



Australian Government
Department of Agriculture,
Fisheries and Forestry

Australian Food Statistics 2004

INTERIM



Australian Food Statistics 2004

INTERIM



Australian Government Department of
Agriculture, Fisheries and Forestry

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This report was produced by ABARE for the Australian Government Department of Agriculture, Fisheries and Forestry.



foreword



The *Australian Food Statistics* series provides a statistical overview of the Australian food industry's performance — from farm production, processing along the supply chain to consumer markets.

Through the series, the food industry, policy makers and researchers have had access to much-needed information about trends in the domestic and international food industry. The series highlights many key developments, identifies growth opportunities and helps measure business performance.

Australian Food Statistics continues to provide the most relevant and up-to-date statistics on the food industry. The 2004 publication date has been moved to later in the year. The shift will enable the most recent financial year data for the Australian market to be included, as well as international trade data.

The *Australian Food Statistics* series will have two issues in 2004. This issue, which is an interim one, provides the up-to-date data available at time of printing. It also includes an analytical overview of the Australian food industry's performance in 2002-03. The issue published later this year will include the regular full set of statistical tables and analytical articles.

The food industry is a vital part of the Australian economy, contributing a significant trade surplus every year. It is also an important provider of employment and business opportunities, especially in rural and regional Australia.

Australia plays an important role in supplying the world's many requirements for food and food ingredients. Our exports range from fresh fruit and vegetables, meat and dairy products to highly value-added food products.

Producing fresh and value-added food products, however, is only part of the picture. We also need to deal with the challenges and capture the opportunities expanded world trade has created. The National Food Industry Strategy — a joint industry and whole-of-government partnership — was established by the Australian Government in 2002 for this purpose.

However, successful strategies depend on up-to-date information and this is where the *Australian Food Statistics* series is playing a key role. The statistics and other information the series provides help underpin the National Food Industry Strategy's development of a sustainable and globally competitive Australian food industry.

WARREN TRUSS

Minister for Agriculture, Fisheries and Forestry
May 2004



acknowledgments and abbreviations

acknowledgments

John Hogan, Max Foster and Alistair Peat of ABARE prepared this report, with valuable assistance provided by Michelle McGranahan and Hanna Jaireth of the Food Policy and Communications Section of the Australian Government Department of Agriculture, Fisheries and Forestry.

abbreviations

kg	kilogram	2.20462 pounds
t	tonne	1000 kilograms
kt	kilotonne	1000 tonnes
Mt	megatonne	1 000 000 tonnes
A\$	dollar (Australian)	
\$m	million dollars (Australian)	
\$b	billion dollars (Australian)	
US\$	dollar (United States)	
US\$m	million dollars (United States)	
US\$b	billion dollars (United States)	

cif	cost, insurance and freight
EVAO	estimated value of agricultural operations
fas	free alongside ship
fob	free on board
GDP	gross domestic product
nec	not elsewhere classified

ABARE	Australian Bureau of Agricultural and Resource Economics
ABS	Australian Bureau of Statistics
APEC	Asia Pacific Economic Cooperation
ASEAN	Association of South East Asian Nations
DAFF	Department of Agriculture, Fisheries and Forestry
EU	European Union
NAFTA	North American Free Trade Agreement

Small **discrepancies** in totals are generally caused by rounding.
0 is used to denote nil or a negligible amount.

Trade data terms are explained on pages 11–12.



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OVERVIEW

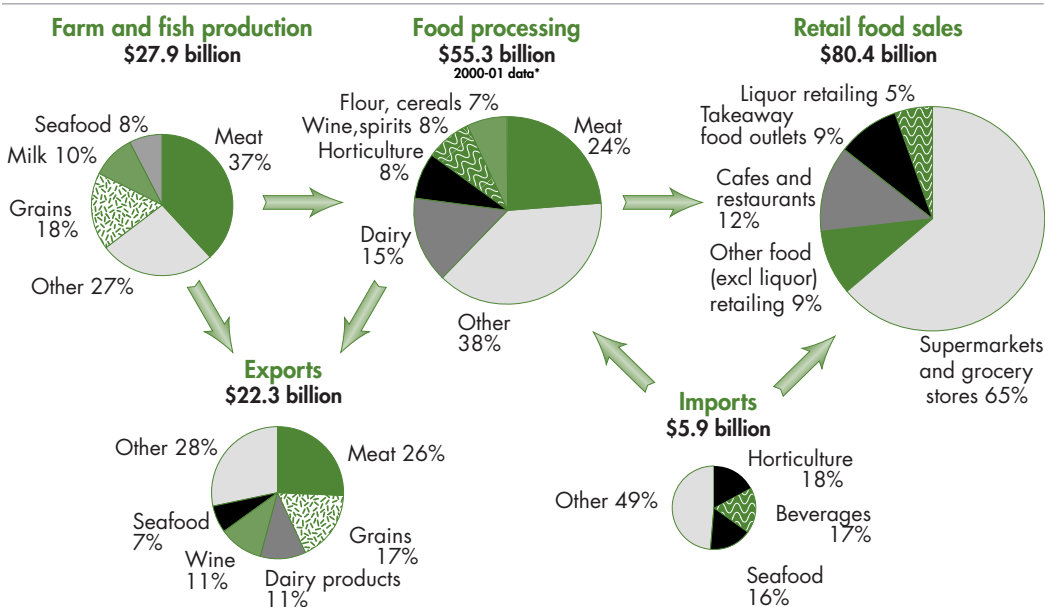
Australian food industry 2002-03

Overview of the Australian food industry

In 2002-03, total consumer expenditure on food increased to over \$80 billion, accounting for around 46 per cent of total Australian retail spending in that year. In 2002-03 the value of Australian farm and fisheries production fell by 21 per cent to \$27.9 billion and the value of food exports by 16 per cent to \$22.3 billion. These

falls reflected the drop in agricultural production and export volumes caused by drought and a stronger Australian exchange rate. Food exports made up 19 per cent of total Australian merchandise exports in 2002-03. Although the value of food imports increased by 10 per cent to \$5.9 billion in that year, Australia continued to be a significant net exporter of food, with a surplus of \$16.4 billion between the value of food exports and the value of food imports.

A Supply chain for food in Australia, 2002-03



* Latest data available at time of publication

1 Overview of the Australian food industry

		1999-2000	2000-01	2001-02	2002-03
Value of farm and fisheries food production	\$b	26.6	30.1	35.1	27.9 ^a
Value added, food processing	\$b	13.9	14.2	nya	nya
– share of GDP	%	2.2	2.2	nya	nya
– employment	'000	163	187	nya	nya
Food and liquor retailing turnover	\$b	65.9	69.7	74.6	80.4
– share of total retailing	%	45.6	45.9	45.4	46.1
Value of food exports	\$b	20.2	24.4	26.6	22.3
– share of total merchandise trade	%	20.7	20.3	22.0	19.2
– minimally transformed share	%	34.2	34.0	34.7	30.7

^a Includes an imputed value for horticulture production in 2002-03. **nya** Not yet available.

This publication provides a statistical overview of some aspects of the Australian food industry and its place in the domestic economy in 2002-03. The food industry extends from domestic sales to consumers, through the export, import and processing sectors to the producers of raw materials used in producing that food. The key components of the food supply chain in 2002-03, by value, are shown in figure A and the main statistics are summarised in table 1.

Australian farm and fisheries production

After growing strongly for a number of years, the value of farm production fell by 21 per cent in 2002-03 to \$27.9 billion because of the severe drought that affected many of the key agricultural production areas in Australia, and an increase in the Australian exchange rate that affected export and farmgate returns for some commodities (figure B).

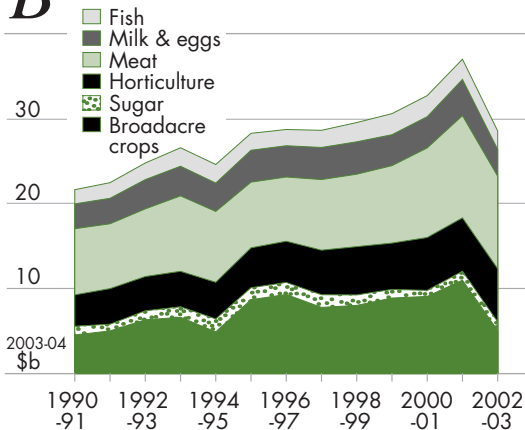
Significantly lower production of broadacre crops (particularly wheat, barley and oilseeds) offset firm prices for many crops, with the value of broadacre crop production falling by more than half to \$4.9 billion, from \$10.4 billion in 2001-02. The value of livestock slaughterings and livestock products (milk and eggs) fell by 11 per cent in 2002-03 to \$13.7 billion. In addition, increased slaughterings in response to drought led to lower farm gate returns, while both production and prices of milk were lower.

For 2003-04, it is estimated that the gross value of Australian farm and fisheries food production will rise by 15 per cent to around \$32 billion. Although the drought continues to affect the livestock and dairy sectors, farmers where possible turned to cropping enterprises to improve farm incomes in 2003-04, and a near record winter crop area was planted. After good seasonal conditions in southern cropping areas, a record grains crop was harvested and returns from this crop will contribute strongly to the gross value of production in 2003-04.

Australian food processing

As a result of changes being made by the Australian Bureau of Statistics, data are not yet avail-

B Value of farm and fisheries production



able for the Australian food processing industry for 2001-02 and beyond. The changes will make better use of data available from the taxation system to improve efficiency, coverage and sample design of the Australian food processing industry survey. However, the available data for 2000-01 indicate that the food processing industry had a strong performance in that year, with total sales estimated at \$55.3 billion, nearly 10 per cent higher than the value in 1999-2000. Strong growth in exports was a key contributor, with exports generating around 22 per cent of total sales. Buoyant sales contributed to strong growth in employment, with around 187 000 people employed at the end of June 2001, 24 000 more than a year earlier.

Despite stronger sales performance, the industry value added in food processing in 2000-01 was little changed from the previous year at around \$14.2 billion (table 1). A key factor behind this was the higher cost of purchased inputs for processing, a result of the stronger farm level economy in that year. The total costs of purchased inputs for food processing increased by nearly 10 per cent in 2000-01 — these costs represent around 56 per cent of total sales revenue.

Despite the slowdown in growth in industry value added in 2000-01, the food and beverage sector remained the largest sector of the Australian manufacturing industry in 2000-01, accounting for almost 20 per cent of industry value added and 22 per cent of total sales turnover. Between 1995-96 and 2000-01, growth in industry value added in the processed food sector was consistently high, averaging 5.7 per cent a year. This is significantly above the manufacturing sector as a whole, which averaged growth of nearly 3.2 per cent a year over the same period.

Australian food retailing

Retail turnover of food and liquor is estimated to have been \$80.4 billion in 2002-03, an increase of 8 per cent from 2001-02 (table 1). Part of this rise in turnover can also be attributed to the drought, which resulted in prices for many agricultural food commodities increasing. Overall

the increase in the food component of the consumer price index was 3.6 per cent in 2002-03. Food and liquor accounted for 46 per cent of total retail turnover in Australia in 2002-03 and was constant at this level over the previous six years.

Supermarkets and grocery stores are the most important food sales outlets. These outlets have increased their retail market share from around 62 per cent in the early 1990s to 64 per cent in 2001-02 and 2002-03, mainly at the expense of takeaway food shops.

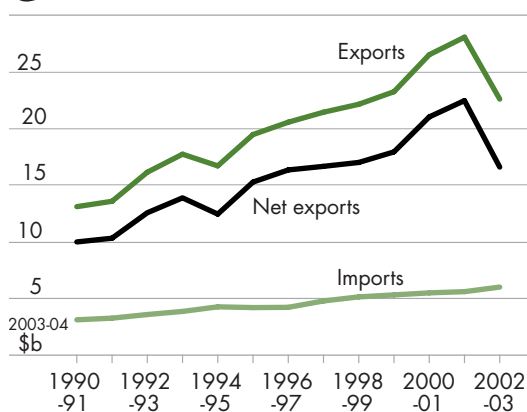
Australian food trade

The value of Australian food exports fell by 16 per cent to \$22.3 billion in 2002-03 (table 1 and figures C and D). A rising exchange rate led to lower export returns and the severe drought that began to affect Australia in early 2002 caused a sharp downturn in agricultural production during 2002-03, with falls in value occurring in most categories exported.

Within the minimally transformed category (which fell by 26 per cent to \$6.8 billion), the value of grains fell by 34 per cent to \$3.9 billion and oilseeds fell by 47 per cent to \$400 million. Smaller falls occurred for horticulture, fish and shellfish products.

The total value of exports of food products in the substantially transformed category fell by 11 per cent to \$15.1 billion. Products contributing most to this fall, by value, were: dairy products,

C Trends in Australian food trade



down \$785 million (24 per cent) to \$2.5 billion; meat, down \$591 million (9 per cent) to \$5.7 billion; other food, down \$476 million (17 per cent) to \$2.4 billion; flour and cereal food, down \$161 million (25 per cent) to \$471 million; fruit and vegetables, down \$128 million (20 per cent) to \$528 million; and seafood, down \$83 million (10 per cent) to \$716 million.

In contrast, the value of the beverage and malt food category increased by \$334 million (13 per cent) to \$2.9 billion mainly as a result of an increase in wine exports of \$319 million (15 per cent) to \$2.4 billion.

