

DEPARTMENT  
OF **BUSINESS, INDUSTRY &  
RESOURCE DEVELOPMENT**

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**Annual Report  
2001 - 02**

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The Hon Paul Henderson MLA  
Minister for Business, Industry and Resource Development  
Minister for Primary Industry and Fisheries  
Minister for Energy  
Minister for Asian Relations and Trade  
Minister for Defence Support  
Parliament House  
DARWIN NT 0800

Dear Minister

Pursuant to section 28 of the *Public Sector Employment and Management Act 1993* I submit to you a report on the operations of the Department of Business, Industry and Resource Development for the period 1 July 2001 to 30 June 2002.

In respect to my duties as Accountable Officer, pursuant to section 13 of the *Financial Management Act 1995*, I advise to the best of my knowledge and belief that:

- (a) proper records of all transactions affecting the agency are kept, including the recording of this agency's transactions undertaken by the Department of Corporate and Information Services. Employees under my control observe the provisions of the *Financial Management Act*, the Financial Management Regulations and the Treasurer's Directions;
- (b) procedures within the agency afford proper internal control through use of the accounting and property manual prepared by the Department of Corporate and Information Services (DCIS). The Department of Business, Industry and Resource Development is preparing its own accounting and property manual in accordance with the requirements of the *Financial Management Act*;
- (c) no indication of fraud, malpractice, material breach of legislation or delegation, major error in or omission from the accounts and records exists;
- (d) in accordance with the requirements of Section 15 of the *Financial Management Act*, the internal audit capacity available to the agency is adequate and the results of internal audits have been reported to me;
- (e) the financial statements as supplied by the Department of Corporate and Information Services, included in the Annual Report, have been prepared from proper accounts and records and are in accordance with Part 2 Section 5 and Part 2 Section 6 of the Treasurer's Directions, where appropriate; and
- (f) all employment instructions issued by the Commissioner for Public Employment have been satisfied.

Yours sincerely



Peter Blake  
Chief Executive Officer

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## Chief Executive Officer's Overview

2001-02 was a year of exceptional change for Northern Territory Government agencies which deliver services to business and industry. On 13 November 2001, the former Departments of Primary Industry and Fisheries, Mines and Energy, Asian Relations and Trade and Industries and Business, and part of the Office of Resource Development, were amalgamated into the Department of Business, Industry and Resource Development (DBIRD).

The amalgamation process created significant challenges for DBIRD staff. Much of the initial work was focussed on identifying areas of duplication and integrating functions to achieve maximum efficiency. The creation of a single agency required the merging of disparate systems and procedures. Significant duplication was identified in internal service delivery areas such as finance, human resources and corporate support. These have been merged into single units in DBIRD. Although major progress was made during the financial year, work is continuing on achieving uniformity in computer networks and data bases across the department.

The relocation of staff was kept to a minimum to maintain continuity of services to DBIRD's clients. Where staff movements were necessary, every effort was made to co-locate people with their working groups to achieve effective communication and efficient service delivery.

DBIRD has a primary role in the economic development of the Territory and has the important task of providing services and information to all sectors of industry. This complements and supports the role of the Office of Territory Development (OTD) in attracting investment and major projects to the Territory. The department recognises that a close, effective working relationship with OTD is important if we are to deliver outcomes for Territorians.

In 2001-02, DBIRD focussed on developing a new strategic direction, and associated policies and strategies, which give effect to the broad focus of the new department. While services to original client groups have been maintained, DBIRD also examined issues which apply generally to industry and business across the board. During the financial year, DBIRD worked on developing sector plans for industry areas, reviewing strategic plans for industry development and increasing local participation in development opportunities.

The department is also a lead agency in implementing many of the recommendations of the Economic Development Summit (4-6 November 2001) and the subsequent commitments contained within the NT Economic Development Strategy (EDS), released by the Chief Minister on 11 June 2002. The core industries identified in the EDS include mining, mineral processing, primary industry and fisheries – all of which are regulated by, and receive services from, DBIRD.

My thanks go to all DBIRD staff for their efforts over the financial year. I recognise that 2001-02 was a challenging year, but also that those challenges were met enthusiastically and effectively. The fact that so much change has been achieved while high levels of service to our clients have been maintained is a tribute to the dedication and professionalism of all departmental officers.



Peter Blake  
Chief Executive Officer

# Business and Industry Overview 2001-02

Territory business and industry worked throughout the year in partnership with Government towards improving economic capacity, performance and sustainability to produce an equitable prosperity for the people of the Northern Territory.

## Capacity

### Business Frame

The Northern Territory has around 23 450 business entities (including individuals, companies, partnerships, trusts and funds) active across all Australia New Zealand Standard Industry Classification (ANZSIC) sectors. Around 6200 are businesses with employees registered in the Northern Territory, with the highest concentration in the retail trade (19%), construction (16%) and property and business services (16%). Some 149 business entities, registered in both the Northern Territory and other States, operate in the Northern Territory. Around 4100 business entities are non-employing ones. Additionally, around 13 000 individuals with some form of business/investment earn annual incomes above \$10 000 in the Northern Territory. About 96% of businesses are small businesses employing less than 20 people.

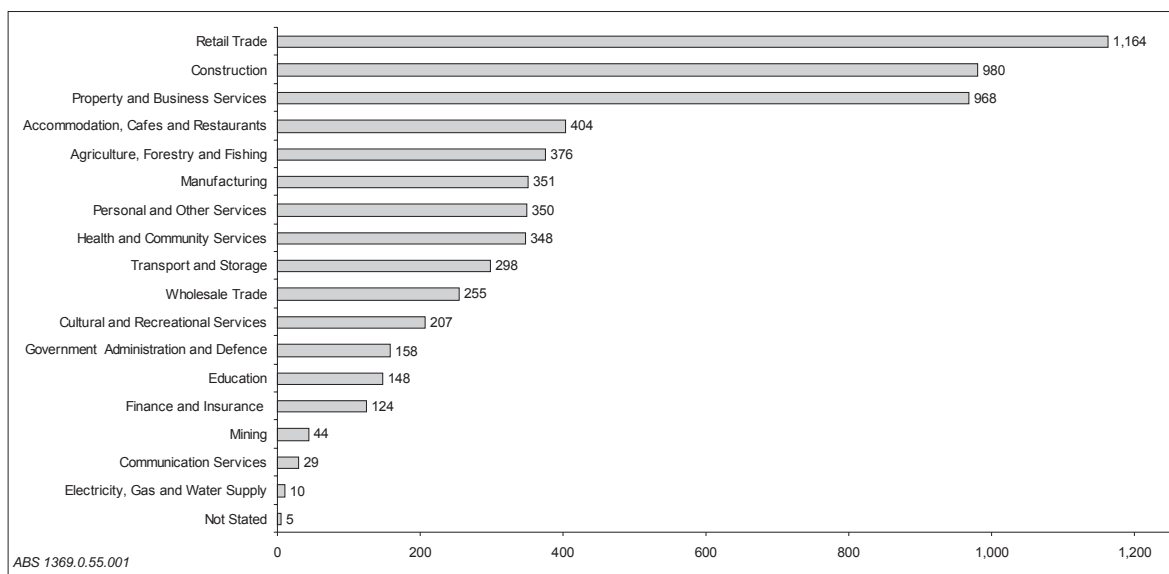


Figure 1: Number of Employing Business Entities Registered for GST by Industry as at June 2001

### Capital base

The total value of capital assets used by various industry sectors in the Northern Territory (excluding government corporations and Commonwealth Government administration and Defence) is estimated at around \$43 billion in 2000-01, assuming the productivity of business and industries is similar in the Northern Territory and Australia. About 74% of these Northern Territory assets are used in general government, mining, finance and insurance and about 9% are used in agriculture and transport. The total value of private assets in the Northern Territory represents approximately 1% of the total assets used by all private sector businesses and industries in Australia, valued at \$2953 billion in 1999-2000.

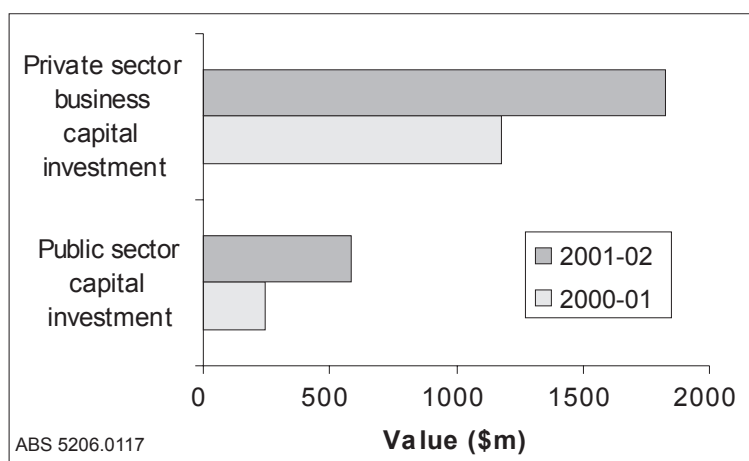


Figure 2: Total Capital Investment in the Northern Territory

## Investment

Capital investment by business to increase Northern Territory industry capacity has more than trebled during the decade to \$1.8 billion in 2001-02. Capital investments for items such as machinery, equipment, buildings (both residential and non-residential) and structures in the Northern Territory by both private and public sectors have increased significantly during 2001-02 compared to 2000-01.

## Performance

### Income, Prices and Wages

In the Australian Bureau of Statistics (ABS) *Business Indicators* for 2001-02, the income from the sales of goods and services by selected private sector employing businesses (excluding agriculture, central banking, insurance, education, health and community services) was an estimated \$9.103 billion with sales strengthening significantly during the June 2002 quarter. Nationally, the sale price index of goods and services declined 3.2%. An estimated \$1.752 billion of salaries and wages was earned in the Northern Territory by this sector during 2001-02.

### Goods and Services

In another ABS publication, *Experimental Estimates, Australian Industry, A State Perspective* for 1999-2000 (latest available), Northern Territory business entities, excluding the general government sector, produced around \$11.600 billion worth of goods and services. The services sector accounted for about 72% of business income. The employing sectors of goods and services businesses generated the bulk (estimated at 95%) of the operating income.

### Economy and Trade

During 2001-02, demand in the Northern Territory economy increased by 18.1%, largely due to a 16.3% volume increase. Exports, dominated by a highly variable crude oil trade, fell by 31.6% because of a combination of decreased volumes (23.0%) and prices (8.7%). A 26% increase in the volume of imports was partly offset by 9.5% lower import prices.

### Sectoral Performance

Data about the value adding of industry sectors to the Northern Territory economy during 2000-01 show that mining, government administration and defence sector contributions are relatively large compared to the Australian average while manufacturing, construction, wholesale trade, finance and insurance, property and business services and ownership of



dwellings are relatively small. In 2000-01, the value added by Northern Territory industry grew by \$1.323 billion (18.9%) to \$8.331 billion with 82% of the increase largely attributable to Laminaria-Corallina oil field production. All sectors contributed to the growth except for wholesale trade, government and defence, with the construction sector experiencing a severe downturn.

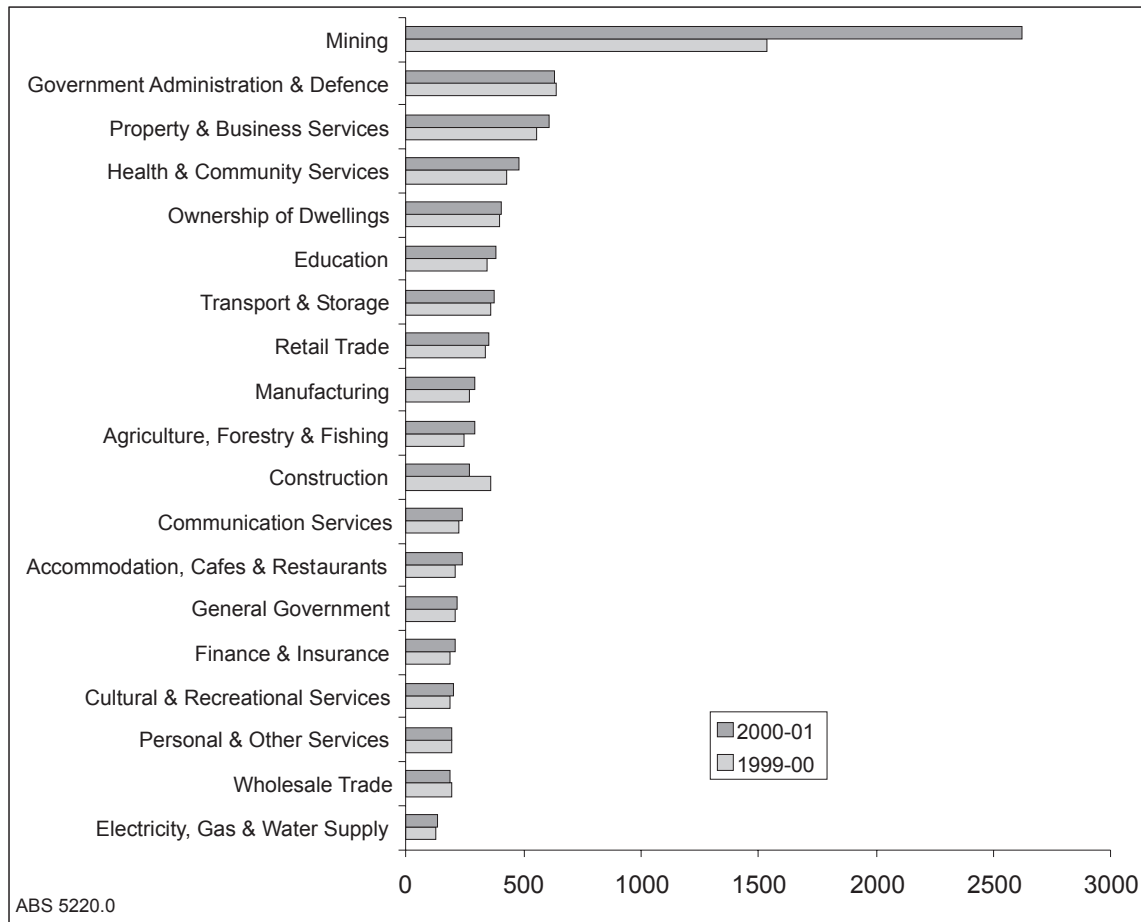


Figure 3: Contributions by Industry Sectors to Gross State Product (\$million)

### Business Competitiveness

Some performance indicators for the various industry sectors, based on ABS experimental estimates, indicate that the overall business performance in the Northern Territory is comparable to the rest of Australia. Profit margin statistics indicate that Northern Territory businesses are competitive in the Australian economy for both the goods producing and service industries. Operational and labour expenses are comparable to the rest of Australia with some variations when comparing individual sectors.

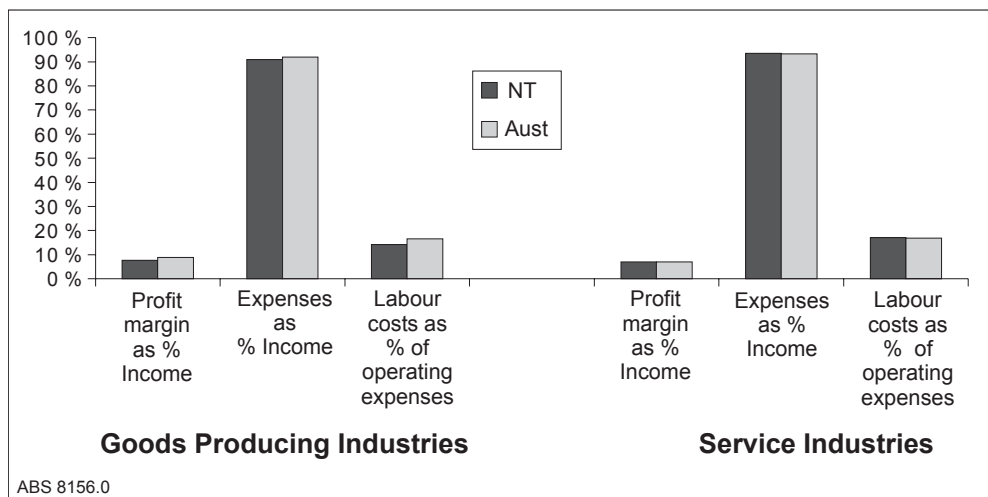


Figure 4: Industry and Business Performance Indicators, Northern Territory and Australia, 1999-2000

### Mining Sector

Compared to 2000-01, the overall value of production in the mining industry in 2001-02 decreased by 27.7%, representing a \$1.223 billion decrease to \$3.192 billion. The impact of a 47.3% decline in the value of crude oil production from the Laminaria-Corallina oil field in the Timor Sea accounted for most of the decreased value of the Northern Territory mining sector.

### Metallic Minerals

The value of metallic mineral production increased by 6%. This represents an increase of \$80 million from \$1.334 billion in 2000-01 to \$1.414 billion in 2001-02. The increased value was primarily due to the increased prices for manganese (43.5%) and zinc/lead concentrate (60.7%). These increases were partly offset by lower alumina (8.8%) and gold (13.5%) prices and lower bauxite production (6.7%) and price (4.9%). Silver production and price increased.

### Non-metallic Minerals

The value of non-metallic mineral production increased by 14.1%. This represents an increase of \$5.6 million from \$39.8 million in 2000-01 to \$45.4 million in 2001-02. The increase was mainly attributable to the \$12.9 million increase in the production of crushed rock in the new quarries in the Katherine and Tennant Creek areas for the supply of aggregate and rail ballast for the Darwin to Alice Springs railway. Except for sand, the production value of all other commodities, including diamonds, declined. Significantly lower prices were received for crushed rock, diamonds, dimension stone, gravel and vermiculite. Salt production ceased.

### Energy Minerals

The value of energy production decreased by 43%. This represents a decrease of \$1.309 billion from \$3.041 billion in 2000-01 to \$1.732 billion in 2001-02. The decrease was mainly attributable to the lower production (29.5%) and price (23.3%) of crude oil. Natural gas production from Central Australia increased by 2.5% while price increased by 2%. The value of uranium ore produced in Arnhem Land decreased by 12% because of lower production (16.4%) partly offset by higher price (5.2%).

Table 1: Northern Territory Mining Production

	<b>Total 2001- 02 QUANTITY Produced (t)</b>	<b>Total 2001-02 VALUE (\$)</b>	<b>Total 2000-01 QUANTITY Produced (t)</b>	<b>Total 2000-01 VALUE (\$)</b>
<b>Metallic Minerals</b>				
Alumina Produced (a)	1 976 226	500 703 599	1 823 582	506 844 919
Bauxite	6 221 516	155 537 900	6 664 798	175 282 578
Gold (grams) (r)	20 210 492	340 654 293	19 151 314	373 028 878
Manganese	1 439 801	198 464 959	1 584 069	152 118 868
Silver (grams)	2 303 904	633 325	2 069 288	552 876
Zinc/Lead Concentrate	364 968	218 018 224	339 787	126 286 242
<i>Sub Total:</i>		1414012300		1334114361
<b>Non-Metallic Minerals</b>				
Barite	2 782	555178	3 650	711750
Crushed Rock (r)	1 547 849	19 847 652	362 414	6 981 221
Diamonds (ct)	90 102	16 435 115	97 350	19 518 810
Dimension Stone (r)	1 568	98 964	1 123	241 272
Gravel (r)	137 105	973 777	162 959	2 588 188
Limestone	76 047	n.p.	65 634	n.p.
Quicklime Produced (a)	17 657	n.p.	26 603	n.p.
Salt			300	15 000
Sand (r)	195 890	1 821 138	165 766	1 324 277
Soil	32 971	211 009	45 474	231 382
Vermiculite	6 696	1 682 324	12 038	3 345 674
<i>Sub Total:</i>		45404120		39766676
<b>Energy Minerals</b>				
Crude Oil (ML)	5 849.9	1 518 241 445	8 296.3	2 805 372 742
Natural Gas (GL)	467.7	42 326 664	456.5	40 520 151
Uranium Oxide	3 872	171 617 120	4 629	195 010 391
<b>Sub Total:</b>		<b>1 732 185 229</b>		<b>3 040 903 284</b>
<b>Totals</b>		<b>3 191 601 649</b>		<b>4 414 784 321</b>

DBIRD Mines Division

**FOOTNOTES:**

(a) Value is nett value - after accounting for feedstocks

(r) Figures revised since previous issue

n.p. Not available for publication but included in totals

All values of production are estimates based on sales figures provided to the department by mining companies in the Northern Territory.

**Primary Industries and Fisheries**

Rural industries in the Northern Territory comprise cattle and other livestock (including buffalo, crocodiles, poultry, pigs and camels), horticulture (fruit, vegetables, nursery and cut flowers) and crop production (field crops, hay and seed). Fisheries comprise wildstock harvesting, aquaculture and recreational fishing. The value of production of rural and fisheries industries increased by \$28 million (6.3%) to approximately \$470 million in 2001. The value of production of cattle, fisheries and field crops increased but remained steady for other livestock and horticulture.

### **Animal Industries**

The number of cattle turned off (including live cattle movement interstate, live exports and cattle slaughtered in the Northern Territory) was 8% lower (33 504 head) to 384 286 head in 2001. However, higher prices resulted in the value of cattle production increasing by 8.7% to \$191 million in 2001. The value of other livestock was almost unchanged at \$18 million.

### **Fisheries**

Fisheries value of production increased by 7.5% to \$162 million and volume by around 30%. Prices were lower for mud-crabs, shark and some other fish species, but were stable for most other products during 2001.

### **Field Crops**

Field crop production increased in volume (4.7%) and value (11.4%) to \$6.9 million in 2001, with higher prices for peanuts, maize and sesame.

### **Horticulture**

Horticulture production during 2001 was stable at \$92 million. Production increases in melons, table grapes and other exotic fruits more than offset reductions in the volumes and values of banana and mango crops (due to the effect of Panama disease in banana and a very poor mango season). Production of vegetables was mostly stable during the year.

Table 2: Northern Territory Primary Industries and Fisheries Production

<b>Northern Territory Primary Industries:</b>	<b>Value</b>	<b>Value</b>
<b>Summaries Of Values</b>	<b>2001 Preliminary \$</b>	<b>2000 \$</b>
Cattle Industry	190 562 800	175 264 400
Other Livestock Industries (Buffalo, Poultry, Horse, Crocodile, Dairy etc)	17 989 200	18 246 300
<b>Total Value of Animal Industries</b>	<b>208 552 000</b>	<b>193 510 700</b>
Fishing Industry		
Fish	19 819 400	19 126 500
Crustaceans [1]	106 434 700	73 908 800
Aquaculture	34 500 000	55 000 000
Molluscs and Echinoderms	1 275 100	2 624 200
<b>Total Value of Fishing Industry [2]</b>	<b>162 029 200</b>	<b>150 659 400</b>
Field Crops Industry		
Cereal (Sorghum, Maize, Sesame, Peanut)	957 600	861 700
Seeds	367 800	454 000
Hay [3]	5 533 500	4 842 000
<b>Total Value of Agricultural Industry</b>	<b>6 858 900</b>	<b>6 157 700</b>
Horticultural Industry		
Fruit and Vegetable [4]	82 199 000	81 701 200
Nursery [5]	10 000 000	10 000 000
<b>Total Value of Horticultural Industry</b>	<b>92 199 000</b>	<b>91 701 200</b>
<b>Total Northern Territory Primary Industries [6]</b>	<b>469 639 200</b>	<b>442 029 000</b>

DBIRD Economic Research Branch

[1] The value relates to prawn fisheries of catch taken from the Northern Territory zone and not landings through Northern Territory ports, as in the statistics prior to 1991-92.

[2] Total value excludes recreational fishing. The drop in value is almost entirely a result of a drop in value of pearl production in difficult international markets.

[3] Statistics on hay are based on collection by the (former) Department of Primary Industry and Fisheries (now Department of Business, Industry and Resource Development) pasture section.

[4] Statistics for fruits and vegetables relate to 2001 production and value.

[5] Estimated value.

[6] These statistics do not include value of production of Northern Territory pet meat, bee industries and station meat consumption.

NOTE: Components may not add to totals due to rounding.

## Sustainability

### Economic Sustainability

Overall, the Northern Territory economy has been growing during the last decade, demonstrating its economic sustainability. In particular, the higher growth rates in the period since 1993-94 have been sustained. Improvements have been made both in the quantity of goods and services provided and in the prices received, even allowing for the higher prices for export crude oil in 1999-2000 and 2000-01.

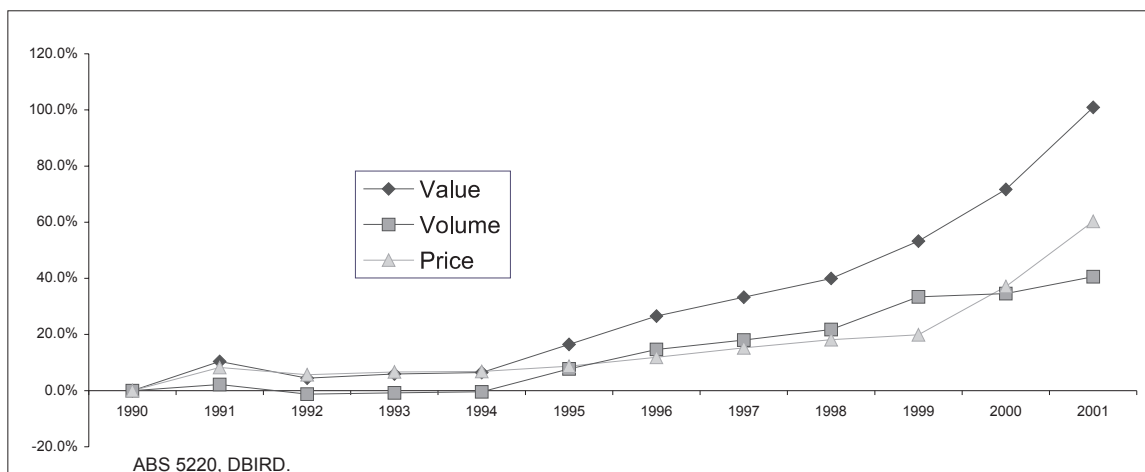


Figure 5: Cumulative Growth in Components of Northern Territory Gross State Product

## Risk

Over the five years to 2000-01, the mining, construction, and agriculture and fishing sectors were the most variable in terms of their value added contributions to the economy. Agriculture and fishing, and property and business services had the most variable labour demand from year to year. The mining, construction, transport and storage sectors had the most variable profits.

## Environment

Energy is an important component of long-term economic sustainability, both as an essential input into the supply of goods and services and as a prime generator of global warming. The manufacturing, electricity generation and transport sectors account for around 81% of total energy consumption (60.5 petajoules in 2001) in the Northern Territory. The average energy consumption has increased by almost 4% a year since 1990. However, the efficiency of energy use (ratio of value adding to energy consumption) has also been increasing, by about 4% annually, over the same period. These energy efficiency gains were higher with the public and private service industries (excluding transport and construction) and with crude oil production. Efficiencies declined over time in the electricity generation and construction industries, though this may also reflect consumer gains associated with improved structural changes in these industry sectors.

## Skills

The total number of managers, professionals and associate professionals employed in Northern Territory businesses and industries has risen 16% over the last five years. This trend towards more skilled managerial and operational capacity is enhancing the long-term performance and sustainability of businesses and industries.

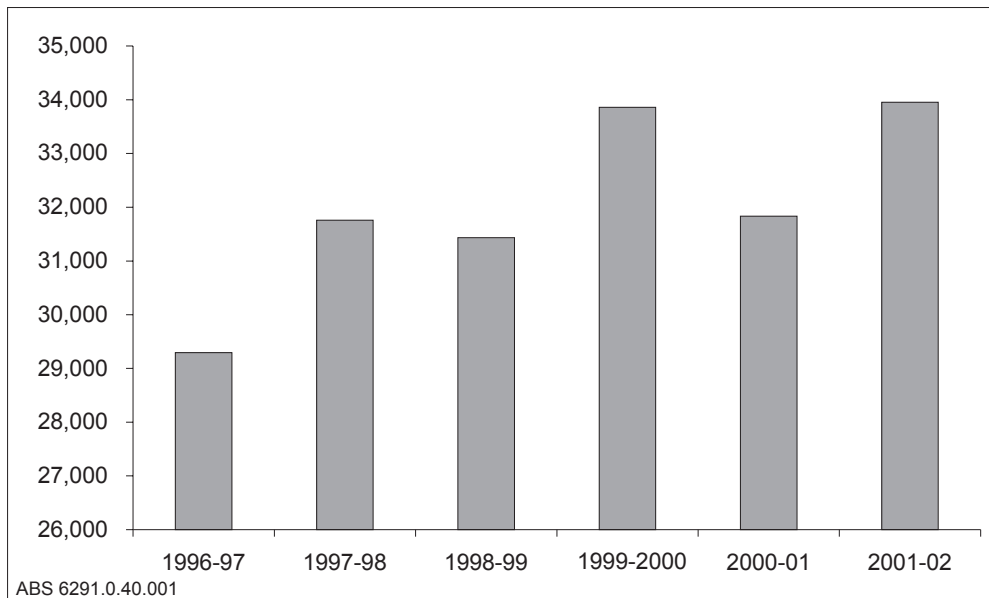


Figure 6: Number of Managers, Professionals and Associate Professionals

## Equity

### Employment

The total number of people employed by various industry sectors in the Northern Territory has increased from 91 800 people in 2000-01 to 98 500 people in 2001-02, an increase of 7.3% (Figure 7). Main increases were in government administration and Defence; health and community services; property and business services, and manufacturing. While total full time employment remained stable at around 72 200 people during the past two years, part time employment has risen 34% from 19 576 in 2000-01 to 26 270 during 2001-02.

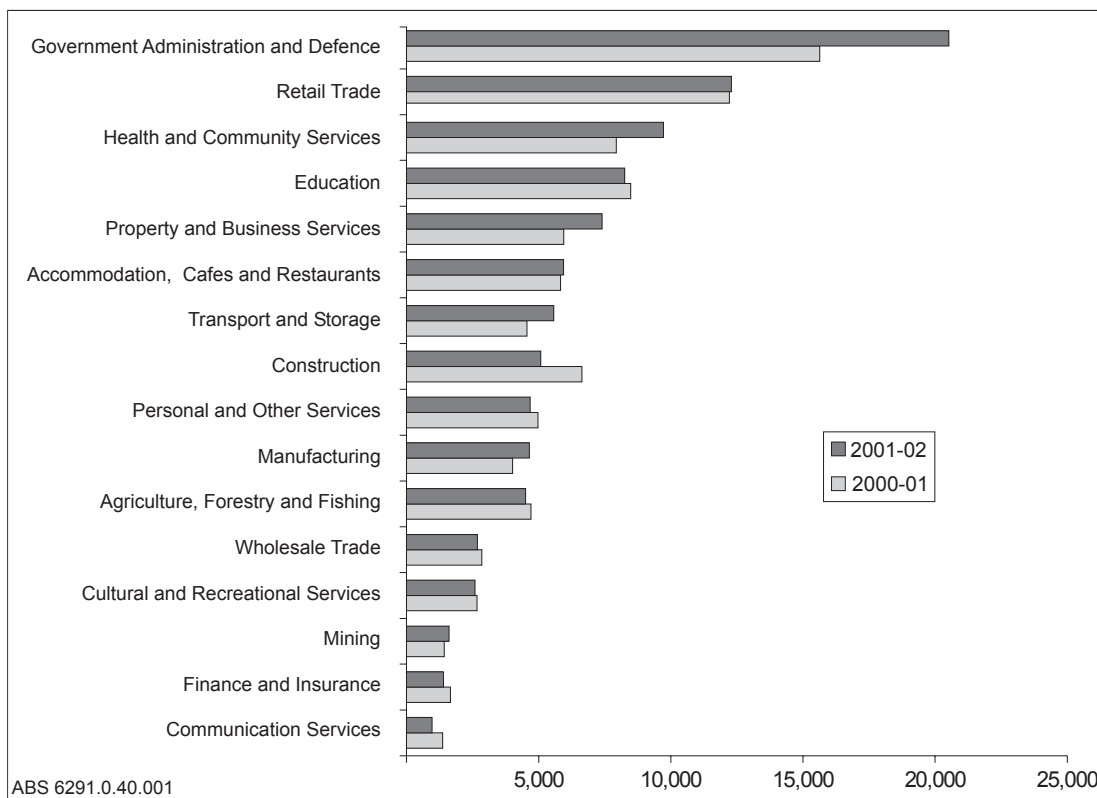


Figure 7: Total Persons Employed by Industry Sectors in the Northern Territory

## **Income**

Industry employment is the major source of income distribution in the Northern Territory with an estimated 83.3% of income derived from non-government sources, compared with 70% for Australia. The ratio of female/male earnings is slightly below the Australian average. The Northern Territory had the most equitable distribution of household disposable income in Australia during the 1990's.

