

**AUSTRALIAN RADIATION  
PROTECTION AND NUCLEAR  
SAFETY AGENCY**



# Australian Radiation Protection and Nuclear Safety Agency

Health and Ageing Portfolio Agency

---

<b>Section 1: Agency Overview and Resources</b> .....	<b>278</b>
1.1: Agency Overview .....	278
1.2: Agency Resources .....	279
1.3: 2008-09 Budget Measures.....	280
<b>Section 2: Agency Outcomes and Planned Performance</b> .....	<b>281</b>
2.1: Summary of Outcome, Agency Resourcing, Outputs and Performance Information .....	281
<b>Section 3: Budgeted Financial Statements</b> .....	<b>291</b>
3.1: Explanatory Tables .....	291
3.2: Analysis of Budgeted Financial Statements .....	293
3.3: Budgeted Financial Statements Tables .....	294
3.4: Notes to the Financial Statements .....	299

ARPANSA

## Section 1: Agency Overview and Resources

### 1.1: AGENCY OVERVIEW

The Australian Government provides funding to the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) to seek the outcome that the Australian people and the environment are protected from the harmful effects of radiation.

The *Australian Radiation Protection and Nuclear Safety Act 1998* (ARPANS Act) created a statutory office holder, the Chief Executive Officer (CEO), as the regulator. The functions of the CEO are to promote national uniformity of radiation protection and nuclear safety policy and practice, and provide advice on radiation protection, nuclear safety and related issues. ARPANSA undertakes research and provides services relating to radiation protection, nuclear safety and medical exposures to radiation. It also regulates the Australian Government and its contractors in their use of radiation sources, radiation facilities and nuclear installations.

ARPANSA maintains a high level of competency and an active awareness of new research and scientific developments in radiation protection, nuclear safety and medical exposures to radiation. It also aims to continually improve its regulatory processes, and participate actively in the international radiation protection and nuclear safety framework.

The Australian Government, through the ARPANS Act, also established the Radiation Health and Safety Advisory Council, the Radiation Health Committee, and the Nuclear Safety Committee to assist in carrying out the functions of the ARPANS Act.

### Summary of Agency Outcome and Output Groups

The products and services delivered by ARPANSA that contribute to the achievement of its outcome are summarised in Table 1.1.1.

**Table 1.1.1: Agency Outcome and Output Groups**

Outcome	Output Groups
<b>The Australian People and the Environment are Protected From the Harmful Effects of Radiation</b>	Output Group 1 – National Leadership in Radiation Protection and Nuclear Safety
	Output Group 2 – Knowledge, Information and Services Relating to Radiation Protection and Nuclear Safety
	Output Group 3 – Regulation of Commonwealth Entities using Radiation Sources and Facilities or Nuclear Installations

## 1.2: AGENCY RESOURCES

Table 1.2.1 shows the total resources from all origins. The table summarises how resources will be applied by outcome and by departmental classification.

The total resourcing for ARPANSA in the 2008-09 Budget is \$31.159 million.

**Table 1.2.1: ARPANSA Resource Statement**

	Estimate of prior + year amounts available in 2008-09 \$'000	Proposed at Budget = 2008-09 \$'000	Total Estimate 2008-09 \$'000	Estimated Appropriation Available 2007-08 \$'000
<b>Ordinary Annual Services</b>				
<b>Departmental Outputs</b>				
Departmental outputs	4,397	15,630	20,027	15,795
s31 Relevant agency receipts	-	-	-	-
<b>Total</b>	<b>4,397</b>	<b>15,630</b>	<b>20,027</b>	<b>15,795</b>
<b>Total Ordinary Annual Services</b>	<b>A 4,397</b>	<b>15,630</b>	<b>20,027</b>	<b>15,795</b>
<b>Other Services</b>				
<b>Departmental Non-Operating</b>				
Equity injections	-	-	-	3,600
Previous years' outputs	-	-	-	-
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,600</b>
<b>Total Other Services</b>	<b>B -</b>	<b>-</b>	<b>-</b>	<b>3,600</b>
<b>Total Available Annual Appropriations</b>	<b>4,397</b>	<b>15,630</b>	<b>20,027</b>	<b>19,395</b>
<b>Total Appropriations Excluding Special Accounts</b>				
<b>Special Accounts<sup>4</sup></b>				
Opening balance	2,686	-	2,686	2,148
Appropriation Receipts	4,397	13,763	18,160	19,095
Non-Appropriation receipts to Special Accounts	-	10,313	10,313	10,272
<b>Total Special Account</b>	<b>C 7,083</b>	<b>24,076</b>	<b>31,159</b>	<b>31,515</b>
<b>Total Resourcing</b>	<b>11,480</b>	<b>39,706</b>	<b>51,186</b>	<b>50,910</b>
A+B+C				
Less appropriations drawn from annual or special appropriations above and credited to special accounts	(4,397)	(15,630)	(20,027)	(19,395)
<b>Total Net Resourcing for ARPANSA</b>	<b>7,083</b>	<b>24,076</b>	<b>31,159</b>	<b>31,515</b>