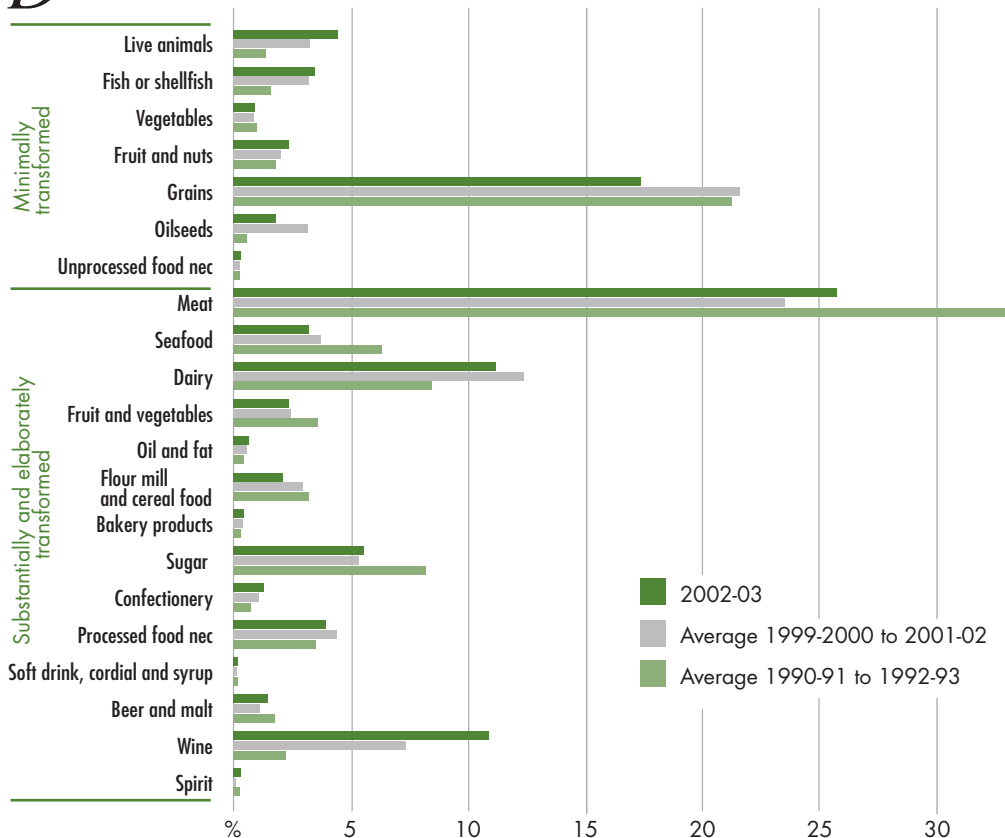
The wine industry has been a strong contributor to growth in the value of Australian exports, recording a trend growth rate of around 20 per cent since 1999-2000 in constant dollar terms. This growth reflects Australia's growing niche for producing quality wine at reasonable prices.

In 2002-03 the United Kingdom continued to be Australia's largest wine export market, accounting for 36 per cent of the total value of exports, followed closely by the United States, at 35 per cent. While the value of wine exports to the United Kingdom increased by only 1 per cent in 2002-03, to the United States it increased by 29 per cent. Other key markets were Canada and New Zealand, with some sales inroads also being made into EU markets.

Over the ten years to 2001-02, Australian exports grew at an average rate of 7.5 per cent a year in constant dollar terms. Food imports, on the other hand, grew at an average rate of 5.7 per cent a year over the eleven years period to 2002-03 (figure C).

While Australia's main exports continue to be meat, grains and dairy products, there was considerable diversification in exports over

D Composition of Australian food exports



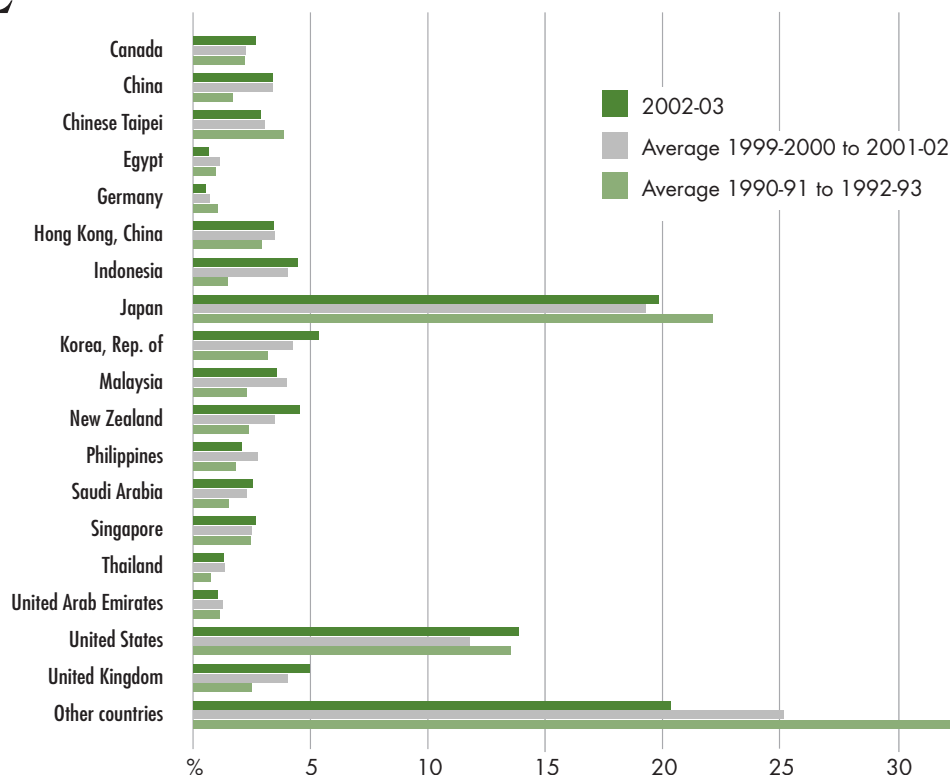
the past decade. Figure D shows the relative contribution of different food categories to the total value of exports in 2002-03, and the averages for the three years ended 1992-93 and the three years ended 2001-02. The relative value of wine, dairy products, oilseeds, live animals, fish or shellfish, fruit and nuts, and confectionery exports increased the most over this period, while the shares of total exports of meat, grains, sugar, fruit and vegetables, seafood, flour mill and cereal food declined the most. However, the decline in grains, fruit and vegetables, and flour mill and cereal food was mainly caused by lower export volumes as drought severely curtailed production in 2002-03. In 2003-04, the grain share of food exports is forecast to return to levels attained in 2001-02 as a result of a record 2003 winter grain crop.

Similarly, Australia's export markets changed over the past decade. Japan and the United States remained Australia's most important destinations

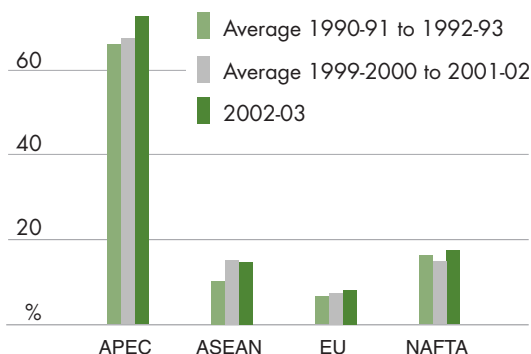
for food exports (figure E) but Japan's share of Australia's total food exports declined. Assuming greater importance as export destinations have been the Republic of Korea, the United Kingdom, New Zealand, Indonesia, Malaysia, Hong Kong, China, Singapore, Canada, Saudi Arabia and Thailand.

Australian food trade is focused mainly on the Pacific rim countries, with APEC (Asia Pacific Economic Cooperation) member countries accounting for around 73 per cent of Australia's food exports in 2002-03, compared with a 67 per cent share over the three years ended 2001-02 and a 66 per cent share over the three years ended 1992-93 (figure F). Most of this growth from 2001-02 was accounted for by New Zealand, the Republic of Korea and the member countries of the North America Free Trade Agreement (the United States, Canada and Mexico) which are also APEC members. There was also a slight

E Value of shares of Australian food exports, by country



F Value shares of Australian food exports, by country groupings



increase in the share of Australian exports to the European Union.

The recently announced free trade agreement with the United States stands to provide benefits to Australian agricultural and food industries. In food trade, Australia had a surplus of around \$2.6 billion with the United States in 2002-03, with total exports of \$3.1 billion and imports of around \$0.5 billion. The main Australian exports in 2002-03 were meat (54 per cent of total value), wine (27 per cent), dairy products and processed seafood (both 4 per cent). Australia's main imports from the United States were processed fruit and vegetables (21 per cent of total value), spirits (19 per cent), processed seafood (8 per cent) and fresh fruit and nuts (7 per cent). The value of Australian food exports to the United States quadrupled between 1995-96 and 2002-03.

Under the free trade agreement with the United States, tariffs on all agricultural products except sugar and dairy products exported to the United States will be eliminated. This is likely to provide considerable benefits to the Australian industries that currently export to the United States.

The agreement will lead to additional quota access for Australian dairy products, with dairy producers obtaining benefits from the trade deal. For example, the dairy industry will benefit from an immediate elimination of tariffs on quota exports to the United States. As well, Australian exporters will have access to additional and

growing dairy product quota into the US market over time.

The Australian beef industry will benefit from the immediate elimination of the in-quota duty, estimated to be worth around \$22 million in years when the full beef quota is met. In addition, the Australian beef industry will receive a quota increase of 15 000 tonnes in year 2, increasing to 70 000 tonnes in year 18.

As mentioned earlier, the United States is one of Australia's most valuable wine export markets and tariffs facing Australian wine will be phased out under a harmonised scheme over eleven years.

US tariffs on a range of processed food items — such as baby food preparations, bakery products, pineapple and grapefruit juice and fruit juice cordials — will be phased out over four years.

Presented in table 2 are the results from a recent study undertaken by the Centre for International Economics in 2004 for the Australian Government Department of Foreign Affairs and Trade on estimated increases in exports to the United States from Australia's agriculture and food industries, twenty years after the implementation of the free trade agreement.

A free trade agreement is also being negotiated with Thailand. In 2002-03, Australia had a deficit in food trade of \$117 million, with total imports of \$406 million and exports of \$289 million. An Australia-Thailand free trade agreement would ensure greater access for Australian food products into Thailand, and improve services, trade and investment. More than three-

2 Estimated changes in Australian exports to the United States

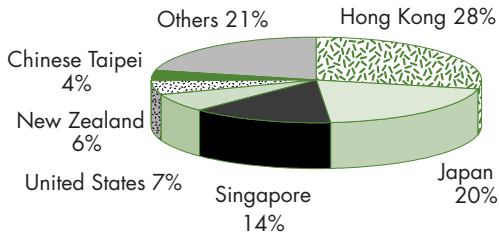
twenty years after signing the FTA

	2003-04 A\$m
Beef	409
Beverages and tobacco	190
Food products	168
Dairy products	113
Horticulture	43
Other agricultural products ^a	60

^a Rice, other meat and sugar related products.

Source: Centre for International Economics 2004, *Economic Analysis of AUSFTA: Impact of the Bilateral Trade Agreement with the United States*, Prepared for the Department of Foreign Affairs and Trade, Canberra, April.

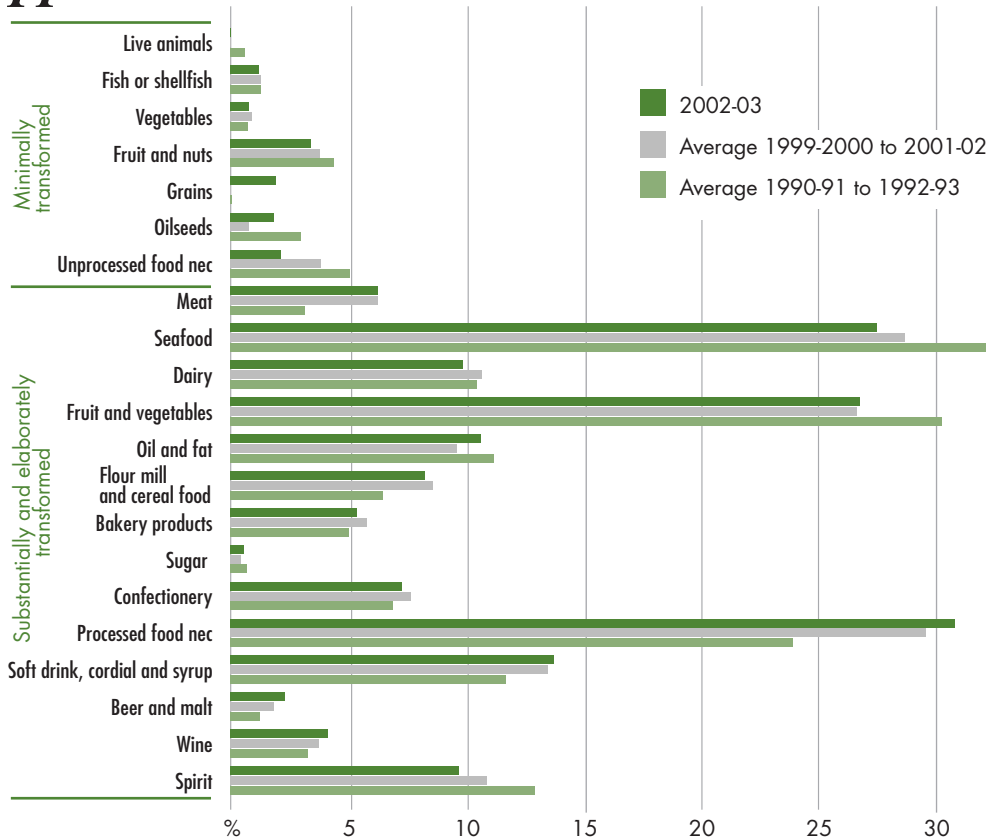
G Value shares of Australian air freight exports, by destination, 2002-03



quarters of Australia's current exports to Thailand would be tariff free from the first day of the agreement. In the first year of the agreement it is estimated that there could be a saving of more than \$100 million in duties on Australian exports to Thailand.

Similar to exports in general, the value of Australian airfreight of food exports fell by 14 per cent in 2002-03 to \$1.44 billion. However, this still represented 6.4 per cent of the total value of food exports (compared with 6.3 per cent in 2001-02) and was made up of mainly high value products where freshness is an important attribute demanded in the market place. Fresh seafood — particularly lobster, tuna, salmon and abalone — made up nearly half of these exports. The other main components of airfreight exports were meat (23 per cent by value), live animals (10 per cent) and fresh fruit and vegetables (11 per cent). The main export destinations for Australia's airfreight exports were Hong Kong, Japan, Singapore and the United States, which together accounted for around 70 per cent of the total value in 2002-03 (figure G).

H Composition of Australian food imports



Australian food imports

Food imports grew by just over 10 per cent to \$5.9 billion in 2002-03, with processed foods making up nearly 95 per cent of the value of Australia's food imports.

Processed seafood and processed fruit and vegetables are Australia's main food imports, although their share of total imports declined over the past decade, with increased imports of beverages, processed cereals, bakery products, meat and confectionery (figure H). Imports of oilseeds have been among those that fell because of the emergence of canola as a major broadacre crop in Australia. Fruit and nut imports also

declined with the emergence of new production in Australia.

Reflecting proximity and in part the Closer Economic Relations Agreement that exists between New Zealand and Australia, New Zealand is the main source of Australia's food imports. It substantially increased its share of Australia's total imports over the decade (figure I). The United States and Thailand were the next most important sources of food but the diversity of food products imported is reflected in the large number of sources of Australia's imports. Ireland, the United Kingdom, Italy, China, Viet Nam, India and Spain all increased their share of Australia's food imports in 2002-03.