## **Benefits**

The ABS State Accounts indicates that the share of the value added by Northern Territory industries, excluding the mining sector, to salaries and wage earners has been rising from 58.6% in 1993-94 to 64.3% in 2000-01. The balance of the value added is largely distributed to industry investors and owners.

## **Regions**

Considerable variation exists between Northern Territory regions in economic opportunities and performance. In 2001 unemployment, as an index of relative economic activity, varied three fold between the six ABS Statirical regions (Darwin and Environs 4.6%, Barkley 6.6%, Katherine 8.8%, Central 9.4%, East Arnhem 12.7% and Darwin Region Balance 13.9%).

## **Partnerships**

### **Community**

The Economic Development Summit was held 4-6 November 2001 and involved active and widespread consultation and participation among government, business, industry and regional communities.

### **Industry**

The summit provided impetus to a diverse range of economic development issues, including the Government's Economic Development Strategy. Subsequently, business and industry have been actively involved in new policy developments, including the International Trade Strategy and Local Content Policy.

### **Business**

The establishment of the Northern Territory Business Round Table in February 2002 has provided a consultative mechanism for business and industry to engage with Government to discuss business development issues in the Northern Territory. Representatives from five industry associations and the general business community met Government Ministers monthly. Participation was on a regular rotating basis, which also enabled full regional participation by local business and industry at regional meetings. A diverse range of topics was raised by business at the Round Table meetings and included, among other issues, business costs, infrastructure development and regional development.

### **Indigenous Mining and Contracting**

The broadly based Indigenous Mining and Enterprise Task Force (IMETF) initiative is dedicated to increasing Indigenous employment and contracting opportunities in industry, with a major focus on the mining sector. Other partnerships in the mining sector include the Community Education Program, involvement in the Northern Territory Geological Survey, an Indigenous Land Use Agreement with the Central Land Council and a Memorandum of Understanding between the Borroloola community, the McArthur River Mine and Northern Territory Government, to provide pre-vocational training.



### **Indigenous Agriculture and Fisheries**

Indigenous partnerships in primary industries and fisheries include fisheries management, skills enhancement through the FarmBis Program, co-operative land management programs, horticultural and pastoral opportunities, and the co-operative development of barramundi sea-cage farming adjacent to Bathurst Island.

# Corporate Profile

## Objective

The department's objective is to provide leadership and coordination for the economic development of businesses and industries and develop available resources across the regions of the Northern Territory. Industries covered include minerals, petroleum, pastoral, agriculture, horticulture, fishing and the manufacturing and service sectors.

## Projected Outcomes

- Enhanced industry capacity, performance and sustainability throughout the Northern Territory.
- Resource ownership, safety and sustainable resource development in the mining, agricultural and fishing industries throughout the Northern Territory.

## Strategic Direction

The department aims to encourage sustainable investment, business and employment growth to expand the value and range of exports from the Northern Territory and develop a secure long-term economic future for the Northern Territory. This will be achieved through:

- advancing mineral prospectivity to discovery, developing known resources and promoting value adding activity, ensuring a safe, environmentally responsible mining industry, facilitating exploration for oil and gas and promoting safety in the oil and gas sector;
- growing primary industry, realising horticultural potential, developing the emerging agricultural sector and developing livestock production;
- growing fisheries, sustainable utilisation of Northern Territory fishing resources developing the aquaculture industry; and
- creating an attractive business environment, encouraging business growth and development, encouraging Northern Territory business participation in Defence activities, building stronger trade, positioning Northern Territory business to succeed in Asia and developing the Information, Communications and Technology (ICT) industry.

## Key Functions

The department's key functions are:

- increasing the *capacity* of businesses and industries through investment attraction, identification of new opportunities, and increased knowledge of, and access to, Northern Territory resources;
- improving the *performance* of businesses and industries through enhanced human capabilities, improved production technologies, improved policy and institutional settings, and improved trade opportunities;
- improving the *sustainability* of businesses, industries and resources through information and regulation relating to tenure, occupational health and safety, environmental safeguards, and long-term economic viability, including risk management;
- improving *equity* for Indigenous communities, local businesses and regions through policies and initiatives designed to capture more local content and to diversify economic activity; and
- building extensive *partnerships* across industries, communities, agencies, governments and global regions to ensure maximum leverage for the economic development of Northern Territory businesses and industries.

## Statutory Responsibilities

Under the Administrative Arrangements Order, the department is responsible for the following principal areas of Government:

- primary production (including pastoral, agricultural and horticultural industries);
- fisheries development and research;
- International agricultural quarantine;
- weed management (transferred to the Department of Infrastructure, Planning and Environment (DIPE) on 1 July 2002);
- orderly exploitation of minerals, oil and gas;
- regulation of exploration and mining;
- mines safety and occupational health;
- geological survey;
- energy policy, planning and development;
- industry and business assistance and advisory service;
- industry development;
- promotion of investment opportunities and products and services;
- trade policy and trade development;
- international relations, investment attraction and facilitation;
- management of Northern Territory overseas representation and international consultancies; and
- Defence industry support.

## Acts Administered by the Department

The department was responsible for the day to day administration and review of a number of Acts and associated regulations. A detailed listing of the Acts for which the department has responsibility is contained in Appendix 1.

Information about new legislation and amendments is provided in Appendix 2.

# Corporate Governance

## Board of Management

The Board of Management is responsible for providing strategic direction and prudent financial management of the department. The Board meets monthly and is made up of the following senior officers:

### **Peter Blake, Chief Executive Officer and Chairman of the Board of Management**

Peter was appointed Chief Executive Officer of DBIRD in November 2001. Before this, Peter was CEO of the Department of Mines and Energy and CEO of the Department of Asian Relations and Trade from October 1996, CEO of the Department of Primary Industry and Fisheries from mid 1990; Deputy Secretary of that department from March 1987; CEO of the Department of Ports and Fisheries and Chairman of the Darwin Port Authority from 1984 to 1987; and General Manager of the Northern Territory Development Corporation from 1978 to 1984. Peter came to the Northern Territory from the Western Australian Government in 1972.

### **John Carroll, General Manager, Business and Trade Development**

Before the establishment of DBIRD, John was CEO of the Department of Industries and Business (DIB) from June 2000. Before moving to the Northern Territory in March 2000 to take up the position of Deputy CEO of the DIB, John was Deputy Director-General, Business, Innovation and Trade in the Queensland Department of State Development and Deputy-Director General and Director-General of the Queensland Department of Economic Development and Trade. John has 30 years of public sector experience in Canberra, Queensland and the Northern Territory.

### **Rita Harvey, Deputy General Manager, Business and Trade Development**

Rita has been Deputy General Manager, Business and Trade Development since DBIRD was formed. Her former executive roles include Deputy CEO, Department of Asian Relations and Trade (DART), Deputy CEO, Department of Education, Deputy CEO, Department of Asian Relations, Trade and Industry, Senior Assistant Secretary, Policy and Coordination, Director, Strategic and Audit Services and Director, Information Services of the Department of the Chief Minister (DCM), Northern Territory Regional Commissioner, Australian Securities and Investment Commission, and Northern Territory Commissioner for Corporate Affairs. She has 30 years private and public sector experience in management and accounting. Sectors she has been involved with include insurance, fashion, hospitality, mining, engineering and stockbroking industries.

### **Brian Ely, General Manager, Minerals and Energy**

Brian was appointed as General Manager, Minerals and Energy on the establishment of DBIRD. Before this, he held the positions of Chief of Staff to the former Chief Minister, CEO of DART and Deputy CEO with DCM. Before joining the Northern Territory Government in 1999, Brian held senior positions in the Commonwealth Government Departments of Defence, Prime Minister and Cabinet and Foreign Affairs.

### **Roger Smith, General Manager, Primary Industry**

Roger became the General Manager Primary Industry following DBIRD's creation in November 2001. Roger was CEO of the Department of Primary Industry and Fisheries (DPIF) from October 1996 and before then, was Deputy CEO of the Department of Lands, Planning and Environment (DLPE) and Deputy Director of the Conservation Commission. His diverse experience of 30 years spans areas such as forestry, fire management, parks management, heritage conservation, Landcare, environment protection and natural resource management.

**Richard Sellers, Executive Director, Fisheries**

Richard initially acted as the Executive Director, Fisheries in DBIRD, until being confirmed in the position in April 2002. Since coming to the Northern Territory in 1999, Richard has held senior positions as Assistant Director Fisheries and Director Legal and Policy in the DPIF. From 1996 to 1999, he held senior roles within Fisheries Western Australia, including Regional Manager Mid West and Commercial Fisheries Program Manager. Richard has management and research experience from a range of public sector roles within the Western Australia Education Department, the Western Australia Museum and Western Power, as well as experience in the fishing industry.

**Howard Dengate, Executive Director, Strategic Services**

Howard was appointed Executive Director Strategic Services in DBIRD after three years as Director Agribusiness for the Office of Resource Development (ORD). Howard previously spent six years as Deputy CEO and five years as Assistant Secretary Plant Industry for the DPIF. His major focus with ORD was development of the Ord River Irrigation Area Stage 2, the Katherine Daly Basin, attraction of commercial agribusiness and external funding and international trade, particularly in live cattle. He studied food technology at the University of NSW and worked for 10 years in wheat research in New Zealand before becoming Director of the Agricultural Research Institute, Wagga Wagga, New South Wales.

**Phil Anning, Regional Director, Central Australia**

Phil was Regional Director Alice Springs with the DPIF before becoming Regional Director, Central Australia, when DBIRD was formed. Phil worked throughout northern Queensland with the Queensland Department of Primary Industries prior to moving to the Northern Territory in 1999. He has experience in rangeland research, extension agronomy, horticultural development and agribusiness as well as international consultancy experience in Asia and Africa for the World Bank, Food and Agriculture Organisation and private agribusiness consortia.

**Jenny Purdie, Regional Director, Tennant Creek**

Jenny held the position Regional Director, Tennant Creek with DPIF from December 1999 before taking up the role of DBIRD's Regional Director, Tennant Creek, in November 2001. Jenny previously worked in the Alice Springs herbarium and her diverse experience extends to working with the Darwin herbarium, the Berrimah Veterinary Laboratory, the stock inspector service, the domestic meat industry and as Principal Inspector (Meat) in Darwin.

**Jack Peart, Regional Director, Katherine**

Jack was appointed to the position of Regional Director, Katherine, for DBIRD in May 2002. He combines this role with his responsibilities as Director Pastoral in the Primary Industry Group of the department. Prior to DBIRD's establishment, Jack held positions with DPIF, including Assistant Secretary Pastoral, Director Pastoral, Director Agriculture and Regional Director, Tennant Creek. Jack joined that agency as Senior Advisory Officer in Alice Springs in 1989 after a career in the private sector, including managing his own Queensland cattle property, working with a feed and fertiliser company and as a consultant in Asia.

The work of Board of Management is supplemented by:

### **Extended Board of Management**

This Board meets quarterly to discuss and resolve management and operational issues and exchange information on strategic, systems and operational issues. Membership of the Extended Board of Management includes all departmental directors.

Other bodies which complement the work of the Board of Management and the Senior Executives in developing and implementing best administrative practice policies include:

### **Information Management Committee**

The Information Management Committee (IMC) was established in March 2002 to give strategic direction to the management of information and knowledge within the department. The IMC meets monthly and is supported by the Information Technology Sub Committee and the Web Consultative Committee.

### **Audit Committee**

The primary objective of the Audit Committee is to assist the CEO and the Executive Board to fulfil their responsibilities relating to internal control arrangements and to foster a culture of compliance within the department. The Audit Committee was formed in May 2002 with membership from all departmental groups. The Committee includes an independent representative from the Risk Management Services of the DCM. The Audit Committee meets quarterly.

### **Occupational Health and Safety Steering Committee**

An Occupational Health and Safety Steering Committee has been established to ensure the implementation of the department's Occupational Health and Safety Management System, develop safety policies and programs and review accident, incident and workers compensation statistics.

Workplace committees representing Alice Springs, Tennant Creek, Darwin and Katherine are in place. Each committee includes representation from work groups and senior management. The committees facilitate communication over health and safety issues and develop recommendations to management for improvements to the health and safety systems.

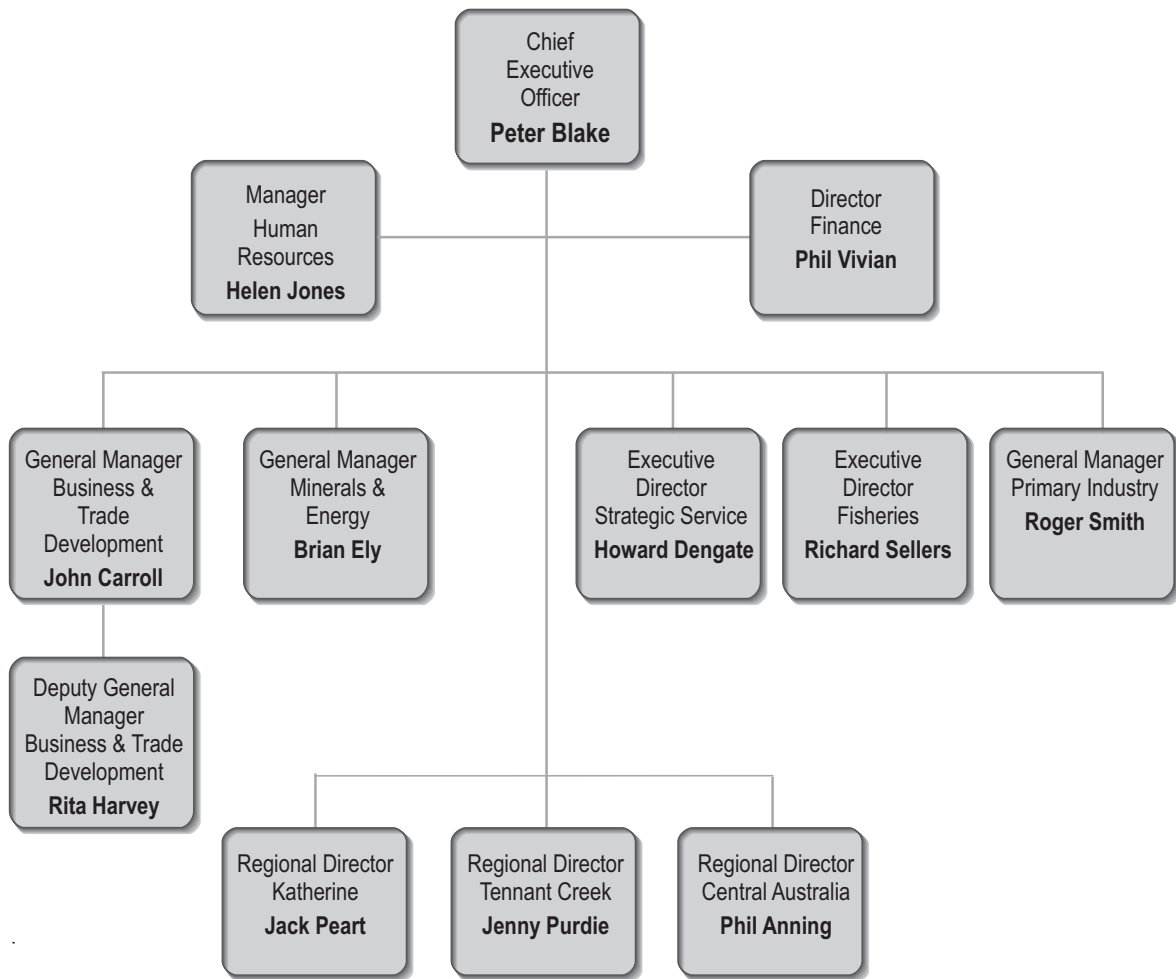


Figure 8: Senior Management Structure

## Key Department Contacts

### Head Office

Development House 76 The Esplanade Darwin NT 0800	<b>Postal Address</b> GPO Box 3000 Darwin NT 0801
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**Web Site:** [www.dbird.nt.gov.au](http://www.dbird.nt.gov.au)

### Territory Business Centres

email: [territory.businesscentre@nt.gov.au](mailto:territory.businesscentre@nt.gov.au)  
Office hours are from 8am to 5pm, Monday to Friday.

#### Darwin

Ground Floor  
Development House  
76 The Esplanade  
GPO Box 3000  
DARWIN NT 0801  
  
Telephone: (08) 8924 4280  
Facsimile: (08) 8924 4290  
Toll Free: 1800 193 111

#### Alice Springs

Peter Sitzler Building  
67 North Stuart Highway  
PO Box 2134  
ALICE SPRINGS NT 0871  
  
Telephone: (08) 8951 8524  
Facsimile: (08) 8951 8533

#### Katherine

Shop 1, Randazzo Building  
18 Katherine Terrace  
PO Box 867  
KATHERINE NT 0851  
  
Telephone: (08) 8973 8180  
Facsimile: (08) 8973 8188

#### Tennant Creek

Shop 2, Barkly House  
Cnr Davidson and Paterson Streets  
PO Box 1221  
TENNANT CREEK 0861  
  
Telephone: (08) 8962 4411  
Facsimile: (08) 8962 4413

### Business and Trade Development

	Telephone	Fax	email
Executive	08 8999 7239	08 8999 5333	<a href="mailto:kay.ascoli@nt.gov.au">kay.ascoli@nt.gov.au</a>
Enterprise Development and Liaison	08 8999 7891	08 8999 7924	<a href="mailto:liz.nicholls@nt.gov.au">liz.nicholls@nt.gov.au</a>
Defence, Petroleum and Mining Support	08 8999 7520	08 8999 5333	<a href="mailto:margie.hurt@nt.gov.au">margie.hurt@nt.gov.au</a>
Industry Development	08 8999 7162	08 8999 5333	<a href="mailto:murray.hird@nt.gov.au">murray.hird@nt.gov.au</a>
International Business and Investment Facilitation	08 8999 5317	08 8999 5333	<a href="mailto:maryanne.taylor@nt.gov.au">maryanne.taylor@nt.gov.au</a>



## Fisheries

	Telephone	Fax	email
Inquiries	08 8999 2144	08 8999 2065	fisheries.dbird@nt.gov.au
Fishwatch	1800 891 136	08 8999 2065	
Marine Pest Hotline	1800 720 002	08 8999 2065	

## Minerals and Energy

	Telephone	Fax	email
Mining Services	08 8999 5298	08 8999 5191	
Energy	08 8999 5460	08 8999 5530	energy.operations@nt.gov.au
Northern Territory Geological Survey	08 8999 5313	08 8999 6824	
Titles	08 8999 5322	08 8981 7106	titles.info@nt.gov.au
Titles Information System	08 8999 5322	08 8981 7106	titles.info@nt.gov.au
Mines	08 8999 6470	08 8999 6527	

## Primary Industry

	Telephone	Fax	email
Primary Industry Services	08 8999 2394	08 8999 2010	wayne.mollah@nt.gov.au
Resource Protection	08 8999 2390	08 8999 2049	ian.kilduff@nt.gov.au
Horticulture	08 8999 2284	08 8999 2049	niranjan.dasari@nt.gov.au
Agriculture	08 8999 2363	08 8999 2043	bruce.sawyer@nt.gov.au
Pastoral	08 8973 9747	08 8973 9777	jack.peart@nt.gov.au
Coastal Plains Horticulture Research Farm	08 8988 8085	08 8988 8014	

## Strategic Services

	Telephone	Fax	email
Executive	08 8999 5445	08 8999 5106	howard.dengate@nt.gov.au
Policy Development and Coordination	08 8999 7993	08 8999 5106	marj.morrissey@nt.gov.au
Information Management	08 8999 7863	08 8999 7070	christine.julius@nt.gov.au

## Regional Offices

### Alice Springs

	Telephone	Fax	email
Regional Director	08 8951 8100	08 8951 8112	phil.anning@nt.gov.au
Arid Zone Research Institute Alice Springs	08 8951 8122	08 8951 8112	jo.cunningham@nt.gov.au

### Katherine

Regional Director	08 8973 9747	08 8973 9777	jack.peart@nt.gov.au
Katherine Research Station	08 8973 9739	08 8973 9777	
Victoria River Research Station	08 8975 0762	08 8975 0875	don.cherry@nt.gov.au

### Tennant Creek

Regional Director	08 8962 4485	08 8962 4480	jenny.purdie@nt.gov.au
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## Business and Trade Development Group

The Business and Trade Development Group provided a range of support and advisory services to encourage sustainable investment, encourage business and employment growth, expand the value and range of Northern Territory exports and develop a secure long-term economic future for the Northern Territory.

### Executive

The Executive provided effective management and direction for the group's activities to promote development of Northern Territory industry and business and ensured the delivery of accurate and appropriate information and advice to Government.

### Enterprise Development and Liaison Division

The Enterprise Development and Liaison Division provided a range of services to Northern Territory business. These included:

- licence and general business information;
- information about lodging licence applications;
- advisory services to facilitate business growth and business management capabilities; stimulate the up-take of e-business strategies and increase the capability of Northern Territory businesses; and
- management of the department's loan portfolio and industry assistance, grants and sponsorship programs.

### Territory Business Centres

Territory Business Centres (TBC) located in Darwin, Katherine, Tennant Creek and Alice Springs, are the first contact and referral points for many services and products provided by Government departments, including business planning assistance, general business advisory services and links to departmental assistance programs. They provide a high standard of customer service and deliver a comprehensive range of business related functions.

There has been an increase of 61% in the number of services being provided by the TBCs in the three years they have been in operation.

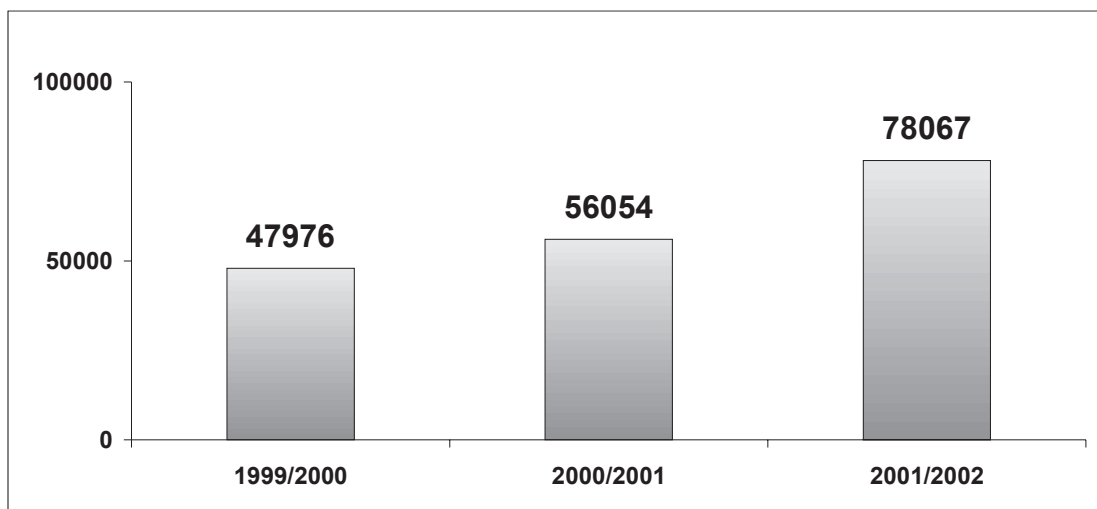


Figure 9: Services Provided Through Territory Business Centres 1999-2002

More than 78 000 TBC services were provided during 2001-02. This includes more than 41 000 call centre enquiries and more than 36 000 licence and information services. TBCs provided clients with up-to-date business information and issued more than 2000 business information kits during the financial year.

More than 300 clients received information packages about licences required to operate businesses in the Northern Territory through the Business Licensing Information Service (BLIS), including the distribution of more than 2500 Commonwealth, State and Local Government applications.

The TBC website was maintained to ensure Northern Territory businesses had ready access to business related information. There was positive client feedback on the timely and efficient services provided.

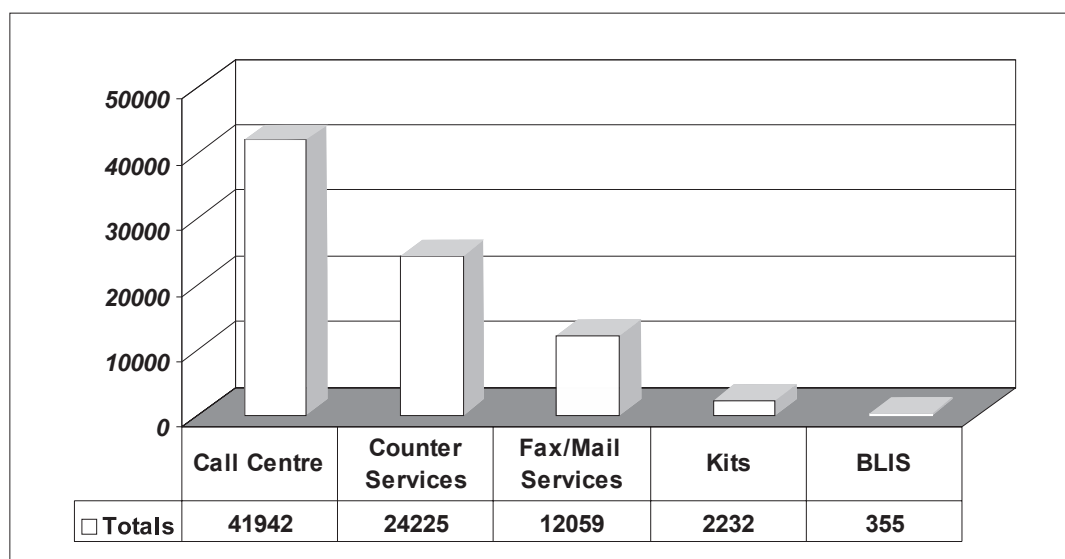


Figure 10: Territory Business Centre Services 2001-02

More than 22 000 licences were issued through the TBCs on behalf of the following Northern Territory Government agencies

<b>Department of Justice</b>	
3 701	Registered business names
5 952	Business name extracts
3 416	Changes to business
651	Ceased business
<b>Northern Territory Treasury – Racing, Gaming and Licensing</b>	
4 563	Trade promotions
413	Security officers licences
414	Crowd controllers licences
629	Special liquor licences
<b>Department of Education, Employment and Training – Work Health</b>	
2 703	Occupational health and safety licences, dangerous goods licences and ozone.

Table 3: Licences Issued by Territory Business Centres for Other Government Agencies

Further 14 000 licence applications were lodged through the TBCs and referred to appropriate agencies.

A review of the TBCs commenced in February 2002. The review's objective is to identify ways to improve the effectiveness of TBCs, to identify additional services that could be provided through TBCs and to introduce and integrate Business Case Managers across the whole of Government. Using a client survey, the review team consulted individual TBC clients. The team also conducted interviews with business association representatives. The review is in the final stages and a report will be provided to the Minister for Business, Industry and Resource Development in 2002-03.

### **Case Manager Network**

The department is the lead agency of a Government task force which is implementing an election commitment to establish a Case Manager Network in the Northern Territory.

Case managers have been nominated in relevant government agencies with the network being established to assist business people through the government licensing and regulation process and to minimise the impact of "red tape". Work has commenced on a system to allow easy communication and client management among agencies.

The task force was established to prepare a fully costed implementation strategy. The project includes the establishment of a Case Manager database for use across all relevant agencies. Work on this initiative will continue in 2002-03.

### **Client Consultations**

More than 1000 businesses, an increase of 12% over the previous year, accessed information and assistance through the department's business consultation service during 2001-02. Services included:

- information and assistance to new and intending business starters;
- information and assistance to businesses relocating to the Northern Territory;
- information and assistance to Northern Territory businesses seeking to expand;
- business skills training;
- referrals to other Government agencies;
- business matching; and
- business planning.

Clients accessed information by telephone, website, personal visits and had access to department officers under a department-initiated business visit program.

### **AusIndustry Partnership**

On 25 March 2002, AusIndustry officially opened its Northern Territory representative office in Darwin. AusIndustry is a Commonwealth Government body within the Department of Industry, Tourism and Resources designed to help Australian businesses become more innovative and internationally competitive. Ausindustry offers a range of commercial incentives for Australian businesses to help them achieve this aim. The department supports this service by providing office space in Development House.

This relationship between AusIndustry and the department gives Northern Territory businesses access to both Northern Territory and Federal Government assistance schemes

including AusIndustry's Research and Development Start and Commercialising Emerging Technologies (COMET) programs.

### **Business Workshops and Seminars**

The division provided funding of \$160 115 to the Business Enterprise Centre (BEC) to provide:

- business information and advice;
- "Introduction to Business" Workshops;
- a client referral service to business related agencies; and
- a client referral service to business professionals such as accountants and solicitors.

In 2000-01, 1039 people participated in the workshops offered throughout the Northern Territory. In 2001-02, this increased by 60% to 1659 people. Approximately 100 people utilised the referral service.

The BEC Manager facilitated two one-day workshops designed for Indigenous business. The workshops were delivered at Titjikala and Hermannsburg.

One hundred people attended two New Starter seminars coordinated by the division and held in Darwin.

### **Business Awards**

Key business award programs to promote the capability and success of Northern Territory business were supported throughout the Northern Territory. Financial assistance of \$55 181 was approved for seven organisations. Details are at Appendix 4. The Telstra and Northern Territory Government Small Business Awards were a key focus of the department's business award program.

The department provided \$1000 support to the Business and Professional Women's, Young Business Woman of the Year Award. The award, which was introduced in 2001-02, is to promote and celebrate the accomplishments of young Northern Territory business women.

### **October Business Month 2001**

October Business Month (OBM) is the premier annual business event presented by the department. OBM 2001 was allocated an operational budget of \$100 000.

Pacific Access-Yellow Pages continued as the OBM gold sponsor in 2001. The Northern Territory Chamber of Commerce and Industry also continued its support as silver sponsor. OBM 2001 attracted two new silver sponsors, the Territory Insurance Office and eNTITY1. In addition, there was a 95% increase in private/corporate sponsorship and an impressive 450% increase in Northern Territory Government agency support in 2001.

Following evaluation of client feedback from OBM 2000, the 2001 program was modified to deliver more focussed workshop-style events. The improved format allowed greater interaction between presenters and attendees. More than 2700 people took part in 126 events throughout the Northern Territory.

A survey of OBM participants indicated that 89% felt they would benefit from business seminars being held throughout the year, with 54% of the respondents indicating a preference for quarterly seminars. In response, the division has developed a quarterly business training calendar which is distributed to businesses.

More than 15% of participants chose online registration for OBM 2001, a 50% increase over this form of registration for OBM 2000. The OBM website averaged 87 hits per day.

### **Women in Business**

The department continued its work with the Women's Advisory Council, Business and Professional Women and other key business associations to promote and support women in business throughout the Northern Territory.

A focus on women in business continued during OBM 2001 with nine seminars targeted towards women in business. Presenters included author Annette Sym, who was the 2000 Sunshine Coast Business Woman of the Year, and keynote presenter Colin Pearce, author and businessman.

Seminars were held throughout the Territory, including Nhulunbuy and Tennant Creek, and attracted more than 500 women.

### **Youth Desk**

Throughout the year, the Youth Desk continued to engage young Territorians through a number of programs and support services. The Youth Desk responded to 89 specific requests about programs and services. This is consistent with previous years.

In 2001-02, the Youth Desk continued its association with a number of youth award programs including Shell Livewire and the Youth Business Awards. It also continued its school and Northern Territory University (NTU) visitation program, with 13 tailored presentations delivered across the Top End.

Thirty expressions of interest were received in the *Getting Started – A Business Assistance Scheme for Youth*. A review of the program's effectiveness in assisting young people in business commenced in 2001-02.

Forty-eight young people attended the Young Business Network. This initiative of the Youth Desk was developed in Darwin and Alice Springs. It allows young people in business or those intending to start a business to meet, network and listen to the experiences of successful business people.

The Youth Desk also published an information brochure for youth in eBusiness.

### **eBusiness**

The department's eBusiness Branch undertook 289 individual client consultations (an increase of 86%) and delivered support and information programs to raise the level of awareness and stimulate the uptake of eBusiness by Northern Territory businesses.

Working in partnership and collaboration with Northern Territory ICT industry associations and Northern Territory and Commonwealth Government agencies to identify industry specific eBusiness needs, the branch developed programs and facilitated 27 events across urban and regional areas of the Northern Territory. These are detailed below. A number of industry information seminars were delivered in partnership with ICT agencies and businesses, including DMR Consulting, Australian Competition and Consumer Commission, eNTITY1, Oracle, Igatech, Octa4, Optus, QANTM, Telstra Country Wide, eBiz30 and Pacific Access.