ARPANSA

### **1.3: 2008-09 BUDGET MEASURES**

Section 1.3 is not applicable to ARPANSA in 2008-09.

## Section 2: Agency Outcomes and Planned Performance

The Australian Government requires agencies to measure their intended and actual performance in terms of outcomes. Government outcomes are the results, impacts or consequences of actions by the Government on the Australian community. Agencies are required to identify the output groups that demonstrate their contribution to Government outcomes over the coming year.

This section summarises output groups, specifying the performance indicators and targets used to assess and monitor the performance of ARPANSA in achieving Government outcomes.

### Outcome 1 – The Australian People and the Environment are Protected From the Harmful Effects of Radiation

ARPANSA

#### 2.1: SUMMARY OF OUTCOME, AGENCY RESOURCING, OUTPUTS AND PERFORMANCE INFORMATION

##### Outcome Summary

The Australian Government aims to achieve this outcome, through the work of ARPANSA, by improving knowledge of international best practice in radiation protection and nuclear safety, and by applying that knowledge and regulating Australian Government entities using radiation sources, facilities or nuclear installations.

##### Key Strategic Directions

- Strengthen knowledge and contribution to international best practice in radiation protection and nuclear safety.
- Ensure health protection through providing operational capacity, information, services and advice about radiation protection and nuclear safety.
- Apply best practice regulation through national uniformity and regulation of Commonwealth entities using radiation sources and facilities, and nuclear installations.

##### Major Activities

###### Knowledge of Radiation Protection and Nuclear Safety

The Australian Government requires that ARPANSA maintains up-to-date knowledge, consistent with international best practice, on the measurement of ionizing and non-ionizing radiation, the assessment of health effects of exposures to radiation, and best practice regulation.

ARPANSA will continue, to participate in international meetings and conferences dealing with knowledge of radiation protection and nuclear safety, with the physical protection of

radioactive sources, and with the global nuclear safety network established through the International Atomic Energy Agency (IAEA). The issues of electromagnetic radiation, of radioactive waste management and control of doses received in medical diagnosis and treatment are of major concern to the public. Better knowledge of these areas will assist the Australian Government in addressing such concerns. Internationally, the IAEA's Basic Safety Standards is one of the key documents that set the framework for radiation protection regulation.

Priorities during 2008-09 will include completing the current round of publications by the United Nations Scientific Committee on the Effects of Atomic Radiation and taking part in the work of the International Commission on Non-Ionizing Radiation Protection on reviewing its guidelines for radiofrequency radiation and extremely low frequency (ELF) exposures. ARPANSA will also assess the outcome of the Interphone studies on mobile phones and brain cancers, and participate in both the Joint Convention on the Safety of Spent Fuel Management and the Safety of Radioactive Waste Management, and the revision of the IAEA's Basic Safety Standards.

Within its own scientific programs, ARPANSA will build a capacity to undertake direct megavoltage dosimetry, which is important for ensuring accurate doses are delivered in radiotherapy. ARPANSA will complete a survey of doses received by patients undergoing Computed Tomography scans, and during 2008-09, ARPANSA will install and commission a new medical linear accelerator for megavoltage dosimetry. ARPANSA will develop methods and techniques for assessing ionizing radiation effects on the Australian environment.

ARPANSA will extend its knowledge of radioactive waste management relevant to Australia, focusing on developing a strategy for dealing with Australia's radium legacy waste and propose a national radioactive waste classification system consistent with international guidance. ARPANSA will also seek further collaborations to extend knowledge of ultraviolet (UV) protection in various occupations. In addition, ARPANSA will model the effects of releases of radiation.

A major challenge to the strategy is a shortage of skilled and knowledgeable personnel to take part in these activities effectively. The challenge is being addressed through a learning and development program and a graduate recruitment program.

Funding for this major activity is sourced from Output Group 2 – Knowledge, Information and Services Relating to Radiation Protection and Nuclear Safety.

