

Information Supporting the Supplementary Estimates

Vote Research, Science and Technology

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

Part 1 - Summary of the Vote

Part 1.3 - Trends in the Vote

Summary of Financial Activity

	2008/09				
	Estimates \$000	Supplementary Estimates			Total \$000
		Departmental Transactions \$000	Non- Departmental Transactions \$000	Total Transactions \$000	
Appropriations					
Output Expenses	567,521	350	(19,200)	(18,850)	548,671
Benefits and Other Unrequited Expenses	-	N/A	-	-	-
Borrowing Expenses	-	-	-	-	-
Other Expenses	158,204	-	(22,694)	(22,694)	135,510
Capital Expenditure	4,961	123	-	123	5,084
Intelligence and Security Department Expenses and Capital Expenditure	-	-	N/A	-	-
Total Appropriations	730,686	473	(41,894)	(41,421)	689,265
Crown Revenue and Capital Receipts					
Tax Revenue	-	N/A	-	-	-
Non-Tax Revenue	-	N/A	-	-	-
Capital Receipts	-	N/A	-	-	-
Total Crown Revenue and Capital Receipts	-	N/A	-	-	-

Part 2 - Details and Expected Performance for Output Expenses

Part 2.1 - Departmental Output Expenses

Intended Impacts, Outcomes and Objectives

Intended Impacts, Outcomes or Objectives of Appropriations	Appropriations
Outcome - Science and technology transforming New Zealanders' lives Impact - Strategic Priority One - Sharpening the agenda for science	Advice on Shaping the Science System (MCOA) <ul style="list-style-type: none"> • Policy Advice
Outcome - Science and technology transforming New Zealanders' lives Impact - Strategic Priority Two - Engaging New Zealanders with Science and Technology	Advice on Shaping the Science System (MCOA) <ul style="list-style-type: none"> • Policy Advice • Contract Management
Outcome - Science and technology transforming New Zealanders' lives Impact - Strategic Priority Three - Improving business performance through research and development (R and D)	Advice on Shaping the Science System (MCOA) <ul style="list-style-type: none"> • Policy Advice
Outcome - Science and technology transforming New Zealanders' lives Impact - Strategic Priority Four - Creating a world-class science system for New Zealand	Advice on Shaping the Science System (MCOA) <ul style="list-style-type: none"> • Policy Advice • Contract Management
Objective - To provide effective management of New Zealand's linkages to science and technology internationally. Impact - Develop and maintain productive bilateral and multilateral relationships with governmental science and technology agencies in strategic priority countries.	Advice on Shaping the Science System (MCOA) <ul style="list-style-type: none"> • Policy Advice • Contract Management
Objective - To provide effective management of the funding provided to research, science and technology in New Zealand. Impact - Develop and maintain processes that contract, distribute, monitor, and evaluate the funding provided to research, science and technology in New Zealand.	Advice on Shaping the Science System (MCOA) <ul style="list-style-type: none"> • Policy Advice • Contract Management
Objective - To provide support for the Minister of Research, Science and Technology. Impact - Develop and maintain processes that provide advice and information on matters relating to research, science and technology, including the secondment of staff to provide secretariat support.	Advice on Shaping the Science System (MCOA) <ul style="list-style-type: none"> • Policy Advice

Advice on Shaping the Science System MCOA (M56)

Scope of Appropriation

Contract Management

Negotiating, managing and monitoring contracts with the Crown's funding and investment agents and with other specific science and technology service providers.

Policy Advice

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.

Explanation for Use of Multi-Class Output Expense Appropriation

Alignment of output class activity having common outcomes within one appropriation.

Expenses and Revenue

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	14,216	350	14,566
Contract Management	1,089	-	1,089
Policy Advice	13,127	350	13,477
Revenue from Crown	13,977	270	14,247
Contract Management	1,089	-	1,089
Policy Advice	12,888	270	13,158
Revenue from Other	239	80	319
Contract Management	-	-	-
Policy Advice	239	80	319

Reasons for Change in Appropriation

This appropriation will increase by \$350,000 to \$14.566 million for 2008/09. The reasons for the changes are:

- an increase of \$300,000 relating to communication of the Research and Development Tax Credit to business organisations in New Zealand
- an increase of \$80,000 relating to third-party use of audio-visual equipment in the "Future Foods" roadshow, and
- a decrease of \$30,000 relating to the provision for tax on overseas entitlements and allowances for staff posted overseas

Part 2.2 - Non-Departmental Output Expenses

Engaging New Zealanders with Science and Technology (M56)

Scope of Appropriation

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.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	6,071	377	6,448

Reasons for Change in Appropriation

This appropriation will increase by \$377,000 to \$6.448 million for 2008/09. The reasons for the change was a funding transfer of \$377,000 from 2007/08 to 2008/09 relating to the Science Learning Hub.

Environmental Research (M56)

Scope of Appropriation

This appropriation is limited to obtaining public good science and technology that enhances the understanding and management of our environment.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	106,125	(6,111)	100,014

Reasons for Change in Appropriation

This appropriation will decrease by \$6.111 million to \$100.014 million for 2008/09. The reason for the change is a funding restructure and transfer to 2009/10 of the undistributed funds held by the Foundation for Research, Science and Technology (FRST).