Table 4: eBusiness Events 2001-02

Location	Event
Alice Springs	Alice Springs Show – DBIRD exhibit
	Mining and Petroleum Supply Seminar
	eBusiness Roadshow
	IT Made Simple with Ms Mega Byte lunch seminar
	IT mini expo
	CWA National Rallies seminar
Darwin	Darwin Show – DBIRD exhibit
	Northern Territory Expo
	Defence Materiel Organisation 2001 – Defence and industry briefing
	Australian Institute of Office Professionals AGM – eBusiness presentation
	eBusiness Roadshow
	IT Made Simple with Ms Mega Byte dinner seminar
	Practical Tips for eBusiness seminar
	Dissecting an eBusiness Website
	Technologies for business
	eTailing seminar
	Internet Trading Seminar with ACCC
	Make Toast of the Latest in Databases seminar
	Is Your Website Working as Hard as You do for Your Business? seminar
	Yellow Pages Business Ideas grants information seminar
	CPA Conference – Accounting in the eAge
	Mini Expo
Jabiru	Mini Business Expo
Katherine	Katherine Region Online portal launch
	eBusiness roadshow
Nhulunbuy	Mini Business Expo
Tennant Creek	NT Safe
	CWA National Rallies seminar

A directory of Northern Territory based, owned and operated ICT businesses, eDIRECT, which is located on the department's eBusiness webassite, was refreshed and updated. eDIRECT is an interactive, easy to use register for businesses searching for locally-supplied products and services. The number of businesses registered on the site increased by 21% in 2001-02.

Several new initiatives aimed at assisting businesses in their uptake of eBusiness were implemented, including:

- development and publication of six eBusiness related publications which were published in print and on the department's web site;



- publication and distribution of five electronic newsletters about eBusiness issues, each of which was distributed to more than 500 people;
- an ongoing program of consultation with businesses throughout the Northern Territory to assess the needs and usage of eBusiness by businesses within the regions was provided under a Regional and Remote eBusiness Program. Twenty-five regional visits were undertaken to provide eBusiness information and assistance to businesses in areas outside Darwin (a list of these is provided below); and
- support for a delegation of 11 Northern Territory ICT businesses that attended the World Congress on Information Technology in Adelaide in February 2002.

Table 5: eBusiness Regional Visits

Fred's Pass	1	Bathurst Island	1
Dundee	1	Nhulunbuy	2
Yirrkala	1	Jabiru	1
Katherine	4	Mataranka	1
Timber Creek	1	Tennant Creek	2
Alice Springs	7	Wallace Rock Hole	1
Hermannsburg	1	Titjikala	1
<b>Total regional eBusiness visits: 25</b>			

## Financial Assistance

### Loan Management

Management and administration of the department's loan portfolio, including Katherine Flood Natural Disaster Relief Arrangement Loans and Drought Loans, continued. The portfolio consists of 87 loans totalling \$5.9 million. During the year, loan repayments of more than \$1.3 million were received.

### Business Growth

The department's enterprise improvement program, Business Growth, offers funding and development services to established businesses to enhance business performance, profitability, employment levels and market penetration.

In 2001-02, assistance to 24 businesses was approved. The program gave businesses the opportunity to work closely with highly-skilled business improvement consultants to achieve better business growth.

Thirty-two businesses, including some which commenced programs during 2000-01, completed Business Growth programs during the financial year. Included in this were nine businesses from Alice Springs, Katherine and Pine Creek. Funding totalled \$187 230.

Two Indigenous businesses completed the Business Growth-Cultural Enterprise Development Program (CEDP). The CEDP is jointly funded by this department and the Northern Territory Department of Community Development, Sport and Cultural Affairs. (DCDSCA).

Appendix 4 provides a list of the businesses assisted and the subsidies provided under the Business Growth program.

### **Export Marketing Assistance Scheme**

This proactive marketing scheme financially supported 37 Territory businesses with funding and/or approvals totalling \$130 129 in 2001-02. This is the highest level of access and financial assistance since the scheme was reviewed and enhanced during 1999. The Export Marketing Assistance Scheme (EMAS) supported 33 Territory businesses with funding and/or approvals totalling \$100 708 in 2000-01. Appendix 4 provides details of EMAS assistance in 2001-02.

### **FarmBis**

Financial support of \$157 652 was provided in 2001-02 to 368 primary producers and land managers for training to improve their business and natural resource management skills. Included was assistance to six Indigenous communities for training in developing business plans for pastoral enterprises.

### **Fertiliser Freight Assistance Scheme**

During the financial year, 90 commercial primary production enterprises received a total of \$184 263 in subsidies to assist with the high cost of importing fertiliser to the Northern Territory. Horticultural growers, predominantly mango and grain/hay producers, were the major beneficiaries of the scheme.

### **Industry Development Grants and Sponsorship**

Nine businesses received financial assistance or approvals through industry development grants totalling \$318 508. Appendix 4 provides details of this assistance.

Sponsorship totalling \$87 009 was approved for 11 organisations or events across a wide range of industry sectors. Appendix 4 provides details of the sponsorship approved.

Sixteen industry associations and non-profit organisations received financial assistance funding and/or approvals totalling \$2.258 million to assist with operational costs and ensure continuity of their services to Northern Territory business and industry. Appendix 4 provides details of the funding provided.

### **Pastoral Water Enhancement Scheme**

A total of 17 Pastoral Water Enhancement Scheme applications were paid, an increase of 35% over last financial year. The Scheme provided \$177 965 towards the introduction of new watering facilities on Northern Territory pastoral enterprises. Properties from the Sturt Plateau region continue to support the Scheme with more than 30% of applications received from that area. Appendix 4 provides details of the funding provided.

## **Defence, Petroleum and Mining Support Division**

The Defence, Petroleum and Mining Support Division provided a range of services aimed at increasing the Northern Territory's share of expenditure and employment from oil and gas, mining and Defence activities in the region.

The division worked closely with local industry organisations such as the Northern Territory Industry Search and Opportunities Office (NTISO), the Northern Territory Minerals Council Inc (NTMC), the Northern Territory Chamber of Commerce and Industry (NTCCI) and the Australian Industry Defence Network-NT (AIDN-NT) to:

- identify and promote opportunities for local industry to gain supply and service work in the region's defence, mining and petroleum sectors;
- encourage expansion and enhance capability of the Northern Territory's industrial

base through alliance building;

- increase direct Northern Territory based employment; and
- promote Darwin as a regional operations base and supply and service centre to the defence, mining and petroleum industries of northern Australia and adjacent regions.

The division supports local industry through business development, export market development and local content monitoring in relation to petroleum, mining and Defence activities in the Northern Territory and the South East Asian region. In 2001-02, services provided by the division included:

- providing project information, intelligence and contacts to local industry through regular individual client briefings;
- promoting Darwin capability to petroleum and mining companies and prime contractors, and actively lobbying these companies to support local industry development;
- organising and leading industry delegations to trade shows interstate and overseas;
- organising and participating in seminars and workshops;
- providing market information, contacts and information about the Northern Territory to interstate and overseas target companies;
- organising inbound business delegations;
- preparation of newsletters and other media and other promotional material;
- Networking and alliance building; and
- provision of information and advice on resource sector and defence issues to the Minister and the Government.

### **Oil, Gas and Mining**

Up to 70% of the operating expenditure of some mines and petroleum operations was spent with Northern Territory businesses in 2001-02. Most employment in mining operations was Northern Territory based, but employment in petroleum projects continued to be largely Fly-In/Fly-Out.

The “whole of Government” Phillips local content strategy for the Bayu-Undan project was prepared and promulgated by the division.

The division also facilitated local business opportunities associated with the construction and installation of offshore facilities, the proposed LNG plant and pipeline, and operational support for the Bayu-Undan project.

Two major seminars to provide Northern Territory businesses with information and networking opportunities relevant to gaining work from mining and petroleum exploration operations, development and production were organised by the division. Division officers also participated in the seminars. The seminars were:

- A “Meet the Buyer, Meet the Seller” forum in Alice Springs in August 2001, which acted as a catalyst to improve relationships between project operators and the Alice Springs business community. The ‘Alice in 10’ project resulted in local suppliers winning more business from mining operations in the Tanami Desert.
- A supply manager and procurement officer workshop and tour of Darwin’s industrial areas in February 2002 to address supply chain training issues and showcase Darwin’s increasing infrastructure and service and supply capabilities.

Delegations were led to a number of interstate and overseas exhibitions and events. The objectives of these delegations were to promote Darwin and Alice Springs as supply and service centres, develop industry alliances with established interstate and overseas suppliers and attract new players and investment. In 2001-02, delegations included:

- Offshore Europe in Aberdeen, UK, September 2001;
- Northern Offshore Federation (UK) Trade Mission, Perth, March 2002; and
- Carpentaria Mineral Province Expo, Mount Isa, April 2002.

In July 2001, Emeritus Professor I Jones completed a report commissioned by the former Office of Resource Development and the Northern Territory Employment and Training Authority. The report focused on defining the provision of petroleum industry training in the Northern Territory. As a result of the report, a labour market study to better define training demand is being arranged by the Northern Territory Department of Employment, Education and Training (DEET). Assistance for the study is being provided by OTD and this department.

The department sponsored local content awards such as:

- the Mining and Petroleum Supply and Export category of the Northern Territory Export Awards in October 2001; and
- the Recognition Awards in Resource Development in Darwin on 21 March 2002.

### **Export Market Development**

Activity to develop and promote Darwin as a regional supply/service hub was undertaken in collaboration with other agencies and areas of the department. The focus was to increase the use of Darwin to support petroleum and mining companies operating in eastern Indonesia.

A 'Regional Petroleum and Mining Support Export Strategy', which sets out the objectives and work programs for engagement in the region, was developed in consultation with industry and is being actively implemented.

The division led large trade delegations to Mining Indonesia in Jakarta in November 2001 and the Indonesian Petroleum Association Conference in February 2002. These delegations targeted explorers, project developers and contractors active in the region.

### **Defence**

A secretariat service and other support is provided to AIDN-NT, an association of approximately 50 members that aims to maximise work for local industry, and encourage the transfer of Defence-related technology and skills. AIDN-NT runs briefings and meetings with the support of the department and is used by the Government and Defence as a review forum on Defence industry issues.

The *Defence Support Update*, a bimonthly newsletter, was prepared and distributed to Northern Territory businesses. This newsletter provided local industry with contemporary information about Defence projects and collated information on Defence contracts won by local business.

During the year, Defence confirmed the Air 87 Program and that two squadrons of Eurocopter Tiger Class helicopters would be based in Darwin from late 2004. The division has commenced work to ensure Northern Territory businesses obtain the best possible return from this development.

The division maintained contact with the three short-listed bidders for the Patrol Boat Upgrade Program.

The division represented the Northern Territory at the Defence Services Asia Conference and Expo in Malaysia in April 2002 and attended (with AIDN-NT) the annual Defence+Industry

Conference in Canberra in June. An officer of the division staffed a Northern Territory help desk at that conference.

A visit to Singapore in November 2001 was designed to maintain links with the US Navy Regional Contracting Centre which is responsible for US Naval Support in the region.

In conjunction with the Commander, Northern Command, the division continued to develop the Industry and Defence (INDDEF) initiative to promote the use of local capability by Defence, particularly in times of increased activity. INDDEF was designed to put in place protocols to identify local industry capability and provide contact points to ensure the use of this capability is maximised.

The division also supported the Northern Territory co-chairman of the Northern Territory Government/Department of Defence Executive Consultative Group which meets annually to review strategic Defence issues relevant to the Northern Territory.

## Industry Development Division

The focus of the Industry Development Division in 2001-02 was on developing industry sector strategies and plans to support growth of the Northern Territory's industry capabilities. This newly-established division brought together officers from the four former departments of Mines and Energy, Primary Industry and Fisheries, Industries and Business and Asian Relations and Trade, to focus on the development of industry sectors. Focal sectors include agrifood, manufacturing, bioprospecting and professional services.

Close liaison with industry representatives continued to identify appropriate programs through which Government could support industry growth in the Northern Territory.

Key activities in 2001-02 included:

- working with a group of business and Government representatives from the Upper Spencer Gulf Region in South Australia to facilitate a visit to Darwin during Northern Territory Expo 2002. The focus was on identifying opportunities for Northern Territory businesses to work with Upper Spencer Gulf Region businesses to capitalise on emerging opportunities; and
- working with local businesses to establish the Northern Territory Food Group in Alice Springs. The group is working to raise the profile and stimulate use of Northern Territory foods in the countries that are key tourism markets for Central Australia. The group includes representatives from the hospitality and tourism sector.

## International Business Division

The International Business Division provided facilitation, information and advisory services to Northern Territory businesses to enhance their participation in international trade. It also promoted the Northern Territory as an attractive location for trade and investment, business infrastructure and a regional distribution hub.

To achieve this, the division:

- facilitated trade growth in existing markets and the opening of new markets for niche Northern Territory products and services;
- promoted the economic capabilities of the Northern Territory to key overseas government and business leaders;
- provided timely advice and information to industry associations and businesses about overseas markets, trade opportunities and initiatives; and

- provided advice and information to the Minister and the Government about trade related matters.

The division supports trade development and investment attraction through a range of strategies, including providing professional advice and support services, implementing and managing targeted trade delegations and implementing export strategies for industry sectors.

### **Professional Information and Advisory Service**

Northern Territory businesses are provided with relevant marketing intelligence and trade statistics, assistance in developing marketing and export plans to target niche international buyers, and assistance to achieve market access and build export readiness.

In 2001–02, the department supported trade development through:

- participating in overseas and local trade expositions;
- providing business-matching services to link local companies with interstate and international companies;
- providing trade and investment presentations and tours of appropriate infrastructure facilities and businesses for visiting international business and government delegations from countries including Indonesia, the Philippines, East Timor, Brunei Darussalam, Korea, Japan, Portugal, South Africa, Israel, the Netherlands, Finland, Eritrea and Croatia;
- providing trade and investment presentations to members of the Australian Staff College South East Asian Study Tour and members of interstate business and government delegations;
- presenting information to industry, (for example, a presentation about trade supply chain management was delivered to the Northern Territory Outlook Conference and an export development and marketing presentation was delivered to the 53rd Annual Citrus Growers Confederation Congress);
- participating in international business forums in Darwin, Katherine and Alice Springs, which targetted emerging and established regional exporters. Keynote speakers were the Northern Territory Government and international representatives from Malaysia, the Philippines, Indonesia and Thailand; and
- supporting the Northern Territory Export Awards during OBM. This is a major opportunity to build the export ethos and encourage participation by new and current exporters to grow their markets overseas.

### **Investment Attracted from Overseas**

The division provided assistance to the following projects:

- a major property development company that is exploring investment opportunities across a range of opportunities in the Northern Territory, will commence its first venture, a residential development in Darwin, in mid-2002; and
- a Filipino aquaculture venture is completing the final stages of its Environmental Impact Statement and is expected to commence in 2003.

### **Trade Delegations**

Trade delegations conducted during this period were as follows:

- Sabah, Brunei Darussalam and Labuan, August 2001. The purpose was to develop a close understanding of the region and the types of businesses so a program involving Northern Territory businesses could be developed. Outcomes included the investigation and identification of market opportunities and increased awareness of the market requirements through meeting with prospective buyers. Four Northern Territory businesses were represented on this mission;

- Pontianak, Indonesia, September 2001. This forum was to exchange information between Northern Territory and Indonesian business people under the Australia Indonesia Development Area (AIDA) agreement. AIDA is an agreement between the Governments of Australia and Indonesia to build the trading and investment environment between the two regions. Presentations were made by three Northern Territory Government officials and three business people about potential trade opportunities and about horticulture and quarantine issues. The forum identified areas of future cooperation between the regions in building trade and business relationships. Technical exchanges occurred in the months following the forum in relation to cattle feedlot management, quarantine management, commercial horticultural activities and grain industry development,
- Kuala Lumpur, Bangkok, Hong Kong, September 2001. The purpose was to facilitate export growth and market familiarisation through attendance at food technology expos, tours of waterfront import handling and cold chain operations, wet markets, and super-market and hyper-market facilities. Six businesses participated in the delegation and were able to gain an understanding of the market and the goods handling processes in the importing country. Specific trade outcomes for seafood, live camels and tropical fruit were secured, and further trade was initiated in mud crabs to Hong Kong and Malaysia and camels to Malaysia and Thailand;
- Manila, Philconstruct, October 2001. The purpose was to facilitate export growth and market familiarisation. The four businesses that attended gained relevant and up-to-date market intelligence about construction opportunities in the Philippines. One of the business delegates secured major export business as a result of the visit and the other delegates have used the visit to focus their export targets in the region;
- a follow-up trade delegation was made to Singapore during the 2001 mango season with Northern Territory producers and three exporters representing the Northern Territory Mango Industry Association. The purpose of this follow-up visit was to refine export strategies for the coming mango season with regard to grading, packaging, delivery and expected volumes. The opportunity to on-sell to Hong Kong and Dubai markets was also pursued with buyers. As a result, the group exported approximately 4000 trays to Singapore over the season and two 20-foot refrigerated containers were shipped to Hong Kong and Guangzhou, China; and
- Singapore Food and Hotel Asia, April 2002. This delegation aimed to promote produce of the Northern Territory, set up business meetings for the 11 delegates with potential buyers and to increase the delegates' familiarity with the market place. Delegates were able to increase trade in seafood and produce. All gained greater market awareness and developed contacts with distribution agents. Visits were made to airfreight logistics and warehousing distribution centres to gain familiarity with the Singapore market structures. Trade outcomes from this delegation were significant, with orders placed immediately for seafood (fin fish and mud crabs), fresh mangos and mango wines.

## Investment Facilitation Division

The Investment Facilitation Division provided facilitation, information and advisory services to businesses wishing to set up new industry or business or develop new products. Examples of the broad range of assistance provided to businesses to attract industry investment in 2001-02 include:

- assistance of \$20 000 to a bio-fuels manufacturing project for a feasibility study to locate a new manufacturing facility at the East Arm Industrial Estate. Confirmation of the commercial viability of the project for Darwin should result in a project with an estimated value of around \$268 million;
- a Darwin business received \$22 630 to establish a new automotive header

manufacturing facility in Darwin. This new industry will capture local and national markets and replace current header imports. Projected employment for the manufacturing facility is six people;

- assistance to the proponents of a proposed marine science research facility to support a successful bid for major National Research Facility funding under the Commonwealth Government's Backing Australia's Ability national innovation research and development funding program;
- sponsorship through airfare assistance of \$5000 to enable five local growers to attend a National Food Exposition in Adelaide;
- assistance to a renewable energy business to gain \$30 million of Commonwealth contracts to introduce solar energy initiatives in Central Australia's regional and remote Indigenous communities; and
- coordination of the delivery of investment ready seminars to businesses in Darwin and Alice Springs. More than 60 Northern Territory companies participated in these forums and workshops, which were contracted out by the division at a cost of \$110 000.

The division facilitated more than 40 visits to the Northern Territory by national and international businesses which were investigating investment opportunities in the Northern Territory. An extension of this assistance also included introductions and business matching with local firms. More than 160 investment information packs were distributed in response to inquiries from interstate and overseas.

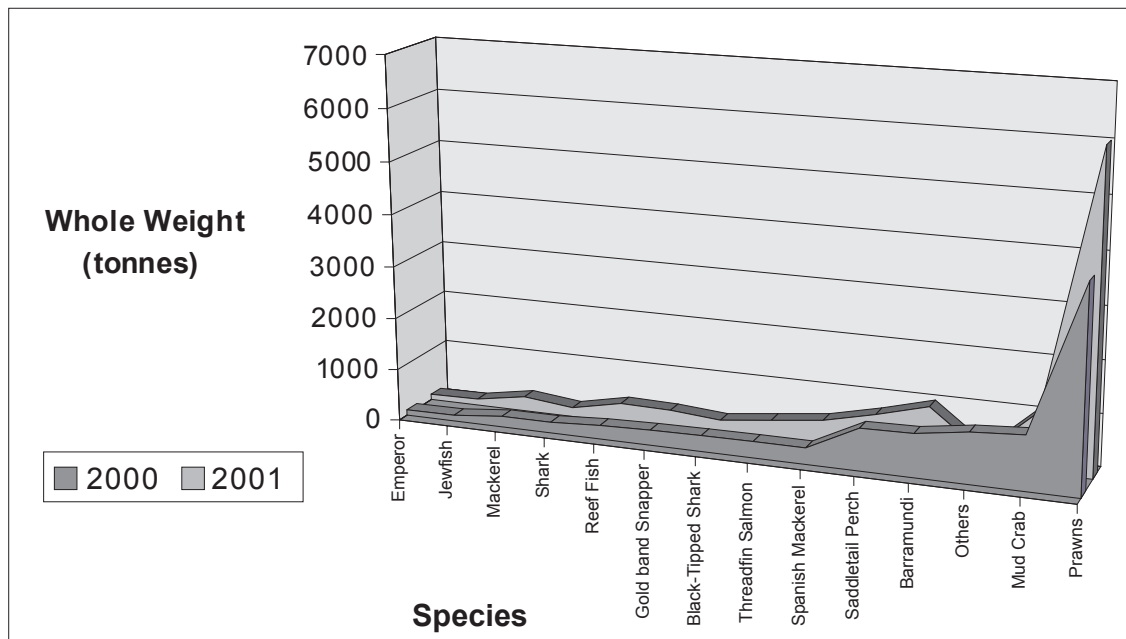
## **Fisheries Group**



The Fisheries Group operating under the *Fisheries Act 1988* and other related Acts managed the Northern Territory's aquatic resources to ensure sustainable development. It also managed the development of aquaculture in the Northern Territory.

In 2001, the estimated Gross Value of Production (GVP) for the Northern Territory commercial fishing industry was \$160 million. Principal sectors included:

- the Commonwealth managed Northern Prawn Fishery with an estimated GVP of \$93 million;
- aquaculture with an estimated GVP of \$35 million; and
- the wild capture sector at \$32 million.



DBIRD Annual  
Statistical Report

Figure 11: Northern Territory Fisheries Wildstock Catch for 2000 - 01

In addition, an estimated \$50 million was spent directly on recreational fishing activities.

Catch and effort continues to increase, especially in the finfish sector. As controls on product quality are implemented across the sector, the Northern Territory industry can expect higher returns for its product.

Commercial fisheries took over 11 500 tonnes of seafood from Northern Territory waters during 2001, a 22% increase over 2000. Of the total, 61% was crustaceans (prawns and mud crab) and the remainder fin fish. The catch for the year for prawns was up significantly (55%). Much of the increase was attributed to the second highest banana prawn catch on record. The mud crab fishery increased tonnage by 10% from 2000 to 2001.

The trend in value for commercial, recreational and aquaculture sectors is up, although individual commodities within sectors are sometimes variable. This positive outlook reflects a strong industry based on good aquatic resource management by all stakeholders.

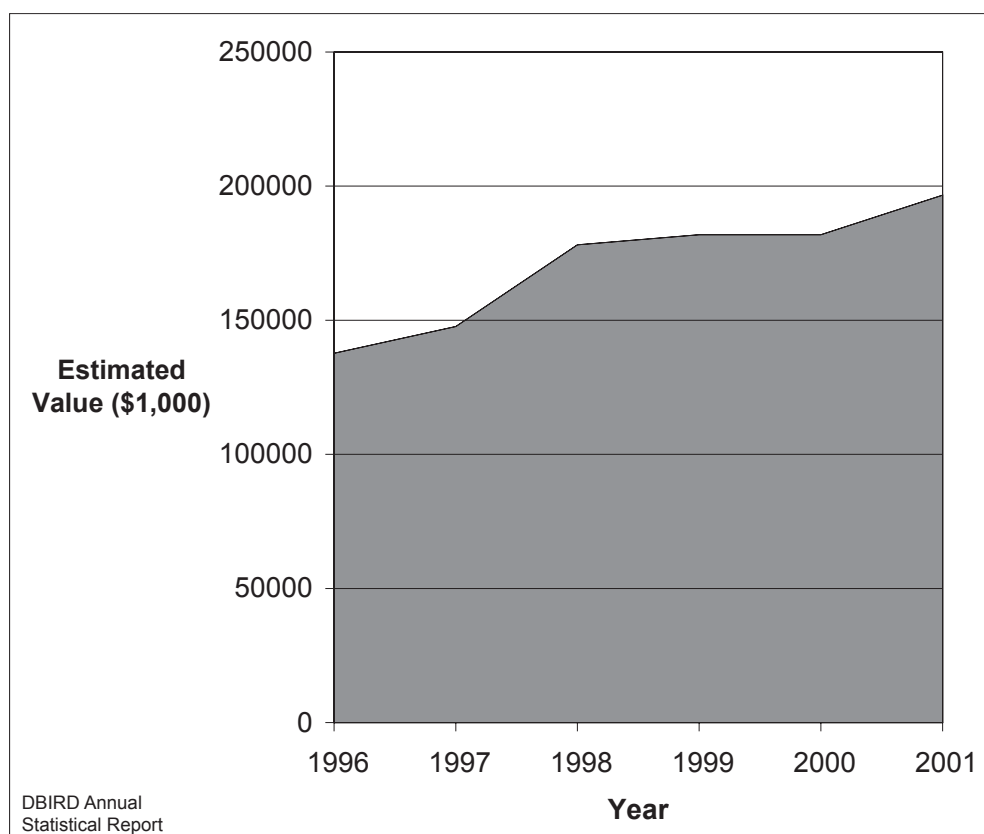


Figure 12: Northern Territory Fisheries value 1996 – 2001

### Fishing Industry Development

In accordance with the *Commonwealth Environment Protection and Biodiversity Conservation Act*, Ecologically Sustainable Development assessment reports for three fisheries (mud crab, Spanish mackerel and Timor Reef ) were completed and submitted to Environment Australia for approval in 2001-02.

A policy for fisheries management and application was developed and implemented. An advisory committee was established to provide recommendations to the Executive Director of Fisheries about developing fisheries applications.

### Aquaculture

The expansion of sea cage culture continued together with prawn aquaculture and commercialisation of mud crab aquaculture. The Aquaculture Branch provided case management extension support to licensed farmers. Each industry sector had a designated case management officer who kept in regular contact with farmers and undertook farm visits as required. Case management officers also facilitated inquiries to other Government agencies.

The Aquatic Health Management program continued to provide diagnostic support to the aquaculture industry and undertook a range of disease monitoring activities. This program also checked the health of stock moving into the Northern Territory under a range of protocols.

Aquaculture planning activities continued during the financial year, completing assessment of the Tiwi Islands potential for aquaculture sites and moving on to work along the Arnhemland/Gulf of Carpentaria coastline. This group continued to play an important role in assisting potential investors to develop new aquaculture businesses in the Northern Territory. Important changes instigated by this group included the provision

of five-year aquaculture licences and the replacement of monthly with six-monthly returns for aquaculture. This unit facilitated development of additional farms in the pearl and prawn sector and expansion of a number of existing farms.

Aquaculture endeavoured to align its activities to the needs of industry, in particular through the forum of the Territory Aquaculture Development Advisory Committee.

### **Hatchery Stock Production**

The commercial wing of Aquaculture continued to supply barramundi fingerlings to its major customer, Marine Harvest (a subsidiary of Nutreco), under its four-year supply agreement. Marine Harvest is developing the seacage barramundi farm at Bathurst Island.

A range of changes have been made to both the infrastructure at the Darwin Aquaculture Centre and the barramundi production system to improve the reliability and quality of fish produced. Important advances were also made in disease management within the hatchery and nursery.

Larvae and fingerlings were also supplied to other local and interstate farmers and stock was put into Manton Dam to support recreational fishing.

### **Financial Support**

Industry groups participate in an extensive advisory committee structure managed by Fisheries Group that enables advice from all fishing sectors to be given to the Minister and the Executive Director of Fisheries.

Funding of \$240 000 was provided to the Northern Territory Seafood Council (NTSC) in 2001-02. This was financed from an industry levy and the Commercial Fishing Licence Fee. This funding supported the employment of an Executive Officer, a project officer and administrative, building and vehicle costs.

Fisheries Group staff with expertise in seafood safety and quality and gear technology were seconded to the NTSC for 2001-02 to develop quality assurance programs to assist the commercial industry to take advantage of market opportunities.

### **Aquatic Resource Research**

During the financial year, Fisheries Research moved to new office/laboratory facilities at Berrimah Farm after 20 years at the Day Street premises.

Projects undertaken during 2001-02 included:

- part of a two-year study funded by the Natural Heritage Trust (NHT) of impacts of saline intrusion control bunds in the Mary River wetlands;
- successful completion of the first full year work on a mud crab population and habitat mapping study funded by the Fisheries Research and Development Corporation (FRDC).
- phase 1 of the Northern Territory-based component of an FRDC-funded pilot study on northern sharks and rays was completed;
- research for, and preparation of, a report which described the history of the Timor Reef fishery, with an emphasis on the change of method from droplines to traps;
- processing and analysis of large volumes of biological material from the Indonesia/Australia snapper study was largely completed. The study was funded by the Australian Centre for International Agricultural Research (ACIAR);
- preliminary trials (partly funded by local industry) of methods to collect tissue remotely from Spanish mackerel culminated in a successful application to FRDC for funds

(\$420 000 over four years) to develop cutting-edge methodology to assess harvest rates using genetic fingerprinting; and

- FRDC funding was approved for a study of post-release mortality of barramundi using radio transmitter tags.

### **Aquaculture Research**

The FRDC-funded project into commercialising mud crab aquaculture hatchery and nursery production continued. With the assistance of a doctorate student, the group developed a better understanding of the bacteriology of mud crab larval production and is meeting the milestones planned for the project. Two papers on mud crab aquaculture were presented at the World Aquaculture Society conference in Beijing.

The high-value fish aquaculture program saw the first larvae of barramundi cod produced during the year. Two papers, one on barramundi cod and one on barramundi, were presented at Larvae 2001 in Ghent, Belgium.

An FRDC-funded project into prawn broodstock fisheries in northern Australia, assisted with the identification of prawn broodstock aggregations in the Northern Territory. Negotiations for access to these prawns was then commenced with the Australian Fisheries Management Authority (AFMA).

Following a trip by three departmental staff to the Gondol Research Institute for Mariculture, under a memorandum of understanding with Indonesia, a range of collaborative projects and capacity building opportunities were developed, for which external funds will be sought. The Gondol Research Institute is the leading Indonesian sea cage aquaculture facility sited on the northern coast of Bali. It is expected that ongoing collaboration with this organisation will improve aquaculture research and development outcomes for the Northern Territory.

### **Enforcement in Australian Fishing Zone**

The number of dedicated fisheries patrols by the Royal Australian Navy (RAN) was significantly reduced in northern waters in 2001-02 but, where possible, officers were embarked. This reduction was because the RAN was concentrating on people smuggling duties.

The office processed 79 foreign fishing vessels which were brought to Darwin following their incursion into northern waters. This included 18 administrative seizures. Thirty-three vessels were destroyed by burning and 22 released after security was deposited. The remaining vessels sunk en route to Darwin while under tow. A total of 478 people were involved, with 122 charged and nine received terms of imprisonment after defaulting on payment.

Officers from the foreign liaison unit with extensive investigative experience in foreign vessel boarding and fishing operations in remote areas, continued to play a major role in the enforcement of Heard Island-McDonald Island Australian Fishing Zone. The AFMA funds the unit and directs its program.

### **Policy, Licensing, Data Management, Information and Education**

Adoption of better data collection techniques during 2001-02 enabled the Fisheries Group to produce more accurate fishery estimates. During the year, the fisheries database, FISHDAT, and its platform were substantially upgraded. Facilities are now available to produce a wider range of reports for use by both the aquatic resource managers and industry.

A data manager was appointed to coordinate a review of fisheries data systems. These actions in concert with projects such as data entry of aquarium fish/display returns from

1997 to 2001 have assisted the group to satisfy statutory and other requirements such as Commonwealth export certification.

The Fisheries Group sponsored several programs that promoted improved environmental use of the Northern Territory's aquatic resources. A major contribution was development of a school education package to assist in delivering this message to children. This package was also used by Fisheries at the Royal Darwin Show where it was well received.

### **Data Management Services**

An Intellectual Property Deed was developed between the Government and Asset Management Services (AMS) for the Infomapper-licensed software used in Fisheries Fishinfo applications. A database server facilities management agreement was negotiated with the Department of Corporate and Information Services (DCIS) to more effectively manage the Fisheries core business systems.