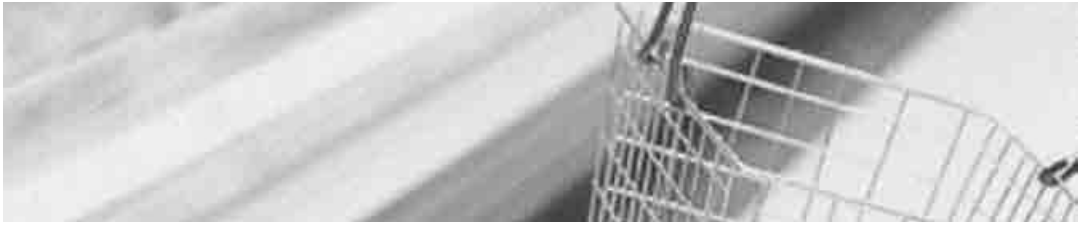
I Value shares of Australian food imports, from country of origin



Australian Food Statistics 2004

STATISTICAL TABLES





ABOUT THE DATA

Australian commodity production and value

Since 1997-98, estimates of farm crop and livestock production have been based on the Australian Bureau of Statistics' Agricultural Commodity Survey (ACS) that is conducted at 30 June each year. Approximately every fifth year an Agricultural Census will be conducted in place of the ACS. The last Agricultural Census was conducted at 30 June 2001. Prior to 1997-98 this information was collected annually in the Agricultural Census.

Information covering commodities such as livestock slaughterings and dairy produce is obtained from separate collections and from organisations such as the Australian Dairy Corporation.

Gross values are derived by multiplying the production quantity data by price (or unit value) data. All crop price information is obtained from non-ABS sources such as marketing boards, marketing reports, wholesalers, brokers and auctioneers. Price information for livestock slaughterings is obtained from ABS collections.

Estimated value of agricultural operations

Estimates from the Agricultural Commodity Surveys are based on production from farms having an estimated value of agricultural operations (EVAO) of \$5000 or more.

- The EVAO of a farm is calculated by applying three year average weighted prices to livestock turnoff and livestock numbers on the farm, and to area and production data for

crops. The aggregation of these commodity values is the EVAO.

This is the same scope as that used for the Agricultural Censuses from 1993-94 to 1996-97 and for the Agricultural Commodity survey from 1997-98 to 1999-2000. Prior to 1993-94 the scope varied. Details are available from the ABS.

Australian trade

Data on international merchandise trade movements to and from Australia are collected by the Australian Customs Service, as part of its responsibility to administer government policy on tariffs and barrier control.

Harmonised trade statistics

The merchandise trade statistics are compiled by the Australian Bureau of Statistics according to classifications that conform to an international standard, the International Harmonised Commodity Description and Coding System, with extra detail to meet Australian statistical needs.

- All exports are classified according to the Australian Harmonised Export Classification (AHECC).
- All imports are classified according to the Harmonised Tariff Item Statistical Code (HTISC), with extra detail to meet Australian Customs Service and statistical needs.

Confidentiality

Restrictions are placed on the release of trade statistics where the data relating to an individual

or organisation are likely to enable the identification of the trade of that individual or organisation, and that entity has requested that the data be suppressed.

- The main confidentiality restrictions that apply to food trade statistics are that no country details are provided for exports of unprocessed sugar, bulk wheat and malting barley.

Trade values

The method of valuation for trade is:

- the value of exports is the free on board (fob) transactions value of the goods expressed in Australian dollars;
- the value of imports is the Australian Customs value — goods are valued at the point of containerisation (in most cases) or the port of shipment, or at the customs frontier of the exporting country, whichever comes first.

Food export categories

In this report, food exports are categorised as ‘minimally’, ‘substantially’ and ‘elaborately’ transformed:

- Minimally transformed products are largely untransformed at the point of export — for example, unmilled grains, fresh fruit and vegetables, live animals and fresh fish.
- Substantially transformed products are processed to change the fundamental form of the product but consist largely of the original single commodity — for example, meat, flour, processed vegetables, butter and cheese, and sugar.
- Elaborately transformed products combine a number of food source materials to produce a product that is a completely differentiated form of processed food — for example, confectionery, cakes and pastry.



INFORMATION

selected Australian sources

General

Agency	Publication or source	Description
Australian Bureau of Agricultural and Resource Economics (ABARE) www.abareconomics.com.au	<i>Australian Commodity Statistics</i> , December (annual)	Compendium of statistics providing a comprehensive coverage of current and historical data on price, production and export information, covering most agricultural commodities. Also included is comprehensive information on farm sector output and employment, balance of trade figures and macroeconomic indicators. Up to forty years of historical data are provided.
	<i>Australian Commodities</i> (quarterly)	A journal containing: <ul style="list-style-type: none"> • an overview of the performance of and prospects for the Australian primary commodities sector • forecasts for the major agricultural, minerals and energy industries • comprehensive statistical tables covering production, export, cost and price information • macroeconomic indicators • articles on topical economic issues.
	<i>Australian Fisheries Statistics</i> , April (annual)	Compendium providing information on production and trade for the Australian fishing industry for a three year period. Also includes a profile of Commonwealth and state fisheries.
	<i>Australian Horticulture in the Global Environment</i> , February 2000	Research report profiling over twenty horticultural products exported by Australia, providing information on Australian production and exports, major markets and competitors, and the trade policies of key markets.
Australian Bureau of Statistics (ABS) www.abs.gov.au	AusStats at: www.abs.gov.au/Ausstats/ABS@.nsfausstatshome?openview	An internet based information service providing ABS's full product range (both free and charged material) online. Includes: <ul style="list-style-type: none"> • all ABS publications from 1998 onwards • over 2000 spreadsheet tables with time series data.

continued

General *continued*

Agency	Publication or source	Description
Department of Agriculture, Fisheries and Forestry www.daff.gov.au/ foodinfo	Food Info Australia	AFFA's website providing online access to processed food and beverage industry statistics and Australian Government policy information.
Horticulture Australia www.horticulture.com.au	<i>Australian Horticultural Statistics Handbook</i> (annual)	Handbook highlighting production in Australia and competitor countries and exports from Australia to major markets for a range of horticultural commodities. Also includes statistics on per person consumption and main horticultural imports to Australia.
Australian Pork Limited www.australianpork.com.au	<i>PigStats</i>	Compilation of pig industry statistics focusing on pig industry structure, farm performance and a range of information on trade and consumption.

Australian food processing industry

Agency	Publication or source	Description
Australian Bureau of Statistics www.abs.gov.au	<i>Manufacturing Industry</i> , cat. no. 8221.0, 8221.1, 8221.2, 8221.3, 8221.4, 8221.5, 8221.6 (quarterly) Available on AusStats www.abs.gov.au/Ausstats/ ABS@nsf/ausstatshome? openview	Information on the Australian processed food industry, including data on employment, wages and salaries, turnover and industry gross production. The data are classified by state and selected major commodities together with aggregate data for the last two years. An internet based information service providing ABS's full product range (both free and charged material) online.
AgriFood Media Pty Ltd cath.mckean@co31.aone.net.au	<i>Australian Food</i> , 2nd edition 1999	Book providing details on the structure of food processing, food safety and regulations, retailing market shares, selected food industries and industry organisations, trade directory.

Australian retail food industry

Agency	Publication or source	Description
Australian Bureau of Statistics www.abs.gov.au	<i>Retail Trade</i> , cat. no. 8501.0 (quarterly)	Information on the Australian retail food industry including data on retail turnover by subgroup, such as supermarkets and grocery stores, takeaway outlets, other food retailing, other retailing, hospitality services, such as cafes and restaurants, hotels and licensed clubs etc.
	Available on AusStats www.abs.gov.au/Ausstats/ ABS@nsf/ausstatshome? openview	An internet based information service providing ABS full product range (both free and charged material) online.
Retail World Pty Ltd www.retailworld.com.au	<i>Grocery Industry Marketing Guide</i> (annual)	Information on market shares, by product group suppliers, retail developments.

Australian retail food prices

Agency	Publication or source	Description
Australian Bureau of Statistics www.abs.gov.au	<i>Consumer Price Index</i> , cat. no. 6401.0 (quarterly)	Information on the Australian retail food prices and consumer price indexes by industry including data on retail prices by subgroup, such as dairy products, grain products, meat and seafood, fruit and vegetables, processed fruit etc. for the last five years. Information on consumer price indexes, including data by subgroups, such as food, clothing, housing, transport, health and personal care etc, and by food group, such as dairy and related products, cereal products, meat and seafoods fruit, other food etc.
	<i>Average Retail Prices of Selected Items</i> , cat. no. 6403.0	
	Available on AusStats ww.abs.gov.au/Ausstats/ ABS@nsf/ausstatshome? openview	An internet based information service that provides ABS full product range (both free and charged material) online.

Australian trade

Agency	Publication or source	Description
Australian Bureau of Statistics www.abs.gov.au	<i>International Merchandise Trade</i> , cat. no. 5422.0 (quarterly)	Information on the value of Australia's merchandise exports and imports with major trading partners, including data classified by state, broad economic category, industry of origin and selected major commodities, together with aggregate data on trade with major trading partners for the last fourteen years.
	Available on AusStats AusStats www.abs.gov.au/Ausstats/ ABS@nsf/ausstatshome? openview	An internet based information service providing ABS's full product range (both free and charged material) online.
Australian Department of Foreign Affairs and Trade (DFAT) www.dfat.gov.au	<i>Composition of Trade Australia</i> (published twice yearly in calendar year and financial year format.)	A compendium of statistics on merchandise exports and imports, analysing the growth, direction and commodity breakdown of Australia's trade over the last five years. It also includes individual reports showing the composition of trade with over eighty of Australia's trading partners.
	Extract available free online at: www.dfat.gov.au/publications/ statistics.html	
	<i>Direction of Trade, Time Series</i> (annual)	Contains value and percentage shares of Australia's exports to, and imports from, every one of our trading partners on a consistent basis over a twenty year period. It also includes total trade and trade balances with each of these countries.

1.1 Agricultural food production, by commodity

	Unit	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
Crops							
Grains a							
Wheat	kt	19 224	21 464	24 758	22 108	24 299	10 058
Barley	kt	6 482	5 987	5 032	6 743	8 280	3 713
Oats	kt	1 634	1 798	1 118	1 050	1 434	926
Maize	kt	271	338	406	345	457	316
Rice	kt	1 331	1 390	1 101	1 643	1 192	391
Lupins	kt	1 561	1 696	1 968	1 055	1 215	716
Field peas	kt	316	370	357	456	512	160
Chickpeas	kt	199	188	230	162	258	136
Mung beans	kt	23	78	41	52	43	34
Navy beans	kt	5	3	6	6	7	5
Faba beans	kt	163	194	226	325	350	108
Lentils	kt	36	39	103	163	266	67
Oilseeds							
Canola	kt	855	1 690	2 460	1 775	1 756	841
Sunflowerseed	kt	84	220	170	77	70	25
Soybeans	kt	54	107	104	49	63	18
Cottonseed	kt	941	1 024	1 046	1 140	1 054	546
Other oilseeds	kt	46	73	87	57	40	72
Other							
Sugarcane	kt	41 064	40 128	39 699	28 117	32 260	37 968
Peanuts	kt	32	47	40	39	29	37
Horticulture							
Fruit							
Apples	kt	309	334	320	325	321	326
Pears	kt	153	157	159	169	145	136
Nashi	kt	7	5	3	3	3	4
Avocado	kt	20	24	24	30	28	na
Melons	kt	199	175	178	198	174	na
Pineapples	kt	123	131	139	120	119	na
Bananas	kt	223	225	257	358	313	315
Kiwifruit	kt	4	3	4	na	na	na
Mangoes	kt	37	26	38	37	41	na
Wine grapes	kt	951	1 101	1 129	1 422	1 606	1 411
Table and dried grapes	kt	196	193	209	169	227	137
Oranges	kt	566	448	517	651	414	633
Mandarins	kt	81	94	91	79	78	109
Lemons/limes/grapefruit	kt	51	45	43	47	45	50
Nuts and berries							
Almonds	kt	8	7	9	9	10	9
Chestnuts	t	505	790	1 250	1 400	1 200	700
Macadamia	kt	27	19	23	23	25	30
Berries b	kt	29	31	na	18	22	na

Continued

1.1 Agricultural food production, by commodity *continued*

	Unit	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
Horticulture (continued)							
Stonefruit							
Peaches	kt	65	66	86	74	89	na
Nectarines	kt	23	27	36	34	29	na
Apricots	kt	20	21	20	21	12	na
Plums	kt	26	23	24	31	25	na
Cherries	kt	7	6	6	8	7	na
Vegetables							
Potatoes	kt	1 372	1 327	1 200	1 302	1 333	na
Onions	kt	219	224	247	222	283	na
Carrots	kt	267	257	283	321	331	na
Asparagus	kt	8	9	16	13	14	na
Broccoli	kt	40	39	39	46	46	na
Cauliflower	kt	65	73	76	76	88	na
Tomatoes	kt	380	395	414	556	425	na
Mushrooms	kt	48	46	46	36	40	na
Lettuce	kt	129	131	152	153	135	na
Capsicum/chillies	kt	31	41	44	42	43	na
Cabbage	kt	58	53	69	81	76	na
Beans	kt	36	30	34	33	34	na
Other	kt	318	296	303	349	337	na
Livestock slaughtering							
Cattle and calves	'000	9 321	9 097	8 642	8 930	8 587	9 228
Cattle exported live c	'000	692	713	846	846	797	968
Sheep	'000	16 299	14 393	15 585	16 628	14 441	13 657
Lambs	'000	14 954	16 053	17 557	18 629	17 400	16 870
Sheep exported live c	'000	4 961	4 959	4 859	5 936	6 443	5 843
Pigs	'000	5 091	5 176	5 025	5 016	5 402	5 742
Poultry for meat	million	na	375	394	399	416	419
Livestock products							
Milk	ML	9 439	10 178	10 847	10 545	11 271	10 326
Eggs	'000 dozen	190 135	198 432	182 179	203 163	187 027	na
Fisheries products							
Tuna	kt	12	17	16	16	16	15
Other fish	kt	134	127	113	122	137	148
Prawns	kt	30	31	27	30	29	26
Rock lobster	kt	17	19	20	17	14	17
Abalone	kt	4	6	6	6	6	5
Scallops	kt	10	11	12	9	6	10
Oysters	kt	11	9	10	10	10	10

a Includes products for non food use. b Includes strawberries, raspberries, blackberries, blueberries and blackcurrants. c Excludes animals for breeding. na Not available.