International Science and Technology Linkages (M56)

Scope of Appropriation

This appropriation is limited to promoting and supporting New Zealand RS&T internationally as determined by the Minister.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	3,377	390	3,767

Reasons for Change in Appropriation

The appropriation will increase by \$390,000 to \$3.767 million for 2008/09. The reason for the change is the transfer of \$390,000 from 2007/08 to 2008/09 in respect of bilateral activity involving the European Union, India, Singapore and Japan.

New Economy Research Fund (M56)

Scope of Appropriation

This appropriation is limited to obtaining investigator-initiated research that stimulates the emergence and growth of new knowledge-intensive enterprises.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	73,033	(3,200)	69,833

Reasons for Change in Appropriation

This appropriation will decrease by \$3.200 million to \$69.833 million for 2008/09. The reason for the change is a funding restructure and transfer to 2009/10 of the undistributed funds held by the Foundation for Research, Science and Technology.

Research and Development Facilitation and Promotion Service (M56)

Scope of Appropriation

This appropriation is limited to purchasing services that promote the commercialisation of research and development, and facilitate linkages between firms and research organisations.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	5,000	(1,000)	4,000

Reasons for Change in Appropriation

This appropriation will decrease by \$1 million to \$4 million in 2008/09. The reason for the change is the reduction in services and transfer of \$1 million in 2008/09 for capital investment in the Foundation for Research, Science and Technology in 2009/10.

Research Contract Management (M56)

Scope of Appropriation

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.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	22,156	300	22,456

Reasons for Change in Appropriation

This appropriation will increase by \$300,000 to \$22.456 million for 2008/09. The reason for the change is an increase in the annual cost of administration of FRST through the investment in information management systems.

Research for Industry (M56)

Scope of Appropriation

This appropriation is limited to obtaining public good science and technology that improves the competitiveness of the industrial sector.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	215,818	(9,778)	206,040

Reasons for Change in Appropriation

The appropriation will decrease by \$9.778 million to \$206.040 million for 2008/09. The reason for the change is a funding restructure and transfer to 2009/10 of the undistributed funds held by the Foundation for Research, Science and Technology.

Sustainable Energy Development (M56)

Scope of Appropriation

This appropriation is limited to providing financial assistance to private and public organisations demonstrating the potential of new sustainable low carbon energy technologies.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	4,000	(178)	3,822

Reasons for Change in Appropriation

This appropriation will decrease by \$178,000 to \$3.822 million for 2008/09. The reason for the change is a funding restructure and transfer to 2009/10 of the undistributed funds held by the Foundation for Research, Science and Technology.

Part 5 - Details and Expected Results for Other Expenses

Part 5.2 - Non-Departmental Other Expenses

Intended Impacts, Outcomes and Objectives

Intended Impacts, Outcomes or Objectives of Appropriations	Appropriations
Outcome - Science and technology transforming New Zealanders' lives. Objective - the purpose of the Carter Observatory is maintained for the provision of public good science in New Zealand.	Carter Observatory Grant (M56)
Outcome - Science and technology transforming New Zealanders' lives. Objective - to promote and advance science and technology.	Royal Society of New Zealand (M56)
Outcome - Science and technology transforming New Zealanders' lives. Objective - to improve primary health in New Zealand.	Support for Primary Health Research (M56)

Advanced Network Capability Building (M56)

Scope of Appropriation

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.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	5,026	(1,100)	3,926

Reasons for Change in Appropriation

This appropriation will decrease by \$1.100 million to \$3.926 million for 2008/09. The reason for the change is a transfer to 2009/10 of \$1.100 million for the development of grid middleware and access management systems for users.

Australian Synchrotron (M56)

Scope of Appropriation

This appropriation is limited to a grant being New Zealand Government's contribution to the operation of a synchrotron located in Victoria, Australia.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	808	75	883

Reasons for Change in Appropriation

This appropriation will increase by \$75,000 to \$883,000 for 2008/09. The reason for the change is the impact of foreign exchange on the funding commitment made to the Australian Synchrotron.

Carter Observatory Grant (M56)

Scope of Appropriation

This appropriation is limited to a grant in terms of section 19 of the Carter Observatory Act 1938.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	-	2	2

Reasons for Change in Appropriation

This appropriation will increase by \$2,000 for 2008/09. The reason for the change is recognition of the statutory obligation to the Carter Observatory.

Expected Results

	2008/09		
	Estimates Standard	Supplementary Estimates Standard	Total Standard
Annual grant to the Carter Observatory is paid on time.	-	Achieved	Achieved

Convention Du Metre (M56)

Scope of Appropriation

This appropriation is limited to the payment of New Zealand's annual subscription to the Convention du Metre.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	95	40	135

Reasons for Change in Appropriation

This appropriation will increase by \$40,000 to \$135,000 for 2008/09. The reason for the change is adjustment for the impact of foreign exchange and movement in the annual subscription.