### **Aquatic Resource Management**

Reviews of the management arrangements for the mud crab, Spanish mackerel and aquarium fisheries have been undertaken and released for public comment in 2001-02. Submissions have been considered for all three and drafting of legislation has commenced for the mud crab and Spanish mackerel fisheries.

The Fisheries Group contributed to the development of the Mud Crab Code of Conduct, which outlines agreed objectives for management of the mud crab fishery as well as agreed operational practices for operators.

An industry/Government workshop was held in the Northern Territory with fishermen and scientists to discuss improved identification and reporting in northern shark fisheries. The workshop was declared a huge success by participants.

A Northern Australian Fisheries Management Workshop (NAFMW) was convened in September 2001. The NAFMW is convened annually to consider fisheries management, research and compliance issues in seeking to ensure collaborative and complementary actions in managing fisheries resources throughout northern Australia.

Regional discussions were also held with Indonesian fisheries delegates about sustainable management of northern aquatic resources. A joint snapper research project between Australia and Indonesia resulted from those discussions.

The 2001 Fisheries Status Report provided an update on the status of the Northern Territory's aquatic resources. This year it was expanded to include Indigenous and recreational fishing. The report will be available in late 2002 through the DBIRD website [www.dbird.nt.gov.au](http://www.dbird.nt.gov.au).

### **Indigenous Liaison**

A major Indigenous fishing survey across northern Australia was completed during the year. Indigenous communities will continue to rely on fish as an important part of their diet and culture. Protecting this will involve managing fisheries in a manner that does not reduce the availability of fish to Indigenous communities.

The seven Indigenous community consultative committees that provide Indigenous input into a broad range of marine related issues, continued to provide good feedback to the Fisheries Group. The marine ranger program was initiated with the first ranger being

appointed on the Tiwi Islands. Discussions are well advanced for a second ranger to be appointed in the Gulf Region.

### Recreational Fishing Management

The third World Recreational Fishing Conference, jointly hosted by the Fisheries Group and the Amateur Fishermen's Association of the Northern Territory (AFANT), was held in Darwin in May 2002 and was a resounding success. Delegates from 16 countries participated in the conference and workshops about forming an international code of conduct for recreational fishers and the formation of an international society. The fourth conference will be held in Norway in 2005.

A change in the personal possession limit to include all managed species and the implementation of a possession limit of five golden snapper per person commenced on 1 January 2002.

Signs at all public boat ramps have been amended to reflect these changes. A new recreational fishing controls booklet which details all recreational fishing regulations, was published and distributed.

The National Recreational and Indigenous Fishing Survey has been completed and the data is being analysed and validated. The results are expected to be available late in 2002.

Logistical support was provided to the Barra Nationals and the Barra Classic fishing tournaments as well as the Northern Territory Fly-Fishing Championships. Children's workshops promoting the benefits of recreational fishing and teaching general fishing methods were also held in Katherine and Nhulunbuy.

### Aquatic Marine Pests

A risk mitigation, monitoring and public education program has been in place since the major black-striped mussel infestation in April 1999 because AQIS does not inspect or treat visiting vessels from international destinations for marine pests.

The Fisheries Group provides the service to protect local industry while negotiations continue at the Commonwealth level.

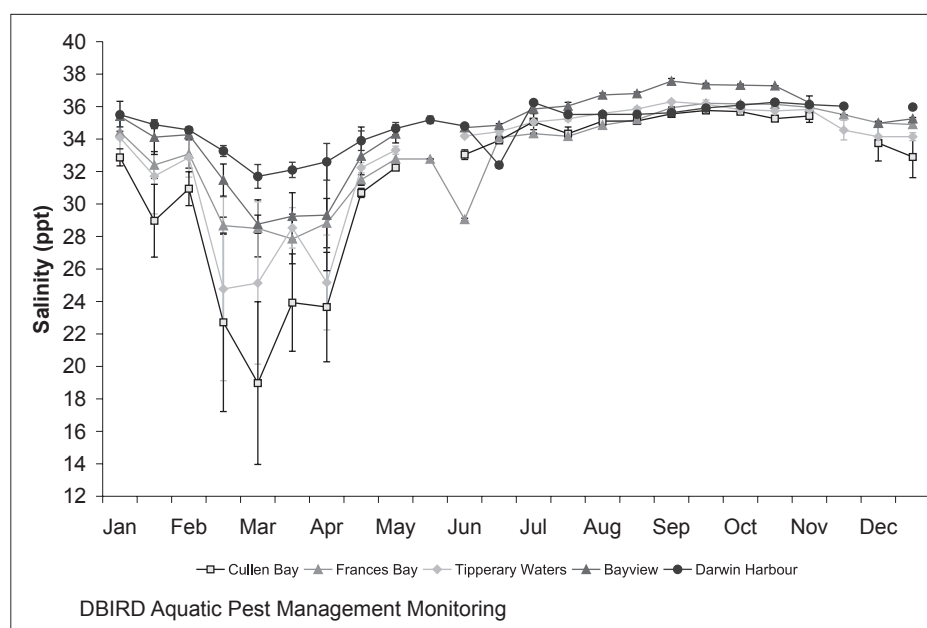


Figure 13: Salinity Fluctuations Recorded for the Calendar Year 2001

Continued monitoring of water quality and biological diversity in the marinas and selected areas of Darwin Harbour and Nhulunbuy has confirmed seasonal trends in water salinity (see Figure 13, above). This has proven to be a significant factor in translocating pest/fouling species. The monitoring has also identified a total of 117 native fouling species.

The Fisheries Group continues to be a national leader in aquatic pest management and is an active member in developing and implementing of a national system to prevent and manage marine pest incursions.

A total of 137 vessels were inspected during 2001-02. Of these, 4% were quarantined for potential marine pests, including the black-striped mussel and Asian green mussel.

The group was also involved in the eradication of three populations of the exotic mosquito fish *Gambusia* from waterways in Alice Springs.

## Minerals and Energy Group

The Minerals and Energy Group is responsible for the grant of tenure and the regulation, support and encouragement of exploration for Northern Territory mineral and energy resources. The group facilitates resource and industrial development which ensures a high standard of occupational health and safety and environmental performance in all phases of the mineral and energy industries. It also manages processes for the timely granting of secure mining and petroleum title over all Northern Territory land and waters and the grant of petroleum tenure in Commonwealth waters adjacent to the Northern Territory.

### Mining Services Division

The Mining Services Division provides essential specialist support for the Northern Territory's mining and energy industries. The division formulates and implements policies and procedures in accordance with statutory requirements. It also encompasses the Community Services Branch, which disseminates information to industry and Indigenous stakeholders and provides educational support to remote area schools about resource awareness, earth science and mining employment opportunities.

### Ministerial Councils

The division facilitates the department's involvement with the Ministerial Council on Mineral and Petroleum Resources and the Ministerial Council on Energy, which are the peak mining and energy Ministerial Councils where key national industry policies are developed.

The major task of the Ministerial Council on Energy has been to manage a major National Energy Market Review on behalf of the Council of Australian Governments (COAG). The Northern Territory made a significant submission to this review which focussed on the security of energy supply that could be achieved by piping Greater Sunrise gas to Darwin.

The division has also actively sought to facilitate the development of mining activities throughout the Northern Territory, including the Browns polymetallic resource near Batchelor, the Wonarah phosphate resource in the Barkly region and the Butto manganese deposit north of Tennant Creek.

### Policy Issues

The division has policy carriage of the Northern Territory's major tenure and development legislation for mining projects, including the interaction of those Acts with the Commonwealth *Native Title Act* and the Commonwealth *Aboriginal Land Rights (Northern Territory) Act*. The complex interaction of this legislation has led to practical issues relating to procedures for grant of tenure, compensation and extensive interaction between the Northern Territory Government and the National Native Title Tribunal.

The division assisted with resolution of issues related to the Alice Springs to Darwin railway line and technical issues concerning the extractive industry, which involved land access in developing areas near Darwin.

### Land Access Services

The Community Services Branch has assisted the Northern Territory Geological Survey (NTGS) to consult Indigenous communities to provide regional access for geological survey studies. These include regional mapping, geochemical sampling, surface geophysical surveys such as seismic and gravity and also major airborne magnetic and radiometric surveys.



### **Indigenous Participation Services**

The Community Services Branch facilitated the work of the Indigenous Mining Enterprise Task Force. The objectives of this group are to increase and improve Indigenous employment and contracting opportunities in the mining industry. The task force met four times in regional communities during the year and, in June 2002, ran a successful Indigenous Business and Employment Expo in Darwin.

### **Community Education and Fossicking Services**

The Community Services Branch initiated an extensive program of visits to Indigenous communities throughout the Northern Territory, and presented educational programs in community schools about the products of mining and petroleum and why mining is necessary.

Discussions in the communities emphasised the capacity of the people to control their involvement with exploration and mining activities on their land.

The branch has been the conduit for the development and implementation of fossicking activities in the Northern Territory. This has involved preparing and distributing advice on fossicking and seeking to ensure that fossickers have prospective localities on which to operate.

### **Energy Division**

The Energy Division facilitates and manages the orderly administration, assessment and development of petroleum resources in the Northern Territory, including the Territory's offshore waters and the Commonwealth waters adjacent to the Northern Territory and to the Territories of Ashmore and Cartier Islands.

The division provides regulatory services for the grant and maintenance of petroleum title, and petroleum and pipeline management in accordance with good occupational health, safety, environmental and resource management practice under the *Northern Territory Petroleum Act*, *Petroleum (Submerged Lands) Act*, the *Energy Pipelines Act* and the Commonwealth *Petroleum (Submerged Lands) Act 1967*.

The division is also responsible for the provision of energy policy advice to Government on the economic use of energy in the Northern Territory and contributes to the development of a whole-of-government strategy approach on Greenhouse issues.

### **Energy Policy**

In 2001-02 the Energy Division contributed to the ongoing development and implementation of appliance, equipment and building energy efficiency projects that are being coordinated by the Energy Efficiency and Greenhouse Working Group of the Ministerial Council on Energy. The division also contributed to a number of other nationally coordinated projects, including distributed generation and an Indigenous Action Plan.

The division also continued its role in fuel emergency planning, chairing, co-ordinating and providing the secretariat for the Fuel Emergency Advisory Committee which includes representatives from industry and Government agencies.

### **Renewable Energy**

Under the Renewable Remote Power Generation Program, \$38.2 million in Commonwealth funding is available to provide cash rebates of up to 50 per cent of the cost of converting diesel-based electricity supplies and water pumping systems to renewable energy technologies.

In 2001-02, 55 projects were approved resulting in committed funding of about \$2.5 million. Of these, 52 were for Indigenous communities and pastoral properties. A client satisfaction survey indicated the renewable energy systems supported under the program were operating satisfactorily. It is estimated that the projects approved during 2001-02 will collectively save about 300 000 litres of diesel fuel and 800 tonnes in greenhouse gas emissions per year.

Under the Photovoltaic Rebate Program, rebates totalling \$28 375 were paid to install solar panels at six households. Two of the rebates were for grid-connected households, which, under the current buy back arrangement, receive credit for solar electricity exported to the Power and Water grid.

Table 6: Renewable Remote Power Generation Program  
Rebates Approved 1 July 2001 – 30 June 2002

Off-grid user type	Number	Renewable capacity of projects approved (kilowatts)	Rebate approved* (\$)	Expected savings per annum	
				Diesel fuel (litres)	Greenhouse (tonnes CO <sub>2</sub> )
Pastoral Stations	21	26.15	353 857	49 700	134
Large Indigenous	1	55	315 000	31 000	83
Small Indigenous	30	63.605	830 470	100 500	270
Tourism	1	225	945 000	127 000	343
Households	2	1.82	20 930	3 300	9
<b>TOTAL</b>	<b>55</b>	<b>371.575</b>	<b>2 465 257</b>	<b>311 500</b>	<b>839</b>

\* Includes GST

Table 7: Renewable Remote Power Generation Program  
Rebates Paid 1 July 2001 – 30 June 2002

Off-grid user type	Number	Renewable capacity of projects paid (kilowatts)	Payment Approved for rebates* (\$)	Expected savings per annum	
				Diesel fuel (litres)	Greenhouse (tonnes CO <sub>2</sub> )
Pastoral Stations	6	23.2	357 052	37 900	102
Large Indigenous	0	0	0	0	0
Small Indigenous	10	38.5	493 322	65 725	177
Tourism	0	0	0	0	0
Households	3	3.4	36 969	5 820	16
<b>TOTAL</b>	<b>19</b>	<b>65.1</b>	<b>886 343</b>	<b>109 445</b>	<b>295</b>

\* Includes GST

### Petroleum Titles

The Petroleum Titles Section has maintained petroleum and pipeline titles during 2001-02. It was also involved in drafting of amendments for the Northern Territory *Petroleum Act* and the *Petroleum (Submerged Lands) Act*. The section also provided advice about the Commonwealth's proposed amendments to the *Petroleum (Submerged Lands) Act 1967* and to the Upstream Petroleum Sub-Committee of the Ministerial Council for Energy.

The section provides a free online spatial and textual data system to provide public access

to current petroleum titles through the Titles Information System. Electronic registers are also maintained in the Petroleum Administration System and spatial data is administered using the Titles Mapping System. Further modifications to these systems will enable the system to provide electronic search certificates in the future.

### Offshore Waters

In 2001-2002, nine areas in the Northern Territory adjacent area and one area in the Territory of Ashmore and Cartier Islands adjacent area (jointly referred to as Northern Territory administered waters) were released under the work program bidding system. Bidding for these areas will close in October 2002 and April 2003 respectively.

One permit was granted in the Northern Territory adjacent area in 2001-02. A further two permits and two retention leases were renewed in Northern Territory administered waters. There were three variations to approved work programs and 15 suspensions and extensions of work program obligations over this period.

All delegations under the *Petroleum (Submerged Lands) Act 1967* were revised and redrafted.

### Onshore

In 2001-02, 12 areas were actively promoted as suggested exploration areas in the onshore Amadeus, Pedirka and Georgina basins. Three new applications for petroleum exploration permits were received during the year. One permit was granted and another renewed, and two permit variations were granted during the year.

During 2001-02, four extensions to existing negotiating periods under the *Aboriginal Land Rights (Northern Territory) Act 1976*, were granted by the Federal Minister for Immigration, Multicultural and Indigenous Affairs.

Currently six permit applications are being processed under the Right to Negotiate process of the *Native Title Act 1993*.

Liaison with all relevant agencies, including Land Councils and other Government departments continued during the year.

Table 8: Total Area under Petroleum Title in Northern Territory and Administered Waters  
(thousands of square km)

	Offshore	Onshore
1997-98	116.52	32.97
1998-99	124.86	16.91
1999-00	143.02	3.44
2000-01	107.51	3.44
2001-02	93.44	19.84

### Petroleum Industry Operations

The Petroleum Industry Operations Branch is responsible for regulation of industry operations under the Northern Territory and Commonwealth *Petroleum (Submerged Lands) Acts*, the Northern Territory *Petroleum Act* and the Northern Territory *Energy Pipelines Act*. During the year, three offshore lost time injuries (LTIs) were reported. No LTIs were reported

onshore. There were no deaths or significant plant damage. No significant environmental impacts were recorded during the period. Seven reportable incidents were investigated, scrutinised on desktop and followed up in audits.

Audits of the operators' safety and environmental management systems were conducted on the Ocean General, Sedco 703 and the Sedco 702 mobile offshore drilling units, the Northern Endeavour and Challis Venture Floating Offshore Production and Storage facilities, air diving equipment and a number of pipeline operations.

Sixteen offshore wells were approved and associated safety case bridging documents were assessed. All activity was monitored for compliance.

The branch continued its activities regarding the producing Jabiru and Challis-Cassini oil fields, and the Laminaria-Corallina oil field. Laminaria phase two drilling was successfully completed and has resulted in an increase of 60 000 barrels of oil per day from the Laminaria-Corallina field. Remedial work of the Corallina 3 well was successfully undertaken to repair a non-functioning sub-surface safety valve.

The department has been actively participating in committees reporting on the proposals for a Commonwealth national offshore safety authority and in the harmonisation of combined regulations under the Commonwealth *Petroleum (Submerged Lands) Act 1967*. A decision about the future administration of offshore petroleum safety regulation in offshore waters is expected in September 2002.

In 2001, complementary pipeline regulations came into force under the Commonwealth *Petroleum (Submerged Lands) Act 1967* and the Northern Territory *Energy Pipelines Act*.

The progress of the Bayu-Undan gas pipeline continued in 2001-02. Two pipeline licences, out of the four required, were issued. The remainder of the licences in respect of the Northern Territory coastal waters and Northern Territory onshore are expected to be granted soon.

Table 9: Accident Statistics

	98 - 99	99 - 00	00 - 01	01 - 02
<b>OFFSHORE</b>				
Average monthly employment	290	391	426	432
Number of lost time injuries	7	7	1	3
Lost time injury frequency rate*	6.7	7.6	<1.0	3.0
Total work days lost	199	130	7	88
Hours worked (million)	1.05	0.92	1.12	1.01
<b>ONSHORE</b>				
Average monthly employment	141	90	79	72
Number of lost time injuries	1	0	0	0
Lost time injury frequency rate*	4.1	0	0	0
Total work days lost	31	0	0	0
Hours worked (millions)	0.244	0.216	0.233	0.211
*Lost time injury frequency rate = Number of lost time accidents per million man hours worked.				

Table 10: 2D Seismic Data Acquired  
(Thousands of km)

Year	Onshore	Offshore
97 - 98	0.26	21.87
98 - 99	0.1	33.60
99 - 00	0	4.45
00 - 01	0	0.54
01 - 02	0	5.83

Table 11: 3D Seismic Data Acquired  
(Thousands of square km)

Year	Offshore
97 - 98	2.9
98 - 99	12.7
99 - 00	0.0
00 - 01	3.5
01 - 02	0.2

Table 12: Wells Drilled

Year	Offshore			Onshore		
	Exploration	Development	Total	Exploration	Development	Total
97 - 98	6	5	11	0	4	4
98 - 99	8	3	11	1	3	4
99 - 00	6	3	9	0	1	1
00 - 01	8	0	8	0	0	0
01 - 02	12	4	16	0	0	0

## Resource Management

The Resource Management Section provides expert advice on petroleum resources and reserves in the Northern Territory administered acreage and maintains production data for the various oil and gas fields in the jurisdiction.

Table 13: Oil and Gas Production in 2001-02

	2000 - 01 MMm <sup>3</sup> *	2001 - 02 MMm <sup>3</sup> *	Changes %	Producing Fields
Offshore Oil	8.18	5.82	- 29%	Laminaria-Corallina, Jabiru Challis-Cassini
Onshore Oil	0.078	0.074	-5%	Mereenie
Onshore Gas	503	499	<1%	Mereenie + Palm Valley

MMm<sup>3</sup>=Million Cubic Metres

The decline in offshore oil production was due to increasing water production and due to the delayed start of the Phase II Laminaria development project wells.

The two new Phase II Laminaria development wells (Lam-7 and Lam-8) were put into production in June 2002 at rate of 9500m<sup>3</sup>/day. Current oil production from Laminaria-Corallina is 20 200m<sup>3</sup>/day. This is about 20% of Australia's total oil production.

The division assessed Woodside's application to renew the Retention Lease over the Sunrise-Troubadour gas fields (NT/RL2) and drafted a joint technical report that was accepted by the Commonwealth. The lease was renewed in January 2002.

The division also assessed Newfield's application to renew the Retention Lease over the Montara oil and gas field (AC/RL3) and drafted a joint technical report that was accepted by the Commonwealth. The lease was renewed in February 2002.

Shell's application to renew the Petroleum Exploration Permit over the Evans Shoal gas field (NT/P48) was assessed by the division, and a work program was proposed and accepted by the Commonwealth. The Permit was renewed in June 2002.

## **Northern Territory Geological Survey**

The Northern Territory Geological Survey (NTGS) Division collects, interprets, synthesises and disseminates geoscientific data to attract, and render more effective, mineral and onshore petroleum exploration. The division also provides geoscientific advice to government in respect of land use and mineral resource matters.

In 2001-02, the division completed the third year of the Northern Territory Exploration Initiative (NTEI), which is a major Government program to boost mining exploration in the Northern Territory. Many of the geological regions of the Northern Territory remain highly prospective for minerals, yet are under-explored by national standards.

The background information provided by the NTGS includes technical data that may assist explorers to locate concealed ore bodies. This includes information about:

- subtle geochemical pathfinders that are highly diluted by desert sands;
- geophysical features that require specialist analysis; and
- geological modelling in terrains that are covered by barren sedimentary rocks.

NTGS continues to provide geological advice to the department in regard to land-use issues, work programs, technical performance and policy matters on mineral and petroleum exploration titles. It closely monitors developments in mineral exploration up to the point of resource definition, and regularly reports on progress through the NTGS pages of the website.

### **Regional Geoscientific Studies**

The major regional thrust continues to document the Tennant-Tanami Link – the geological connectivity between two major goldfields. Regional documentary work on the Tennant Creek and Tanami Goldfields is complete, and interpreted geology maps at various scales of 1:500 000, 1:250 000 and 1:100 000 have been released. Now that regional controls of mineralisation are better understood, regional work at Tanami will now focus on compilation of a synthesis report and the construction of a three-dimensional (depth) structural interpretation using modelled geophysical constraints.

Fieldwork was completed on seven 1:250 000 sheets in the Arunta Geological Province and compilation of interpreted geology maps and reports is proceeding. This work has identified common Tennant-Tanami rock sequences in the northern Arunta and exotic terrains with Broken Hill affinities in the southern Arunta.

Geological maps and explanatory notes on five 1:250 000 sheets in the southern Georgina Basin and Victoria Basin were compiled and are in the publication process.

Geological mapping was completed on two 1:250 000 sheets in the eastern McArthur Basin, and a new 1:500 000 synthesis geological map of the entire basin was released.

Revised editions of the Territory-wide 1:2 500 000 scale geological map and magnetic synthesis map were released.

## **Mineral Deposit Studies**

Prime focus has been given to specialist textural, mineralogical, geochemical, fluid-inclusion and isotopic studies of the Tanami gold mineralising system, in conjunction with Geoscience Australia (formerly AGSO) under the National Geoscience Agreement. This work has been outstandingly successful in producing a new predictive geological model for gold mineralisation in the Tanami Region and the Arunta Province. It shows that the hydrothermal mineralising system that operated in the Tanami is significantly younger than the orogenic events that shaped the region, and must have also effected extensive terrains in the seemingly barren northern Arunta Province.

In the Rum Jungle Mineral Field area, a joint NTGS/University of Leoben (Austria) project completed its second year. All mineralogical and geochemical work is complete, and an interim report and a new interpreted geology map was released.

An extension of the new Rum Jungle mineralisation models will be applied to other poorly-understood mineralised areas in the eastern Pine Creek Orogen and western Arnhem Land areas.

Comprehensive reports about the Bauxite, Iron ore and Manganese deposits of the Northern Territory, and extractive minerals of the outer Darwin area have been published. These reports give information on the geological setting, origin, resource status, operational history, and prospectivity of these bulk commodities.

As a consequence of increased demand for tantalum, a comprehensive study of all tantalum-tin occurrences in the Northern Territory was undertaken, and will be reported in late 2002.

A regional study of fluid systems in the southern Georgina Basin has commenced following completion of regional mapping. This will address the relationships between petroleum and base-metal fluid systems. New geochemical, isotopic and fluid inclusion studies are being undertaken on known petroleum and base-metal occurrences. Genetic models will synthesise data on low-temperature hydrothermal fluids and basin architecture. A report on basin architecture has been released.

## **Petroleum Systems of Sedimentary Basins**

All exploration data on the Pedirka Basin was reviewed and reinterpreted in 2001-02. Additional organo-geochemical analytical work was completed, which enabled upgraded prospectivity assessments. New data was promoted at meetings of the peak industry bodies of the American Association of Petroleum Geologists (AAPG) and Australian Petroleum Production and Exploration Association (APPEA), resulting in new exploration permits being taken up over the Pedirka Basin.

Specialised analytical work continued on the Georgina and Amadeus Basins source-reservoir systems. This involved analysis of gas-oil inclusions in rock grains, molecular geochemistry, and fission-track thermal modelling. Promotion of the hydrocarbon potential of these basins has resulted in new Exploration Permit applications.

The NTGS and the Energy Division reviewed future requirements for offshore geoscientific work. It was concluded that, whilst Commonwealth agencies had prime responsibility for offshore geoscience and promotion, the Northern Territory, as the Designated Authority, needed to have a greater understanding of offshore geology in order to participate in informed decision-making. Consequently, NTGS commenced reviewing some offshore data, and has committed to staging a Geoscience Symposium on the Timor Sea in 2003.

### **Geochemical Datasets**

The ambitious program of spatial capture of exploration geochemistry from company exploration reports is well advanced for the whole of the Arunta Province. Open file drill-hole, stream-sediment, rock-chip and soil-sample data are presented as MapInfo and Explorer 3 datasets. A data package for the western Arunta was released, and packages for the central and eastern Arunta are nearly complete. These will represent the finest geochemical datasets in Australia, and will be a direct stimulus to mineral exploration.

### **Geophysical Surveys**

High-resolution geophysical surveys remain the core of the exploration initiative program. Major airborne surveys over the Eromanga Basin, Sturt Plateau, Barkly Tablelands and Victoria River District, totalling 320 000 line kilometres, were flown under contract in 2001-02. A further 255 000 line kilometres of airborne data was acquired (for open file) from the private sector. This brings the total holding to 50 semi-regional surveys, covering 85% of the Northern Territory. Contracts for another 260 000 line kilometres have been let for 2002.

Distribution of geophysical images via the website – a world first for NTGS – proved popular with explorers and set the national standard for the distribution of pre-competitive data. The Image Web Server provides client access to a large number of geophysical images via a standard web browser. Each image is fully located and can be displayed in desktop mapping packages anywhere in the world. In another first, NTGS now uses this facility to post preliminary imagery from surveys as they are being flown.

In collaboration with Geoscience Australia, 50 000 square kilometres of helicopter-supported gravity measurements was surveyed over the Tennant Creek goldfield. This is part of an ongoing program to undertake gravity infill surveys over known and prospective mineral fields.

### **Industry Reports Management System**

The Northern Territory *Mining Act* and *Petroleum Act* require explorers to submit technical reports detailing exploration work carried out on tenements. Reports are progressively open-filed as regulatory conditions are met.

Mineral exploration reports are entered into the Industry Reports Management System (IRMS) and electronically scanned for digital delivery to industry. IRMS provides a search mechanism that records a summary profile of all statutory reports on exploration licenses and petroleum permits. IRMS currently holds 14 645 mineral exploration reports and 2803 records relating to onshore and offshore petroleum exploration.

In 2001-02, a further 1723 mineral exploration and 52 petroleum datasets were open filed. The summary indexes of more than 11 862 mineral exploration and 1650 petroleum open-file reports and records are now accessible on the website, as well as on CD-ROM. In 2001-02, 427 mineral exploration open file reports were scanned. A further 3347 reports, 75% of which are pre-1983, remain to be scanned.

### **Drill Core Library**

Section 37 of the *Mining Act* requires that tenement holders who undertake drilling to offer to NTGS drill cores for storage. This collection then becomes available for inspection and re-sampling by subsequent explorers. NTGS maintains a database of all material held in the Drill Core Libraries in Darwin and Alice Springs.

In 2001-02, a further 70 drillholes, totalling 2010 trays, were received. This brings the total holdings (not including water bores) at Darwin to 5800 holes in 26 294 trays and, at Alice Springs, 1266 holes in 42 751 trays. The two drill core libraries attracted 99 visitors in 2001-02.



## Geoscientific Publications

Publications in 2001-02 included three major printed reports, six published records, three digital information packages and 26 geological maps of various scales and themes. A highlight of the year was an international cartography award for one of our standard series geological maps. Details of publications are given in Appendix 5 and listed on the department's website at [www.dbird.nt.gov.au/ntgs/](http://www.dbird.nt.gov.au/ntgs/).

## Titles Division

The Titles Division is responsible for the valid grant and maintenance of mineral exploration and mining tenure and maintains a database which is accessible to a wide range of clients.

Table 14: Tenure Applications Processed and Determined in 2001-02

Title Type	Received		Determined			Cessation							Outstanding Applications as at 30 June 2002	
	Application	Renewal	Granted	Renewed	ALRA Consent	Refusal	Withdrawn	Surrendered	Cancelled Forfeited	Expired	Lapsed	Terminated	Application	Renewals
EL	263	22	228	28	108	15	182	45	4	23	13	2	1097	7
ERL	6	1	2	0	0	2	4	0	0	0	0	0	32	1
MC	24	102	0	162	0	17	30	18	8	83	0	0	372	39
ML	8	73	1	73	0	0	3	0	3	14	0	0	869	144
EML	8	2	4	0	0	2	1	0	1	0	0	0	27	10
EMP*	61	22	72	51	0	20	11	7	0	33	1	0	98	11

\*Includes Authorisations for Extractives

Title Management System DBIRD

Note: There have been a significant number of withdrawals of exploration licence applications this year (182) which is mainly due to a rationalisation of holdings by major exploration companies as a result of industry consolidation through takeovers or mergers.

Table 15: Exploration Licences Affected by the *Aboriginal Land Rights (Northern Territory) Act*

Outstanding applications affected by ALRA	
Pending consent from Northern Territory Minister	90
Proposals not yet lodged	76
Under consideration by Land Councils	288
Proposals refused by Land Councils (veto)	133
Pending Grant (approval by Federal Minister)	14
Consent to grant deemed under ALR (Northern Territory) Act	41
<b>Total</b>	<b>642</b>
Currently granted	
Anindilyakwa Land Council	2
Central Land Council	160
Northern Land Council	37
Tiwi Land Council	0
<b>Total</b>	<b>199</b>

Title Management System DBIRD

## Native Title Applications

It should be noted that managing the Commonwealth *Native Title Act* procedures continues to be a significant challenge for the division because of the technical difficulties associated with this complex piece of legislation. However, significant progress is being made with 645 titles advertised up to the end of the year, effectively removing the backlog. Additionally, 228 exploration licences were granted during the year, which is almost double the number granted during the previous year.

Table 16: Applications Affected by the *Native Title Act*

Title Type	No of Applications not yet Advertised			No of Applications Advertised through 'Right to Negotiate'
	NLC	CLC	Total	
Exploration Licence	101	69	170	566
Exploration Retention Licence	6	9	15	0
Mineral Claim	158	43	201	61
Mineral Lease	14	16	30	0
Extractive Mineral Lease	2	0	2	18
Authority to Explore	15	7	22	0
<b>Total</b>	<b>296</b>	<b>144</b>	<b>440</b>	<b>645</b>

Titles Management System DBIRD

Table 17: Applications Processed Through the Expedited Procedure

Total No of Applications Advertised	Period to Lodge an Objection	Objection Not Lodged			Objection Lodged		
		NLC	CLC	Total	NLC	CLC	Total
413	Closed	38	193	231	167	15	182
150	Not yet closed						
563							

Titles Management System DBIRD

Table 18: Objection Outcomes – Expedited Procedure

Objections Determined			Objections Withdrawn	Objections Dismissed
Total Determined	Expedited Procedure APPLIES	Expedited Procedure Does NOT Apply		
29	27	2	8	41

Titles Management System DBIRD

Table 19: Applications Processed Through the Normal Right to Negotiate Stream

Total No of Applications Advertised	Period to Lodge a Native Title Claim	Applications Cleared For Grant			Applications Subject to Native Title Claims		
		NLC	CLC	Total	NLC	CLC	Total
56	Closed	2	26	28	9	19	28
26	Not yet closed						
<b>Total: 82</b>							

Titles Management System DBIRD

Table 20: Exploration and Mining Tenure Applications and Granted Tenure over the last Five Years

TITLE	97 - 98		98 - 99		99 - 00		00 - 01		01 - 02	
	Granted Titles	Applications	Granted Titles	Applications	Granted Titles	Applications	Granted Titles	Applications	Granted Titles	Applications
EL	456	219	333	272	285	341	337	327	487	263
ERL	28	4	26	1	25	2	24	0	25	6
MC	1600	53	1341	18	1232	9	1040	23	931	24
ML	1081	17	1024	6	1018	4	979	4	968	8
EML	37	3	37	4	37	1	37	21	44	8
EMP	187	60	150	29	100	98	130	94	184	61

Titles Management System DBIRD

### Tenure Database

The division's Titles Management System contains three major components:

- the Titles Administration System, for data entry;
- the Titles Mapping System, which combines both spatial and textual data; and
- the Titles Information System, for internet access by internal and external clients.

The first two systems maintain an electronic register of all tenure, as required under the *Mining Act*, and are otherwise primarily used for the internal management of the division's business.