### **Capacity, Information and Services**

The Australian Government, through ARPANSA, provides information and advice to stakeholders about radiation protection, nuclear safety and the physical protection of radioactive sources. In addition to public health and health protection, information and advice may refer to: environmental issues; resources policy including uranium mining and industries dealing with naturally occurring radioactive materials; and communications and energy supply. Other topics include national security and emergency response and radioactive waste management. The Australian Government also seeks to ensure that the public and other stakeholders are well-informed about the various forms of radiation and their health effects, and mitigation and optimisation measures, where relevant.

Over the coming years, ARPANSA will work with the Department of Health and Ageing and other relevant Government departments and agencies to achieve more effective

communication on matters of community interest in radiation protection and nuclear safety. ARPANSA will also provide agencies and the public with information on radiation protection and nuclear safety through the ARPANSA website and fact sheets on topical issues in radiation protection and nuclear safety in a timely manner. It will also continue to build relationships with major stakeholders such as Cancer Councils and medical colleges.

Furthermore, the Government will work to strengthen health protection by supporting ARPANSA to provide leadership in the operation of radionuclide monitoring stations that are part of Australia's international commitment to the Comprehensive Test Ban Treaty network, the construction of a noble gas monitoring station in Melbourne, and two radionuclide particulate monitoring stations in the remote locations of Mawson and Macquarie Island. ARPANSA will also maintain and improve its capacity to provide radiological emergency response in keeping with national needs in the light of the security outlook to ensure a capable response to any radiological terrorist attack.

During 2008-09, ARPANSA will work with the medical professional bodies as major stakeholders to support implementation of the *Code of Practice Radiation Protection in Medical Applications of Ionizing Radiation*, which was approved in April 2008, and its supporting safety guides, and to develop accepted diagnostic reference levels. ARPANSA will also review and seek to upgrade the effectiveness of its response to written and verbal enquiries from the public.

In 2008-09, ARPANSA will review the future investment needs for its personal radiation monitoring service in the light of developing technology and provide practical assistance to secure radioactive sources used in industry and medicine throughout Australia. It will begin the work to develop a national dose register for uranium mining and processing, supported by a safety guide on dose assessment.

Funding for this major activity is sourced from Output Group 1 – National Leadership in Radiation Protection and Nuclear Safety.

### **National Uniformity and Regulation**

The Australian Government seeks to have best practice regulation of radiation protection and nuclear safety, and the physical protection of radioactive sources applied to its own activities. It also seeks to promote national uniformity in radiation protection with the states and territories.

ARPANSA will strengthen its regulatory activities taking into account the good practices, recommendations and suggestions of the 2007 international *Integrated Regulatory Review Service* mission report. ARPANSA will also maintain and improve the compliance and enforcement framework for Commonwealth entities licensed by ARPANSA and undertake effective and efficient assessments of nuclear and radiation safety.

The focus will be on strengthening the national uniformity framework through the National Directory for Radiation Protection, working with the states and territories, and reviewing regulatory policy and practices, incorporating best practice regulation principles.

During 2008-09, ARPANSA will direct attention to the regulation of the operation of the Open Pool Australian Light-water reactor and decommissioning of the High Flux Australian Reactor. The effective regulation of new processes at the Australian Nuclear Science and Technology Organisation for the production of radiopharmaceuticals will also be a priority. Working with the states and territories towards increasing national uniformity

in radiation protection, ARPANSA will implement the outcomes of a review of the implementation of the National Directory for Radiation Protection, complete a Standard for exposure to ELF electric and magnetic fields, and work to implement the Code of Practice for medical applications of radiation to assist in optimising exposures from medical procedures.

The challenges of national uniformity include dealing with the need for agreement of all jurisdictions that will be dealt with through acting on the outcomes of the review of the National Directory for Radiation Protection. For regulation, the scarcity of appropriately skilled personnel is a problem being experienced by many national regulators and is being addressed through increased training and development.

Funding for this major activity is sourced from Output Group 3 – Regulation of Commonwealth Entities using Radiation Sources and Facilities or Nuclear Installations.



## **Contribution of Administered Programs**

There are no administered programs for ARPANSA in 2008-09.