Sources: ABARE, *Australian Crop Report*, Canberra; ABARE, *Australian Fisheries Statistics*, Canberra; ABS, *Selected Agricultural Commodities, Preliminary*, cat. no. 7112.0, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; ABS, *Agricultural Commodities*, Australia, cat. no. 7121.0, Canberra; ABS, *Livestock Products, Australia*, cat. no. 7215.0, Canberra; ABS, *Summary of Crops*, cat. no. 7330.0, Canberra; Horticulture Australia Limited, *Australian Horticultural Statistics Handbook, 2000-2001 and previous editions*, Sydney; Australian Citrus Growers Incorporated, *Annual Report 2000*, Adelaide; ABARE.

1.2 Value of agricultural food production, by commodity

	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m
Crops						
Grains a						
Wheat	3 802	4 011	4 831	5 130	6 356	2 635
Barley	1 032	836	865	1 344	1 725	890
Oats	223	157	118	138	251	211
Maize	55	61	62	65	90	80
Rice	300	361	289	350	327	160
Lupins	306	242	286	217	304	208
Field peas	86	91	106	100	147	59
Chickpeas	75	72	78	75	130	65
Mung beans	13	33	25	27	25	19
Faba beans	42	47	58	94	123	52
Oilseeds						
Canola	332	582	699	545	675	366
Sunflowerseed	34	54	49	28	27	10
Soybeans	22	36	41	18	22	7
Cottonseed	164	192	172	202	186	144
Other oilseeds	42	42	46	33	31	35
Other						
Sugarcane	1 248	1 044	882	657	989	1 004
Total crops	7 775	7 859	8 609	9 024	11 409	5 944
Horticulture						
Fruit						
Apples	273	321	274	282	348	358
Pears	108	112	72	90	99	na
Nashi	9	10	6	6	6	na
Avocado	46	52	55	58	69	na
Melons	93	127	109	128	117	na
Pineapples	37	39	44	44	40	na
Bananas	230	266	284	409	415	na
Kiwifruit	6	6	10	10	10	na
Mangoes	81	66	80	92	98	na
Wine grapes	766	973	903	1 307	1 355	1 282
Table and dried grapes	233	227	215	211	203	192
Oranges	254	296	276	277	281	na
Mandarins	76	82	89	87	94	na
Lemons/limes/grapefruit	33	23	23	25	35	na
Other fruit	31	59	61	130	119	na
Nuts and berries						
Almonds	43	46	40	41	44	na
Chestnuts	2	4	5	5	5	na
Macadamia	67	44	49	52	68	na
Berries b	91	107	133	130	132	na

Continued

1.2 Value of agricultural food production, by commodity *continued*

	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m
Horticulture (continued)						
Stonefruit						
Peaches	53	66	74	73	76	na
Nectarines	44	59	71	70	65	na
Apricots	31	28	32	30	18	na
Plums	44	42	43	59	53	na
Cherries	28	35	40	60	55	na
Vegetables						
Potatoes	493	438	382	458	485	479
Onions	125	119	114	120	163	na
Carrots	151	167	154	189	199	na
Asparagus	39	53	96	58	66	na
Broccoli	62	62	55	70	65	na
Cauliflower	48	56	56	53	56	na
Tomatoes	167	192	190	257	230	279
Mushrooms	157	149	149	164	184	na
Lettuce	93	88	104	123	113	na
Capsicum/chillies	49	62	60	69	64	na
Cabbage	24	22	24	39	27	na
Beans	47	43	44	47	53	na
Other	265	289	324	409	445	na
Total horticulture	4 397	4 828	4 741	5 728	5 957	na
Livestock slaughterings						
Cattle and calves	3 805	4 134	4 615	5 949	6 617	5 851
Cattle exported live c	333	343	433	482	526	562
Sheep	299	227	205	368	544	447
Lambs	574	645	669	776	1 181	1 184
Sheep exported live c	193	182	180	258	392	408
Pigs	710	690	792	822	968	911
Poultry meat	1 054	1 019	1 031	1 060	1 175	1 273
Livestock products						
Milk	2 817	2 900	2 845	3 053	3 717	2 797
Eggs	348	337	321	333	320	286
Total livestock	10 133	10 475	11 090	13 101	15 440	13 720
Fisheries products						
Tuna	131	221	257	329	323	305
Other fish	396	443	454	490	546	552
Prawns	385	416	415	453	429	355
Rock lobster	377	438	546	481	502	460
Abalone	182	173	221	276	247	212
Scallops	40	38	43	39	23	33
Oysters	47	45	53	55	57	62
Total fisheries d	1 646	1 927	2 154	2 288	2 256	2 122

a Includes products for non food use. b Includes strawberries, raspberries, blackberries, blueberries and blackcurrants. c Excludes animals for breeding. d Total includes pearls, other crustaceans and other molluscs. na Not available.

Sources: ABARE, *Australian Fisheries Statistics*, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; ABS, *Livestock Products, Australia*, cat. no. 7215.0, Canberra; ABS, *Value of Principal Agricultural Commodities Produced*, cat. no. 7501, Canberra; ABS, *Value of Agricultural Commodities Produced*, cat. no. 7503, Canberra; Horticulture Australia Limited, *Australian Horticultural Statistics Handbook, 2000-2001 and previous editions*, Sydney; Australian Citrus Growers Incorporated, *Annual Report 2000*, Adelaide; ABARE.

1.3 Number of enterprises engaged in agricultural food production ^a

	1997-98	1998-99	1999-00	2000-01	2001-02
	no.	no.	no.	no.	no.
Main activity					
Grape growing	4 822	4 835	5 924	6 115	6 081
Apple and pear growing	1 219	1 227	1 145	969	860
Stone fruit growing	1 027	928	993	1 000	984
Other fruit	4 370	3 995	4 499	4 495	4 344
Vegetables	4 195	4 253	4 557	4 480	4 303
Grain growing	14 654	15 702	15 578	15 682	15 297
Grain-sheep/beef cattle farming	18 523	17 615	17 492	15 384	15 197
Sheep-beef cattle farming	7 679	6 972	8 014	7 993	7 421
Sheep farming	12 595	12 278	10 853	9 925	10 767
Beef cattle farming	15 915	15 362	19 582	21 169	19 245
Dairy cattle farming	13 762	13 241	13 566	12 605	10 999
Poultry farming (meat)	834	738	845	782	773
Poultry farming (eggs)	485	471	454	463	481
Pig farming	1 108	1 016	1 040	1 052	1 061
Deer farming	80	54	85	88	49
Sugar cane growing	5 080	5 067	4 909	4 743	4 747
Cotton growing	1 112	1 198	974	996	697
Total	107 460	104 952	110 510	107 941	103 306
Other agriculture					
Other livestock (including horses)	1 434	1 407	1 972	1 210	1 223
Other crops and plant growing nec	1 113	1 047	4 391	4 331	4 090
All other industries	2 728	1 023	1 182	1 599	1 058
Total	112 735	108 429	118 055	115 081	109 677

^a Farm businesses with an EVAO over \$22 500 as at 31 March.
Source: ABS, *Agriculture, Australia*, cat. no. 7113.0.

2.1 Retail food turnover, by state and category

	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m
New South Wales				
Supermarkets and grocery stores	13 382	14 396	15 638	16 294
Takeaway food outlets	1 689	2 123	2 118	2 252
Liquor retailing	1 413	1 586	1 671	1 928
Cafes and restaurants	3 330	4 117	3 646	3 442
Other food retailing	2 533	1 945	2 493	2 814
Victoria				
Supermarkets and grocery stores	10 766	11 416	12 061	13 057
Takeaway food outlets	1 369	1 443	1 597	1 797
Liquor retailing	732	807	810	894
Cafes and restaurants	2 131	2 072	2 313	2 448
Other food retailing	1 575	1 603	1 703	1 601
Queensland				
Supermarkets and grocery stores	8 051	8 670	9 283	9 701
Takeaway food outlets	1 357	1 313	1 380	1 484
Liquor retailing	306	344	407	507
Cafes and restaurants	1 335	1 468	1 479	1 771
Other food retailing	1 196	1 390	1 470	1 452
Western Australia				
Supermarkets and grocery stores	4 561	4 658	4 947	5 448
Takeaway food outlets	661	712	769	778
Liquor retailing	534	536	580	645
Cafes and restaurants	842	803	965	1 194
Other food retailing	672	473	594	586
South Australia				
Supermarkets and grocery stores	3 093	3 237	3 604	3 932
Takeaway food outlets	406	463	511	511
Liquor retailing	205	247	269	249
Cafes and restaurants	366	481	568	586
Other food retailing	769	672	723	777
Tasmania				
Supermarkets and grocery stores	931	1 008	1 090	1 147
Takeaway food outlets	159	167	163	144
Liquor retailing	62	62	62	62
Cafes and restaurants	80	93	87	115
Other food retailing	180	162	132	111

Continued

2.1 Retail food turnover, by state and category *continued*

	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m
Australian Capital Territory				
Supermarkets and grocery stores	783	873	989	1 029
Takeaway food outlets	91	110	121	124
Liquor retailing	40	44	55	73
Cafes and restaurants	185	248	269	289
Other food retailing	100	141	191	158
Northern Territory				
Supermarkets and grocery stores	586	602	641	666
Takeaway food outlets	87	85	92	105
Liquor retailing	28	27	26	27
Cafes and restaurants	109	110	108	121
Other food retailing	33	27	29	60
Australia				
Supermarkets and grocery stores	42 153	44 861	48 252	51 274
Takeaway food outlets	5 819	6 416	6 751	7 196
Liquor retailing	3 318	3 651	3 881	4 385
Cafes and restaurants	8 378	9 392	9 436	9 966
Other food retailing	7 058	6 413	7 335	7 559
Total food and liquor retailing	66 726	70 734	75 655	80 380
Total retailing	144 295	151 694	163 867	174 428

Sources: ABS, *Retail Trade*, cat. no. 8501.0, Canberra; ABS, unpublished data, Canberra.

3.1 Australian food exports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	574	621	532	528	625	753	938	993
Fish or shellfish	434	449	470	517	639	771	867	772
Horticulture								
Vegetables	187	177	209	218	191	201	218	199
Fruit and nuts	287	348	359	372	396	476	561	531
Total	474	525	568	590	587	677	779	730
Grains a	4 236	5 231	4 267	4 193	4 208	5 294	5 854	3 873
Oilseeds	201	198	364	683	798	721	752	400
Food nec	39	34	37	88	54	81	59	72
Substantially and elaborately transformed								
Meat								
Meat processing	3 281	2 943	3 714	3 986	4 440	5 770	6 215	5 625
Poultry processing	14	14	18	23	21	26	26	22
Bacon, ham and smallgoods	71	69	64	61	86	65	80	82
Total	3 366	3 027	3 795	4 070	4 548	5 862	6 320	5 729
Seafood	694	659	744	756	900	945	799	716
Dairy								
Milk and cream processing	872	899	897	1 056	1 126	1 550	1 650	1 176
Ice cream	41	44	47	41	36	34	32	29
Other dairy products	794	852	1 008	1 193	1 305	1 486	1 592	1 285
Total	1 707	1 795	1 952	2 291	2 467	3 070	3 275	2 490
Fruit and vegetables	469	491	436	480	522	566	656	528
Oil and fat	95	104	167	170	131	129	147	144
Flour mill and cereal food								
Flour mill products	143	158	174	204	209	207	233	213
Cereal food and baking mix	446	438	528	513	529	544	400	257
Total	589	596	702	717	738	751	632	471
Bakery products								
Bread, cake and pastry	17	16	11	11	19	15	8	3
Biscuit	58	72	83	79	69	73	92	96
Total	75	88	94	89	88	88	99	99
Other food								
Sugar	1 595	1 595	1 742	1 377 a	1 111 a	1 236 a	1 446 a	1 238 a
Confectionery	194	170	162	176	230	261	287	291
Food nec	603	767	788	734	900	1 087	1 148	876
Total	2 392	2 532	2 692	2 288	2 241	2 585	2 881	2 405
Beverages and malt								
Soft drink, cordial and syrup	59	34	28	23	26	45	30	47
Beer and malt	204	215	216	207	213	266	317	324
Wine	474	604	874	1 068	1 374	1 753	2 105	2 424
Spirit	27	29	31	38	55	73	81	72
Total	764	883	1 150	1 336	1 667	2 136	2 533	2 867
Total food and beverage								
Minimally transformed	5 958	7 057	6 238	6 601	6 911	8 297	9 249	6 840
Substantially transformed	9 905	9 938	11 500	11 951	13 028	15 828	17 006	15 088
Elaborately transformed	246	238	232	247	273	302	336	360
Total	16 109	17 234	17 969	18 799	20 212	24 427	26 591	22 288

a Includes ABARE estimates where ABS confidentiality restrictions apply.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.2 Australian grain exports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Cereals								
Barley, feed	317	372	264	427	326	409	585	233
Barley, malting	394	443	280	271	320	467	432	457
Maize	2	8	3	6	11	15	14	13
Oats	50	26	30	38	27	22	37	44
Rice, husked (paddy)	0	0	1	29	17	8	29	9
Sorghum	97	70	50	14	4	59	109	17
Wheat	3 363	4 301	3 630	3 398	3 413	4 135	4 527	3 036
Other ^a	12	10	8	10	11	11	10	5
Total	4 236	5 231	4 267	4 193	4 130	5 126	5 743	3 814
Oilseeds								
Canola	138	124	256	558	638	544	572	289
Cottonseed	42	45	68	91	122	137	148	82
Sunflowerseed	7	8	7	10	19	11	2	7
Other	14	21	33	25	16	28	28	22
Total	201	198	364	683	796	720	751	400
Other	0	0	0	0	78	168	111	58
Substantially and elaborately transformed								
Milled								
Barley, maize, oats	12	13	13	14	13	15	21	23
Rice	326	313	394	380	363	357	253	101
Wheat	13	9	16	12	13	15	16	15
Other	1	1	2	1	1	1	2	1
Total	351	335	425	406	389	388	291	139
Flour								
Rice	7	5	7	8	7	5	4	3
Wheat	26	45	57	69	68	62	84	73
Other	0	0	1	1	1	1	1	1
Total	33	50	65	77	76	69	90	77
Oil								
Canola	5	6	24	52	25	18	25	30
Cottonseed	0	1	18	2	0	1	2	1
Sunflowerseed	0	0	4	7	6	10	11	9
Other	62	74	92	85	79	72	75	70
Total	67	81	139	145	110	101	113	109
Cereal starches								
Wheat	83	83	77	99	104	105	104	97
Rice	2	1	1	1	1	1	1	2
Other	0	1	1	0	0	0	0	0
Total	85	85	78	100	105	107	105	98
Malt								
	156	174	173	170	166	216	254	256
Preparations of cereals								
Biscuits	58	72	83	79	69	73	92	96
Breads and cakes	17	16	11	11	19	15	8	3
Pasta	17	17	25	23	31	34	33	40
Other	103	108	108	110	136	154	112	111
Total	195	213	228	223	255	275	244	249
Total grains								
Minimally transformed	4 437	5 428	4 630	4 877	5 004	6 014	6 606	4 272
Substantially transformed	825	867	1 033	1 050	1 027	1 080	1 037	895
Elaborately transformed	61	73	74	72	75	75	60	34
Total	5 323	6 368	5 738	5 999	6 107	7 170	7 702	5 201