The Titles Information System Website provides public access to spatial and textual data on two levels. It provides general access to basic spatial data, whilst registered users are able to access a significantly greater level of data including the underlying land status. There are more than 600 registered users of the system and user feedback continues to be positive.

### Mines Division

To ensure the appropriate development of the Northern Territory's mineral resources the Mines Division is responsible for the administration and regulation of all exploration and mining operations under best practice occupational health and safety and environment protection standards.

The division oversees administration of the *Mining Management Act*, which regulates all mining activities, including exploration, on mining tenure. In 2001-02, the division focused on improving the mining industry's understanding of the new legislation and on assisting mineral operations to improve environmental and occupational health and safety performance.

### **Legislation**

Up until 31 December 2001, mining activities were regulated through a combination of the *Mine Management Act*, the *Uranium Mining (Environment Control) Act* and requirements of the *Mining Act*. On 1 January 2002, the *Mining Management Act* came into force and the *Mine Management Act*, the *Uranium Mining (Environment Control) Act* and some provisions of the *Mining Act* were repealed.

The new Act sets the principles and objectives for operators to meet safety, health and environmental performance requirements, but keeps prescription of activities to a minimum. This allows industry greater flexibility in determining how matters should be managed, while also requiring industry to take greater responsibility and accountability for its conduct.

The new Act has been generally well received by both the industry and the public. All mining activities, including exploration, are required to obtain an authorisation to operate and must operate in accordance with an accepted Mining Management Plan. Processes, procedures and requirements of the Act are being developed progressively into guidelines and advisory notes, which are being made available free of charge. As the guidelines and advisory notes are approved, they are progressively added to the departmental website.

### **Industry Support**

Assistance and advice was provided to the mineral industry through:

- regular site inspections and direct discussions with management, employees and contractors;
- participation in the NTMC's committees, seminars and meetings;
- formal presentations at the Industry Safety Conference, other conferences and at mine sites;
- involvement with the Northern Territory Mine Rescue Competition;
- assessing operator investigations to ensure an adequate level of investigation into root causes and remedial actions;
- reviewing operator monitoring data and checking monitoring to ensure standards were maintained;
- directly investigating a number of significant incidents and ensuring recommendations were implemented;
- assessing management systems and plans and providing feedback; and
- providing feedback from audits on system shortfalls.

In 2001-02, the Information and Legislation Branch handled an average of nine requests a week for information about the minerals industry, with 94% of requests receiving a same day reply. The client base comprised of industry 59%, Government 16%, general public 21% and students 4%. Requests for information were grouped into details on industry operations 28%, contacts for mineral operations 18%, production and commodity 9%, legislation and policy 9%, safety and employment 3%, and general 31%.

### **Assessments**

Mining Officers completed more than 130 reviews and assessments on a range of documents including Mining Management Plans, monitoring summaries, technical reports, annual reports and specific submissions from operators. Most of this was fed back to the operators as recommended changes to their systems/plans or for further investigation. More

than 50 meetings were attended in relation to applications for authorisation or discharge. The division prepared assessment reports for all mining development proposals to ensure appropriate level of assessment pursuant to the *Environmental Assessment Act*. Mining Management Plans were reviewed to ensure management systems and closure planning was appropriate for new or significant changes in existing operations. Fifteen "Notices of Intent" were assessed for new mining proposals. An EIS by Mt Grace Resources NL was assessed for the Batchelor Magnesium Project. Compass Resources NL was also required to prepare an EIS for the Brown's Polymetallic Project.

During 2001-02 reporting period, 107 approvals and authorisations were issued for mining activities on 268 mining and exploration titles.

### Incidents and Accidents

A total of 553 incidents were reported to the division for the year, including 439 injuries and 55 environmental incidents. Some 187 of these were notified as serious accidents (both safety and environmental) or critical incidents (with the potential for serious injury or impact). Mining Officers investigated 25 incidents in detail and 100 others were subjected to further inquiries or follow-ups. The increase in reporting (351 total last year) is seen as a positive sign and due to an improved attitude towards safety, health and environment management and a willingness to follow up less serious or near miss incidents. There were a total of 53 Lost Time Injuries (LTI) reported for 2001-02, compared to 65 for last year.

Table 21: Northern Territory Mining Accident and Injury Summary 1997-98 to 2001-02

<b>Five Year Employment and Safety Summary</b>					
	<b>1997-98</b>	<b>1998-99</b>	<b>1999-00</b>	<b>2000-01</b>	<b>2001-02</b>
Average Number of Mine Workers	4 257	4 105	3 671	3 535	3 569
Work Hours Exposure	10 144 297	9 694 963	9 130 354	7 891 003	8 113 422
Number of Lost Time Injuries	83	67	79	65	53
Number of Days Lost due to Injuries	1223	626	957	1173	816
Lost Time Injury Frequency Rate	8.2	6.9	8.7	8.2	6.5
Incidence Rate	1.9	1.6	2.2	1.8	1.5
Duration Rate	14.7	10.3	12.1	18.0	15.4
Severity Rate	120.6	64.6	104.8	148.7	100.6

Note: Any variations with previously published figures can be attributed to receipt of superior data.

### Statistical Summary

There was an encouraging decrease in the major incident indicators in 2001-02:

- there were 53 LTIs for a workforce of 3569, which is 18% less than the previous year's 65 injuries;
- the overall LT Frequent Rate was 6.5, a 21% improvement on the 2000-01 rate of 8.2;
- the average work days lost per injury was 15.4, which was a 14% improvement on the 2000-01 rate of 18.0; and
- the severity rate reduced to 100.6, down from 148.7, a 32% improvement on the 2000-01 rate.

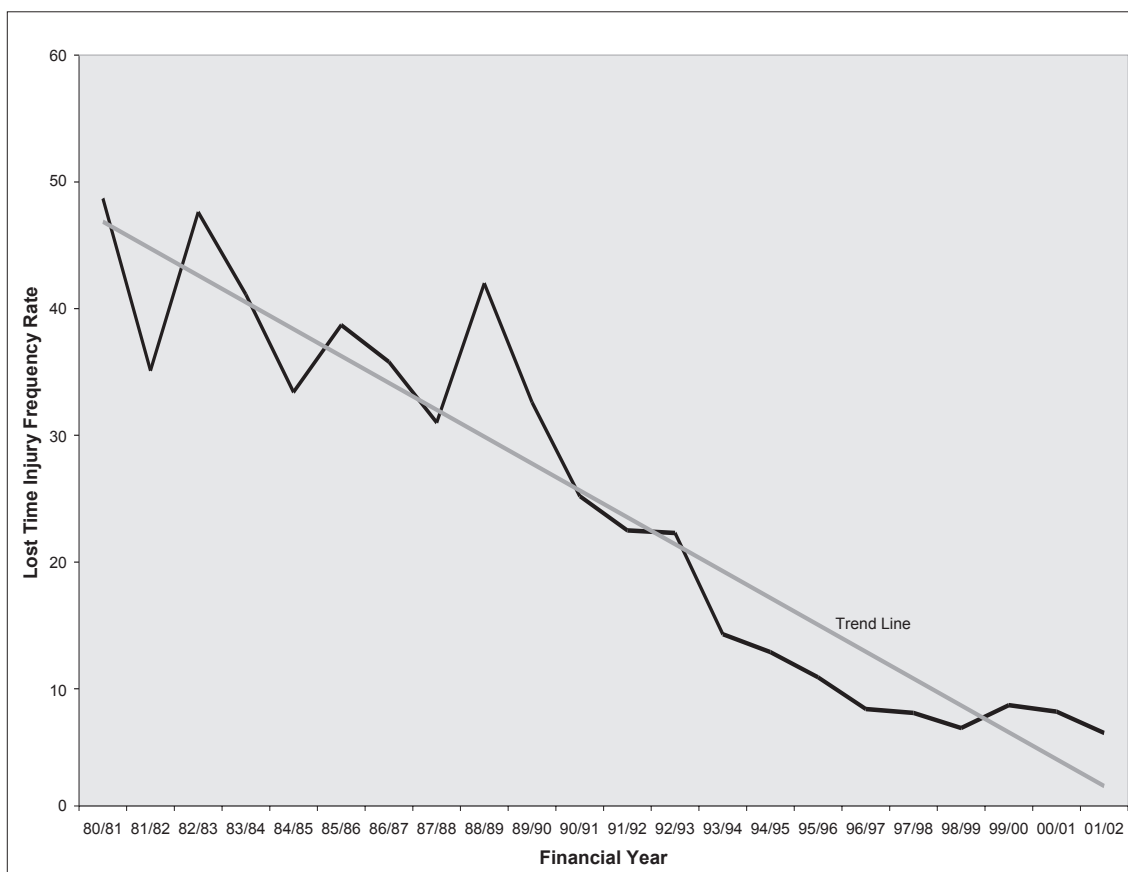


Figure 14: Lost Time Injury Frequency Rate

Details of contributing factors and remedial actions for most of the notified incidents were discussed with safety representatives in the industry. The results of investigations were generally in agreement with those of the mine involved but some additional issues were raised. Generally, the implementation of changes or improvements to operators' procedures or equipment demonstrated ongoing improvement, although a number of the small extractive operations require further follow up. Advice and support was also given to a number of individuals on how to improve their investigation procedures. None of the investigations resulted in prosecution action being recommended.

### Audits

Mines Division officers undertook a range of formal mine audits including 25 environmental, 25 occupational health and safety, 29 compliance, five geotechnical and six decommissioning.

A comprehensive review and inspection of extractive industry sites throughout the Northern Territory was conducted, which encompassed the activities of 73 operators on 226 tenements.

More than 120 sets of monitoring data submitted by mining companies were reviewed. Monitoring trips were made to 19 different mine sites, resulting in 947 site samples being analysed for a variety of parameters.

Investigations were undertaken into 48 complaints. As a result of the investigations, a number of remedial measures were instigated and a number of operators advised on how to improve procedures or monitoring. A number of complaints, particularly regarding

safety, could not be substantiated with a few being interwoven with industrial issues. No prosecution action was recommended.

### **Rehabilitation**

Departmental officers have been monitoring progressive and final rehabilitation of mining operations throughout the Northern Territory. Apart from routine site inspections, this has involved undertaking six decommissioning audits and clearance audits for title relinquishment of 91 tenements involving 52 operators.

A range of data was collected during 36 days of surveying abandoned mine sites in the Pine Creek region. This program is being undertaken as part of a long-term program to develop a comprehensive database on the status of abandoned mine sites in the Northern Territory.

## Primary Industry Group

The Primary Industry Group provides regulatory and advisory services to the broad range of primary industries throughout the Northern Territory. The group delivers a broad range of services and programs to the Northern Territory primary industries through its industry sector divisions of Horticulture, Pastoral and Agriculture and the service divisions of Resource Protection and Primary Industry Services. These services include:

- research, development and extension services to the primary industry sectors;
- Northern Territory interstate quarantine services;
- veterinary laboratory services for the pastoral and aquaculture industries and testing services to private veterinary practices on a fee-for service basis;
- water analytical services for Power and Water Authority and DIPE for the analysis of drinking water, wastewater, sewerage and trade waste;
- the delivery of the Northern Territory AQIS Program on behalf of the Commonwealth; and
- financial assistance to industry and industry associations before the former department was merged into DBIRD (see Appendix 4).

### Primary Industry Services Division

The Primary Industry Services Division coordinates the development and provision of high-level policy advice about Northern Territory and national issues in primary industries and natural resource management. Divisional officers provide technical publication, data management and biometrical services across the Primary Industry and Fisheries Groups.

High-level policy advice was provided to several Northern Territory and national processes (including Northern Territory drought, exceptional circumstances and gene technology).

#### Biometric Services

Biometric (statistical) services are provided to professional and technical officers to help to design and implement research and development projects and to analyse data.

Two biometricians commenced with the department during 2001-02. One of the biometricians is shared on a 50/50 basis with the Faculty of Science, Information, Technology and Education at the NTU. This arrangement has strengthened links between this agency and the NTU.

#### Publication Services

The Technical Publications Unit provided the following publications to clients during the year:

Table 22: 2001-02 Publications

Agnotes	31 474
Technotes	434
Technical Bulletins	372
Fishery Reports	1656
Fishnotes	7132
Incidental Publications	372
Incidental Pamphlets	531
Posters/Videos/CDs	156



The unit also updated 32 Agnotes during the period.

New releases included:

- fourteen Agnotes;
- four Fishnotes;
- three Technotes;
- twelve Technical Publications; and
- twelve Fish reports.

The department contributed 285 fact sheets to Primenotes. This is a CD containing more than 5000 separate notes and fact sheets from all over Australia.

### **Primary Industry Awards**

Three awards to staff are made annually. These are:

- the Minister's Award for Contribution to the Development of Primary Industries and Fisheries in the Northern Territory. This highlights outcomes with benefits to industry, fosters sound project management and encourages the publishing of work and its value to industry. Award winners in 2001-02 were Rik Buckworth, Charles Bryce and Damian White for the project *'The Stock Structure of Northern and Western Australian Spanish Mackerel'*;
- the CEO's Award for outstanding individual or team performance in the pursuit of excellence in achieving departmental objectives was awarded to Megan Connelly from the Horticulture Division; and
- the BARC Seminar Award encourages information sharing and personal development for professionals and was awarded to Glenn Bellis for his presentation *'The Birds and the Bees'*.

### **Resource Protection Division**

The Resource Protection Division plays a key role in ensuring that production and market access of livestock, plants and plant production are not restricted by pests, diseases and chemical residues.

### **Water Chemistry Services**

The Water Chemistry laboratory provided a quality analytical service for the analysis of drinking water, wastewater, sewerage and trade waste. The analyses are used by major clients such as Power and Water, DIPE and consultants to assist with the provision of healthy drinking water to Northern Territory residents and protection of waterways and the environment.

To enhance the quality of these services, the Water Chemistry Laboratory is seeking accreditation from the National Association of Testing Authorities for its analytical services. The number of samples submitted for 2001-02 was 3455, comprising:

- 1553 samples to general chemistry;
- 746 to wastewater and trade waste samples; and
- 1156 environmental samples.

A total of 25 523 analyses were performed on these samples.

### **Analytical Services**

Analytical Services provides focussed analytical chemistry services and accurate pest and

disease diagnoses and advice attuned to meet the needs of primary industry, government agencies and the private sector.

### **Plant Soil and Pesticide Analysis**

The Agricultural Chemistry Laboratory analysed 4117 samples in 2001-02.

#### **Soil Section**

The Soils Section provided analyses for a number of department projects and surveys including the horticulture mango flowering project, durian research, grapevines at the Arid Zone Research Institute and Katherine Research Station cotton surveys. The pesticide residue testing program for mangoes was carried out as in previous years with testing covering an increased range of chemicals. The section also coordinated a similar testing program for tropical vegetables. The analysis program for Interstate Certification Assurance (ICA) post harvest dips, sprays and concentrates and for cattle dip samples continued as in 2001.

#### **Plant Pathology**

Analyses for a number of departmental agricultural projects including cotton, mango flowering and analyses of rambutan, bamboo, cocoa and Ti Tree grape petiole samples for horticulture research work and surveys were provided by the Plant Section. Increased numbers of sap samples were analysed with a weekly testing service provided to growers (mainly cucurbits) to follow plant nutrition status and requirements.

In 2001-02, Plant Pathology Production Services was involved in the trial at the Coastal Plains Banana Quarantine Station to assess banana varieties for resistance to fusarium wilt tropical race 4 disease (Panama Disease).

Work continued during the year to select and screen varieties of snake bean in the plant pathology glasshouse, for resistance to the fusarium wilt disease. Work also continued on the testing of some promising new snake bean lines.

A study identified beneficial mycorrhizas (fungus-plant associations) in cotton and native *Hibiscus* species in the Top End of the Northern Territory. This finding has implications for the increased and sustainable production and management of cotton crops.

#### **Entomology Section**

In 2001-02, a dye technique was used to map colonies of giant termites (*Mastotermes darwiniensis*) and the seasonal damage was investigated by a wood consumption trial. Trials continued to test alternatives to the use of Mirex for control of giant termites in horticulture. One product was tested for the manufacturer in a series of eight trials as a soil injection technique for control of giant termites under a range of conditions.

Trials were carried out on the control of ginger ants with two formulations of a Fipronil bait.

During the year, Entomology Darwin processed 1251 inquires, including:

- 369 from other government agencies;
- 317 from householders;
- 237 from commercial growers;
- 75 from AQIS;
- 25 from QIB;
- 28 from pest control officers; and
- 200 from others.

Entomology Katherine received 199 inquires.

Approximately 4400 specimens were added to the insect reference collection.

Two post East Timor surveys of Darwin Region were completed without discovering any new insect, weed or disease introductions.

## Australian Quarantine and Inspection Service Export Inspection Service

### Live Animal Exports

The AQIS Export Inspection Service provides export inspection and certification of live animals and animal reproductive material exported from the Northern Territory to ensure animal health status and compliance with importing country requirements. In 2001-02, there were 150 ship inspections and 283 permits were issued.

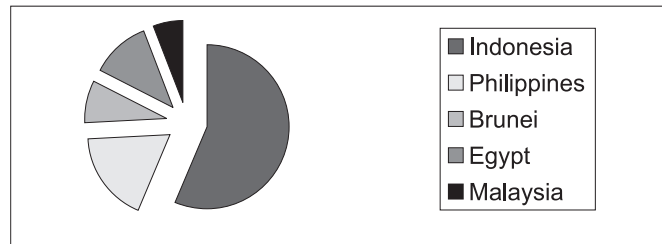


Figure 15: Destinations for Export Animals in 2001-02

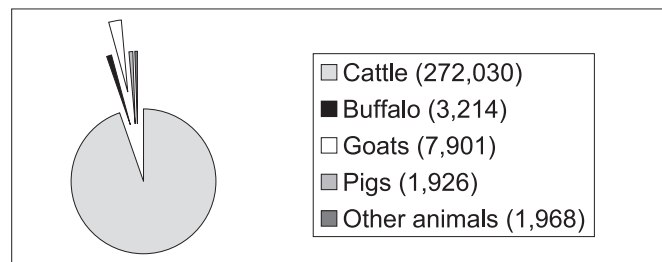


Figure 16: Animals Exported from the Northern Territory in 2001-02

### Fish Export Program

In 2001-02, auditing was completed of company quality assurance and Hazard Analysis Critical Control Points (HACCP) land and sea based inspection systems. Fish samples were collected by program staff for the National Residue Survey.

### Grain Export Program

Inspection and certification services were provided throughout the Northern Territory, including inspection and registration of premises, quality assurance auditing, container inspection and providing advice to grain exporters.

### Horticulture Export Program

Export inspection and certification services were provided in accordance with importing country requirements for fresh fruit, vegetables, live plants and cut flowers.

### Barrier Services

Barrier Services protect Australia and the Northern Territory community from exotic pests and diseases while assisting the international movement of people, agricultural produce and other commodities. It also ensures that Northern Territory produce meets interstate and international quarantine requirements through correct certification.

### **East Timor**

The East Timor program has been a very successful partnership between the Australian Defence Force and AQIS. In 2001-02, AQIS staff from Darwin rotated to East Timor approximately every 90 days. Pre-clearance commitments of personnel and equipment to the Australian Defence Force were met.

### **Airport Operations**

In 2001-02, AQIS maintained an effective quarantine clearance of international aircraft on arrival at their first port in Australia. AQIS ensured aircraft were adequately disinfected and conformed to waste control requirements and that disembarking passengers complied with Australia's quarantine laws at Darwin and Tindal and – by special exemption under the *Quarantine Act (20AA)* – at Alice Springs and Troughton Island.

Insect monitoring of airport environs was also undertaken during the year.

### **Seaport Operations**

Inspection and surveillance of overseas vessels was provided to ensure compliance with the *Quarantine Act (1908)* and international health regulations. The program is also responsible for monitoring rodents and vermin, ballast water, garbage disposal, crew health and pests on board. Proclaimed ports are located at:

- Darwin;
- Nhulunbuy;
- Groote Eryland; and
- Bing Bong.

### **Import Clearances**

Import clearances delivered effective quarantine and food safety services for imported cargo and food commodities to ensure border integrity at the seaports of Darwin and Nhulunbuy and also at Darwin International Airport, RAAF Base Darwin and RAAF Base Tindal.

### **Mail Exchange**

The international mail program undertook surveillance, screening and clearance of mail arriving from overseas in 2001-02 to ensure it did not contain items which may introduce exotic pests and diseases. Detection strategies used were parcel profiling, X-ray screening, detector dogs and random sampling. Mail is screened at Darwin and the Australian Defence Force Post Office in East Timor.

### **NT Interstate Quarantine**

Services were provided to maintain access to interstate markets, including certification or government endorsement for treatment, inspection or area freedom. A total of 1443 appointments were attended for product certification or endorsement in 2001-02. A total of 167 audits for Interstate Certification Assurance (ICA) conditions were conducted. Staff undertook formal training in ICA auditing procedures.

In 2001-02, the following activities were undertaken to maintain quarantine clearances for Northern Territory produce being sent to interstate markets:

- bananas growing in high risk areas of Darwin such as the port and the airport precincts were surveyed and found free of black Sigatoka disease;
- cut flowers and nursery stock received from other states were monitored for pests and diseases on a routine basis;
- regular monitoring for spiralling white fly, melon thrips and western flower thrips was undertaken in Darwin nurseries;

- fruit fly monitoring of the local and national grid continued. The Northern Territory maintained 50 traps for Agriculture, Forestry and Fisheries Australia (AFFA) comprising Cuelure, Methyl Eugenol and Trimedlure in Darwin, Palmerston and Gove. A further 175 traps were maintained in rural Darwin, Adelaide River, Katherine, Tennant Creek, Borroloola, Pine Creek, Alice Springs and Uluru;
- additional trapping was undertaken for Mediterranean Fruit Fly and increased inspection of host produce from South Australia continued following significant outbreaks in that state;
- all three of the Accredited Production Areas (APA) were reinstated as Fruit Fly Freedom areas before table grape production commenced in November 2001 following the outbreak and subsequent successful eradication campaign for Queensland Fruit Fly in Ti Tree;
- the Northern Territory was placed on the alert phase following the detection of a single male fruit fly identified as *Bactrocera philipinensis* (Exotic fruit fly). An additional extensive grid of traps was maintained for a seven-month period with no further detection;
- the suspected identification of the exotic Potato Spindle Tuber Viroid in hydroponically grown tomatoes necessitated national notification and considerable planning towards an eradication program;
- staff undertook formal training in Red Imported Fire Ant detection procedures as part of a national surveillance program;
- the exotic disease grapevine leaf rust was detected in Darwin. Subsequent surveys indicated that it is present only in Darwin and Palmerston and this prompted pressure for an eradication program against the disease in the Northern Territory in order to protect the national industries;
- a suspect bacterial blight disease on grapevines was gazetted as a notifiable disease and investigated on commercial vines in Ti Tree. The problem was determined as an interaction between nutritional disorder and unusual, very humid weather conditions;
- staff attended the unpacking of a 65 container consignment to inspect for the exotic pest Giant African Snail. The Northern Territory has alerted AQIS staff to a significant number of post barrier quarantine risks during these inspections. Some companies are consequently volunteering to unpack under AQIS requirements;
- the Detector Dog Program (maintaining surveillance for plant material into Northern Territory) operates routinely at Darwin International Airport and periodically at the Alice Springs Airport;
- Plant Health Branch personnel were involved with one national and two international consultancies concerned with quarantine barrier services issues; and
- the AQIS pathologist and entomologist provided inspectorial services for the post-entry quarantine facility at Berrimah until its closure in November 2001.

## Horticulture Division

The Horticulture Division provides research, development, strategic advice and extension services to assist with the development of horticulture in the Northern Territory. The estimated gross value of production of horticulture in 2001 was \$92.198 million, a slight increase over the previous year despite a major set back with the banana industry because of the Panama Disease. The major sectors continue to be mangoes, followed by table grapes, bananas, vegetables (particularly Asian vegetables), melons, cut flowers and the nursery industry. The total area planted with horticultural crops in the Northern Territory continues to increase, and is now estimated at between 6000 and 7000 hectares.

## Horticultural Industry Development

Draft Industry Development Plans were prepared in 2001-02 for the Cut Flower, Nursery,

Citrus and Mango industry sectors. These plans provide the basis for the partnership between industry and the department, including priorities for research and development.

The department continued to assist various grower groups throughout the year. Assistance ranged from financial and strategic support for the Northern Territory Horticultural Association (NTHA), the fledgling Mango Industry Association (MIA) and the Citrus Growers Association (CGA), to agronomic and technical advice to Asian Vegetable Growers group and cut flower growers.

Government provided a financial contribution towards the construction of a new CSIRO laboratory in Darwin. The new facilities have the capacity to make a significant contribution to the developing Northern Territory horticulture industry.

### **Best Horticultural Practice**

Work continued in 2001-02 on developing agronomic 'packages' which provide growers with an assurance that, by following a set of proven principles, they will produce a quality product. These packages continue to be fine-tuned for table grapes, culinary bamboo shoots, citrus and some minor crops, but were completed for mango, vegetable, rambutan, banana, cut flower and nursery products.

Further experience and knowledge of potential markets and transport options was gained through a sea freight trial of mangoes to Hong Kong and China during the year. This work is helping the mango industry to develop export options.

A range of extension 'products' aimed at facilitating the adoption of new and existing technologies across the horticultural sector were developed during the year. These products included posters for citrus and palm variety and vegetable disease identification. Agnotes, Technotes and guidelines for the management of table grapes, heliconias and Asian vegetables were published. A series of grower technical workshops for the mango, cut flower, nursery and vegetable industries were also organised.

### **Horticultural Product Description**

The Northern Territory's contribution to the national evaluation of new grapefruit varieties, which was conducted in Alice Springs and Katherine, was completed in 2001-02. This research provided Northern Territory growers with a range of options for new and improved grapefruit varieties for specific markets.

The department commenced a program to help the cut flower, Asian vegetable and citrus industries to accurately describe their products to other participants in the supply chain. This initiative allows individual growers to agree on quality specifications as a precursor to centralised marketing.

Horticulture staff assisted three nurseries to successfully meet the audit requirements for the industry's self-enforced quality management scheme, Nursery Industry Accreditation Scheme Australia.

### **Horticulture Crop Forecasting**

The department has initiated a unique program to predict the timing and volume of mangoes harvested in the Northern Territory each year. This provides the industry with the information needed to plan for labour, cooling, packing, storage, transport and market throughput. The initiative is unique for mangoes and requires a close partnership with growers to secure the tree number, age, cultural practice, flowering and heat sum data needed to obtain accurate

predictions. The system was first put into practice during the 2001-02 season and predictive harvest dates were within a few days of actual maturity.

### **Horticultural Industry Events**

With a clear focus on the outcome of developing the Northern Territory horticultural industry, a range of events, workshops and conferences were organised, attended and supported by industry representatives and departmental staff. Mango and Asian vegetable growers were accompanied to market and production sites interstate while the National Citrus Conference and NT Garden Spectacular and regional agricultural shows were keenly supported by departmental horticulture staff.

### **New Horticultural Products**

An exciting range of new horticultural products which will suit Northern Territory growing conditions and satisfy identified domestic or export markets were either released or moved closer to commercialisation by the department in 2001-02.

Six lines of cut flower Zingiber hybrids were placed under provisional Plant Breeders Rights and released to industry under agreement for commercial evaluation. This material significantly broadens the seasonality, form and colour available for this unique "beehive" type ginger. A further 70 hybrids have been selected to undergo further testing at departmental facilities.

Thirty-five lines of the highly sought after *Euphorbia millii* (Crown Of Thorns) hybrids which had been introduced through the nursery program were released. This material promises an amazing range of 'potted colour' products for commercial nurseries in the Northern Territory.

Nine lines of open-pollinated *Heliconia Psitticorum* were released to cut flower growers for evaluation. These lines serve to broaden the form and colour of these fine tropical flowers from the two commercial types available currently.

Accessions of *Cucuma sp* were introduced from Thailand. This material will be used in the department's breeding program to develop new cut flower or potted colour products.

A commercialisation agreement was entered into with a commercial nursery, which seeks to apply the nursery's production technology to plant genetic material supplied by the department. The expected outcome will be a unique new nursery product for southern domestic markets.

The department is a key partner in the National Mango Breeding Program, which seeks to develop fresh mango varieties with superior agronomic and quality characteristics for domestic and export markets. In 2001-02, a group of promising hybrids was selected to move to the next stage of testing.

In what is probably a world first, the Northern Territory has built, secured and deliberately infected a purpose-specific site with Panama Disease for bananas. In 2001-02, 14 varieties were trialed under a research project jointly supported by Northern Territory banana growers, the department and Queensland and Commonwealth agencies. The most susceptible varieties succumbed to the disease, but some potentially commercial lines remain uninfected at this stage.

A range of scion/rootstock combinations for table grapes were planted in a trial at Ti Tree. This trial will evaluate combinations in terms of fruit quality, yield, bud-burst, vine vigour and nutrition. A number of table grape varieties were planted in Pine Hill area to identify new suitable varieties for the Northern Territory.

### **Horticultural Research Capacity**

In 2001-02, the department undertook an exhaustive review in collaboration with industry representatives into the future of the Post Entry Quarantine Facility at Berrimah Farm. The review explored the industry need, quarantine aspects and economic viability of the facility. This is one of only two such facilities in existence in the tropical areas of Australia. The department has agreed to refurbish the facility in 2002-03, which will assist Northern Territory horticultural industries to import new varieties from overseas sources.

### **Agricultural Division**

The Agricultural Division plays a key role in supporting agricultural development in the Northern Territory. Agricultural development provides research, development and extension programs for the development of mixed farming in the Top End of the Northern Territory. The agricultural sector currently produces hay and field crops, and contributes significantly with cattle production from mixed farms.

Mixed farming in the Katherine Daly Basin continued in 2001-02. A further four blocks were sold in the Stray Creek subdivision. Development of pastures, fencing and infrastructure has now commenced on the blocks.

The hay industry has been expanding in recent years in line with live cattle exports. Three hay-processing plants operate in the Top End - two producing hay cubes, and one producing feed pellets. Feed hay production in the Northern Territory is approximately 38 000 tonnes a year.

The division has identified potential for a significant increase in irrigated crops in the Northern Territory and also for the development of the sesame industry as a wet season dryland crop. The Peanut Company of Australia (PCA) plans to develop the peanut and sesame industries in the Northern Territory, based in the Katherine and Douglas Daly areas, with an expected annual value of production of \$20 million for peanuts, and a further \$20 million of production from rotational and other crops.

### **Mixed Farming Development**

The division organised several successful farmer/extension days in the Douglas Daly and Katherine districts in 2001-02 which were all well attended. These included:

- a Jarra Grass Information Day in Katherine;
- a Hay Day;
- a District Producers Farm Walk; and
- a Douglas Daly Research Farm (DDRF) Information Day during the 2002 dry season.

The division continued to facilitate and conduct producer agreed research trials under a Producer Initiated Research and Development Project, funded by Meat and Livestock Australia. The Project is looking at Wynn Cassia as a pasture and fodder species and is half way through its two-year cycle. As part of this project, several guest speakers addressed the group on aspects such as water medication, animal nutrition and soil and pasture sampling. The project findings were discussed at a meeting in June at DDRF. Producers are now planning to expand the project to gain more information on the production ability of the pastures they use.

Research and development projects continued at DDRF with the main focus being cattle production systems using improved pastures.



### **Hay Industry Development**

Division officers presented information on various aspects of growing and managing hay and seed crops to hay growers and seed growers during the year. Four hay producer days and three farm walks were organised.

The value of hay produced in the Northern Territory during 2001 is estimated at \$5.5 million (38 000 tonnes) and seed production \$500 000 (48 tonnes). Eleven people were trained and gained accreditation as official seed samplers in the Northern Territory during 2001-02, including for the first time, seed samplers from the private sector.

### **Irrigation Industry Development**

Maize and peanut trials were established at DDRF in March 2002. Maize trials have concentrated on grain production over the past four years. The industry is seeking information about maize silage as part of increased attention to irrigated fodder production. The division will evaluate silage yields as part of its ongoing maize trials.

Eleven new varieties of peanuts were sown at DDRF in 2001-02 in a collaborative trial between the Grain Research and Development Corporation and the department. The trial is designed to assess new lines for commercial production in various geographic areas. During the year, a senior departmental economist, in conjunction with Irrigation Industry Development staff, released the first serious economic study of irrigated peanut/maize undertaken to date. Technical information has been provided to PCA and their consultant for a feasibility study into peanut production and processing in the Northern Territory.

Commercial scale trials continued with Plant Investments Pty Ltd on all aspects of peanut agronomy. Valuable information was obtained for the development of the industry. An agreement with Rocca Farming NT secured the use of peanut planting and harvesting equipment in the Katherine district.