## **Contribution of Departmental Outputs**

### **Output Group 1 – National Leadership in Radiation Protection and Nuclear Safety**

The outputs delivered under this output group aim to ensure Australian radiation protection and nuclear safety are soundly based in international best practice and that Australia makes an appropriate contribution to relevant international activities. Activities include: participation in international conferences and meetings; engagement with the Australian Government and national stakeholder bodies on issues relating to radiation protection and nuclear safety; participation in the international monitoring arrangements under the Comprehensive Test Ban Treaty; and contributing to the strengthening of regional capacities for emergency response to radiological emergencies.

The output contributes to the outcome by seeking to ensure Australians are protected from harmful effects of radiation in accordance with the most up-to-date international practice and through strengthened international arrangements.

The output group's contribution to this outcome is measured through the assessment of Australia's radiation protection and nuclear safety arrangements, and arrangements for the physical protection of radioactive sources compared with international standards. It is also measured by the extent to which ARPANSA meets the Comprehensive Test Ban Treaty contract requirements and by improvements in emergency response in the region.

### **Output Group 2 – Knowledge, Information and Services Relating to Radiation Protection and Nuclear Safety**

The outputs delivered under this output group aim to ensure Australia has a strong depth of knowledge of radiation protection and nuclear safety and applies the knowledge through provision of relevant services and through information to stakeholders, including the Australian Government. Activities include: scientific programs to support the measurement and assessment of radiation (both ionizing and non-ionizing) in the environment and in workplaces; and the study of the science relevant to knowledge of health effects of radiation. Also included is the provision of services, including a personal radiation monitoring service, and a program to support the UV protection factor rating of clothing, information through written material, the ARPANSA website<sup>1</sup> and by direct communication with stakeholders.

The output group contributes to the outcome by seeking to ensure that Australia has a depth of knowledge about harmful effects of radiation and there are services in support of protection against these harmful effects. The output also ensures that stakeholders are informed about the risks and means of mitigation.

The output group's contribution to this outcome is measured by the quality of publications produced by ARPANSA scientists and by their international standing. The success of the

---

<sup>1</sup> Accessible at <[www.arpansa.gov.au](http://www.arpansa.gov.au)>.

services can be measured by their uptake. The success of stakeholder information can be measured by stakeholder satisfaction.

**Output Group 3 – Regulation of Commonwealth Entities using Radiation Sources and Facilities or Nuclear Installations**

The outputs delivered under this output group aim to ensure Australia effectively regulates its applications of radiation, including radioactive sources, nuclear installations and applications of non-ionizing radiation. This regulation is directly undertaken by ARPANSA on behalf of the Australian Government and through the process of developing regulatory instruments for national uniformity through the National Directory for Radiation Protection in the case of the states and territories.

The output group contributes to the outcome by seeking to ensure that applications of radiation in Australia are effectively regulated for safety. The success of the output group can be measured by the consistency of Australia’s regulation with international best practice and by measures of regulatory effectiveness.

**Performance Information for ARPANSA**

Performance information for output groups relating to ARPANSA are summarised in Table 2.1.2.

**Table 2.1.2: Key Performance Information for ARPANSA**

**Performance Information for Departmental Outputs**

Indicator	2008-09 Reference Point or Target
<b>Output Group 1 – National Leadership in Radiation Protection and Nuclear Safety</b>	
Security of high activity radioactive sources measured by ARPANSA’s response to reports of unsafe radioactive sources.	All reports of unsafe sources responded to during 2008-09.
The use of radiation in the different applications in Australia is conducted in accordance with the implementation of the international best practice National Directory for Radiation Protection and Standards, Codes of Practice and Safety Guides.	Agreement to publication and amendments of the <i>National Directory for Radiation Protection</i> .  Response by June 2009 to the review of the effectiveness of implementation by the jurisdictions of the <i>National Directory for Radiation Protection</i> .
Engage with national and international agencies involved in radiation emergency preparedness through the ARPANSA SharePoint web portal.	ARPANSA SharePoint web portal for Regional Competent Authorities operating by July 2008.  Conduct regional Competent Authority Workshop by December 2008.