^a Includes ABARE estimates where ABS confidentiality restrictions apply.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.3 Australian meat and livestock exports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Live animals a								
Cattle	344	428	333	343	433	482	526	562
Sheep	227	190	193	182	180	258	392	408
Other	3	4	6	4	12	14	20	23
Total live animal exports	574	621	532	528	625	753	938	993
Meat and meat products								
Beef and veal b								
Fresh, chilled or frozen								
Carcasses	61	57	55	49	9	14	11	5
Hindquarters and forequarters								
Bone-in	52	37	44	56	58	47	20	21
Boneless	215	222	336	401	417	461	461	337
Cuts								
Bone-in	27	26	28	51	54	80	94	108
Boneless	2 103	1 771	2 236	2 379	2 651	3 525	3 746	3 436
Other products c	141	122	144	161	205	272	230	200
Beef and veal products, otherwise prepared or preserved d	41	32	39	41	44	55	55	57
Total beef and veal	2 638	2 267	2 883	3 137	3 437	4 453	4 617	4 163
Sheep meat								
Fresh, chilled or frozen								
Carcasses	62	67	78	80	74	97	106	102
Cuts								
Bone-in	232	296	355	378	437	593	727	625
Boneless	213	178	219	178	195	261	306	298
Other products c	36	37	40	44	39	51	46	43
Sheep meat products, otherwise prepared or preserved d	3	3	2	3	3	3	5	3
Total sheep meat	546	580	695	683	747	1 006	1 190	1 070
Pig meat								
Fresh, chilled or frozen								
Carcasses	2	3	3	11	91	93	123	115
Hams, shoulders and cuts	4	3	5	3	2	5	8	7
Other pig meat nec	25	27	44	57	66	88	134	135
Other products c	1	2	3	2	2	5	5	6
Pig meat products, otherwise prepared or preserved d	1	1	1	1	1	2	1	2
Total pig meat	32	36	55	74	162	192	271	264
Poultry meat e	14	14	18	23	21	26	26	22
Bacon, ham and smallgoods	71	69	64	61	86	65	80	82
Other meat f								
Fresh, chilled or frozen								
Goat meat	20	18	24	22	27	39	46	47
Horse, ass, mule and hinny meat	23	16	21	26	20	17	19	14
Kangaroo meat	4	5	8	11	10	17	30	27
Other meat and meat products c	9	10	17	19	27	33	26	26
Other meat products Otherwise prepared or preserved d	10	11	11	13	11	12	15	12
Total other meat	65	60	81	92	95	118	136	127
Total meat and meat product exports	3 366	3 027	3 795	4 070	4 548	5 862	6 320	5 729

a Excludes animals for breeding. b Includes buffalo meat. c Includes edible offal, tongues, livers or tripe. d Includes meat and animal products either salted, in brine, dried, smoked, canned or bottled. e Includes meat and other food products from fowls, turkeys, ducks, geese, guinea fowls and other poultry.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.4 Australian dairy exports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Butter and butterfat a	181	220	238	294	291	291	297	224
Cheese								
Unprocessed cheddar	152	164	225	239	286	328	301	249
Processed cheddar	147	130	177	206	227	227	167	143
Unprocessed other	123	133	134	175	180	236	258	185
Processed other	22	24	23	31	33	56	112	93
Fresh, unripened or uncured b	12	17	39	38	71	87	179	116
Grated or powdered cheese	8	7	8	7	9	17	16	13
Total cheese	463	476	607	695	807	950	1 033	800
Wholemilk powder	255	268	275	364	403	580	571	380
Skim milk powder	479	473	444	496	478	694	698	406
Casein	30	33	43	67	81	89	77	43
Other products								
Fresh milk	57	68	67	76	81	82	98	98
Icecream	41	44	47	41	36	34	32	29
Other fresh products	13	18	22	18	20	13	8	6
Condensed milk	61	49	58	82	88	111	124	133
Other powders	81	97	116	117	159	193	275	275
Lactose	3	3	2	2	3	9	6	6
Yoghurt	8	8	6	6	7	8	8	9
Other dairy products	36	38	26	33	14	15	49	88
Total	1 708	1 796	1 952	2 291	2 467	3 070	3 277	2 495

a Includes the butter equivalent of butter oil, butter concentrate, ghee and dry butterfat production. b Includes blue veined cheese.
 Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.5 Australian seafood exports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Fish								
Minimally transformed								
Live	16	15	16	13	24	42	47	47
Fresh or chilled								
Tuna a	38	42	70	72	101	148	165	107
Salmon	23	19	12	8	6	12	14	7
Other fish	9	11	9	7	10	13	27	25
Total	70	72	92	87	116	174	206	138
Whole frozen								
Tuna a	1	2	10	31	105	117	154	213
Salmon	1	3	2	2	3	4	1	3
Whiting	4	3	4	3	3	3	2	3
Other fish	16	19	27	51	19	11	20	19
Total	23	28	42	87	130	135	178	238
Substantially transformed								
Fillets								
Fresh or chilled	3	5	5	5	5	7	7	4
Frozen	13	14	27	44	37	18	21	20
Total	16	19	32	49	42	25	27	24
Other frozen	17	23	25	20	57	75	13	6
Elaborately transformed								
Dried, salted or smoked								
Salmon	1	1	1	1	1	2	1	1
Other fish	6	8	9	6	13	14	15	17
Total	7	10	10	7	14	16	16	18
Roes, caviar and substitutes	10	7	7	5	5	6	7	6
Canned	2	3	2	3	5	4	5	5
Other processed	5	7	7	4	0	1	2	1
Total fish	167	182	234	275	393	478	502	485

Continued

3.5 Australian seafood exports *continued*

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Shellfish								
Minimally transformed								
Live fresh or chilled								
Whole								
Rock lobster	241	267	254	269	296	318	307	228
Crabs	29	20	23	16	19	28	23	17
Other crustaceans	0	0	0	0	0	3	1	0
Abalone	38	39	37	42	51	61	75	75
Other molluscs	7	5	5	2	2	1	1	1
Other	11	3	1	0	1	10	30	28
Total	326	335	320	330	369	421	437	349
Substantially transformed								
Rock lobster								
Frozen green	19	20	17	17	35	42	29	25
Cooked	102	112	88	87	142	101	84	91
Tails	50	50	64	76	95	60	65	113
Other	5	5	1	3	10	12	7	6
Total	176	186	170	183	282	215	185	235
Prawns								
Headless	47	33	41	25	21	25	19	12
Whole frozen	171	147	189	196	209	258	239	193
Other	5	4	5	4	14	7	5	4
Total	223	185	234	224	244	291	263	208
Crabs	8	8	4	3	4	4	7	4
Other crustaceans	9	10	12	11	6	16	12	8
Abalone	24	36	42	44	50	73	106	74
Scallops	64	32	33	31	39	48	31	26
Other molluscs	2	2	2	3	3	6	4	2
Elaborately transformed								
Dried salted								
Molluscs	9	5	8	8	8	12	9	10
Canned								
Abalone	87	100	120	106	129	145	140	107
Other shellfish	15	8	8	11	12	26	7	0
Other preserved	2	1	1	1	1	1	15	13
Seafood extracts	2	3	3	2	0	1	1	0
Seafood meals and flours	7	4	5	5	7	8	7	9
Total	112	116	137	126	148	181	169	130
Total shellfish	954	914	963	963	1 154	1 267	1 223	1 045
Total seafood								
Minimally transformed	435	449	470	517	639	771	868	773
Substantially transformed	540	500	555	568	727	754	648	588
Elaborately transformed	146	147	170	152	181	220	209	170
Total	1 121	1 096	1 196	1 238	1 546	1 746	1 725	1 530

a Exports of tuna landed in Australia. Tuna shipped at sea or captured under joint venture or bilateral agreements are not included.
Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.6 Selected Australian fruit and nut exports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Fruit								
Oranges	82	109	110	119	123	150	153	146
Grapes	47	67	53	67	74	72	136	96
Apples	33	28	38	30	36	46	34	41
Pears	26	30	24	19	20	24	20	23
Mandarins	17	19	21	22	26	37	40	49
Plums	10	12	13	18	16	25	22	26
Melons	14	12	14	12	16	18	20	17
Mangoes	9	10	13	10	11	11	14	12
Nectarines	1	2	5	13	16	16	27	23
Other fruit	37	43	39	38	39	49	58	63
Total fruit	276	331	329	349	376	447	522	496
Nuts, in shell								
Macadamias	7	9	6	8	12	20	25	24
Almonds	0	6	7	10	3	3	10	6
Other nuts	4	3	16	5	5	5	4	5
Total nuts	11	18	30	23	20	28	39	35
Substantially transformed								
Canned or bottled								
Pears	29	37	35	30	31	30	28	29
Fruit salads and mixtures	21	21	23	28	28	23	23	27
Peaches	14	12	14	23	19	20	19	31
Pineapples	4	4	4	4	4	3	4	3
Apricots	3	3	3	3	2	2	3	3
Apples	1	1	0	0	0	0	0	0
Other canned or bottled fruit	2	4	4	7	7	8	7	8
Total canned or bottled fruit	73	81	83	96	91	86	85	102
Dried								
Grapes	34	52	30	36	13	17	14	20
Other dried fruit	10	10	6	3	2	3	2	2
Total dried fruit	44	62	36	39	15	19	16	22
Juice								
Orange, frozen or otherwise	19	16	15	13	17	22	17	17
Grape	8	9	11	11	10	12	13	12
Apple	8	6	5	4	8	13	5	0
Pineapple	1	1	1	1	1	1	2	3
Other fruit juice	29	28	23	18	25	23	37	41
Total fruit juice	65	61	56	47	62	72	73	73
Shelled nuts								
Macadamias	46	48	44	47	66	57	86	64
Other shelled nuts	29	10	7	15	16	11	15	16
Total shelled nuts	74	59	51	61	82	68	101	79
Jams, spreads, pastes etc								
	12	13	14	11	11	10	10	10
Otherwise processed fruits								
Fruits preserved by sugar	4	4	4	4	4	4	4	3
Frozen fruits	1	1	1	1	1	1	1	1
Other processed fruits	2	1	2	2	1	2	2	2
Total otherwise processed fruits	8	7	7	6	6	7	6	7
Total fruit and nut products								
Minimally transformed	287	348	359	372	396	476	561	531
Substantially transformed	276	283	247	261	266	262	291	293
Total	563	631	606	633	662	738	852	824

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.7 Selected Australian vegetable exports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Vegetables								
Asparagus	31	30	32	46	46	43	40	34
Carrots	29	31	35	43	36	40	49	48
Cauliflowers	24	25	22	23	23	30	28	23
Onions	23	11	29	28	15	19	28	25
Headed broccoli	18	16	18	16	15	14	15	13
Potatoes (excluding seed)	6	7	8	9	9	6	8	13
Tomatoes	9	9	9	8	7	7	4	7
Lettuce	6	7	8	7	7	8	9	6
Chinese cabbage	7	5	6	6	4	6	5	4
Other vegetables	35	35	42	32	27	29	31	26
Total vegetables	187	177	209	218	191	201	217	199
Substantially transformed								
Canned or bottled								
Tomatoes and tomato products	3	5	12	16	14	14	26	29
Ginger in syrup	3	4	6	6	5	5	5	6
Other canned or bottled vegetables	2	2	2	3	4	5	3	4
Total canned or bottled vegetables	8	11	20	24	23	24	34	38
Dried								
Peas	62	96	66	62	81	92	133	37
Beans	38	34	33	47	76	91	88	66
Other dried vegetables	5	10	4	11	5	9	4	2
Total dried vegetables	105	141	103	120	162	192	224	105
Juice								
Vegetable juice mixtures	16	3	8	12	9	1	0	0
Single vegetable juices	6	2	1	4	9	22	28	23
Tomato juice	0	0	0	1	1	1	1	1
Total juice	23	5	10	17	19	25	29	25
Frozen								
Potatoes	14	11	10	7	11	8	11	18
Mixed vegetables	4	5	3	8	5	5	3	3
Corn	1	2	5	4	2	1	8	5
Peas	0	0	0	0	1	1	1	0
Other frozen vegetables	5	9	8	5	5	7	8	2
Total frozen vegetables	24	26	26	24	23	21	32	27
Saps and extracts								
Hop extracts	2	2	4	2	2	4	3	3
Miscellaneous vegetable extracts	2	3	5	6	4	7	16	14
Total vegetable extracts	4	6	9	8	6	11	19	17
Otherwise processed vegetables								
Hops	11	6	6	8	6	8	9	5
Ginger	5	4	4	5	5	6	6	7
Mixed vegetables	5	4	3	3	2	2	2	2
Potatoes	5	2	3	3	2	5	2	1
Other	3	4	5	7	7	10	8	7
Total otherwise processed vegetables	29	20	22	27	22	31	27	23
Total vegetable products								
Minimally transformed	187	177	209	218	191	201	217	199
Substantially transformed	193	208	189	220	255	304	365	235
Total	380	385	398	438	446	505	583	434

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.8 Australian food exports, by state of origin, 2002-03