A new 27 hectare centre pivot irrigation system was installed at Katherine Research Station (KRS) during the year and was planted to cotton for the 2002 dry season. Another 18 hectares of cotton was planted under the lateral irrigator and the tape irrigation system. Eighteen hectares of cotton was planted at KRS in 2001, consisting mainly of the varieties Siokra V16I and Sicot 289I. Planting took place between 28 March and 11 April. Picking started on 1 October and concluded on 17 October. The yield appeared to have been affected by 53 cold shock days, including 17 in August and September. Insect pressure was also high.

### **Dryland Cropping**

The sesame research program at KRS identified superior lines of sesame seed suitable for release to producers in 2001-02. Varieties have also been identified suitable for interstate producers.

A shipment of 12 tonnes of sesame seed was sold to Japanese interests as a trial shipment. Some 14 tonnes of a new sesame seed variety, PA46, was grown at Douglas Daly, to be used for planting sesame crops.

### **Agroforestry**

The Agroforestry Section successfully established a clonal seed orchard and seed bank of the promising hardwood species, African mahogany *Khaya senegalensis* in 2001-02. The work is part of the Rural Industries Research and Development Corporation-funded project, "Species Testing and Genetic Improvement of Forest Trees in the Northern Territory".

The seed orchard is located at Howard Springs on 20 hectares of land under the custodianship of the NT Forest and Timber Products Network and the seed bank has been established at Berrimah Farm. The objective is to produce seed from selected genotypes in a relatively short period of time.

In 2001-02, three years work in the NHT-funded Farm Forestry project culminated in 25 research sites having been established in the Top End of the Northern Territory. A mixture of native and exotic hardwood tree species were planted in trials to determine their performance and potential as plantation species for commercial development and as components in Farm Forestry plantings.

The Tiwi Island *Acacia mangium* project received approval under the Commonwealth *EPBC Act* in 2001-02 to establish and operate a further 26 000 hectares of hardwood plantations on western Melville Island. This has been the result of concerted effort by industry, the Indigenous landowners and government to formalise strategic and operational plans that meet environmental, heritage, social and management requirements to enable successful development of the project.

### **Buffalo Industry Development**

In 2001-02 the full time employment of an industry development officer for the buffalo industry has helped the industry to significantly increase turn-off. Over the past two years, annual turn-off in the industry has doubled to more than 3000 head. The industry continues to re-develop using managed buffalo production systems, rather than the wild harvest system of past years.

The industry development officer has played a key role in identifying and developing the supermarket trade into Brunei Daressaleum, where two abattoirs are the recipients of the stock. Supermarket animals fetch a 10-cent premium over wet market bulls and the base rate has risen from \$1.30 to \$1.45 per kilogram.

The riverine buffalo research program progressed well in 2001-02, with the original eight head imported now increased to 21 purebred animals and a large number of crossbred animals. The riverine cross breeding program has given increased growth rates in young buffalo of 40% greater than swamp buffalo and has improved carcass and meat quality.

There have been interstate sales of three quarter riverine bulls (five head) seven-eighths riverine bull (one) and purebred riverine bulls (two). A group comprising ten three quarter riverine heifers, 20 half riverine heifers, and three purebred riverine heifers will be moved to a dairy in Queensland where milking data on the crosses will be obtained. This will be a cooperative project with the Laurel Park Dairying Company and the department.

### **Pastoral Division**

The aim of the Pastoral Division is to work with industry to increase the value of the pastoral industry in the Northern Territory by 50% within the next five years. This will be achieved by extension research and regulatory programs to foster profitable and sustainable primary industries within the Northern Territory.

The primary focus is to increase cattle production from the Northern Territory in response to the increasing demand of the live cattle trade. There are several ways in which this will be achieved such as:

- increasing the effective use of existing pastoral country;

- bringing Indigenous land into production; and
- encouraging the development of areas such as the Katherine Daly Basin and the Sturt Plateau.

In 1993, the department established a major grazing trial in conjunction with Heytesbury Pastoral Company at its Mt Sanford property in the Victoria River District. This trial demonstrated that significant improvements in production could be achieved by increasing the number of waters and reducing the distance cattle need to graze out from water. 2001-02 was the last year the trial was managed by departmental staff. Heytesbury has now taken over management of the second stage of the project. Results from the Mt Sanford trial were significant enough to encourage Heytesbury to establish a commercial assessment of the outcomes at the Pigeon Hole property. Considerable planning has been carried out in the last 12 months and funding has been confirmed for this demonstration.

In 2001-02, the division worked with the Indigenous Land Corporation (ILC), the Land Councils and industry, to bring indigenous-owned pastoral land back into production. Regular interaction between the group maintained a good level of cooperation and the ILC has arranged for the leasing of three Indigenous properties by pastoralists. Department staff are closely involved in the development of businesses on Indigenous land, including buffalo projects, increased cattle production and abattoir facilities and pastoral production.

The division participated in the North Australian Beef Industry Conference in Kununurra, and outlined development of a new value-based description system for feeder cattle exported from northern Australia. The management of AustAsia, a major exporter of feeder cattle from northern Australia to South-East Asia, is adopting this principle with the intention of achieving a competitive advantage for the company. This competitive advantage will come from the company becoming a highly reliable supplier of feeder cattle of more tightly specified value-adding and end-use suitability.

Commercial recognition of the results of the joint research and development program with Meat and Livestock Australia is contributing to a major change in the validity of price signals available to beef enterprise managers in the Northern Territory. These more valid price signals will provide a sound basis for future decision-making in the structure and operation of beef cattle businesses.

A genotype trial was completed at the Victoria River Research Station (VRRS) in 2001-02. The trial provided clear indications of the benefits of some crossbreeding on final specifications to the live steer export trade. Planning is well progressed for a continuation of a modified 'Best Bet' trial on VRRS to extend early findings into a more commercial application.

The division worked with the Queensland Department of Primary Industries to complete the content for a Grazing Land Management course during the year. The course will be delivered to industry by consultants.

Another initiative, which is strongly supported by industry, was the commencement of biodiversity studies in areas where intensification trials are being carried out. Intensification can be achieved by more watering points and fencing. Biodiversity studies will accompany production studies. The studies are being funded by the NHT.

A book on the role of fire in the northern landscape was published during the year. "*Savannah Burning*" includes seven years of departmental studies on the effect of fire on pastoral country. A rangeland officer from Katherine was co-editor of the publication.

Two NHT funded projects were completed in 2001-02 – one on the transfer of technology to pastoral land manager, and the second on the curing rates of different species of pasture plants.

The division continued to participate in and provide support for Tropical Savannas CRC.

During 2001-02, the Pastoral Production Unit in Katherine continued to deliver the very successful Rangeland Management Courses.

Nuffield Scholarships sponsored by the department to fund study visits overseas were awarded to two Territory cattle producers. The recipients were Mr Willy Ellison of Adelaide River, and Mr Paul Smith of Teyon Station south of Alice Springs.

The Tuberculosis Freedom Assurance Program achieved the required surveillance by abattoir monitoring and tuberculin testing. A small buffalo herd was found to be infected and was totally destocked. Some 48 171 cattle were tuberculin tested on 14 properties with 82 reactors and none found to be infected. Compensation of \$110 064 was paid to producers for 82 reactor cattle and 163 destocked buffalo with funding provided by the national cattle industry. \$300 757 in mustering subsidies, freight rebate and spay subsidies were paid to producers. With the funding provided by the national cattle industry to partially offset the additional operating costs of property programs.

The Parkhurst ticks program was reviewed during the year. Parkhurst ticks are resistant to the commonly used pour-on synthetic pyrethroid tickicides. Following consultation with industry, an amended policy was developed that should prevent the risk of spread of resistant ticks and have minimum effect on affected producers while managing the risk. Cattle destined for the export market will be permitted to move to export cattle yards with a plunge dip charged with the effective tickicide Armitraz.

An ACIAR-funded program on competency-based training for animal husbandry officers in eastern Indonesia was completed with the assessment of local training programs and their impact on adoption by farmers of improved cattle management practices. This project had direct application for importation of 1500 breeder cattle from the Northern Territory by the local government of Sumba, in Indonesia.

Divisional officers delivered a short course in feedlot management at a feedlot in West Java, Indonesia.

Projects under a joint cattle development program with the Philippines were implemented during 2001-02. Grade AA and AAA abattoirs were audited as part of the beef industry standards project and technical support provided to a cattle development project in Negros. These projects are ongoing.

A cattle industry development study was undertaken in Jordan and the Jordanian Government has shown considerable interest in progressing the development of smallholder beef cooperatives operated by Bedouin communities.

### **Berrimah Veterinary Laboratories**

The Berrimah Veterinary Laboratories (BVL) are accredited by the National Association of Testing Authorities for veterinary testing. The core function of BVL is to provide a veterinary testing service for diagnostic, regulatory, monitoring and research purposes for the pastoral and aquaculture industries. There were 1883 laboratory submissions during the year which generated 59 719 tests.

In 2001-02, Berrimah Veterinary Laboratories:

- provided a quality assured veterinary testing service in the broad fields of veterinary pathology and veterinary virology;
- provided a testing service for export certification purposes;
- provided a laboratory testing service for the North Australian Quarantine Strategy;
- provided testing on a fee-for-service basis in the disciplines of anatomical pathology and histopathology, cytology, bacteriology and parasitology for private veterinary practices;
- participated in proficiency testing in order to maintain accredited quality assurance status, in the disciplines of serology, virology, histopathology, bacteriology and parasitology;
- participated in the National Granuloma Submission Program to ensure tuberculosis freedom in cattle and buffalo;
- participated in the National Transmissible Spongiform Encephalopathy Program to ensure freedom of Bovine Spongiform Encephalopathy in cattle;
- participated in the National Arbovirus Monitoring Program to detect exotic arboviruses and monitor the spread of endemic viruses in cattle;
- investigated Japanese Encephalitis vectors and mosquitoes feeding on pigs;
- evaluated the effects of covered pens in reducing the attack of cattle by *Culicoides* spp;
- conducted research on flaviviruses in pigs and chickens, and viruses of horses;
- investigated Eperythrozoon infection in pigs and bovine ephemeral fever viraemia in cattle; and
- provided staff education and training by attendances at conferences, seminars and workshops.

### **Weed Management Services**

The new *NT Weeds Management Act* came into force on 1 July 2001. Activities to increase public awareness of the Act were undertaken during the financial year. These targetted groups such as town and rural councils, hay producers and government agencies. Through cooperative efforts among Indigenous communities, landholders and the department, management plans have been developed for various areas and a number of declared species have been controlled. A 'Weedplan' document was produced as a guide for landholders in controlling weeds on their properties.

Land managers were assisted in their weed control efforts by reimbursements provided under the Weed Management Assistance Scheme and the Herbicide Subsidy Scheme (see Appendix 4).

The Act provides for regional weeds advisory committees. Preliminary meetings have been held to establish committees in the southern Katherine and East Arnhemland regions. Projects for strategic control of specific weeds species have been funded through the NHT Weeds of National Significance program. These include Parkinsonia, Prickly Acacia, Mesquite and Athel Pine. The Finke River Athel Pine project has been temporarily postponed due to record rains, which prevented movement in the river. Work is projected to recommence in November 2002.

In August 2001 the aquatic weed *Cabomba caroliniana* was again found in Marlow Lagoon at Palmerston. Manual removal proved impossible and, in consultation with Palmerston City Council, it was decided to drain the lagoon and apply herbicide prior to the next wet season.

Biological control of mimosa continued with further releases of insects, which feed on roots,

leaves, or green pods of the plant. Mass rearing of a new biological control agent *Macaria pallidata* began in May, with the first release of adults in June 2002 on the Adelaide River.

Additional evidence indicates that the suite of biological control agents is having a real and significant effect on seed production and the soil seed bank. A number of agents, particularly *Carmenta mimosa* are causing conspicuous damage to mimosa. Experiments have demonstrated that biological control can be effectively integrated with other control options.

The department has continued to support CSIRO Entomology in their search for new biological control agents against major Northern Territory weeds that originated from Central America. CSIRO use their Mexican field station to survey plants in their native range and test any insects to ensure they will only feed on the target weed. CSIRO have provided insects that feed specifically on mimosa (NHT) and a new, very promising insect that eats bellyache bush is due to be released shortly.

Ground control of mimosa continues to be carried out by Indigenous communities with funding from the ILC. With the involvement of the NLC and a number of Indigenous communities, control programs are underway at Oenpelli, Cooper Creek, Murgarella, Maningrida, Malak Malak, Acacia/Larrakia, Southern Daly River/Port Keats and Wagait. All known mimosa infestations in Arnhem Land were treated. Outbreaks at Arafura Swamp and Phelps River appear to be under control despite re-germination at Phelps River

Mimosa control programs also continue on pastoral and other properties in the Daly, Reynolds, Adelaide, Mary and Finnis River catchments. Financial assistance to landholders is reported at Appendix 4.

Progress has been steady. For example, the infestation at Oenpelli has been reduced from about 8000 hectares in 1991 to approximately 700 hectares of scattered mimosa over the flood plain.

## Strategic Services Group

The Strategic Services Group provided policy and coordination, economic information and analysis, strategic research, legal and legislative services, liaison and communication and marketing services to the agency.

### Executive

The Strategic Services Executive provided leadership in policy and planning for the agency as well as a range of facilitation services in international relations and strategic projects.

### Asian Relations

During the financial year, DBIRD provided a broad range of assistance and support to government and other agencies. Activities in 2001-02 included:

- assisting the Indonesia Australia Business Council (IABC), with the organisation of a regional trade seminar in conjunction with NT Expo in July 2001. Speakers at this seminar included the Indonesian Minister for Industry and Trade, HE Luhut Pandjaitan, and Indonesian journalist, Mr Yusuf Wanandi;
- finalising an agreement with the Indonesian Directorate General of Customs and Excise in August 2001 for the placement of two Customs officers to implement the trial of an Indonesian customs facility in Darwin;
- participating in a round table seminar about Association of South East Asian Nations sub-regional groupings in Brunei Darassalam in September 2001. This meeting helped to reinforce and enhance the Northern Territory's privileged observer status at Brunei-Indonesia-Malaysia-Philippines East ASEAN Growth Area (BIMP-EAGA) meetings;
- assisting the visit by the Chief Minister and the Minister for Asian Relations and Trade to Dili for the swearing-in ceremony the inaugural East Timorese Government;
- organising a visit to Jakarta in January 2002 to introduce the Chief Minister and the Minister for Asian Relations and Trade in the new Northern Territory Government to the President and Ministers in the Indonesian Government. This visit resulted in increased communication and activity between the Northern Territory and Indonesia;
- attending a Senior Officials Meeting on Trade in Jakarta in May 2002. This meeting was used to recommence negotiations with Indonesian trade officials to seek out areas of mutual interest in the economic development of the region;
- supporting attendance of the Chief Minister and Minister for Asian Relations and Trade at the first Independence Day celebration for Timor Lorosae, in Dili in May 2002. Attendance at this event provided an opportunity to reinforce the strong relationship between the new Governments of Timor Lorosae and the Northern Territory;
- assistance was provided to delegations attending NT Expo 2002. Delegations were from Jayapura and Timika in the Indonesian Province of Papua, representatives from the Embassy of the People's Republic of China, and the Taiwan Trade Representative from Sydney. A visit by a delegation from Anhui Province in the People's Republic of China was also facilitated around NT Expo 2002; and
- commencement of the development of an Asian Engagement Plan, a commitment under the Government's Economic Development Strategy.

### Overseas Representation of the Northern Territory Government

A review of the overseas offices by the department with the Risk Management Unit of the DCM was completed in November 2001. Consideration of the recommendations resulted in:

- closure of the Sabah office;
- rewriting of the contracts for the Indonesia, Philippines and Thailand offices with representation retainers and capped fee-for-service project budgets through until February 2003; and
- the introduction of more formal business plans and performance indicators.

The changes allow continuity for important government-to-government links and current and future approved projects, while achieving significant budget savings.

The Northern Territory was represented in Jakarta by Drs Frans Seda, in Manila by Charles and Violy Searby, and in Bangkok by Bruce Crampton. The East Timor office continued with an outplaced departmental officer, Mike Gallagher.

Arrangements in Sabah allow use of the former Northern Territory representative, Mike Steele, on an as-needed basis, subject to budget availability, thus allowing continuity for current projects and emerging prospects.

The changes will result in better matching with Northern Territory business needs, help the department ensure optimum value for money and allow better support for the opening of other markets of importance to Northern Territory businesses.

### Business and Skilled Migration

Information and assistance was provided to Northern Territory businesses and potential investors on regional initiatives under the Commonwealth migration programs. Outcomes in 2001-02 included:

- approval of an application under the Regional Established Business in Australia scheme;
- support for the extension of a long term temporary visa for an independent executive who has investment in an horticultural project and support to a Singaporean national for a long term temporary visa to establish a trading operation; and
- certification of 29 sponsorships under the Regional Sponsored Migration Scheme (RSMS).

Table 23: RSMS Certifications Since the Scheme Commenced in 1995

	1995-96	1996-97	1998-99	1999-00	2000-01	2001-02
RMSM sponsorships	8	28	18	28	27	28
Sponsorships withdrawn or refused		3	1	2	1	2

The positions filled under RSMS were based in Alice Springs (seven), Darwin (14), Katherine (three), Nhulunbuy (two), Tennant Creek (one) and Yulara (one). The sponsorships included health, education and management and trade positions.

### Strategic Projects

The department is responsible for coordinating Northern Territory Government responsibilities regarding development of major agribusiness projects. In 2001-02, the projects included the Ord River Stage 2 M2 project, the Katherine Daly Basin Development Area, the Adelaide River Irrigation Potential Project and the Ti Tree Horticultural Infrastructure Initiative.

#### Ord River Stage 2 M2 project

The proposed Ord River Stage 2 M2 development would use waters from Lake Argyle in Western Australia (WA) to expand the current irrigated area of 13 000ha by an additional 30 500ha for irrigated agriculture. About half of the irrigated area would lie within the Northern Territory.



In April 1998, sole development rights for the M2 were awarded to a consortium of Wesfarmers Ltd and Marubeni Corporation, which proposed to develop the area for raw sugar production. In December 2001, the consortium announced it would not proceed with the M2 project, citing several reasons, including volatility in the world sugar price and factors such as water supply, environmental approvals and land access.

The WA and Northern Territory Governments remained committed to the project. The WA Minister for State Development and DBIRD have jointly assumed the role of proponent for the project. This arrangement allowed the project to be 'warehoused' in its existing form while further research was undertaken to determine whether the project could be re-tendered in future.

The WA Minister for Environment and Heritage and the Northern Territory Minister for Infrastructure, Planning and Environment granted environmental approval for the project in March 2002.

Over 30 and 31 January and 1 February, the group hosted a series of meetings involving representatives of WA and Northern Territory Government agencies, the Kimberley and Northern Land Councils, and private sector interests, to examine ways in which the project could be progressed. A timetable was established to undertake heritage clearance works in the WA 2002 dry season.

#### **Katherine Daly Basin Development Area**

The Katherine Daly Basin Development Area (KDBDA) is north-west of the town of Katherine and comprises the Douglas, Jindare and Claravale Stations, the existing Douglas Daly Farms, and the recently released Stray Creek Blocks. The stations have the potential to be developed for more intensive agriculture. The challenge for the Government and the private sector is to strike a balance between achieving economic growth and providing appropriate protection for the natural environment and regional biodiversity. The KDBDA has been carefully planned to achieve this balance. Conservation reserves and clearing restrictions are included as part of proposed developments in the Katherine Daly Basin.

Native title issues over the southern portion of Douglas Station were resolved as part of the negotiations to release the Stray Creek Blocks in 2000, which means this area of the property is available for subdivision. An application to subdivide 1400km<sup>2</sup> of Douglas Station into 10 mixed farming blocks and several small horticultural blocks was submitted by the Tipperary Group of Stations to the Government in November 2001.

The DIPE has carriage of this application and has sought comments from government agencies about the proposed subdivision. There has been no further progress of the application pending the resolution of intra-government negotiations to develop a new native vegetation clearing policy for the Northern Territory. This department has contributed to the development of this policy.

#### **The Adelaide River Irrigation Potential Project**

There are significant areas of freehold land along the Adelaide River between the township of Adelaide River and the Margaret River junction. The section is examining the potential for an overall plan to be developed which would allow integrated development of these areas for irrigated horticulture. This has involved ongoing liaison with DIPE's Water Resources section, which is undertaking a detailed study of water availability of the area, including potential water storage options.

### **Ti Tree Horticultural Infrastructure Initiative**

The Ti Tree Horticultural Infrastructure Initiative was undertaken in 2001 to provide a coordinated plan across government to develop the infrastructure needed to support horticultural development in the Ti Tree region. In 2001, the table grape industry in the region was worth an estimated \$20 million, from approximately 410 hectares of grape vines.

Water resources and soils have been identified near Ti Tree which would allow land used for table grapes and other horticulture to expand to more than 1 000 hectares. The targeted areas for expansion are on Pine Hill and Woodgreen Stations. However, these blocks have not been released because native title issues are still being discussed. The main role of the section in 2001-02 has been liaison with DIPE Alice Springs over the progress of native title discussions.

### **Ministerial Liaison**

During the year, the Ministerial Liaison Unit facilitated consistent and effective communication between the agency and the Minister, coordinated timely briefing notes and statements for Legislative Assembly sittings briefings for Cabinet meetings in regional centres, coordinated information for speech notes and Ministerial statements and responses to requests from other agencies, coordinated agency input into whole-of-government reporting, and provided high level advice about protocols and procedures on Ministerial and departmental correspondence and legislative requirements.

## **Policy Development and Coordination Division**

The Policy Development and Coordination Division contributes to a policy and knowledge environment that enhances economic development opportunities for Northern Territory industry and business. In 2001-02, the division provided a range of information and advice on economic opportunities and performance, and major policy issues strategic to industry and business development.

The division played a major role in facilitating the Economic Development Summit. The Summit was held on 4-6 November 2001 in Parliament House Darwin with 129 Delegates and 79 Observers attending the proceedings. The event was co-chaired by Mr Neville Walker AM and Mr Bob Collins.

Access to the summit was encouraged through written submissions, World Wide Web based submissions and a series of community forums in Darwin, Katherine, Tennant Creek, Alice Springs and Nhulunbuy. More than 300 people attended the community fora and more than 120 submissions were received by mail and the web.

A publication, *Summary of Action Areas*, was produced. It identified the key areas highlighted through the summit and provided input to the Northern Territory Economic Development Strategy.

The division coordinated the activities of the Business Round Table. The Business Round Table was announced by the Chief Minister on 7 September 2001 and the first meeting was held on 19 February 2002. It is a consultative mechanism to enable open dialogue between government, industry and business about economic development in the Northern Territory.

Between February and June 2002, the Chief Minister hosted five monthly meetings of the Round Table; three in Darwin and one each in Tennant Creek and Palmerston.

Key issues discussed were business insurance costs, procurement policy and Northern Territory workforce development and training. Other matters placed on the table included the impact of crime on business, road and rail transport issues, illegal motor vehicle trading, regional development, Indigenous economic development and investment opportunities.

A website [www.businessroundtable.nt.gov.au](http://www.businessroundtable.nt.gov.au), enables people to register their interest in being involved in Round Table discussions and includes records of meetings and action updates.

The Northern Territory International Trade Strategy Discussion Paper, 'Building Stronger Territory Trade', a commitment under the Government's Economic Development Strategy, was released for public comment by the Minister for Asian Relations and Trade on 28 June 2001. The strategy is to be finalised and implementation commenced by 30 September 2002.

*Building Stronger Territory Trade* has five themes:

- building Northern Territory international trade capabilities and skills;
- developing international markets and awareness;
- actively securing vital international investments;
- expanding the AustralAsia trade routes; and
- capitalising on Northern Territory Government links and support programs.

The *Major Project Directory* was produced by the department and launched by the Minister on 8 May 2002. The directory is published to keep business and investors abreast of development in the Northern Territory and it includes projects that are committed, planned and proposed which have a forecast expenditure in excess of \$1 million.

The 2002 Major Projects Directory has a focus on electronic delivery of information. A website was established [www.ntmajorprojects.nt.gov.au](http://www.ntmajorprojects.nt.gov.au) so business people and investors could access the information. The document was also produced on CD.

## **Economic Performance and Forecasts for Industries and Commodities**

### **Facilitation of the Northern Territory Regional Outlook Conference**

The eighth annual Northern Territory Regional Outlook Conference was successfully organised in Darwin. More than 100 participants from industry, public agencies and the community met to examine and discuss the theme of *Innovation and Opportunities in Rural and Regional Northern Territory*. The four sessions – Overview of Regional Industries and Economies, Multiple Use of Natural Resources, Case Studies in Regional Innovations and Opportunities Regional Capacity Building – included 12 presentations.

The Minister opened the conference with an address about *Future Directions for Rural and Regional Northern Territory*. The Investment Ambassador for the Northern Territory Government, Mr Bob Collins, closed the conference, addressing the issue of *Expanding Investment in Territory Development – New Perspectives*. Other issues discussed included commodity outlooks, Indigenous land management, barramundi sea-cage farming, orchids and integrating production and biodiversity.

### **Statistical Collection**

The economic performance of the economy, industries, businesses, trade and commodities

was monitored through various statistical collections. Several rural and fishing statistics for 2000-01 and 2001 were published. Statistical information was provided to industry, the community and government.

Extensive liaison with, and inputs to, the ABS and Northern Territory Statistical Liaison Committee included statistical priorities, the establishment of access to the ABS data base across government, ABS Agriculture and Mining Programs, Northern Territory Agriculture Collection, Agriculture and Environment Survey design, regional statistics and the development of Northern Territory statistical strategies.

The economic situation and outlook for the economy, industries, businesses, trade and commodities was monitored and assessed throughout the year with information and advice variously provided to industry, community and government.

### **Economic Development Opportunities for Industries and Commodities and the Economic Impact of Developments**

In the primary industry sector, economic information was provided on current or potential enterprises, including camel harvesting and co-grazing, peanut farming, mango production, citrus, table grapes and cotton. Resource related issues included the economic impacts of weeds, cost benefit for post-entry quarantine facility options, Alice Springs effluent use for horticulture, irrigation costs and survey costs for eradication of grapevine leaf rust.

Economic information on agribusiness and infrastructure included agribusiness development in the Katherine Daly Basin and Adelaide River catchment, cattle enterprise developments in Philippines and the Northern Territory and cattle movements and road planning in the Northern Territory.

In the mining sector, economic information and advice was provided on the economic impacts of Floating Liquid Natural Gas versus on-shore gas-based manufacturing development in the Northern Territory. Other economic information provided included likely royalties in future phosphate mining, supply and demand for extractive minerals in the Darwin region, economic impact of the Tanami floods, effective taxation life on gas pipelines, local benefits of Laminaria and National Competition Policy reviews of the *Mining Act* and the *Petroleum Act*.

Economic impacts were identified for the proposed Extended Northern Territory Exploration Initiative.

Other information and advice was provided in relation to the proposed Arafura Timor Sea Marine Research Facility, the proposed Co-operative Research Centre for Desert Knowledge and living area exclusions in the Alice Springs region.

Formal expert witness evidence was provided on behalf of the Government in relation to Native Title issues and proposed rural development proposals at Timber Creek.

### **Domestic and International Trade Situation and Opportunities**

Two Business Guides were published during 2001-02, one about Indonesia and the other about East Timor. These were supported by five at-a-glance publications about Thailand, the Philippines, Indonesia, Malaysia and East Timor. In addition, the division prepared and presented detailed materials on the Northern Territory economy and trade performance to international and national visitors to the Northern Territory and in overseas markets.

## **International Political, Trade and Cultural Relationships**

The Northern Territory hosted a National Trade Consultations Ministerial Meeting in Darwin on 13 July 2001. The Federal Minister for Trade and Ministers from most other Australian jurisdictions attended the meeting and the accompanying events.

The Minister attended a further Ministerial meeting in Canberra on 4 April 2002. The focus of these meetings was on multilateral and bilateral trade liberalisation negotiations such as the World Trade Organisation Doha Round and the development of free trade agreements, including the proposed Australia-Singapore Free Trade Agreement.

The department sponsored the NT Export Awards, which were presented on 13 October 2001 at the MGM Grand Casino. The recipient of the Minister for Asian Relations and Trade's 2001 Award was the former Ambassador for the Philippines Her Excellency Mrs Delia Domingo-Albert.

## **Information Management Division**

The Information Management Division provides an integrated information management service to the department. The division delivers a range of services in information technology, corporate information, management of library services, communication, and marketing and management of the department's web.

### **Delivery of Information Management Services**

With the amalgamation of four agencies, the focus during the year for the Information Technology and Corporate Information Branches was on development and implementation of common systems and processes for information technology and information management. The key projects initiated were:

- implementing common systems and processes to manage corporate hardcopy and electronic information. This project will be completed in 2002-03;
- trialling a departmental moderated newsgroup to facilitate the sharing of information with the Northern Territory food industry;
- completing a review of the information technology infrastructure across the department and identifying priority projects for 2002-03;
- establishing mechanisms for consultation between the department and service providers to ensure smooth delivery of services;
- conducting information technology awareness sessions for departmental staff; and
- commencing amalgamation of the four former agency TRIM databases which contain information on hardcopy files. This project is due for completion in early 2002-03.

### **Marketing and Communication**

During the year, the Marketing and Communication Branch was responsible for developing and implementing a range of key initiatives. These included:

- providing support to all business units by developing and producing publications, advertisements, and displays for a diverse range of local, national and international events. A list is at Appendix 5;
- establishing a staff-only intranet in May 2002 to provide all department staff with access to a single and consistent set of corporate policies, staff contact information and corporate information resources. This included an induction website for new staff;
- launching an interim departmental website in April 2002 which established the entry point to consolidated web resources for business, primary industry and resource information in the Northern Territory;
- developing 126 PowerPoint presentations to support the marketing and promotional

efforts of senior departmental staff. All were burnt to CD and printed in flip chart hardcopy format. This included work on the Australia's Northern Territory PowerPoint project which was coordinated by OTD;

- appointing a Media Manager to assist in the dissemination of information to the community about the department's services and programs;
- developing and implementing of a new corporate style guide for use in departmental print and electronic materials;
- taking a lead role in organising corporate displays and functions at NT Expo 2002, the NT Show Circuit and regional Expos; and
- providing strategic advice on department communications and marketing directions.

## Regional Offices

The regional offices continued to deliver a full range of departmental services to regionally based Northern Territory businesses. The regional offices provided support to the primary industry, minerals and energy, business and trade development and strategic services programs.

Regional offices' reports include snapshots of the industry and business activities in their regions.

### Alice Springs

#### Primary Industries

Considerable areas of properties in the northern part of the Central Australian region were burnt out after winter in 2001. This was followed by good rainfall which produced useful new growth. However, the region again faces severe fire risk. In preparation, the Bush Fires Council held a Central Australian Fire Management workshop for stakeholders on 1 August 2001.

The pastoral industry in the region took advantage of good growing conditions and buoyant prices, with 25 000 cattle being sold through the Bohning Saleyards in eight sales during the 2001 calendar year. Sales were reduced in 2002 because of drought in the eastern states. The continuing uptake of the Pastoral Water Enhancement Scheme in 2001-02 increased investment in property development, and assisted management of natural resources and drought preparedness.

A tour of Arid Zone Research Institute (AZRI) by representatives of the Australian Poll Hereford Society coincided with a commercial trial in which steers from three properties were sent for short term finishing and marketing through the Hereford Prime meat brand. This initiative may lead to the development of a higher value market segment for regional cattle. One producer of Aberdeen Angus stock is accessing a similar niche market. An earlier trial on feedlotting and value added by the Central Australian Producer Action Group illustrated the importance of selecting stock to meet specific market specifications. A number of other marketing approaches are being tested with live exports as well as one producer converting to organic production and another to accreditation for access to the European Union. Department staff at the AZRI provided information and assisted with these industry initiatives.

The Southern Beef Producers Group is in the second year of a benchmarking project utilising the services of an interstate consultant, with the support of the FarmBis program delivered through the regional office. The office also supported a workshop on the breedcow/dynama decision support system presented by Queensland Department of Primary Industry staff.

The combined department/pastoral industry team reviewing the Northern Territory Drought Policy provided input to the Commonwealth reviews of Exceptional Circumstances and Farm Management Deposits in 2001-02.