Indicator	2008-09 Reference Point or Target
<b>Output Group 1 – National Leadership in Radiation Protection and Nuclear Safety</b>	
Strengthened national arrangements for medical response to radiation emergency.	<p>Conduct a national biodosimetry workshop with the Department of Health and Ageing in September 2008.</p> <p>Participate in the World Health Organization radiation emergency medical preparedness assistance network meeting in October 2008.</p> <p>Trained teams are operational with training and exercises by December 2008.</p> <p>Complete the Accident Reporting and Guidance Operational System Chemical Biological Radiological and Nuclear decision support system evaluation report by December 2008.</p> <p>Establish ARPANSA radiation emergency and analysis team by December 2008.</p>
<b>Output Group 1 Resourcing: \$9.280m</b>	

Indicator	2008-09 Reference Point or Target
<b>Output Group 2 – Knowledge, Information and Services Relating to Radiation Protection and Nuclear Safety</b>	
Increased awareness of the medical, occupational and ambient radiation exposures of Australians through radiation programs and surveys.	<p>Data collection and analysis of patient doses in computed tomography by June 2009.</p> <p>Ongoing publication of results from personal UV radiation dosimetric studies in targeted population groups.</p> <p>Publication of residential survey of ELF magnetic fields by December 2008.</p> <p>Measurements and modelling to support implementation of proposed ELF standard by June 2009.</p> <p>Position paper on surveillance strategies to monitor public exposure to environmental and residential Electromagnetic Radiation by end of 2008.</p>

Indicator	2008-09 Reference Point or Target
<b>Output Group 2 – Knowledge, Information and Services Relating to Radiation Protection and Nuclear Safety</b>	
Accurate dissemination and maintenance of the Australian primary and secondary standards of measurement of the quantities of exposure and absorbed dose for ionizing radiation.	At least half of all Australian radiotherapy centres participated in the ARPANSA national therapy dosimetry audit by June 2009.  New medical linac installed and commissioned and direct mega voltage dosimetry calibration procedures developed by June 2009.
Quality, relevant and timely services provided in support of radiation protection.	Maintain National Association of Testing Authorities accreditation.  Perform services within agreed times.  Undertake proficiency testing of services.
Assessment of the impacts of radiation exposure on the environment. Measured through the development of models associated with environment protection.	Review of existing national and international models substantially progressed by June 2009.
Expanded protection of the public from radiation exposure. Measured through the development of techniques for the assessment of radiation exposure from radioactivity in the environment and monitoring program to assess specific exposure pathways.	Assessment of the external gamma radiation received by the public. Desktop study and analysis of high gamma dose rates estimated from radiometric survey data by June 2009.  Assessment of the internal radiation pathway caused by the inhalation of radon. Pilot study of radon in homes and the workplace by June 2009.
Expanded protection of workers from exposure to radiation. Measured through the development of new techniques for the assessment of radiation exposure in the workplace and specialised monitoring programs.	Draft of a safety guide for the assessment of occupational doses in uranium mining by June 2009.  Development of architecture for a national dose register for radiation workers by June 2009.
Quality, relevant and timely advice for Australian Government decision-making measured by Ministerial satisfaction.	Ministerial satisfaction.
<b>Output Group 2 Resourcing: \$12.637m</b>	



Indicator	2008-09 Reference Point or Target
<b>Output Group 3 – Regulation of Commonwealth Entities using Radiation Sources and Facilities or Nuclear Installations</b>	
Nuclear installations, radiation facilities, apparatus or radiation sources used by the Australian Government are operated in accordance with licence conditions. Measured by the number of incidents.	Less than 40 incidents per annum in total. Less than 5 incidents requiring reporting within 24 hours.
Regulatory processes are efficient. Measured by the number of licence and relevant change assessments and inspection reports per staff member.	Greater than 7 assessments and inspection reports per staff member per annum.
Development of a framework for national uniformity in radioactive waste management. Measured by completion of elements of the framework.	<p>Publication of revised user disposal requirements in the National Directory for Radiation Protection by December 2008.</p> <p>Publication of safety guide for the Predisposal Management of Radioactive Waste by December 2008.</p> <p>Australian input to the final draft of the IAEA classification of radioactive waste by October 2008.</p> <p>Final draft of waste classification specific to Australia submitted to the Radiation Health Committee meeting in June 2009.</p> <p>Production of Australia's 3<sup>rd</sup> National Report on Australia's compliance with the Joint Convention on the Safety of Spent Fuel Management and the Safety of Radioactive Waste Management by October 2008.</p>
Regulatory stakeholders are satisfied with performance as identified through surveys.	Greater than 80% of stakeholders satisfied.
<b>Output Group 3 Resourcing: \$6.556m</b>	

## Section 3: Budgeted Financial Statements

Section 3 presents budgeted financial statements that provide a comprehensive snapshot of agency finances for the Budget year 2008-09. It explains how budget plans are incorporated into the financial statements and provides further details of the reconciliation between the agency and outcome resource statements, movements in administered funds, special accounts and Government Indigenous expenditure.