	NSW \$m	Vic \$m	Qld \$m	WA \$m	SA \$m	Tas \$m	NT \$m
Minimally transformed							
Live animals except fish	21	88	138	441	109	8	188
Fish or shellfish	35	16	114	137	357	114	1
Horticulture							
Vegetables	14	47	29	76	8	25	0
Fruit and nuts	76	219	76	43	67	24	2
Total	90	266	105	119	75	49	2
Grains	480	295	116	1 426	778	0	0
Oilseeds	77	41	52	141	80	10	0
Food nec	7	13	17	18	13	1	3
Substantially and elaborately transformed							
Meat							
Meat processing	1 178	1 014	2 717	299	316	76	3
Poultry processing	8	6	6	2	0	0	0
Bacon, ham and smallgoods	22	52	5	1	2	0	0
Total	1 208	1 072	2 727	302	319	76	3
Seafood	19	80	174	295	92	55	1
Dairy							
Milk and cream processing	29	1 052	43	32	2	18	0
Ice cream	12	3	2	11	0	0	0
Other dairy products	53	1 046	43	20	51	72	0
Total	94	2 101	89	64	53	90	0
Fruit and vegetables	86	244	82	7	95	13	0
Oil and fat	57	31	55	1	0	0	0
Flour mill and cereal food							
Flour mill products	104	16	9	15	6	0	0
Cereal food and baking mix	182	42	11	8	14	0	0
Total	286	58	20	23	20	0	0
Bakery products							
Bread, cake and pastry	2	0	1	0	0	0	0
Biscuit	23	20	29	3	21	0	0
Total	25	21	29	3	21	0	0
Other food							
Sugar a	37	2	1 199	0	0	0	0
Confectionery	26	229	13	1	0	21	0
Food nec	422	144	185	35	14	25	0
Total	486	375	1 397	37	14	46	0
Beverages and malt							
Soft drink, cordial and syrup	22	3	12	0	8	0	0
Beer and malt	2	133	0	61	61	0	0
Wine	588	329	3	46	1 455	3	0
Spirit	15	15	16	0	25	0	0
Total	627	481	31	107	1 549	3	0
Total food and beverage							
Minimally transformed	711	719	542	2 282	1 411	180	194
Substantially transformed	2 805	4 257	4 581	832	2 142	262	5
Elaborately transformed	82	206	23	7	22	21	0
Total b	3 598	5 182	5 145	3 122	3 575	464	199

a Includes ABARE estimates where ABS confidentiality restrictions apply. b Due to state level ABS confidentiality restrictions, these totals do not correspond with table 5.1.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.9 Australian air freight exports of food ^a

	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m
Minimally transformed					
Live animals except fish	80	109	111	150	143
Fish or shellfish					
Fish	144	200	244	238	192
Shellfish	415	473	549	552	445
Total	559	673	793	790	637
Horticulture					
Vegetables	105	97	97	85	71
Fruit and nuts	73	76	92	100	93
Total	178	174	190	185	164
Grains	0	0	0	0	0
Oilseeds	2	3	2	3	3
Substantially transformed					
Meat					
Beef	64	58	72	81	73
Other meat and offal	163	236	268	289	254
Total	227	294	340	370	327
Seafood	31	38	38	45	34
Dairy					
Milk, cream and milk products ^b	10	10	12	11	12
Butter and other milk fat	0	1	1	1	1
Cheese and curd	8	6	7	6	8
Total	19	17	20	18	21
Fruit and vegetables	8	5	7	8	6
Oil and fat	2	2	3	3	2
Flour mill and cereal food	4	4	5	6	4
Other food					
Chocolate and chocolate confectionary	10	11	10	11	11
Sugar confectionary	1	3	3	5	3
Food nec	29	35	33	61	66
Total	39	49	45	77	81
Beverages and malt					
Nonalcoholic	0	0	0	0	1
Alcoholic	10	11	15	17	12
Total	10	11	15	18	13
Total food and beverage					
Minimally transformed	819	959	1 096	1 128	946
Substantially transformed	340	420	471	544	490
Total	1 158	1 378	1 567	1 672	1 436

^a Based on state of departure. ^b Excluding butter and cheese.
 Source: ABS, Air freight cargo statistics, unpublished.

3.10 Australian air freight exports of food, by state of origin, 2002-03 ^a

	NSW \$m	Vic \$m	Qld \$m	WA \$m	SA \$m	Tas ^b \$m	NT \$m
Minimally transformed							
Live animals except fish	60	76	3	4	0	0	0
Fish or shellfish							
Fish	54	20	86	16	18	0	0
Shellfish	53	180	48	130	34	0	0
Total	107	201	134	146	51	0	0
Horticulture							
Vegetables	27	27	12	5	0	0	0
Fruit and nuts	35	16	22	17	2	0	1
Total	63	43	34	22	2	0	1
Oilseeds	2	0	0	0	0	0	0
Substantially transformed							
Meat							
Beef	29	11	25	7	1	0	0
Other meat and offal	65	98	36	42	13	0	0
Total	94	109	61	49	13	0	0
Seafood	2	13	15	3	1	0	0
Dairy							
Milk, cream and milk products ^c	5	4	2	1	0	0	0
Butter and other milk fat	0	1	0	0	0	0	0
Cheese and curd	2	6	0	0	0	0	0
Total	7	11	2	2	0	0	0
Fruit and vegetables	3	2	1	0	0	0	0
Oil and fat	1	1	0	0	0	0	0
Flour mill and cereal food	2	1	1	0	0	0	0
Other food							
Chocolate and chocolate confectionery	3	8	0	0	0	0	0
Sugar confectionery	2	1	0	1	0	0	0
Food nec	52	7	5	1	1	0	0
Total	57	16	5	2	1	0	0
Beverages and malt							
Nonalcoholic	0	0	0	0	0	0	0
Alcoholic	4	4	1	1	3	0	0
Total	4	4	1	1	3	0	0
Total food and beverage							
Minimally transformed	232	319	171	171	54	0	1
Substantially transformed	171	156	87	56	18	0	1
Total	403	476	258	228	72	0	1

^a Based on state of departure. ^b Virtually all air freight exports of Tasmanian origin are recorded as exports from mainland Australian airports. ^c Excluding butter and cheese.

Source: ABS, Air freight cargo statistics, unpublished.

3.11 Australian food exports to APEC member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	312	394	221	201	284	305	364	452
Fish or shellfish	430	442	463	509	628	764	855	758
Horticulture								
Vegetables	166	161	174	188	171	177	180	163
Fruit and nuts	246	317	311	319	343	393	467	431
Total	413	478	485	507	514	570	647	594
Grains a	1 957	1 386	1 662	1 801	1 536	2 420	2 551	2 212
Oilseeds	140	150	254	445	705	423	489	325
Food nec	25	20	21	59	39	38	31	46
Substantially and elaborately transformed								
Meat								
Meat processing	2 760	2 468	3 000	3 335	3 903	5 042	5 381	4 916
Poultry processing	7	6	8	10	7	8	8	5
Bacon, ham and smallgoods	50	53	47	36	67	52	64	68
Total	2 816	2 528	3 055	3 382	3 977	5 101	5 454	4 989
Seafood	611	594	667	642	840	863	755	664
Dairy								
Milk and cream processing	749	734	695	796	840	1 128	1 170	864
Ice cream	40	42	46	39	35	33	31	26
Other dairy products	577	575	641	758	793	905	1 078	838
Total	1 366	1 351	1 382	1 594	1 668	2 065	2 280	1 729
Fruit and vegetables	270	282	253	280	278	300	344	323
Oil and fat	76	90	139	112	101	106	129	121
Flour mill and cereal food								
Flour mill products	119	120	124	164	171	174	202	197
Cereal food and baking mix	100	105	113	110	135	147	116	126
Total	219	225	237	274	306	321	318	323
Bakery products								
Bread, cake and pastry	15	14	10	9	17	12	6	2
Biscuit	47	60	68	66	55	56	70	67
Total	62	74	77	75	73	68	76	70
Other food								
Sugar	400	1 449	1 534	1 206 a	1 002 a	1 125 a	1 378 a	1 155 a
Confectionery	176	154	148	161	207	239	261	260
Food nec	495	580	584	596	650	730	681	645
Total	1 070	2 183	2 266	1 963	1 858	2 095	2 320	2 060
Beverages and malt								
Soft drink, cordial and syrup	52	28	23	19	20	37	24	41
Beer and malt	153	158	154	146	155	180	216	196
Wine	176	246	358	418	547	764	971	1 220
Spirit	18	27	27	30	45	64	71	59
Total	398	459	561	613	767	1 046	1 283	1 515
Total food and beverage								
Minimally transformed	3 277	2 870	3 106	3 523	3 706	4 519	4 938	4 386
Substantially transformed	6 675	7 579	8 437	8 718	9 633	11 710	12 675	11 500
Elaborately transformed	214	207	201	215	234	255	284	295
Total	10 165	10 655	11 743	12 456	13 573	16 484	17 897	16 181

a Includes ABARE estimates where ABS confidentiality restrictions apply.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.12 Australian food exports to ASEAN member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	305	378	204	190	270	284	333	232
Fish or shellfish	13	16	15	10	12	15	15	11
Horticulture								
Vegetables	78	81	86	87	78	87	96	86
Fruit and nuts	142	170	142	113	119	160	174	157
Total	220	251	228	200	197	247	270	243
Grains a	799	865	897	751	758	1 022	996	772
Oilseeds	2	2	2	4	21	11	14	2
Food nec	5	5	3	4	7	4	5	7
Substantially and elaborately transformed								
Meat								
Meat processing	185	221	203	184	305	348	398	375
Poultry processing	0	0	1	1	2	1	3	1
Bacon, ham and smallgoods	2	1	1	1	1	2	3	3
Total	187	223	204	186	308	351	404	379
Seafood	53	40	41	44	57	65	77	56
Dairy								
Milk and cream processing	523	521	471	563	546	761	777	557
Ice cream	4	7	8	7	3	2	2	3
Other dairy products	202	175	169	180	196	201	224	176
Total	729	703	647	750	746	965	1 003	736
Fruit and vegetables	38	45	40	37	39	46	57	47
Oil and fat	11	14	23	15	15	13	14	16
Flour mill and cereal food								
Flour mill products	21	21	24	43	49	55	66	62
Cereal food and baking mix	20	25	27	16	25	24	15	16
Total	42	47	51	59	74	79	81	78
Bakery products								
Bread, cake and pastry	3	3	1	1	3	2	1	0
Biscuit	7	7	4	3	2	3	8	10
Total	10	9	6	5	5	5	9	10
Other food								
Sugar	92	339	367	297 a	263 a	315 a	420 a	317 a
Confectionery	34	38	26	29	30	40	50	58
Food nec	66	90	78	83	113	144	128	113
Total	193	467	471	409	406	498	597	488
Beverages and malt								
Soft drink, cordial and syrup	16	8	4	3	4	4	4	3
Beer and malt	63	63	63	64	65	79	97	94
Wine	14	19	17	24	31	39	47	51
Spirit	4	5	5	3	6	12	14	14
Total	97	95	88	93	107	134	162	161
Total food and beverage								
Minimally transformed	1 343	1 517	1 349	1 160	1 265	1 583	1 633	1 267
Substantially transformed	1 318	1 599	1 542	1 570	1 723	2 113	2 353	1 911
Elaborately transformed	41	43	28	29	33	42	52	61
Total	2 702	3 160	2 919	2 760	3 021	3 738	4 037	3 239

a Includes ABARE estimates where ABS confidentiality restrictions apply.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.13 Australian food exports to NAFTA member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	0	3	1	1	2	5	9	14
Fish or shellfish	3	7	12	19	18	26	30	24
Horticulture								
Vegetables	0	0	0	0	0	0	0	0
Fruit and nuts	16	23	43	42	51	46	49	61
Total	16	23	43	42	51	46	49	61
Grains a	0	0	6	0	1	1	1	0
Oilseeds	4	4	34	86	86	76	82	35
Food nec	0	0	0	6	5	8	4	3
Substantially and elaborately transformed								
Meat								
Meat processing	579	666	903	1 118	1 379	2 094	2 575	2 045
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	1	1	0	0	1	1	2	2
Total	580	666	903	1 118	1 380	2 095	2 577	2 047
Seafood	40	52	87	112	125	105	105	132
Dairy								
Milk and cream processing	21	8	18	18	12	57	28	20
Ice cream	0	0	0	0	0	0	0	0
Other dairy products	44	73	96	152	138	173	213	177
Total	65	81	114	170	150	230	242	197
Fruit and vegetables	43	70	68	82	74	69	65	52
Oil and fat	2	3	3	2	2	3	3	5
Flour mill and cereal food								
Flour mill products	42	39	36	59	64	61	61	52
Cereal food and baking mix	3	3	3	3	2	2	3	4
Total	45	42	39	61	66	62	64	56
Bakery products								
Bread, cake and pastry	0	0	0	0	0	0	0	0
Biscuit	2	4	3	2	3	2	5	5
Total	2	4	3	2	3	2	5	5
Other food								
Sugar	136	374	370	245 a	159 a	233 a	246 a	159 a
Confectionery	2	2	2	3	12	12	12	8
Food nec	27	23	29	34	46	60	34	36
Total	165	399	401	282	217	306	293	203
Beverages and malt								
Soft drink, cordial and syrup	1	1	1	0	1	2	0	1
Beer and malt	2	1	1	1	1	1	1	0
Wine	106	150	238	289	403	594	780	1 010
Spirit	0	0	0	0	1	1	7	2
Total	109	152	241	290	406	598	788	1 013
Total food and beverage								
Minimally transformed	24	36	95	154	162	162	175	138
Substantially transformed	1 048	1 463	1 855	2 116	2 407	3 456	4 125	3 696
Elaborately transformed	4	6	5	5	15	15	18	14
Total	1 076	1 505	1 955	2 275	2 584	3 633	4 318	3 848

a Includes ABARE estimates where ABS confidentiality restrictions apply.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.14 Australian food exports to EU member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	0	0	0	0	0	1	1	0
Fish or shellfish	3	5	4	6	8	6	7	7
Horticulture								
Vegetables	13	8	22	18	9	13	23	21
Fruit and nuts	8	9	20	18	20	28	23	22
Total	20	17	42	36	29	42	46	42
Grains a								
Oilseeds	7	9	56	147	21	140	43	12
Food nec	7	5	6	9	6	6	7	8
Substantially and elaborately transformed								
Meat								
Meat processing	213	197	222	229	203	240	238	199
Poultry processing	0	0	0	1	1	1	1	0
Bacon, ham and smallgoods	11	10	9	18	14	5	3	1
Total	223	207	231	247	218	247	243	200
Seafood								
Seafood	31	12	18	35	34	42	29	40
Dairy								
Milk and cream processing	0	2	4	3	7	5	3	4
Ice cream	0	0	0	0	0	0	0	0
Other dairy products	36	58	67	95	119	174	80	99
Total	36	59	72	98	126	179	83	103
Fruit and vegetables								
Fruit and vegetables	95	85	77	77	68	72	81	91
Oil and fat								
Oil and fat	1	1	2	2	3	3	3	1
Flour mill and cereal food								
Flour mill products	0	0	0	1	1	1	1	1
Cereal food and baking mix	2	3	5	4	4	7	5	5
Total	2	3	5	4	5	8	6	6
Bakery products								
Bread, cake and pastry	0	0	1	0	0	1	0	0
Biscuit	0	0	2	1	1	2	3	7
Total	0	1	3	1	1	2	4	7
Other food								
Sugar	13	8	10	1 a	0 a	2 a	1 a	2 a
Confectionery	1	0	2	1	3	1	1	2
Food nec	24	32	36	31	30	51	35	38
Total	37	41	48	33	34	53	37	41
Beverages and malt								
Soft drink, cordial and syrup	1	1	1	1	1	1	0	1
Beer and malt	1	1	1	2	3	2	7	0
Wine	275	330	477	612	781	935	1 077	1 140
Spirit	4	1	0	2	4	4	4	3
Total	281	333	479	616	788	942	1 089	1 144
Total food and beverage								
Minimally transformed	84	115	212	247	185	353	276	136
Substantially transformed	706	740	930	1 113	1 274	1 545	1 568	1 624
Elaborately transformed	1	1	5	2	3	4	6	9
Total	791	857	1 146	1 362	1 462	1 902	1 850	1 770

a Includes ABARE estimates where ABS confidentiality restrictions apply.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.15 Australian total food exports, by destination