The regional office continued to provide support to the Central Australian Camel Industry Association (CACIA), which achieved live camel sales for 2001-02 of more than 2500 head with a gross value of \$1.5 million. This is a ten-fold increase on the previous year. Confirmed contracts for 2002-03 indicate that live exports to Malaysia, Brunei Darussalam and the Middle East will double to at least 5000 head in 2002-03. This fits into the projected sustainable annual yield of at least 20 000 from Central Australia. Pastoralists and some Indigenous communities are responding to the recent market developments by trapping, domesticating and supplying camels for sale by CACIA.

Access to an export abattoir is important to further development of the camel industry. A Northern Territory Cattlemen's Association/DBIRD study of the options for value adding in the Northern Territory meat industries will commence in 2002-03. It will include an economic evaluation of a purpose designed modular mini-abattoir for processing multi-species.

AZRI is used as a camel depot and departmental staff take an active role in research, economic analysis, monitoring camel health and developing protocols for live trade and developing sustainable systems of co-grazing cattle and camels.

The Central Land Management Association (CLMA) is active in assisting pastoralists in Natural Resource Management. DBIRD is specifically assisting CLMA in the NHT-funded Centre Land Watch project, as well as in applications for funding to develop a regional best practice Natural Resource Management manual. DBIRD is a member of the Central Australian Committee to the Pastoral Land Board, which coordinates inputs to the pastoral industry from Northern Territory agencies.

The horticultural industry in Central Australia is based on more than 400 hectares of tablegrapes on six properties in the Ti Tree area. An NT Tablegrape Producers was formed in 2001-02. Expansion in tablegrapes has averaged 25% a year since 1995 and gross returns in 2001-02 were \$20 million. In addition, the region supports two date plantations and small-scale intensive horticultural production including hydroponic lettuce.

The Central Australian Horticultural Land and Water Committee coordinates Northern Territory Government agencies in identifying resources and recommending horticultural land release, including the need for infrastructure. The committee regularly consults with industry representatives including the Ti Tree Water Advisory Committee. Negotiations on native title issues continued in 2001-02 for new farms on Pine Hill Station. Three farm sites are being surveyed on Woodgreen Station to meet future demand.

Work on the first extensive horticultural development at Alice Springs commenced in 2001-02 with the planting of 40 hectares of tablegrapes 25km east of the town. Extensive land and water investigations indicate that at least another 300 hectares could be sustainably irrigated on the Undoolya pastoral lease.

DBIRD is the lead agency in assisting the Central Land Council with the Centrefarm project which is designed to identify and oversee horticulture project development for Indigenous people. The development of the Centrefarm project is a four-stage process that includes consultation with Indigenous landowners, preparation of business plans and a three-year strategic plan and establishment of the Centrefarm Corporation. Three stages have been completed and the final stage is due to commence in 2002-03.

Expressions of interest for the reuse of effluent water from Alice Springs for agriculture and horticulture were called in 2001-02 and are now being assessed. The Desert Knowledge Project aims to "create a thriving desert knowledge economy in Central Australia". Specific DBIRD inputs in 2001-02 included presenting a bushfood technical and marketing workshop. The initiative aims to make bush produce a significant marketable item in Central Australia, focussing on development of Indigenous communities. Support was provided to a joint venture between Reedy Creek nursery and the Tangentyre Council which successfully cultivated and harvested product from two Indigenous communities. Major DBIRD project planning and support was provided to a bid for a Desert Knowledge Cooperative Research Centre.



Visiting delegations to AZRI in 2001-02 included groups from Ethiopia, Namibia and Switzerland. Other international links through the desert knowledge project included a World Bank funded group from Mauritania.

A microbiology laboratory was established at AZRI to test potable waters from throughout Central Australia.

A draft masterplan for regional development of the Ti Tree Region was produced using consultants Network Australia and a cross agency steering committee chaired by DBIRD. Titled the Anmatjere Masterplan, it involved significant consultation with stakeholders and is designed to guide coordinated regional projects.

### **Business and Trade Development**

Small business workshops were held three times in Alice Springs in 2001-02. Each program consisted of five workshops from starting a business through to business planning. One hundred and twenty-one people attended the workshops, averaging eight people per workshop.

The Alice Springs TBC handled 6750 service inquiries throughout the reporting period. The following table outlines the method of service provided:

Table 24: Method of Service Provided by Alice Springs Territory Business Centre

<b>Service</b>	<b>2000-01</b>	<b>2001-02 *</b>
In person	2482	4266
Phone inquiries	1267	2321
Mail/fax	234	353
<b>Total</b>	<b>3983</b>	<b>6750</b>

\* NOTE - These figures are included in the Territory Business Centres report in the Business and Trade Development Group section.

The above figures include registration of 393 new business names and 81 inquiries through the Business Licensing Information Service.

More than 35 events were held in the region for OBM.

Six businesses were assisted through the Business Growth Program with subsidies totalling \$29 625.

Several forums and workshops were held throughout the year, including a forum on Public Liability Insurance and Capital Raising as well as a full day workshop on capital raising and involvement in Central Australian Expo.

Local industry participation in the Alice Springs to Darwin railway was facilitated by a designated project officer funded through the Commonwealth Government's Rail Reform Transition program. The project officer serviced both the Alice Springs and Tennant Creek regions. As at March 2002, approximately 750 contracts had been awarded to businesses in those regions.

Visits were also facilitated for the eBusiness unit and AusIndustry officers for potential clients in the region.

## **Katherine**

### **Primary Industries**

This year the live cattle trade continued its recovery from the 1998 export slump associated with the economic downturn in South-East Asia. As a result of healthy overseas and domestic demand, prices were at an unprecedented high with levels up to \$2.00 per kg. The overseas demand has continued unabated but because of drought and oversupply in the eastern states, domestic prices have fallen with a resultant depression in the overseas price.

While the Indonesian market is growing steadily the Philippines is slow to recover because of concerns about 'Mad Cow Disease' and the general safety of beef. The trade dispute between Australia and the Philippines in relation to the importation of fruit is also affecting the live cattle trade.

Seasonal conditions remain better than average in the Katherine and Victoria River Districts and the industry is enjoying a rare situation with good seasons coinciding with good prices. One area of concern for the region is the closure of the Katherine meatworks, which struggled to compete for cattle with the live trade. The meatworks opened for a short season in 2000 was unable to obtain assurances of supply for the 2001 season and the closure this year is a strong indication that it will remain closed.

Brigalow Dairy at Katherine was sold in late 2001 to the vertically-integrated live cattle company AustAsia, and has been converted into a depot facility where export cattle are prepared for shipping. The establishment of the facility is a significant addition to the Katherine region. The company is also rehabilitating idle cold room facilities to process horticultural produce from the region.

Another significant development for Katherine was the commitment by the Peanut Company of Australia to establish a peanut receival and peanut operation at Hickey's Farm. The cropping cycle in the Top End is counter-seasonal to southern growing areas and the move will give the company a more regular supply of peanuts as well as more efficient utilisation of machinery and facilities.

### **Business and Trade Development**

Katherine region businesses and primary producers accessed the department's range of business assistance programs during 2001-02. These programs include the Export Marketing Assistance Scheme, Business Growth, Fertiliser Freight Subsidy Scheme, Pastoral Water Enhancement Scheme and Farmbis. Recipients of assistance are listed at Appendix 4.

Ninety-three new business names were registered. There were 41 inquiries made through the Business Licensing Information Service.

Business Enterprise Centre Small Business Workshops were held throughout the financial year, with approximately five workshops each quarter. Approximately 140 people attended the workshops, with an average of seven people per workshop.

Twenty-two functions were held in Katherine held during October Business Month 2001.

The Katherine Business Expo was held in June 2002.

During the year, the Katherine TBC provided the following services:

Table 25: Services Provided by Katherine Territory Business Centre

<b>Service</b>	<b>2000-01</b>	<b>2001-02*</b>
In person	1392	743
Phone inquiries	1259	409
Mail/Fax	26	415
<b>Total</b>	<b>2677</b>	<b>1567</b>

\*NOTE - These figures are included in the Territory Business Centres report in the Business and Trade Development Group section.

## **Tennant Creek**

### **Primary Industries**

The Tennant Creek region experienced intensive bush fires during 2001-02 because of the excellent pastures that resulted from the previous two high summer rainfalls. Some properties in the southern part of the district experienced fires burning over as much as 80% of the lease. The high incidence of wildfires over the summer months prompted an increased interest in fire management on the black soil plains and led to development of the Barkly Landcare and Conservation Association Fire Working Group, which held its first workshop in March 2002. The workshop was attended by pastoralists and representatives from Indigenous organisations and government agencies. This group has developed a proposal for a NHT-funded project involving collaborative bushfire training and on ground demonstration burning for pasture management on black soil.

This year saw a dramatic decline in cattle prices and patchy seasonal conditions for the Tennant Creek region. Unusually, this year there was a large influx of cattle from Queensland, especially from the larger company-owned operations whose properties in Queensland were experiencing a very poor season.

A pastoral extension officer position was relocated from Alice Springs to Tennant Creek in 2001-02. That officer has also taken over the duties of editor of the quarterly Barkly Beef newsletter and was also instrumental in developing the highly successful Barkly herd management course, which was conducted for the first time in March 2002.

The Barkly Rangeland Management Course continued to be in popular demand and staff secured additional NHT funds to continue courses until the end of 2002.

Regional officers worked with the Barkly Landcare and Conservation Association to help develop an Indigenous native seed harvesting business on the Barkly Tablelands. The business involved the leasing of Landcare's seed harvester to the Connell's Lagoon Indigenous Community. In April and May 2002, 70kg of Bull Mitchell Grass and 400kg of Barley Mitchell Grass seed were harvested. Markets were found for all the seed, which resulted in break-even costs for the first year plus the accumulation of valuable knowledge.

The Barkly Research and Advisory Committee elected a new chairman in Ray Jansen, Manager, Helen Springs, and a new secretary in Andrew Doust, DBIRD, Tennant Creek.

Three of the district's major research and development projects, run by DBIRD in cooperation with the Australian Agricultural Company, Stanbroke Pastoral Company, the North Australian Pastoral Company and Meat and Livestock Australia, concluded field measurements and will have results published at the end of the year.

The Government endorsed the Barkly Blueprint project, which plans for future development of the region. One goal is to broaden the region's economic base by establishing large-scale horticulture ventures. Several committees in Central Australia are working towards this goal and the main obstacle is the availability of freehold land. The CLC's Centrefarm initiative will involve Indigenous landowners in developing the horticulture industry in Central Australia by brokering joint ventures on Indigenous land.

### **Business and Trade Development**

In 2001-02, customer contacts increased by 350% over 2000-01. This was the result of proactive work by departmental officers in building community awareness of the services delivered by the department. Work undertaken included assistance with local industry participation in the railway project and support with various business development issues.

The future outlook for the region is positive, with the commencement of the Peko Rehabilitation project and the possibility of gold mining recommencing.

### **Rural Women's Award**

The Northern Territory RIRDC Rural Women's Award for 2002 was presented to Kate Hadden, Environment and Heritage Officer for the Tiwi Land Council. Kate will use her bursary to study Inuit enterprises in Canada that are relevant to the Northern Territory Indigenous context.

# Corporate Services

## Human Resources Division

Following the amalgamation in November 2001, considerable human resources work has been completed to address both structural issues and operational human resource matters arising from the formation of DBIRD.

The service level agreement with DCIS for operational activities such as payroll, recruitment and workers' compensation has been renegotiated to improve service delivery and coordination.

The structure and services of the division were redefined and focussed on streamlining in-house service delivery, oversight of the delivery of outsourced functions, provision of high level strategic advice to management and resolution of the more complex human resources management issues.

### Employee Development Activities

The total agency expenditure on formal training activities in 2001-02 was \$886 000. Professional, management and information technology training were the main areas of activity.

Support was provided for managers to attend a range of high-level development activities including the study of postgraduate degrees, attendance at the Executive Development Program and the Public Sector Management Course. Support has also been provided for attendance on the Department of Defence's Defence and Industry Study Course senior development program.

A significant amount of general staff development occurred with the support of managers and previous agency staff development advisory committees. A new agency committee is being established.

Executive Management Board has endorsed a human resources strategy that includes the further development of supervisors and managers.

Six employees participated in the Public Sector Management Course this year and three participated in the Executive Development Program.

The department supported two business (office skills) apprentices, one in Alice Springs and one in Darwin, towards their Certificate III qualification.

One technical and one graduate trainee were also employed during the financial year.

The department supports a local Indigenous student in tertiary study through the Indigenous and Torres Strait Islander Cadetship program.

### Performance Management

Work commenced to better coordinate the various performance management systems that existed under various previous agency arrangements. A standardised process and format were produced for use across the agency.

## Occupational Health and Safety

An Occupational Health and Safety (OHS) Steering Committee was established. The steering committee's role is to ensure the implementation of the department's OHS management system, develop safety policies and programs and review accident, incident and workers compensation statistics.

The Management Board endorsed an OHS policy and an OHS Management System.

There are five workplace committees representing the Alice Springs, Tennant Creek, Katherine, Berrimah and Darwin offices.

## Equity and Diversity

The department has been active in addressing equity issues arising from the differing practices under previous arrangements. Policy and procedures have been established to standardise and introduce equity of application in the areas of recruitment and employee entitlements.

The department's Human Resources Strategy contains specific links to these policies and procedures.

Participation in the Indigenous and Torres Strait Islander (ATSI) Cadetship program also supports equal employment opportunity. It is envisaged a more detailed ATSI program will be developed upon release of the new Northern Territory Public Service Indigenous Employment and Career Development Strategy.

## Employee Assistance Program

The department maintained its support of staff through formal Employee Assistance Program arrangements and actively progressed negotiation of an improved contract for 2002-03.

## Staff Profile

At end of June 2002, there were 682 employees. The figures below illustrate the classification structure (with the majority in the technical, administrative and professional classifications) and the gender distribution across classifications.

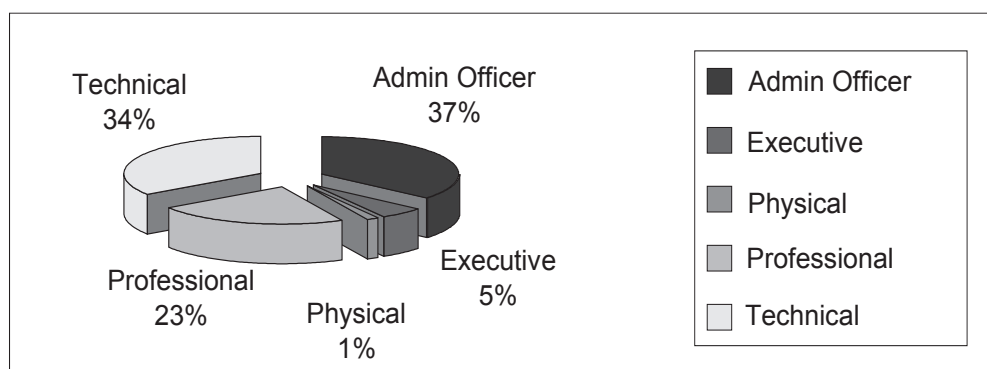


Figure 17: Classification Profile June 2002.

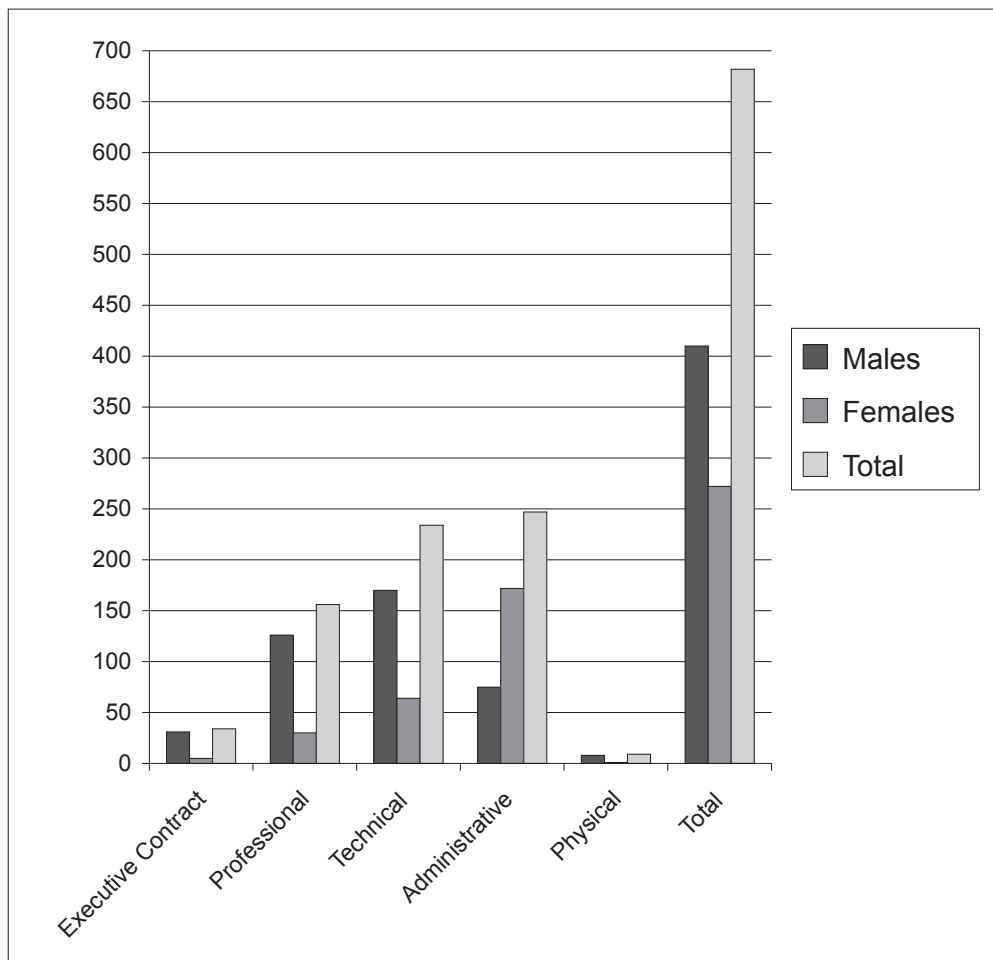


Figure 18: Employment Classification by Gender June 2002

## Finance and General Services Division

The focus of the Division during 2001-02 has been on the management of changes to administrative and corporate support arrangements necessary to accommodate the merging of the four former agencies into DBIRD. This included the management of an array of changes related to budgets, accommodation, policy and procedures and delegations.

One critical issue has been the management of the department's contribution to Government savings targets as announced in the mini budget. While the necessary savings have been achieved, the department faces a significant challenge in maintaining and improving its services and service delivery within an environment of financial constraint. The division will be providing assistance to managers.

The development of the new outputs based financial management structure for the department required considerable contribution from finance and general services officers. In addition, there has been substantial preparation required for the move to accrual accounting. This included the development of new ledger and reporting structures, the review of business processes and associated accounting treatments, and the capture of asset and liability information for inclusion in the new accrual financial management system.

The general services unit officers were also pivotal in planning and implementing the relocation of department staff.

# Financial Statements

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## Management Statement Letter

We certify that the accompanying statements have been prepared in accordance with the requirements of the *Financial Management Act* and Treasurer's Directions and in our opinion:

- proper records of all transactions affecting the department are kept and employees under my control observe the provisions of the *Financial Management Act*, the Financial Management Regulations and Treasurer's Directions;
- procedures within the agency afford proper internal control and a current description of such procedures is recorded in the Accounting and Property Manual which has been prepared in accordance with the requirements of the *Financial Management Act*;
- no indication of fraud, malpractice, major breach of legislation or delegation, major error in, or omission from the accounts or records exists;
- in accordance with the requirements of Section 15 of the *Financial Management Act*, the internal audit capacity available to the department is adequate and the results of internal audits have been reported to me;
- the financial statement included in the annual report have been prepared from proper accounts and records and is in accordance with Treasurer's Directions Part 2 Section 5; and
- all Employment Instructions issued by the Commissioner for Public Employment have been satisfied.



PHIL VIVIAN  
Chief Financial Officer  
(Principal Accounting Officer)



PETER BLAKE  
Chief Executive Officer  
(Accountable Officer)

## Expenditure by Functional Group

For year ended 30 June 2002

<b>Functional Area</b>	<b>Allocation</b>	<b>Expenditure</b>
	<b>\$000</b>	<b>\$000</b>
Corporate Management	8245	8244
Business Trade Development	10296	10273
Strategic Services	6974	6973
Primary Industry	31256	31091
Fisheries	5742	5736
Minerals and Energy	17769	17359
<b>TOTAL</b>	<b>80282</b>	<b>79676</b>

## Expenditure by Standard Classification

For year ended 30 June 2002

Category of Cost/Standard Classification	Actual Expenditure \$000
<b>Personnel Costs</b>	<b>38 963</b>
Salaries	33 389
Payroll Tax	2724
Fringe Benefits tax	348
Superannuation	2502
<b>Other Personnel Costs</b>	<b>5624</b>
Higher Duties Allowance	339
Leave Loading	372
Northern Territory Allowance	203
Other Allowances	805
Other Benefits paid by Employer	1261
Overtime	617
Penalty Payments	134
Perishable Freight Allowance	0
Recreation Leave Fares	491
Termination Payments	1042
Workers Compensation	360
<b>Operational Expenses/Expenditure</b>	<b>2039</b>
NT Government Repairs and Maintenance	0
Repairs and Maintenance for Recoverable Works	0
Property Maintenance	313
General Property Management	392
Power	1146
Water and Sewerage	188
<b>Other Operational Costs</b>	<b>25 944</b>
Advertising	297
Agent Service Arrangements	42
Aircraft/Boat expenses	390
Artworks	0
Audit Fees	14
Client Travel	41
Clothing	55
Communications	1247
Consultants fees	1858
Consumables/General Expenses	3221
Cross Border Patient Charges	0
Document Production	559
Energy	0
Entertainment (Hospitality)	124

<b>Category of Cost/Standard Classification</b>	<b>Actual Expenditure \$000</b>
Food	67
Freight	129
Furniture and Fittings	249
Information Technology Services	4997
Insurance Premiums	25
Laboratory Expenses	758
Legal Expenses	1148
Library Services	320
Marketing and Promotion	857
Medical Supplies	2
Membership and Subscriptions	86
Mobile Plant	209
Motor Vehicle Expenses	3103
Office Requisites and Stationery	237
Official Duty Fares	846
Other Plant and Equipment	992
Recruitment Expenses	137
Regulatory and Advisory Boards and Committees	107
Relocation Expenses	113
Survey, Drafting and Drilling Costs	2128
Training and Study Expenses	527
Travelling Allowance	1049
Bank Charges	10
Fees and Other Regulatory Charges	0
<b>Intrasector Payments</b>	<b>320</b>
Payments to the Northern Territory Government	0
Consolidated Revenue Account On-costs	320
<b>Capital Expenditure</b>	<b>441</b>
Land Acquisitions	0
Land and Building Acquisitions	0
Construction (works in progress)	0
Purchase of Capital Assets	441
Equity investments	0
<b>Grants and Subsidies</b>	<b>5951</b>
Grants	5458
Subsidies	493
<b>Interest</b>	<b>43</b>
Interest Expense	43
<b>Advances</b>	<b>351</b>
New Advances	60
Repayment of Advances	291
<b>Total Expenditure</b>	<b>79 676</b>

## Receipts by Account

For year ended 30 June 2002

<b>Consolidated Revenue Account</b>	<b>Estimated Receipts</b>	<b>Actual Receipts</b>
	<b>\$000</b>	<b>\$000</b>
<b>Fees and charges</b>	1403	792
Property income	1983	1724
Intrasector receipts	567	257
<b>Total consolidated revenue account</b>	<b>3953</b>	<b>2773</b>
<b>Operating Account</b>	<b>Estimated Receipts</b>	<b>Actual Receipts</b>
<b>Fees and charges</b>		
Other intrasector charges	388	583
Fees	255	399
Other charges	2179	2110
<b>Miscellaneous receipts</b>	1555	2086
Sale of other assets		9
Interest received	136	182
Advances received	977	1008
<b>Grants direct from Commonwealth</b>		
Specific current-purpose grants	2096	1948
Other grants direct from Commonwealth	3752	5747
<b>Other intrasector receipts</b>	48	46
GST control		279
<b>Total operating account receipts</b>	<b>11 386</b>	<b>14 397</b>
Transfers from consolidated revenue account	66 471	66 471
<b>Total receipts by agency operating account</b>	<b>77 857</b>	<b>80 868</b>

## Accountable Officers Trust Account

For the Year Ended 30 June 2002

<b>Nature of Trust Money</b>	<b>Opening Balances 1 July 2001</b>	<b>Receipts</b>	<b>Payments</b>	<b>Closing Balance 30 June 2002</b>
Cash Securities	1522	102	441	1183
Indiginous Land	749	1166	1140	775
Compensation Liabilities	29	90	1	118
Miscellaneous	89	11	80	20
CEO Awards	22	10	20	12
NTSC Levy	23	83	78	28
Barra Levy	180	0	0	180
Loan Security	0	84	84	0
BTEC loan repayments	0	176	154	22
<b>TOTAL</b>	<b>2614</b>	<b>1722</b>	<b>1998</b>	<b>2338</b>

## Write offs, Postponements and Waivers

For year ended 30 June 2002

Category	\$
<b>Write Offs, Postponements and Waivers Under the Act</b>	
<b>Amounts written off or waived by Delegated Officers</b>	
Irrecoverable money written off	4443.94
Losses or deficiencies of money written off	205.20
Value of public property written off	12 543.44
<b>Waiver of right to receive or recover money</b>	
<b>Amounts written off, postponed or waived by the Treasurer</b>	
Irrecoverable money written off	213 430.85
Losses or deficiencies of money written off	
Value of public property written off	
Postponement of money owing	180 000.00
Waiver of right to receive or recover money	
<b>Write Offs, Postponements and Waivers Authorised Under Other Legislation</b>	
<b>Amounts written off or waived by Delegated Officers</b>	
Losses or deficiencies of money written off	
<b>Total</b>	<b>410 623.43</b>

## Debtors

As at 30 June 2002

	External			Intrasector				Total
	Charges	Other	Total	Charges	Other	CSO	Total	
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
<b>Gross Debtors</b>	114	370	484	116	249		365	849
<b>Less:</b> provision for doubtful debts	60	68	128	18	1		19	147
<b>Net Debtors</b>	<b>54</b>	<b>302</b>	<b>356</b>	<b>98</b>	<b>248</b>		<b>346</b>	<b>702</b>
<b>Classified as:</b>								
Current	54	88	142	98	248		346	488
Non current								
<b>Net Debtors</b>	<b>54</b>	<b>88</b>	<b>142</b>	<b>98</b>	<b>248</b>		<b>346</b>	<b>488</b>



## Creditors and Accruals

As at 30 June 2002

	External			Internal			Total
	Creditors	Accruals	Total	Creditors	Accruals	Total	
	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Creditors and accruals	1346	986	2332	45	271	316	2648
<b>Classified as:</b>							
Current	1346	986	2332	45	271	316	2648
Non current							
<b>Total</b>	<b>1346</b>	<b>986</b>	<b>2332</b>	<b>45</b>	<b>271</b>	<b>316</b>	<b>2648</b>

## Employee Entitlements Outstanding

As at 30 June 2002

Entitlement	\$000
<b>Current</b>	
Recreation Leave	5818
Leave Loading	711
Long Service Leave	7062
<b>Non Current</b>	
Long Service Leave	841
<b>Total</b>	<b>14 432</b>

### Methodology

#### Recreation Leave

The value of recreation leave entitlements are calculated by PIPS based on employees' actual salaries and entitlements at 30 June 2002

#### Leave Loading

The value of leave loading entitlements are calculated by PIPS on employees' actual salaries and entitlements at 30 June 2002

#### Long Service Leave

Long Service entitlement is calculated in accordance with Australian Accounting Standard AAS30. The calculation takes into account the probability of employees reaching ten years of service, the future increases in salary costs and discount rates to achieve the net present value of the future liability.

## **Explanatory Notes**

### **Department of Business Industry and Resource Development**

#### **Note 1: Significant Accounting Policies**

The department is a unit of administration of the Northern Territory Government. All receipts and payments are made on behalf of the Government, which is responsible for liabilities incurred by the department.

#### **Basis of Accounting**

The accounting records have been kept on a cash basis and reflect monies paid or received during the financial year. The financial statements have been prepared in accordance with the requirements of Part 2 Section 5 of the Treasurer's Directions. The Northern Territory Government Accounting System is used for the recording of financial transactions.

#### **Accounting for Assets and Liabilities**

Departmental assets are recorded in the assets register at cost. As the department accounts on a cash basis, depreciation is not charged against assets.

There is currently no requirement for government departments to provide an annual statement of Assets and Liabilities.

#### **Note 2: Authority for Transactions**

##### **Receipts**

Receipts of public money are required to be credited to either the Consolidated Revenue Account or an Agency Operating Account as appropriate. Receipts are estimated at the time of preparation of the Northern Territory's annual budget. These estimates are adjusted during the year to take account of emerging trends.

##### **Payments**

Money shall not be committed for expenditure except by an Accountable Officer or by a person acting on the behalf of an Accountable Officer. The Accountable Officer shall not commit money for expenditure unless satisfied that, when payment in respect of the transaction falls due, there will be an allocation sufficient for the making of that payment. Allocations are authorised by the annual *Appropriation Act*, and include any variation in that amount authorised in accordance with the *Financial Management Act* or by any other Act. The balance of an annual Allocation unexpended at the end of the financial year shall lapse, unless carried forward approval is obtained.

#### **Note 3: Contingent Liabilities**

Where appropriate details of investments held in corporations, trusts, joint ventures or similar entities and contingent liabilities have been provided to Northern Territory Treasury in accordance with Treasurer's Directions Part 2 Section 4 for consideration in global reporting in the Treasurer's Annual Financial Statements.

#### **Note 4: Accountable Officers Trust Account**

The Accountable Officer's Trust Account is established in accordance with Section 7 of the *Financial Management Act* for the receipt and payment of monies held in trust. Trust monies are held on behalf of third parties and it is not intended that the department will be a beneficiary.

# Appendices

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## Appendix 1

### Acts Administered by the Department

- *Agricultural and Veterinary Chemicals (Northern Territory) Act*
- *Biological Control Act*
- *Brands Act*
- *Energy Pipelines Act*
- *Exotic Diseases (Animals) Compensation Act*
- *Fisheries Act*
- *Gas Pipelines Access (Northern Territory) Act*
- *Granites Exploration Agreement Ratification Act*
- *McArthur River Project Agreement Ratification Act*
- *Meat Industries Act*
- *Merlin Project Agreement Ratification Act*
- *Minerals (Acquisition) Act*
- *Mining Act*
- *Mining Management Act*
- *Mining (Gove Peninsula Nabalco Agreement) Act*
- *Mt Todd Project Agreement Ratification Act*
- *Northern Territory Products Symbol Act*
- *Oil Refinery Agreement Ratification Act (to be repealed)*
- *Petroleum Act*
- *Petroleum (Submerged Lands) Act*
- *Plant Diseases Control Act*
- *Poisons and Dangerous Drugs Act - Sec 52A(2) and (3) - Registrar of Pesticides*
- *Stock Diseases Act*
- *Stock Routes and Travelling Stock Act*
- *Stock (Control of Hormonal Growth Promotants) Act*
- *Validation (Mining Tenements) Act*
- *Veterinarians Act*
- *Weeds Management Act (to be transferred on 1 July 2002 to Department of Infrastructure, Planning and Environment)*

### Other Acts Impacting on the Department's Activities

- *Indigenous Land Rights (NT) Act 1976*
- *Indigenous and Torres Strait Islander Commission Act 1989*
- *Ashmore and Cartier Islands Acceptance Act 1933*
- *Atomic Energy Act 1953*
- *Coastal Waters (NT Powers) Act 1980*
- *Coastal Waters (NT Title) Act 1980*
- *Environment Protection (Impact of Proposals) Act 1974*
- *Minerals (Submerged Lands) Act 1922*
- *Native Title Act 1993*
- *Petroleum (Submerged Lands) Act 1967*
- *Seas and Submerged Lands Act 1979.*

## Appendix 2 New Legislation and Legislative Amendments and Repeals

### Meat Industries Amendment Act 2002

These amendments are intended to foster the small bait meat industry and protect human health by reducing the risk of unhygienic meat prepared for bait meat from entering the meat chain for human consumption or for pet meat. A green dye must be used to identify this category of meat. The amendments were passed in May 2002 and are due to commence in September 2002.

### Fisheries Amendment Act 2001

The amendments provide for the Minister to:

- vary the prescribed closure lines delineating the mouth of a river within the means of the Regulation
- vary the boundaries of any area for the taking of fish or aquatic life etc
- establish a license buy-back scheme for prescribed fishermen.

The amendments were passed in late 2001 and commenced soon afterwards.