### 3.1: EXPLANATORY TABLES

#### 3.1.1: Reconciliation of Total Available Appropriation and Outcomes

The Agency Resource Statement (Table 1.2.1) details the total available appropriation available to an agency from all sources. For departmental operating appropriations (outputs) this includes carry-forward amounts as well as amounts appropriated at Budget. As agencies incur and are funded for future liabilities, generally depreciation and employee entitlements, the total amount of departmental operating appropriation available to an agency is unlikely to be fully utilised in the Budget year. Outcome resource statements include details of the expected use of available resources in contributing towards outcomes in the Budget year. The difference between the agency resource statement and the sum of all payments made at the departmental outputs level is the expected carry-forward amount of resources for the Budget year 2009-10, including amounts related to meeting future obligations to maintain the agency's asset base and to meet employee entitlement liabilities.

**Table 3.1.1: Reconciliation of Total Available Appropriation and Outcomes**

	\$'000
<b>Total Available Departmental Operating Appropriation (Outputs)</b>	<b>20,027</b>
Less total attributed in outcome resource statements	15,630
<b>Estimated Departmental Operating Appropriation Carry-Forward for 2009-10 (Outputs)</b>	<b>4,397</b>

#### 3.1.2: Movement of Administered Funds Between Years

3.1.2 is not applicable to ARPANSA.

### 3.1.3: Special Accounts

Special accounts provide a means to set aside and record amounts used for specified purposes. Special Accounts can be created by a Finance Minister's Determination under the *Financial Management and Accountability Act 1997* or under separate enabling legislation. Table 3.1.3 shows the expected additions (receipts) and reductions (payments) for each account used by ARPANSA.

**Table 3.1.3: Estimates of Special Account Cash Flows and Balances**

		Opening balance 2008-09 2007-08	Receipts 2008-09 2007-08	Payments 2008-09 2007-08	Adjustments 2008-09 2007-08	Closing balance 2008-09 2007-08
	Outcome	\$'000	\$'000	\$'000	\$'000	\$'000
Australian Radiation Protection and Nuclear Safety Agency - S21 FMA Act 1997 (D)	1	2,686	28,473	27,777	-	3,382
<b>Total Special Accounts 2008-09 Budget Estimate</b>		<b>2,686</b>	<b>28,473</b>	<b>27,777</b>	<b>-</b>	<b>3,382</b>
Total special accounts 2007-08 estimate actual		2,148	29,367	28,829	-	2,686

(D) = Departmental

### 3.1.4: Australian Government Indigenous Expenditure

3.1.4 is not applicable to ARPANSA.

### **3.2: ANALYSIS OF BUDGETED FINANCIAL STATEMENTS**

An analysis of the Agency's budgeted financial statements for 2008-09 is provided below.

#### **Departmental Resources**

##### **Income Statement**

ARPANSA is expecting an operating surplus of \$0.800 million in 2007-08. A balanced budget is anticipated for 2008-09 and the forward years.

Total operating revenue for 2008-09 is estimated at \$24.813 million and is made up of appropriation funding of \$15.630 million, revenue from goods and services of \$4.620 million and other revenue of \$4.563 million comprising licence application fees and annual licence charges associated with ARPANSA's regulatory activities.

In 2008-09, expenses from ordinary activities are expected to increase to \$24.813 million, an increase of 2.3 per cent from the 2007-08 estimated actual. The increase is attributable to additional expenses associated with the completion of major projects.

##### **Balance Sheet**

Cash and receivable balances are expected to remain relatively stable over the forward years.

The increase in Land and Buildings relates to proposed building works in 2008-09 and 2009-10, and Infrastructure, Plant and Equipment are expected to increase over the forward years consistent with ARPANSA's continued asset replacement.