	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m
Canada	446	447	400	550	644	595
China	483	656	672	688	1 051	753
Chinese Taipei	608	676	724	740	700	644
Egypt	120	231	259	300	243	152
Germany	125	181	142	239	123	116
Hong Kong, China	587	613	704	885	897	760
Indonesia	833	595	700	1 005	1 150	995
Japan	3 842	3 816	4 164	4 807	4 757	4 418
Korea, Rep. Of	730	830	852	1 012	1 143	1 192
Malaysia	830	764	780	967	1 083	797
New Zealand	609	655	701	830	928	1 009
Philippines	500	610	635	696	636	461
Saudi Arabia	267	411	275	547	796	560
Singapore	414	411	518	582	662	597
Thailand	260	272	277	337	349	289
United Arab Emirates	260	284	262	325	297	232
United States	1 366	1 672	2 054	2 890	3 451	3 088
United Kingdom	599	724	796	971	1 113	1 103

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

3.16 Australian food exports to selected countries

	Japan		United States		United Kingdom	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	13	6	1	1	0	0
Fish or shellfish	416	399	29	24	1	1
Horticulture						
Vegetables	46	41	0	0	7	3
Fruit and nuts	32	31	42	51	13	14
Total	77	72	42	51	20	18
Grains a						
Oilseeds	227	254	80	33	32	2
Food nec	8	31	3	3	1	1
Substantially and elaborately transformed						
Meat						
Meat processing	1 640	1 674	2 142	1 671	108	115
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	28	27	1	2	0	0
Total	1 669	1 701	2 143	1 672	108	115
Seafood						
	254	229	102	129	1	1
Dairy						
Milk and cream processing	90	59	4	1	0	0
Ice cream	13	12	0	0	0	0
Other dairy products	470	308	158	134	22	16
Total	573	379	162	135	22	16
Fruit and vegetables						
	104	95	47	29	23	33
Oil and fat						
	19	18	3	4	1	0
Flour mill and cereal food						
Flour mill products	33	38	56	49	1	0
Cereal food and baking mix	32	25	2	3	4	4
Total	64	63	58	52	5	4
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	6	9	4	4	3	7
Total	7	9	4	4	4	7
Other food						
Sugar a	277	208	82	75	0	0
Confectionery	88	72	10	6	0	1
Food nec	233	223	28	29	22	26
Total	598	503	121	111	22	28
Beverage and malt						
Soft drink, cordial and syrup	3	1	0	1	0	0
Beer and malt	54	52	1	0	4	0
Wine	33	31	652	839	864	876
Spirit	31	25	0	1	0	1
Total	121	110	654	840	868	878
Total food and beverage						
Minimally transformed	1 348	1 312	156	112	59	22
Substantially transformed	3 359	3 065	3 280	2 965	1 049	1 073
Elaborately transformed	51	42	15	11	5	8
Total	4 757	4 418	3 451	3 088	1 113	1 103

Continued

3.16 Australian food exports to selected countries *continued*

	Hong Kong, China		New Zealand		Chinese Taipei	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	1	1	0	1	0	0
Fish or shellfish	319	268	0	1	56	37
Horticulture						
Vegetables	13	10	8	13	11	7
Fruit and nuts	161	127	14	16	32	31
Total	173	137	23	29	43	38
Grains a	0	9	91	104	48	61
Oilseeds	0	0	4	3	2	2
Food nec	3	0	2	1	6	1
Substantially and elaborately transformed						
Meat						
Meat processing	46	34	68	88	199	216
Poultry processing	4	3	0	0	0	0
Bacon, ham and smallgoods	2	2	4	4	0	0
Total	52	38	72	91	199	216
Seafood						
	146	123	5	5	89	54
Dairy						
Milk and cream processing	38	33	18	15	124	108
Ice cream	2	1	9	10	0	0
Other dairy products	34	29	11	16	28	28
Total	74	63	38	42	152	136
Fruit and vegetables						
	11	11	89	100	6	6
Oil and fat						
	38	29	36	38	1	1
Flour mill and cereal food						
Flour mill products	9	9	19	24	7	7
Cereal food and baking mix	6	6	53	62	2	6
Total	15	15	72	86	9	13
Bakery products						
Bread, cake and pastry	2	0	3	2	0	0
Biscuit	4	3	45	39	0	0
Total	6	3	48	41	0	0
Other food						
Sugar a	2	2	85	68	48	45
Confectionery	12	12	66	71	10	12
Food nec	23	31	173	177	24	16
Total	37	44	325	316	83	73
Beverage and malt						
Soft drink, cordial and syrup	2	1	13	34	1	1
Beer and malt	2	1	10	2	1	0
Wine	18	15	84	100	3	4
Spirit	1	1	17	14	0	1
Total	23	17	125	150	5	6
Total food and beverage						
Minimally transformed	497	416	120	141	155	139
Substantially transformed	383	320	695	750	534	493
Elaborately transformed	17	24	113	118	12	12
Total	897	760	928	1 009	700	644

Continued

3.16 Australian food exports to selected countries *continued*

	Philippines		China		Malaysia	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	62	33	6	10	44	31
Fish or shellfish	0	0	17	18	3	2
Horticulture						
Vegetables	3	3	1	0	49	42
Fruit and nuts	0	0	2	3	69	58
Total	3	3	3	3	118	100
Grains a						
Oilseeds	1	1	138	21	12	0
Food nec	2	0	2	0	1	1
Substantially and elaborately transformed						
Meat						
Meat processing	63	43	67	65	73	66
Poultry processing	1	1	2	0	0	0
Bacon, ham and smallgoods	1	0	25	31	0	0
Total	65	44	94	97	73	66
Seafood						
	0	0	53	57	7	6
Dairy						
Milk and cream processing	286	184	75	52	176	132
Ice cream	0	0	1	1	0	0
Other dairy products	53	45	21	28	33	27
Total	339	229	96	81	209	160
Fruit and vegetables						
	11	10	5	4	13	10
Oil and fat						
	2	1	6	6	2	3
Flour mill and cereal food						
Flour mill products	9	9	2	2	8	8
Cereal food and baking mix	6	4	2	2	3	4
Total	15	13	4	5	11	11
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	2	4	1	1	1	0
Total	2	4	1	1	1	0
Other food						
Sugar a	16	8	88	99	345	236
Confectionery	20	25	8	7	8	8
Food nec	24	15	17	10	25	28
Total	61	48	113	116	378	271
Beverage and malt						
Soft drink, cordial and syrup	1	0	0	0	0	1
Beer and malt	36	34	1	1	8	9
Wine	2	3	3	4	12	14
Spirit	5	8	0	0	1	1
Total	44	45	3	4	21	25
Total food and beverage						
Minimally transformed	96	66	676	384	368	242
Substantially transformed	519	369	363	361	707	546
Elaborately transformed	21	25	12	8	8	8
Total	636	461	1 051	753	1 083	797

Continued

3.16 Australian food exports to selected countries *continued*

	Singapore		Republic of Korea		Saudi Arabia	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	3	3	1	2	154	186
Fish or shellfish	7	4	1	1	0	0
Horticulture						
Vegetables	34	32	4	4	0	1
Fruit and nuts	6 8	57	2	4	3	2
Total	102	88	7	8	3	3
Grains a	24	17	317	344	191	38
Oilseeds	0	0	22	7	2	0
Food nec	1	1	1	0	0	0
Substantially and elaborately transformed						
Meat						
Meat processing	180	173	380	399	142	101
Poultry processing	1	0	0	0	0	0
Bacon, ham and smallgoods	1	1	0	0	0	0
Total	181	174	381	399	142	101
Seafood	50	43	1	1	0	0
Dairy						
Milk and cream processing	111	91	12	10	54	32
Ice cream	2	2	3	0	0	0
Other dairy products	4 4	42	77	75	166	113
Total	157	135	91	85	220	144
Fruit and vegetables	15	12	4	4	13	13
Oil and fat	7	7	5	3	0	0
Flour mill and cereal food						
Flour mill products	4	3	5	2	0	0
Cereal food and baking mix	4	5	1	1	1	1
Total	8	8	5	3	1	1
Bakery products						
Bread, cake and pastry	1	0	0	0	0	0
Biscuit	3	3	0	0	0	0
Total	4	4	0	0	0	0
Other food						
Sugar a	29	20	211	242	58	61
Confectionery	1 1	13	13	19	6	6
Food nec	29	29	32	24	7	6
Total	70	62	256	286	70	73
Beverage and malt						
Soft drink, cordial and syrup	1	1	0	1	0	0
Beer and malt	7	11	47	44	0	0
Wine	24	25	3	4	0	0
Spirit	1	1	1	1	0	0
Total	34	39	51	49	0	0
Total food and beverage						
Minimally transformed	137	113	349	362	349	227
Substantially transformed	513	468	785	817	441	327
Elaborately transformed	13	15	9	13	6	7
Total	662	597	1 143	1 192	796	560

Continued

3.16 Australian food exports to selected countries *continued*

	Canada		Thailand		Egypt	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	1	1	1	0	126	69
Fish or shellfish	1	0	3	3	1	0
Horticulture						
Vegetables	0	0	5	4	0	0
Fruit and nuts	7	10	7	8	0	0
Total	7	10	12	12	0	0
Grains a	0	0	78	82	3	2
Oilseeds	2	2	0	1	0	0
Food nec	1	1	0	0	0	0
Substantially and elaborately transformed						
Meat						
Meat processing	293	281	6	8	2	3
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0
Total	294	281	7	8	2	3
Seafood	3	3	18	5	1	1
Dairy						
Milk and cream processing	4	0	112	75	17	8
Ice cream	0	0	0	0	0	0
Other dairy products	14	8	35	24	32	27
Total	17	8	147	99	49	35
Fruit and vegetables	18	23	7	4	55	35
Oil and fat	0	1	1	1	0	0
Flour mill and cereal food						
Flour mill products	0	0	11	6	0	0
Cereal food and baking mix	1	1	1	2	2	1
Total	1	1	12	8	2	1
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	1	1	1	2	0	0
Total	1	1	2	2	0	0
Other food						
Sugar a	164	84	1	2	0	0
Confectionery	2	2	5	5	1	1
Food nec	5	6	12	17	3	4
Total	171	92	18	24	4	5
Beverage and malt						
Soft drink, cordial and syrup	0	0	0	0	0	0
Beer and malt	0	0	35	31	0	0
Wine	128	169	3	4	0	0
Spirit	1	2	7	3	0	0
Total	128	171	45	38	0	0
Total food and beverage						
Minimally transformed	12	15	94	100	130	72
Substantially transformed	630	577	250	184	113	79
Elaborately transformed	3	3	5	5	1	1
Total	644	595	349	289	243	152

Continued

3.16 Australian food exports to selected countries *continued*

	Indonesia		Germany		United Arab Emirates	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	206	157	0	0	37	20
Fish or shellfish	2	1	1	0	0	0
Horticulture						
Vegetables	4	4	8	2	6	7
Fruit and nuts	28	32	1	1	11	11
Total	32	36	9	3	17	18
Grains a	545	451	0	0	89	61
Oilseeds	0	0	1	2	0	0
Food nec	1	5	4	5	0	1
Substantially and elaborately transformed						
Meat						
Meat processing	74	84	28	15	68	66
Poultry processing	1	0	0	0	0	0
Bacon, ham and smallgoods	1	2	1	0	0	0
Total	76	86	29	15	68	67
Seafood						
Seafood	1	1	1	1	1	0
Dairy						
Milk and cream processing	92	74	0	1	12	9
Ice cream	0	0	0	0	0	0
Other dairy products	58	37	6	5	34	29
Total	150	111	6	6	46	38
Fruit and vegetables						
Fruit and vegetables	11	10	19	22	10	6
Oil and fat						
Oil and fat	3	3	1	0	1	1
Flour mill and cereal food						
Flour mill products	34	36	0	0	1	0
Cereal food and baking mix	1	1	0	0	1	1
Total	35	38	0	0	1	1
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	1	0	0	0	0	0
Total	1	0	0	0	0	0
Other food						
Sugar a	28	52	0	0	0	0
Confectionery	5	6	0	0	5	8
Food nec	37	24	2	2	8	6
Total	70	82	2	2	14	14
Beverage and malt						
Soft drink, cordial and syrup	1	0	0	0	0	0
Beer and malt	11	8	2	0	9	0
Wine	5	4	47	58	3	4
Spirit	0	0	2	0	0	0
Total	18	13	50	59	13	4
Total food and beverage						
Minimally transformed	786	650	15	10	143	101
Substantially transformed	359	339	108	106	148	123
Elaborately transformed	5	6	0	0	6	8
Total	1 150	995	123	116	297	232

a Includes ABARE estimate where ABS confidentiality restrictions apply.