### Energy Pipelines Amendment Act 2000

The amendments to the Act and the new Regulations commence on 1 July 2001. They include revised penalties for environmental infringements that are consistent with the provisions of the *Waste Management and Pollution Control Act* and allow for the necessary linkages to the *Environmental Offences and Penalties Act*. The opportunity was taken to upgrade and convert the previous monetary penalties to penalty units. Other amendments were necessary to clarify the interpretation of the Act and remove uncertainties surrounding the interpretation of various provisions.

### Weeds Act 2001

The new Act commenced on 1 July 2001.

### Mining Amendment Act 2001

Consequential amendments due to the commencement of the Mining Management Act that commenced on 1 January 2002.

### Mining Amendment Act 2002

Passed during June 2002 but has not come into effect.

### Mining Management Act 2001

The new Act and Regulations replacing the previous *Mine Management Act* commenced on 1 January 2002.

### Gas Pipelines Access (Northern Territory) Act

#### a) Certification of the NT Access Regime

The certification process conducted by the NCC is necessary to determine if the local access regime is 'effective' (or complies with the requirements) under the *Trade Practices Act*. The process took nine months and was completed in October 2002 with the Commonwealth Minister accepting the NCC recommendation to approve the Northern Territory regime.

#### b) Regulations

Energy Ministers approved the Regulations and they were gazetted in the South Australian Gazette.

c) Third Amending Agreement (Regulation 8)

Energy Ministers approved the change dealing with Regulation 8 Across Period Incentives. The amendment commenced in November 2001 following notification in the South Australian Government Gazette (as the lead legislator).

d) Fourth Amending Agreement

Energy Ministers approved the changes proposed in the Agreement involving a series of amendments to the Access Code, the Access Law and Regulations. These changes were developed after extensive public consultation and involvement of all stakeholders. They cover queuing policy; spare capacity registers; Regulation 1 and 2; the point at which a Right of Appeal arises; and the civil penalty provisions of sections 7.20 and 7.21 of the Code. The changes are yet to be passed by the South Australia Parliament (as lead legislator).

e) Fifth Amending Agreement

Energy Ministers approved the amendment to section 8.36 of the Access Code. The Code changes provide for greater certainty to service providers and regulators by specifying that non-capital costs may include the cost of marketing activities associated with increasing the long-term demand for gas.

### **Statute Law Revision Act 2001**

Included in this Act was a minor amendment to the definition of pipeline in the Energy Pipelines Act.

### **Statute Law Revision Act 2002**

Included in this Act were two minor amendments to the Fisheries Regulations and Petroleum Act.

### **National Gas Pipelines Advisory Committee (NGPAC)**

The NGPAC is established under the Inter-government Agreement dealing with gas market reform. Its role is to administer and review the operations of the Gas Access Code, to consider and recommend to Ministers changes to the Code. The NGPAC comprises an independent Chair, the Code Registrar, and representative of the public and private sectors. During the course of the year three meetings were held and a series of amendments to the Code were recommended to Energy Ministers for approval.

### **Competition Policy Legislative Reviews**

The National Competition Principles Agreement, signed by all Governments at the Council of Australian Governments (COAG) meeting in April 1995, committed each jurisdiction to develop a program for the review of all legislation, which might restrict competition. Only those restrictions that can be justified in the public interest should be retained on the context of:

Clause 5(1) of the Competition Principles Agreement, for which the guiding principle is that,

“Legislation should not restrict competition unless it can be demonstrated that:

- (a) *the benefit of the restriction to the community as a whole outweigh the costs; and*
- (b) *the objective of the legislation can only be obtained by restricting competition”.*

It is significant to note that both of the criteria listed above are required to be satisfied if the restriction(s) are to be retained.

Competition legislative review of the *Mining Management Act* was completed and signed off by Government.

Other legislation currently being reviewed includes:

- Petroleum Act
- Mining Act
- Merlin Project Agreement Act
- Fisheries Act.

## **Legislation Repealed**

### **Mine Management Act**

The Act was repealed as a consequence of the introduction of the new *Mining Management Act*.

### **Uranium Mining (Environment Control) Act**

The Act was repealed with the introduction of the new *Mining Management Act*.

### **Oil Refinery Ratification Agreement Act Repeal**

The repeal was recommended after a national competition review of the Act found that while not particularly anti-competitive the 20 year-old statute was incompatible with modern competition principles and no longer relevant. The repeal was passed in June 2002 but has not come into effect.



## Appendix 3 Membership of Statutory and Non-Statutory Bodies

### Business and Trade Development

Non statutory:

- Business Promotions (NT) Pty Ltd;

### Fisheries

Statutory Committees and Boards:

- Coastal Line Fishery Management Advisory Committee
- Cobourg Marine Park Fishery Management Committee
- Demersal Fishery Management Advisory Committee
- NT Barramundi Fishery Management Advisory Committee
- NT Fishing Industry Research and Development Committee
- NT Mud Crab Fishery Management Advisory Committee
- NT Pearling Industry Advisory Committee
- NT Spanish Mackerel Fishery Management Committee
- Shark Fishery Management Advisory Committee
- Timor Reef Fishery Management Advisory Committee

Non statutory:

- Alligator Rivers Region Advisory Committee
- Alligator Rivers Region Technical Committee
- Anindilyakwa Consultative Committee
- Beagle Gulf Fisheries Committee
- Northern Territory Fisheries Development Committee
- Northern Territory Fisheries Forum
- Fisheries Research Advisory Board
- Manbuynga Ga Rulyapa Fisheries Consultation Committee
- Mangalpu Fisheries Committee
- Numburindi Fisheries Committee
- Territory Aquaculture Development Advisory Committee
- Tiwi Coastal Waters Consultative Committee
- Wurrahaliba Fisheries Committee

### Minerals and Energy

Statutory Committees and Boards:

- Fuel Emergency Advisory Committee
- Mining Board of the NT

Non statutory:

- Indigenous Mining and Enterprise Task Force
- Extractive Industry Advisory Forum

### Primary Industry

Statutory committees and Boards:

- Katherine Regional Weeds Advisory Committee
- Veterinary Board of the Northern Territory

Non statutory:

- Alice Springs Pastoral Industry Advisory Committee (incorporating Central Australia Beef Research Committee)
- Barkly (pastoral) Research and Advisory Committee
- Central Australian Camel Industry Association Inc

- Horticulture Advisory Committee
- Katherine Pastoral Industry Advisory Committee (incorporating Katherine Regional Beef Research Committee)
- Mimosa Management Committee
- Northern Pastoral Advisory Committee
- Northern Territory Drought Committee
- NT Farmbis Planning Group
- Northern Territory Herbage Plant Liaison Committee
- Quarantine Import/Export Advisory Committee

### **Strategic Services**

Non statutory:

- Joint Policy Committee – NT Working Party (NT/Indonesia)
- QANTM Australian CMC Pty Ltd

## Appendix 4 Financial Assistance to Industry

Industry Association Grants	\$	\$	\$	\$
	Previously approved and expended 2001-02	Approved and expended 2001-02	Approved for future years	Total
Amateur Fishermen's Association of the Northern Territory		85 000	285 000	370 000
ASEA Rehabilitation Inc	40 000			40 000
Business Enterprise Centre Inc	93 710			93 710
Central Australia Camel Industry Association Inc		165 600		165 600
Co-operative Research Centre Alternative Energy	100 000			100 000
Lawasia		25 000	100 000	125 000
Motor Trades Association (NT) Inc	60 000			60 000
NT Chamber of Commerce and Industry	267 118			267 118
NT Buffalo Industry Council Incorporated			75 000	75 000
NT Horticultural Association		65 000		65 000
Northern Territory Industry Search and Opportunities Office	530 000			530 000
NT Information Industry Association	40 000			40 000
NT Irrigation, Grain and Fodder Producers Association Inc		141 500		141 500
NT Livestock Exporters Association Inc		65 000		65 000
Territory Construction Association	65 000			65 000
Welding Technology Institute of Australia	50 000			50 000
<b>Total expenditure and future commitments</b>	<b>1 245 828</b>	<b>547 100</b>	<b>460 000</b>	<b>2 252 928</b>

<b>Industry Development Grants</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
	<b>Previously approved and expended 2001-02</b>	<b>Approved and expended 2001-02</b>	<b>Approved for future years</b>	<b>Total</b>
Biofuels Corporation Limited		20 000		20 000
Capiteq Ltd			20 000	20 000
Capricornia Mining and Resources Pty Ltd	50 000			50 000
Iranda Pty Ltd	40 000			40 000
Komae Solutions Engineering			38 500	38 500
Pivot Acquaculture	18 925			18 925
Rocca Farming (NT)	16 000			16 000
Top Headers Pty Ltd		7 543	15 087	22 630
Upstream Petroleum	92 453			92 453
<b>Total expenditure and future commitments</b>	<b>217 378</b>	<b>27 543</b>	<b>73 587</b>	<b>318 508</b>

<b>Territory Business Awards</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
	<b>Previously approved and expended 2001-02</b>	<b>Approved and expended 2001-02</b>	<b>Approved for future years</b>	<b>Total</b>
Business Women's Award-Chief Minister Award 2001		5000		5000
Chief Minister Youth in Business Award 2001		5000		5000
Darwin Business Association Awards 2001		5000		5000
NT Fashion Awards			15 000	15 000
NTU Faculty of Industrial Education Prizegiving 2001 and 2002		2000		2000
Telstra Small Business Awards 2002		18 182		18 182
Youth in Business Award 2001		5000		5000
<b>Total expenditure and future commitments</b>	<b>0</b>	<b>40 182</b>	<b>15 000</b>	<b>55 182</b>

<b>Sponsorship</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
	<b>Previously approved and expended 2001-02</b>	<b>Approved and expended 2001-02</b>	<b>Approved for future years</b>	<b>Total</b>
Australian Barramundi Farmers Association	1500	1500		3000
Australian Culinary Federation - NT Chapter	5000			5000
Australian Institute of Company Directors	3000		12 000	15 000
Australian Property Institute Inc		500		500
Business Professional Women's Group		909		909
CPA Australia		9000		9000
Northern Territory University School of Fashion Studies		500		500
Palmerston Regional Business Association	20 000		20 000	40 000
Royal Agricultural Society of the Northern Territory		7100		7100
Taste of the Territory		5000		5000
Top End International Trade Fair			1000	1000
<b>Total expenditure and future commitments</b>	<b>29 500</b>	<b>24 509</b>	<b>33 000</b>	<b>87 009</b>

<b>Export Marketing Assistance Scheme</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
	<b>Previously approved and expended 2001-02</b>	<b>Approved and expended 2001-02</b>	<b>Approved for future years</b>	<b>Total</b>
32 30 Farms		2011		2011
Acacia Hills Farm Pty Ltd		2085		2085
Airesearch Mapping Pty Ltd	1171	1641		2812
Ark Mangoes Pty Ltd		1007		1007
Asianaustral Management Advice		1359		1359
Australian Flower Exports		1906		1906
Betapave Pty Ltd		2412		2412
Brookes Australia Tours		3979		3979
Capral Aluminium		1367		1367
Colton Park Trading Pty Ltd		2688	4600	7288
Darwin Inspection and Testing Service (Northern Territory) Pty Ltd			1508	1508
Delta Electrics NT Pty Ltd		3618		3618
Environmental Health Services (Asia) Pty Ltd		4021	5251	9272
Exotic Tropical Flowers		2706		2706
GecOz Pty Ltd		6634		6634
Geminex Northern Territory			2033	2033
Gibson Peninsula Holdings Pty Ltd		1029		1029
H2O Solutions (Australasia) Pty Ltd		390	366	756
iLive Learning Pty Ltd		5701		5701
Jabiru Tropical Orchards		1928		1928
Jayhak Foods		4039		4039
Lake Bennett Wilderness Resort		6958		6958
Martin Walker Marketing Pty Ltd		3041		3041
Mintech Chemical Industries Pty Ltd		1332		1332
Moeco Pty Ltd			1143	1143
Myriad Group	2175			2175
NT Glazing Consultants		847		847
Odyssey Safaris Pty Ltd		7538		7538
Powercorp Pty Ltd		6568		6568
Reman Engineering Pty Ltd		5298		5298
Rocca Farming (NT)	400	5322		5722
Sea King Seafood Supplies Pty Ltd		9651		9651
Skinny Fish Music		3114		3114
Stratos Communications (Australia) Pty Ltd		4976		4976
Thai Links		1774		1774
Tropical Flowers Australia		2994		2994
Win-Asia Marketing Services		1548		1548
<b>Total expenditure and future commitments</b>	<b>3746</b>	<b>111 482</b>	<b>14 901</b>	<b>130 129</b>

<b>Business Growth</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
	<b>Previously approved and expended 2001-02</b>	<b>Approved and expended 2001-02</b>	<b>Approved for future years</b>	<b>Total</b>
Advanced Rotomoulding Technology		8800		8800
Adventure Tours Australia Pty Ltd		5170		5170
Air and Gas Systems Pty Ltd	5516			5516
AKS Welding and Fabrication Pty Ltd		3500		3500
Alice Coffee Services Pty Ltd	3000			3000
Alice Springs Posiatry Surgery	3000			3000
Asset Management Systems		3300		3300
Australian Barramundi Culture Pty Ltd		3500		3500
Australian Crocodile Products Pty Ltd		10 000		10 000
Bellette Media Pty Ltd		3500		3500
Best Practice Skills		7150	2850	10 000
Blaine Pty Ltd			3500	3500
Colton Park Trading Pty Ltd			3500	3500
Conway Burnval Wholesalers		12 850	650	13 500
Darwin Kitchens and Cabinets	3500			3500
Darwin Occupational Therapy Clinic	3750			3750
Dolwave Pty Ltd t/as Geminex		13 500		13 500
Ec Oz Environmental Services		5500		5500
Jel Holdings Pty Ltd		1000		1000
Katherine Small Engines	5000			5000
Kaljiti Arts and Crafts Association and Ernabella Arts Inc	5500			
Manufacturers Council	4700			4700
MBY Carpentry and Construction Pty Ltd		3500		3500
Medical Equipment Management Australia	6605			6605
Mindil Beach Sunset Market Assoc Inc		3500		3500
National Safety Council (NT)		10 000		10 000
Night N Day Autocare	3500			3500
Parajo Green Farm Pty Ltd		3500		3500
Rapid Pest Control	3036			3036
Remote Australia Pty Ltd	10 000			10 000
Ross Engineering Pty Ltd	6625			6625
Seaking Seafood Supplies Pty Ltd		3500		3500
Shorelands Pty Ltd	3750			3750



<b>Business Growth</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
	<b>Previously approved and expended 2001-02</b>	<b>Approved and expended 2001-02</b>	<b>Approved for future years</b>	<b>Total</b>
Top End Line Markers			3500	3500
Tracks Incorporated			10 000	10 000
Trans Territory Foods	9679			9679
Transglobal Marketing			3500	3500
Yothu Yindi Foundation	5000			5000
Waikan Employment and Training Services Pty Ltd	3300			
<b>Total expenditure and future commitments</b>	<b>85 460</b>	<b>101 770</b>	<b>27 500</b>	<b>205 931</b>

	\$
<b>FarmBis</b>	<b>Amount</b>
A Haines	1759
A Trier	488
APN P/L	2336
Ark Mangoes	750
Austasia Export	1796
Australian Fresh Mango	12000
Auus-Qual Ltd	4613
B Angel	994
B James	898
B Kraft	596
Baines River Cattle Co	2123
C James	898
C Jettner	102
C Lines	807
C Owens	259
Capag P/L	1159
Caroomba P/L	464
Consolidated Pastoral Co	2044
D Watson	1200
DA and J and M Williams	1963
Department of Business, Industry and Resource Development	11247*
Frangipani Farm	170
G Bengier	1401
G Faulks	750
G Mellor	1496
Greening Australia	4980
Heytesbury Beef Pastoral Co	1937
Holmes Sackett	5800
I Golding	2550
Inland Nursery	1313
Inverway Station	1833
J Hannon	150
J Large	239
J Lay	557
J Mackay	1500
J O'Kane	4219
J Smith	150
Jabiru Human Resource Services	1500
K Aurthur	205
K Cowan	102
K Holzwardt	1041
K Mackay	1034

\* PROVISION OF PLANNING AND FACILITATION SERVICES

	\$
<b>FarmBis</b>	<b>Amount</b>
K McKay	488
Kerala P/L	13969
L Armstrong	904
Labelle Downs Cattle Co	3811
Letaba Crocodile Farm	3691
M Doyle	845
M Maclean	949
M Riggs	488
M Townsend	488
Mainoru Station	2268
Narwietooma Pastoral Co	1866
New Fishing Australia	150
Newry Station	338
NT Cattlemen's Association	5002
NT Cut Flower Association	1986
NT Mango Association	2270
NT Treasury	470
NTIGFPA	3372
P Delis	1096
P Kelly	904
Pearl Oyster Prop	300
Qld DPI	3636
Quick Solutions	1432
R Barber	842
R Bell	969
R Miliado	201
R Peatling	1023
R Sullivan	1175
Riverin Station	2268
Roper River Landcare	2790
S Craig	2000
S Lunney	2250
S Matthews	150
Seaking Food	1849
Seaking Seafood	1534
Street Ryan	1118
T Fitzgerald	102
T William	580
Tieynon Pastoral Co	2581
W Fordham	3834
Women in Agriculture	247
<b>Total expenditure</b>	<b>157 652</b>

<b>Fertiliser Freight</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Claimant</b>	<b>Expenditure</b>	<b>Claimant</b>	<b>Expenditure</b>
Acacia Hills Farm	2051	Morrow B and J	110
Annaburroo station	1320	Myandra Tropical Produce	640
Aquamill Maintenance P/L	165	N T J and M	858
Austasia Export Services	5500	Nguyen Dao Thi	1379
B and E Cattle Co.	5500	Nguyen N and Vui V	659
Ballongilly Farms	2596	NT Construction Accounting Services	1129
Bang T and Nguyen K	325	NT Garden Produce	128
Berry Creek Orchards	1268	NT Quality Hay P/L	990
Blackmore River Produce	336	Parker D and M	935
Bonalbo Pastoral Enterprises	3960	Pham T N and Nguyen T N	743
Boots'n All Mangoes	205	Pham V T and Nguyen T L T	2557
Buntine P	532	Phich and Hien Magoes	506
Caddy P	696	Phoenix Management	13 640
Colton Park Trading	803	Plant Investments	4145
Coorumbene Producers	873	Power Horticulture	1722
Craigburn Farm	488	Quality Forage Peanut	560
Damaroa Farms P/L	212	Redgum Produce	113
Dodd R and N	584	Reed W and H	195
Etty John	719	Rocktear Pty Ltd	880
Fantome Pty Ltd	364	Saigon Farm	601
Forsbrook Traders	891	Stanley R G	1676
Golding I and M	563	Stray Creek Cattle Station	1320
Green Season Fruit Farm	1323	Suncode Pty Ltd	5280
Gusher P/L	531	Surelines Produce	2172
Hart Rural Contractors	1650	Swart Produce Farm	1678
Howard River Mangoes	436	Sylvatech Australia	7700
Howie SD and AW and Sons	3520	TAAU Australia P/L	5679
Hugh River Holdings	1815	Tarrimoor Produce	608
Humpty Doo Mangoes	267	TB Hill Family Trust	877
J and J Veges	443	Territory Lettuce	368
Jabiru Tropical Orchards	418	Thompson GS and Mitchell M	660
Jindare Station	1100	TNC Campbell	4227
Joh-Mar Farms	427	Top Banana's	16 500
Kensington Plantation	272	Tou's Garden	594
Labasheeda Park	410	Trembath Family Trust	138
Lee TT	1561	Tri Vu Mangoes	650

<b>Fertiliser Freight</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Claimant</b>	<b>Expenditure</b>	<b>Claimant</b>	<b>Expenditure</b>
Manbulloo Mangoes	16 500	Tropical Grafting Services	1027
Maneroo Cattle Co	2640	Tumbling Waters Mangoes and Mud Crabs	620
Martam Enterprises	259	Uttley Family Trust	220
McLeod P and T	397	Vella Farmlands	1650
McMinns Park	550	VN Mango and Vegetable Prod	3391
Middle Point Farm	4070	Whatley Chris	165
Milkwood Farm	2035	Whites Pastoral Partnership	2442
Milkwood Tropical Orchards	262	William Terrence	4464
Millinocket Pty Ltd	2692	Williams DA and J and MJ	14 141
<b>Sub total</b>	<b>73 527</b>	<b>Total program expenditure:</b>	<b>184 262</b>

<b>Pastoral Water Enhancement Scheme</b>	<b>\$</b>
	<b>Paid</b>
E J Fogarty	10 000
Malwa Nominees	10 000
Whites Pastoral Co	10 000
Harding Pastoral Co	10 000
B Lester and P Howie	10 000
J and P Westaway	10 000
Larsen Contracting	10 000
W Bright	10 000
B Uttley	5562
W Tapp	10 000
H Schimmel	7708
K Kimlin	4695
S and R Bloomfield	10 000
P Reid	10 000
G Riggs	10 000
Bulwaddy Pastoral Co	10 000
Bonalbo Pastoral Enterprises	30 000
<b>Total expenditure</b>	<b>177 965</b>

<b>Primary Industry Grants</b>	<b>\$</b>
<b>Expenditure drawdowns</b>	<b>Paid</b>
NT Horticultural Association	130 000.00
Tropical Savannas CRC	17 000.00
Jawoyn Association Katherine	40 000.00
Australian Nuffield Farming Scholars Association	18 000.00
Rocca Farming NT	20 000.00
Plant Investments Pty Ltd	100 000.00
CSIRO	500 000.00
CSIRO	176 000.00
CSIRO	262 375.00
NT Seafood Council*	170 000.00
<b>Total expenditure (to p/e 31/5/02)</b>	<b>1 433 375.00</b>

\* funded from  
Commercial Fishing  
Licence Fees

<b>Weeds Herbicide Subsidies</b>	<b>\$</b>
<b>Expenditure drawdowns</b>	<b>Paid</b>
Andre Scarton	78.50
B N Whatley	62.01
Bonalbo Pastoral Enterprises	2645.00
BW and JA Morrow	685.00
Channel Cattle Co (Beetaloo Station)	5000.00
Channel Cattle Co (Mungabroom Station)	5000.00
D A Weir Pty Ltd	3316.00
DA and MJ Williams	2444.94
Diamond Livestock Contractors P/L	497.25
Fergal O'Gara	411.50
Florina Pastoral P/L	470.45
Helmut Schimmel	684.00
Henry Townsend (La Belle Downs)	4560.50
Heytesbury Beef (Anthony Lagoon Station)	4155.00
Heytesbury Beef (Eva Downs Station)	1830.00
J F Pfitzner	358.53
Mallapunyah Springs Pty Ltd	261.23
NT Quality Hay and Contracting P/L	563.40
P Gazey	159.10
Riggs, HE and LA	55.00
Ruby Downs Pty Ltd	4413.00
Stranbroke Pastoral Co (Dalmore Downs Station)	2500.00
Stranbroke Pastoral Co (Alroy Downs Station)	2500.00
Stranbroke Pastoral Co (Alroy Downs Station)	2500.00
Stranbroke Pastoral Co (Banka Banka Station)	3923.64
Stranbroke Pastoral Co (Dalmore Downs Station)	2500.00
Stranbroke Pastoral Co (Helen Springs Station)	4408.00
T Leigh	2055.00
TD Higgins	54.00
WH and EJ Doyle	5000.00
<b>Total expenditure</b>	<b>63 091.05</b>



<b>Weed Management Assistance Scheme</b>	<b>\$</b>
<b>Expenditure drawdowns</b>	<b>Paid</b>
La Belle Downs Pty Ltd - La Belle Downs	25 437.00
Australasian Farms Pty Ltd - Australasian Farms	20 557.25
Gregory J Phillips - Lot 111 and 112, Hundred of Playford	1385.05
Welltree Station	38 840.19
Input Pty Ltd - Finniss River Station	9834.42
Woolner Station	22 595.48
Twin Hill Indigenous Corporation - Twin Hill Station	4835.75
Norbuilt Properties - Annaburroo Station	6119.64
Victoria River Downs	4160.00
Paspaley Pearls Properties - Melaleuca Station	77 796.18
Limpine Pty Ltd - Tortilla Farm	15 278.50
Whites Pastoral Partnership - Mt Keppler Station	2660.10
Whites Pastoral Partnership - Mt Keppler Station	15 950.44
<b>Total expenditure</b>	<b>245 450.00</b>

## Appendix 5 Department Promotional Displays, Campaigns and Publications

- 2001 Northern Territory Show Circuit
- Northern Territory Expo 2001
- Northern Territory Regional Outlook Conference
- October Business Month 2001
- Economic Development Summit
- National Consumer Day
- Northern Territory Export Awards
- Minister's Recognition Awards in Resource Development
- Inaugural Northern Territory Oil and Gas Expo - Darwin.
- Carpentaria Mineral Province Expo at Mt Isa
- Science Week
- Marrara Boat and Motor Show
- Garden Spectacular
- Central Australian Expo
- Katherine Expo
- Northern Territory Safe Expo
- Northern Territory Youth Expo
- World Congress on Information Technology
- Alternative Dispute Resolution Seminar
- Northern Territory Library (permanent display)
- Property Council Conference
- Children's Week
- Mining Supply and Service Seminar, August 2001
- Defence + Industry Conference, Canberra 2002

### International Displays

- Food, Hotel Asia 2002, Singapore
- Mining Indonesia, Jakarta
- Indonesian, Petroleum Association Exhibition, Jakarta, February 2002
- Defence Services Asia, Kuala Lumpur, April 2002

### Events and Campaigns

- The Indigenous Mining Enterprise Task Force (IMETF) Expo
- The CEO's Annual Staff Award
- The Minister's Award for Contribution to the Development of Primary Industries and Fisheries in the Northern Territory
- Value For Money campaign
- Electrical Safety multi-media campaign
- Renewable Energy Rebate Program multi media campaign
- Multimedia campaign in conjunction with the Office of Territory Development to obtain opinions on gas developments in the Darwin region
- Alice in Ten Mining Service Centre project

### Publications Produced

(includes brochures, flyers, booklets, reports and fact sheets)

- Farmbis Brochure
- Water Quality Monitoring Report
- 2000-01 Annual Report
- Primary Produce brochure
- October Business Month seminar series promoted across all regional areas

- International Business Forum flyer
- Asian Trade and Investment Opportunities Seminar booklet
- Major Projects Directory
- Steps to Exporting brochure
- Business Guide to East Timor
- Business Guide to Indonesia
- Department of Mines and Energy services and activities flyer
- Focussing on Development flyer
- Renewable Energy Rebate Program flyer
- Doing Business with the Mining and Petroleum Industry in Central Australia flyer
- Operations and Service Base information sheet
- Darwin Building a Better Supply and Service Solution information sheet
- Darwin's Industrial Capability flyer
- Mine Management Act brochure
- Market Smart Quarterly publication
- eBusiness flyers
- Tourism Regional Plans brochures
- Industry and Business fact sheets
- Pine Creek Tourism Strategy
- Electrical Safety brochure
- Business Women's Consultative Council publication
- Indigenous Guide To Business
- Training Seminar Quarterly calendar
- Delegates Booklets for Off-Shore Europe, Aberdeen, September 2001

## Appendix 6

### NTGS Text/Digital Publications and Maps, 2001-02

Abbott ST, Sweet IP, Plumb KA, Young DN, Cutovinos A, Ferenczi PA, Brakel A and Pietsch BA, 2001. Roper Region-Urapunga and Roper River Special, Northern Territory (Second Edition). 1: 250 000 geological map series explanatory notes, SD/53-10, 11. Northern Territory Geological Survey, Darwin and Geoscience Australia, Canberra (National Geoscience Mapping Accord).

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Ambrose GJ, Liu K and Deighton I, 2001. New petroleum models in the Pedirka Basin, Northern Territory, Australia. APPEA Journal 41 (1), 139-163.

Bentley C, 2001. MODAT database. Northern Territory Geological Survey, Digital Information Package DIP 003.

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Edgoose CJ, Close DF, Stewart AJ and Duncan N, 2002. *Umbeera, Northern Territory. 1:100 000 geological map series explanatory notes, 5646*. Northern Territory Geological Survey, Darwin and Geoscience Australia, Canberra (National Geoscience Mapping Accord).

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Hussey KJ, Beier PR, Crispe AJ, Donnellan N and Kruse PD, 2001. *Helen Springs, Northern Territory. 1:250 000 geological map series explanatory notes, SE53-10 (Second Edition)*. Northern Territory Geological Survey, Darwin.

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Scrimgeour I and Raith J, 2001. Tectonic and thermal events in the Northeastern Arunta Province. *Northern Territory Geological Survey, Report 12*.

Smith J, 2001. Summary of results. Joint NTGS-AGSO age determination program 1999-2001. *Northern Territory Geological Survey, Record 2001-007*.

Sweet I, 2001. The geology of the McArthur Basin in the Mount Evelyn 1:250 000 sheet area, Northern Territory. *Northern Territory Geological Survey, Record 2001-010*.

Wygralak AS and Mernagh TP, 2001. Gold mineralisation of the Tanami region. *Northern Territory Geological Survey, Record 2001-011*.

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## Appendix 7 Acronyms

AAPG	American Association of Petroleum Geologists
ABS	Australian Bureau of Statistics
AEGS	Annual Geoscience Exploration Seminar
AFFA	Agriculture, Forestry and Fisheries Australia
AGSO	Australian Geological Survey Organisation
AICAR	Australian Centre of International Agricultural Research
AQIS	Australian Quarantine and Inspection Service
AMS	Asset Management Services
ANZSIC	Australia New Zealand Standard Industry Classifications
APA	Accredited Production Areas
APPEA	Australian Petroleum Production and Exploration Association
ASEAN	Association of South East Asian Nations
ATSI	Indigenous and Torres Strait Islander
AZRI	Arid Zone Research Institute
BARC	Berrimah Agriculture Research Centre
BEC	Business Enterprise Centre
BIMP-EAGA	Brunei-Indonesia-Malaysia-Philippines East ASEAN Growth Area
BLIS	Business Licensing Information Service
BVL	Berrimah Veterinary Laboratory
CACIA	Central Australian Camel Industry Association
CEDP	Cultural Enterprise Development Program
CEO	Chief Executive Officer
CLC	Central Land Council
CLMA	Centralian Land Management Association
COAG	Council of Australian Governments
COMET	Commercialising Emerging Technologies
CRC	Cooperative Research Centre
DBIRD	Department of Business Industry and Resource Development
DDRF	Douglas Daly Research Farm
DIPE	Department of Infrastructure, Planning and Environment
DIP	Digital Information Package
DPIF	Department of Primary Industry and Fisheries
DCIS	Department of Corporate and Information Services
DLPE	Department of Lands Planning and Environment
EMAS	Export Marketing Assistance Scheme
FRDC	Fisheries Research and Development Corporation
GVP	Gross Value of Production
IABC	Indonesia Australia Business Council
ICA	Interstate Certification Assurance
ICT	Information, Communications and Technology
ILC	Indigenous Land Corporation
IMC	Information Management Committee
IMETF	Indigenous Mining Enterprise Task Force
INDEF	Industry and Defence
IRMS	Industry Reports Management System
KRS	Katherine Research Station
LTI	Lost Time Injury
MODAT	Mineral Occurrences Database
NAFMW	North Australian Fisheries Management Workshop
NCC	National Competition Council
NGPAC	National Gas Pipelines Advisory Committee
NHT	Natural Heritage Trust
NTCCI	Northern Territory Chamber of Commerce and Industry
NTGS	Northern Territory Geological Survey
NTSC	Northern Territory Seafood Council
NTU	Northern Territory University
OBM	October Business Month
OHS	Occupational Health and Safety
PCA	Peanut Company of Australia
RIRDC	Rural Industries Research and Development Corporation
RSMS	Regional Sponsored Migration Scheme
TBC	Territory Business Centre
VRRS	Victoria River Research Station

Chief Executive Officer  
**Peter Blake**

General Manager  
Business & Trade  
Development  
**John Carroll**

Deputy General Manager  
Business & Trade  
Development  
**Rita Harvey**

General Manager  
Minerals & Energy  
**Brian Ely**

General Manager  
Primary  
Industry  
**Roger Smith**

Executive Director Strategic Services  
**Howard Dengate**

Executive Director Fisheries  
**Richard Sellers**

Regional Director  
Katherine  
**Jack Peart**

Manager Human Resources  
**Helen Jones**

Director Finance  
**Phil Vivian**

Regional Director  
Tennant Creek  
**Jenny Purdie**

Regional Director  
Central Australia  
**Phil Anning**