International Investment Opportunities Fund (M56)

Scope of Appropriation

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.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	12,977	(3,242)	9,735

Reasons for Change in Appropriation

The appropriation will decrease by \$3.242 million to \$9.735 million for 2008/09. The reason for the change is:

- restructure of funding committed to support bilateral activity with the Republic of Korea
- restructure of undistributed funds held by FRST
- allowance made for foreign exchange cost pressures in the appropriations of Convention du Metre and Australian Synchrotron, and
- a transfer for recognition of the statutory obligation to the Carter Observatory Board.

Pre-Seed Accelerator Fund (M56)*Scope of Appropriation*

This appropriation is limited to grants to eligible organisations to accelerate their rate of commercialisation of publicly funded research.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	9,156	(2,489)	6,667

Reasons for Change in Appropriation

This appropriation will decrease by \$2.489 million to \$6.667 million for 2008/09. The reason for the change is a funding restructure and transfer to 2009/10 of the undistributed funds held by the Foundation for Research, Science and Technology.

Royal Society of New Zealand (M56)*Scope of Appropriation*

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.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	-	500	500

Reasons for Change in Appropriation

This is a new appropriation established during 2008/09.

Expected Results

	2008/09		
	Estimates Standard	Supplementary Estimates Standard	Total Standard
Annual grant to the Royal society is paid on time	N/A	Achieved	Achieved
A six-monthly report is provided by the Royal Society of activities undertaken by the Society in relation to funding	N/A	Achieved	Achieved
Royal Society Annual Report provided to MoRST by 30 September 2010	N/A	Achieved	Achieved

Conditions on Use of Appropriation

Reference	Conditions
Cabinet decision	The funding is limited to 'an annual grant to the Royal Society of New Zealand to contribute towards the Society's aim and function under the Royal Society of New Zealand Act 1997 to promote and advance science and technology.

Support for Primary Health Research (M56)*Scope of Appropriation*

This appropriation is limited to support for primary health research.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	-	500	500

Reasons for Change in Appropriation

This appropriation was established during 2008/09.

Expected Results

	2008/09		
	Estimates Standard	Supplementary Estimates Standard	Total Standard
Annual grant to the Royal New Zealand College of General Practitioners is paid on time	N/A	Achieved	Achieved

	2008/09		
	Estimates Standard	Supplementary Estimates Standard	Total Standard
A six-monthly report is provided by the Royal New Zealand College of General Practitioners that identifies the number of grants made in the period and the purposes for which they have been made.	N/A	Achieved	Achieved

Conditions on Use of Appropriation

Reference	Conditions
Cabinet decision	The funding is to support the implementation of the Royal New Zealand College of General Practitioners, New Zealand Primary Health Research Strategy. The funding is conditional on it being matched by funding from the Royal New Zealand College of General Practitioners, and aligned with the Ministry of Health's Primary Health Care Strategy.

Supporting Promising Individuals (M56)

Scope of Appropriation

This appropriation is limited to grants to organisations and individuals that develop human resources in RS&T.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	19,082	(425)	18,657

Reasons for Change in Appropriation

The appropriation will decrease by \$425,000 to \$18.657 million for 2008/09. The reason for the change is:

- provision for a post doctorate fellowship at the Salk Institute, and
- restructure of undistributed funds held by FRST.

Technology New Zealand (M56)

Scope of Appropriation

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.

Expenses

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Total Appropriation	50,934	(16,555)	34,379

Reasons for Change in Appropriation

This appropriation will decrease by \$16.555 million to \$34.379 million for 2008/09. The reason for the change is:

- a transfer to support establish genomics research infrastructure from 2009/10
- a funding restructure and transfer to 2009/10 of the undistributed funds held by FRST.

Reporting Mechanisms

Appropriation	Reporting Mechanism
Carter Observatory Grant	Reported in the Annual Report of the Carter Observatory Board
Royal Society of New Zealand	Section 32A
Support for Primary Health Research	Section 32A

The above table indicates the mechanisms to be used for reporting actual performance for each non-departmental other expenses appropriation.

Part 6 - Details and Expected Results for Capital Expenditure

Part 6.1 - Departmental Capital Expenditure

Intended Impacts, Outcomes and Objectives

Intended Impacts, Outcomes or Objectives of Appropriations	Appropriations
Outcome - Science and technology transforming New Zealanders' lives. Impact - Management and maintenance of MoRST's infrastructure.	Ministry of Research, Science and Technology (PLA)

Ministry of Research, Science and Technology - Capital Expenditure PLA (M56)

Scope of Appropriation

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.

Capital Expenditure

	2008/09		
	Estimates \$000	Supplementary Estimates \$000	Total \$000
Forests/Agricultural	-	-	-
Land	-	-	-
Property, Plant and Equipment	167	143	310
Intangibles	164	(20)	144
Other	-	-	-
Total Appropriation	331	123	454

Reasons for Change in Appropriation

The movement in 2008/09 reflects the carry forward of 2007/08 activity.