	19,407
<b>Technology New Zealand (M56)</b> This appropriation is limited to grants that enhance the technological capability of businesses through the development and adoption of new technologies and new technological business practices.	34,379	34,379	47,405
<b>Advanced Network (M56)</b> This appropriation is limited to a grant towards a high-speed research and education data network connecting education and RS&T institutions throughout New Zealand.	7,773	7,773	-
<b>Advanced Network CRI Tariffs (M56)</b> This appropriation is limited to the payment for tariffs incurred by the usage of the advanced network (KAREN) by Crown Research Institutes.	741	741	-
<b>Total Non-Departmental Other Expenses</b>	135,510	135,010	161,403
<b>Departmental Capital Expenditure</b>			
<b>Ministry of Research, Science and Technology - Capital Expenditure PLA (M56)</b> This appropriation is limited to the purchase or development of assets by and for the use of the Ministry of Research, Science and Technology, as authorised by section 24(1) of the Public Finance Act 1989.	454	454	730
<b>Total Departmental Capital Expenditure</b>	454	454	730
<b>Non-Departmental Capital Expenditure</b>			
<b>Foundation for Research Science and Technology (M56)</b> Investment in information technology for FRST.	-	-	1,000
<b>Equity Investment Fund (M56)</b> This appropriation is to provide targeted equity investments into publicly funded research institutes to develop commercial prospects.	4,100	4,100	-
<b>Industrial Research Limited (M56)</b> This appropriation is to provide an equity investment in the technological coverage of the Measurements Standards Laboratory at Industrial Research Limited.	530	530	-
<b>Total Non-Departmental Capital Expenditure</b>	4,630	4,630	1,000
<b>Total Annual and Permanent Appropriations</b>	689,265	687,590	745,063

# Details of Projected Movements in Departmental Net Assets

## Ministry of Research, Science and Technology

Details of Net Asset Schedule	2008/09 Estimated Actual \$000	2009/10 Projected \$000	Explanation of Projected Movements in 2009/10
Opening Balance	2,411	2,411	
Capital Injections	-	-	
Capital Withdrawals	-	-	
Surplus to be Retained (Deficit Incurred)	-	-	
Other Movements	-	-	
<b>Closing Balance</b>	<b>2,411</b>	<b>2,411</b>	