### 3.3: BUDGETED FINANCIAL STATEMENTS TABLES

**Table 3.3.1: Budgeted Departmental Income Statement (for the period ended 30 June)**

	Estimated actual 2007-08 \$'000	Budget estimate 2008-09 \$'000	Forward estimate 2009-10 \$'000	Forward estimate 2010-11 \$'000	Forward estimate 2011-12 \$'000
<b>INCOME</b>					
<b>Revenue</b>					
Revenues from Government	15,795	15,630	15,514	15,542	15,672
Goods and services	4,620	4,620	4,620	4,620	4,620
Other	4,633	4,563	4,668	4,668	4,668
<b>Total Revenue</b>	<b>25,048</b>	<b>24,813</b>	<b>24,802</b>	<b>24,830</b>	<b>24,960</b>
<b>Gains</b>					
Other	-	-	-	-	-
<b>Total Gains</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Income</b>	<b>25,048</b>	<b>24,813</b>	<b>24,802</b>	<b>24,830</b>	<b>24,960</b>
<b>EXPENSE</b>					
Employees	13,670	13,844	13,924	14,152	
Suppliers	8,386	8,745	8,654	8,454	
Grants	-	-	-	-	-
Depreciation and amortisation	2,192	2,224	2,224	2,224	2,224
<b>Total Expenses</b>	<b>24,248</b>	<b>24,813</b>	<b>24,802</b>	<b>24,830</b>	<b>2,224</b>
<b>Surplus/(Deficit)</b>	<b>800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22,736</b>

Prepared on Australian Accounting Standards basis.

**Table 3.3.2: Budgeted Departmental Balance Sheet (as at 30 June)**

	Estimated actual 2007-08 \$'000	Budget estimate 2008-09 \$'000	Forward estimate 2009-10 \$'000	Forward estimate 2010-11 \$'000	Forward estimate 2011-12 \$'000
<b>ASSETS</b>					
<b>Financial Assets</b>					
Cash and equivalents	2,686	3,382	2,993	2,604	2,014
Trade and other Receivables	5,173	2,567	2,037	2,507	2,977
Other	464	464	464	464	464
<b>Total Financial Assets</b>	<b>8,323</b>	<b>6,413</b>	<b>5,494</b>	<b>5,575</b>	<b>5,455</b>
<b>Non-Financial Assets</b>					
Land and buildings	8,721	10,130	11,055	10,545	10,520
Infrastructure, plant and equipment	7,421	7,899	8,043	8,532	8,737
Inventories	1,504	1,504	1,504	1,504	1,504
Intangibles	752	784	634	574	514
Other	223	223	223	223	223
<b>Total Non-Financial Assets</b>	<b>18,621</b>	<b>20,540</b>	<b>21,459</b>	<b>21,378</b>	<b>21,498</b>
<b>Total Assets</b>	<b>26,944</b>	<b>26,953</b>	<b>26,953</b>	<b>26,953</b>	
<b>LIABILITIES</b>					
<b>Provisions</b>					
Employees	4,540	4,552	4,552	4,552	4,552
<b>Total Provisions</b>	<b>4,540</b>	<b>4,552</b>	<b>4,552</b>	<b>4,552</b>	<b>4,552</b>
<b>Payables</b>					
Suppliers	558	555	555	555	555
Other	546	546	546	546	546
<b>Total Payables</b>	<b>1,104</b>	<b>1,101</b>	<b>1,101</b>	<b>1,101</b>	<b>1,101</b>
<b>Total Liabilities</b>	<b>5,644</b>	<b>5,653</b>	<b>5,653</b>	<b>5,653</b>	<b>5,653</b>
<b>Net Assets</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>(5,653)</b>
<b>EQUITY</b>					
<b>Parent Entity Interest</b>					
Contributed equity	4,624	4,624	4,624	4,624	
Reserves	5,644	5,644	5,644	5,644	5,644
Retained surpluses or accumulated deficits	11,032	11,032	11,032	11,032	11,032
<b>Total Parent Entity Interest</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>
<b>Total Equity</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>
Current assets	10,050	8,140	7,221	7,302	7,182
Non-current assets	16,894	18,813	19,732	19,651	19,771
Current liabilities	5,281	5,289	5,289	5,289	5,289
Non-current liabilities	363	364	364	364	364

**Table 3.3.2: Budgeted Departmental Balance Sheet (as at 30 June) (cont)**

	Estimated actual 2007-08 \$'000	Budget estimate 2008-09 \$'000	Forward estimate 2009-10 \$'000	Forward estimate 2010-11 \$'000	Forward estimate 2011-12 \$'000
<b>EQUITY</b>					
<b>Parent Entity Interest</b>					
Contributed equity	4,624	4,624	4,624	4,624	4,624
Reserves	5,644	5,644	5,644	5,644	5,644
Retained surpluses or accumulated deficits	11,032	11,032	11,032	11,032	11,032
<b>Total Parent Entity Interest</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>
<b>Total Equity</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>	<b>21,300</b>
Current assets	10,050	8,140	7,221	7,302	7,182
Non-current assets	16,894	18,813	19,732	19,651	19,771
Current liabilities	5,281	5,289	5,289	5,289	5,289
Non-current liabilities	363	364	364	364	364

**Table 3.3.3: Budgeted Departmental Statement of Cash Flows (for the period ended 30 June)**

	Estimated actual 2007-08 \$'000	Budget estimate 2008-09 \$'000	Forward estimate 2009-10 \$'000	Forward estimate 2010-11 \$'000	Forward estimate 2011-12 \$'000
<b>OPERATING ACTIVITIES</b>					
<b>Cash Received</b>					
Goods and services	5,150	5,276	5,205	5,205	5,205
Appropriations	15,495	18,160	16,044	15,072	15,582
Other	5,122	5,037	5,100	5,100	5,100
<b>Total Cash Received</b>	<b>25,767</b>	<b>28,473</b>	<b>26,349</b>	<b>25,377</b>	<b>25,887</b>
<b>Cash Used</b>					
Employees	13,641	13,814	13,905	14,133	14,544
Suppliers	9,445	9,820	9,690	9,490	9,589
<b>Total Cash Used</b>	<b>23,086</b>	<b>23,634</b>	<b>23,595</b>	<b>23,623</b>	<b>24,133</b>
<b>Net Cash From or (Used by)</b>					
<b>Operating Activities</b>	<b>2,681</b>	<b>4,839</b>	<b>2,754</b>	<b>1,754</b>	<b>1,754</b>
<b>INVESTING ACTIVITIES</b>					
<b>Cash Received</b>					
Other	-	-	-	-	-
<b>Total Cash Received</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Cash Used</b>					
Purchase of property, plant and equipment	5,743	4,143	3,143	2,143	2,344
<b>Total Cash Used</b>	<b>5,743</b>	<b>4,143</b>	<b>3,143</b>	<b>2,143</b>	<b>2,344</b>
<b>Net Cash From or (Used by)</b>					
<b>Investing Activities</b>	<b>(5,743)</b>	<b>(4,143)</b>	<b>(3,143)</b>	<b>(2,143)</b>	<b>(2,344)</b>
<b>FINANCING ACTIVITIES</b>					
<b>Cash Received</b>					
Appropriations - contributed equity	3,600	-	-	-	-
<b>Total Cash Received</b>	<b>3,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Cash Used</b>					
Other	-	-	-	-	-
<b>Total Cash Used</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Net Cash From or (Used by)</b>					
<b>Financing Activities</b>	<b>3,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Net Increase or (Decrease)</b>					
<b>in Cash Held</b>	<b>538</b>	<b>696</b>	<b>(389)</b>	<b>(389)</b>	<b>(590)</b>
Cash at the beginning of the reporting period	2,148	2,686	3,382	2,993	2,604
<b>Cash at the end of the Reporting Period</b>	<b>2,686</b>	<b>3,382</b>	<b>2,993</b>	<b>2,604</b>	

**Table 3.3.4: Departmental Statement of Changes in Equity — Summary of Movement (Budget year 2008-09)**

	Retained earnings	Asset revaluation reserve	Other reserves	Contributed equity/ capital	Total equity
	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Opening Balance as at 1 July 2008</b>					
Balance carried forward from previous period	11,032	-	5,644	4,624	21,300
<b>Adjusted Opening Balance</b>	<b>11,032</b>	<b>-</b>	<b>5,644</b>	<b>4,624</b>	<b>21,300</b>
<b>Estimated Closing Balance as at 30 June 2009</b>	<b>11,032</b>	<b>-</b>	<b>5,644</b>	<b>4,624</b>	<b>21,300</b>

### **3.4: NOTES TO THE FINANCIAL STATEMENTS**

The budgeted financial statements for ARPANSA are prepared for the Budget year, previous year and three forward years.

#### **Departmental Financial Statements**

##### **Budgeted Departmental Income Statement (for the period ended 30 June)**

This statement provides a picture of the expected financial results for ARPANSA by identifying full accrual expenses and revenues. This highlights whether ARPANSA is operating at a sustainable level.

##### **Budgeted Departmental Balance Sheet (as at 30 June)**

The statement shows the financial position of ARPANSA. It enables decision-makers to track the management of ARPANSA assets and liabilities.

##### **Budgeted Departmental Statement of Cash Flows (for the period ended 30 June)**

Budgeted cash flows as reflected in the statement of cash flows provide important information on the extent and nature of cash flows by characterising them into expected cash flows from operating activities, investing activities and financing activities.

##### **Departmental Statement of Changes in Equity – Summary of Movement (Budget year 2008-09)**

This table shows the movements in equity during the Budget year.