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

4.1 Australian food imports

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	19	12	13	1	1	0	1	0
Fish or shellfish	25	25	30	31	35	37	37	41
Horticulture								
Vegetables	17	16	19	24	27	26	24	27
Fruit and nuts	79	77	90	94	99	110	117	115
Total	96	93	109	118	126	136	141	142
Grains	14	1	3	1	1	0	0	65
Oilseeds	52	38	40	29	23	24	21	61
Food nec	167	141	186	172	155	114	59	72
Substantially and elaborately transformed								
Meat								
Meat processing	30	50	42	51	133	105	206	172
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	26	29	33	28	29	31	36	39
Total	56	79	75	79	161	136	242	211
Seafood								
Seafood	579	584	666	720	751	843	865	923
Dairy								
Milk and cream processing	23	19	25	33	29	37	29	34
Ice cream	5	13	15	33	17	21	15	22
Other dairy products	176	172	188	207	230	261	277	275
Total	204	204	228	273	276	319	321	331
Fruit and vegetables								
Fruit and vegetables	575	590	620	715	719	753	812	899
Oil and fat								
Oil and fat	267	258	253	288	271	275	280	357
Flour mill and cereal food								
Flour mill products	63	71	55	48	79	77	22	41
Cereal food and baking mix	96	111	141	149	139	196	226	236
Total	159	182	196	197	219	273	248	277
Bakery products								
Bread, cake and pastry	41	49	63	76	81	92	57	29
Biscuit	51	55	58	62	80	82	106	152
Total	92	103	120	138	161	174	163	180
Other food								
Sugar	7	7	7	9	11	12	16	20
Confectionery	155	183	215	208	213	224	222	245
Food nec	487	498	618	729	757	858	923	1 033
Total	649	688	841	945	981	1 094	1 160	1 298
Beverage and malt								
Soft drink, cordial and syrup	246	252	286	276	330	405	421	461
Beer and malt	21	26	32	44	42	52	66	78
Wine	61	67	94	103	114	92	116	139
Spirit	189	191	216	232	252	330	351	327
Total	517	536	627	654	737	880	954	1 005
Total food and beverage								
Minimally transformed	371	310	380	352	342	312	260	382
Substantially transformed	2 962	3 132	3 507	3 893	4 140	4 604	4 874	5 278
Elaborately transformed	136	91	117	117	136	143	172	204
Total	3 470	3 533	4 005	4 361	4 618	5 059	5 306	5 863

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

4.2 Australian food imports from APEC member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	18	4	0	0	1	0	0	0
Fish or shellfish	22	24	29	30	34	36	37	41
Horticulture								
Vegetables	15	13	15	19	23	23	22	25
Fruit and nuts	65	62	74	73	78	81	97	93
Total	80	75	89	93	102	104	119	118
Grains	14	1	3	1	1	0	0	11
Oilseeds	39	36	34	22	22	19	17	36
Food nec	85	78	96	88	70	52	33	33
Substantially and elaborately transformed								
Meat								
Meat processing	30	50	41	49	72	64	118	107
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	18	23	26	22	22	25	29	30
Total	48	73	68	71	94	88	148	138
Seafood	433	428	502	524	542	592	588	616
Dairy								
Milk and cream processing	21	19	25	32	27	36	28	33
Ice cream	4	6	11	18	12	16	12	20
Other dairy products	106	102	116	134	155	183	190	186
Total	132	127	151	184	195	235	230	239
Fruit and vegetables	315	335	333	357	361	396	408	458
Oil and fat	126	118	138	153	135	116	128	152
Flour mill and cereal food								
Flour mill products	58	67	50	43	66	70	16	30
Cereal food and baking mix	66	80	103	105	95	118	142	149
Total	123	147	153	148	161	188	158	179
Bakery products								
Bread, cake and pastry	25	27	40	54	51	63	40	22
Biscuit	28	29	29	34	49	50	66	89
Total	53	56	69	89	100	113	106	111
Other food								
Sugar	5	6	6	6	8	8	10	13
Confectionery	46	61	88	87	92	108	102	112
Food nec	273	210	267	311	318	379	581	627
Total	324	277	361	404	418	496	694	751
Beverage and malt								
Soft drink, cordial and syrup	35	20	23	28	54	75	74	90
Beer and malt	6	8	9	10	11	14	19	22
Wine	8	10	17	18	25	22	37	54
Spirit	63	64	79	92	105	144	148	130
Total	112	102	127	148	195	256	278	296
Total food and beverage								
Minimally transformed	258	218	251	234	229	212	206	239
Substantially transformed	1 619	1 612	1 838	2 010	2 114	2 393	2 640	2 818
Elaborately transformed	47	50	64	67	85	87	98	120
Total	1 924	1 880	2 153	2 311	2 428	2 692	2 944	3 178

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

4.3 Australian food imports from ASEAN member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	0	0	0	0	0	0	0	0
Fish or shellfish	0	0	1	1	1	1	1	1
Horticulture								
Vegetables	1	2	2	3	2	3	3	3
Fruit and nuts	1	2	2	2	2	2	3	2
Total	3	4	4	5	4	5	6	6
Grains	0	0	0	0	0	0	0	0
Oilseeds	0	0	0	0	1	1	1	0
Food nec	27	22	23	29	13	14	8	7
Substantially and elaborately transformed								
Meat								
Meat processing	0	0	0	0	0	0	0	0
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Seafood	223	228	276	285	293	317	310	309
Dairy								
Milk and cream processing	0	0	0	0	0	0	0	0
Ice cream	0	0	0	0	2	4	1	0
Other dairy products	0	0	0	0	0	0	0	0
Total	0	0	0	0	3	4	1	0
Fruit and vegetables	69	79	77	85	84	82	79	92
Oil and fat	113	103	121	134	115	100	110	123
Flour mill and cereal food								
Flour mill products	1	2	1	2	2	2	2	7
Cereal food and baking mix	34	45	54	52	48	61	53	62
Total	35	47	55	54	50	63	55	69
Bakery products								
Bread, cake and pastry	6	6	5	6	7	9	6	5
Biscuit	4	5	8	14	25	25	24	28
Total	10	10	13	20	32	33	30	33
Other food								
Sugar	1	2	2	2	3	2	3	5
Confectionery	4	4	11	13	15	14	15	20
Food nec	119	110	149	174	157	147	202	240
Total	125	116	162	188	174	163	220	265
Beverage and malt								
Soft drink, cordial and syrup	3	3	3	3	3	4	8	6
Beer and malt	0	0	0	1	1	1	1	2
Wine	0	0	0	0	0	0	0	0
Spirit	0	0	0	0	0	0	0	0
Total	4	4	3	3	4	5	9	8
Total food and beverage								
Minimally transformed	30	26	28	35	18	20	16	14
Substantially transformed	575	583	699	755	729	742	790	869
Elaborately transformed	4	5	8	14	26	25	24	29
Total	609	614	736	803	773	787	829	912

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

4.4 Australian food imports from NAFTA member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	17	4	0	0	1	0	0	0
Fish or shellfish	0	0	0	0	0	0	0	0
Horticulture								
Vegetables	6	4	5	6	8	4	4	5
Fruit and nuts	25	26	29	26	25	31	34	35
Total	31	30	34	31	33	35	38	40
Grains	13	0	2	0	0	0	0	11
Oilseeds	29	26	28	13	10	5	5	21
Food nec	2	2	2	1	2	2	2	3
Substantially and elaborately transformed								
Meat								
Meat processing	13	37	31	41	61	57	112	99
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	4	7	11	12	12	12	14	13
Total	17	44	43	53	73	69	126	112
Seafood	62	57	63	66	62	69	51	62
Dairy								
Milk and cream processing	1	0	0	0	0	0	0	0
Ice cream	1	1	0	1	1	1	1	1
Other dairy products	6	4	5	4	3	6	6	6
Total	7	5	5	5	4	7	7	8
Fruit and vegetables	107	108	115	126	127	130	114	118
Oil and fat	5	6	5	6	7	4	4	5
Flour mill and cereal food								
Flour mill products	50	60	42	34	58	59	5	6
Cereal food and baking mix	5	9	13	12	10	13	27	18
Total	56	69	55	46	68	72	32	23
Bakery products								
Bread, cake and pastry	8	7	15	26	23	26	8	2
Biscuit	2	3	3	4	4	6	10	8
Total	9	10	18	30	26	32	18	10
Other food								
Sugar	2	2	2	2	2	3	4	2
Confectionery	19	34	51	47	47	42	21	16
Food nec	54	29	33	39	40	45	91	98
Total	74	65	86	88	88	89	116	115
Beverage and malt								
Soft drink, cordial and syrup	213	219	77	13	13	13	19	39
Beer and malt	5	6	7	8	8	10	13	16
Wine	2	1	1	1	1	1	1	1
Spirit	55	62	69	68	71	95	107	115
Total	275	287	154	89	93	118	140	171
Total food and beverage								
Minimally transformed	92	61	66	46	47	42	45	74
Substantially transformed	606	629	510	479	523	569	593	612
Elaborately transformed	7	22	34	28	26	23	15	13
Total	704	712	610	554	595	633	653	699

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

4.5 Australian food imports from EU member countries

	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	0	0	0	0	0	0	0	0
Fish or shellfish	0	0	0	0	0	0	0	0
Horticulture								
Vegetables	1	0	1	1	1	1	1	1
Fruit and nuts	5	6	7	9	13	9	8	10
Total	5	6	7	10	14	10	9	11
Grains	0	0	0	0	0	0	0	53
Oilseeds	0	0	0	1	0	0	0	0
Food nec	2	4	2	2	2	3	3	3
Substantially and elaborately transformed								
Meat								
Meat processing	0	0	0	2	60	41	88	65
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	7	5	6	5	6	5	5	7
Total	7	5	6	7	66	46	93	71
Seafood	31	32	32	35	34	36	35	39
Dairy								
Milk and cream processing	1	0	1	1	1	2	2	1
Ice cream	1	7	4	15	4	5	3	2
Other dairy products	58	58	60	58	61	63	67	68
Total	59	65	64	74	66	70	72	71
Fruit and vegetables	97	104	121	149	145	145	173	179
Oil and fat	95	93	79	95	110	132	115	157
Flour mill and cereal food								
Flour mill products	5	3	4	4	12	6	3	7
Cereal food and baking mix	24	25	29	31	29	62	67	66
Total	29	28	33	35	41	68	70	73
Bakery products								
Bread, cake and pastry	15	21	20	19	26	26	15	6
Biscuit	9	22	24	23	25	25	33	52
Total	34	42	44	42	51	51	48	58
Other food								
Sugar	1	1	1	2	2	2	2	3
Confectionery	9	105	107	96	93	88	87	97
Food nec	122	93	109	114	152	165	219	220
Total	215	198	217	212	247	254	308	320
Beverage and malt								
Soft drink, cordial and syrup	19	21	197	246	157	48	265	317
Beer and malt	4	18	22	33	30	37	45	54
Wine	47	53	73	80	86	67	76	83
Spirit	109	112	119	131	129	170	187	184
Total	188	205	411	490	402	322	573	638
Total food and beverage								
Minimally transformed	8	11	9	13	16	13	12	67
Substantially transformed	678	740	965	1 101	1 126	1 086	1 434	1 541
Elaborately transformed	77	32	42	37	38	38	53	64
Total	763	783	1 017	1 151	1 180	1 137	1 499	1 673

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

4.6 Australian total food imports, from country of origin

	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
	\$m	\$m	\$m	\$m	\$m	\$m
Brazil	53	82	194	345	130	79
Canada	79	95	112	109	158	148
China	104	114	132	162	229	272
France	95	104	117	103	115	121
India	66	77	64	80	96	110
Indonesia	91	110	89	110	108	130
Ireland	211	254	147	54	274	330
Italy	182	222	215	231	240	287
Malaysia	173	183	160	159	182	204
Netherlands	87	70	101	98	118	112
New Zealand	553	618	704	870	977	1 053
Papua New Guinea	78	64	56	39	29	28
Singapore	108	123	127	105	129	135
Spain	89	99	108	107	101	137
Thailand	330	358	368	386	378	406
United Kingdom	180	216	225	268	294	347
United States	432	432	455	488	455	497
Viet Nam	78	92	109	108	105	153

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

4.7 Australian food imports from selected countries

	New Zealand		United States		Thailand	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	34	38	0	0	0	0
Horticulture						
Vegetables	6	10	4	5	3	3
Fruit and nuts	47	42	34	35	2	2
Total	53	52	38	40	5	4
Grains	0	0	0	10	0	0
Oilseeds	1	1	1	17	1	0
Food nec	0	0	1	1	0	0
Substantially and elaborately transformed						
Meat						
Meat processing	5	7	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	14	16	14	12	0	0
Total	20	24	14	13	0	0
Seafood	134	140	30	38	235	241
Dairy						
Milk and cream processing	26	31	0	0	0	0
Ice cream	9	14	1	1	0	0
Other dairy products	183	177	5	6	0	0
Total	218	222	6	6	0	0
Fruit and vegetables	132	148	99	104	40	45
Oil and fat	9	16	4	5	0	1
Flour mill and cereal food						
Flour mill products	7	7	5	6	2	6
Cereal food and baking mix	30	35	25	17	42	45
Total	37	42	29	22	44	52
Bakery products						
Bread, Cake and pastry	14	13	7	1	1	0
Biscuit	16	30	10	8	13	14
Total	29	43	17	9	13	14
Other food						
Sugar	1	3	3	2	1	2
Confectionery	46	53	18	14	0	0
Food nec	139	155	84	91	38	46
Total	186	211	105	107	39	48
Beverage and malt						
Soft drink, cordial and syrup	42	46	16	27	0	1
Beer and malt	3	3	3	2	0	1
Wine	35	48	1	1	0	0
Spirit	44	20	91	95	0	0
Total	123	116	110	125	1	1
Total food and beverage						
Minimally transformed	88	91	40	69	6	5
Substantially transformed	846	906	401	418	359	388
Elaborately transformed	42	56	14	11	13	14
Total	977	1 053	455	497	378	406

Continued

4.7 Australian food imports from selected countries *continued*

	Ireland		Italy		United Kingdom	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	0	0	0	0	0	0
Horticulture						
Vegetables	0	0	0	0	0	0
Fruit and nuts	0	0	1	6	0	0
Total	0	0	1	6	0	0
Grains	0	0	0	0	0	51
Oilseeds	0	0	0	0	0	0
Food nec	0	0	1	1	1	1
Substantially and elaborately transformed						
Meat						
Meat processing	0	0	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0
Total	0	0	0	0	0	0
Seafood	0	0	4	6	6	8
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	0	0	0	0	0
Other dairy products	0	0	21	18	2	2
Total	0	0	21	18	2	2
Fruit and vegetables	0	0	55	64	10	7
Oil and fat	0	0	39	51	1	1
Flour mill and cereal food						
Flour mill products	0	0	0	0	0	0
Cereal food and baking mix	35	30	24	27	2	4
Total	35	30	24	27	2	4
Bakery products						
Bread, cake and pastry	0	0	4	4	3	0
Biscuit	0	0	2	3	11	18
Total	0	0	6	7	14	19
Other food						
Sugar	0	0	0	0	0	1
Confectionery	0	0	14	15	20	20
Food nec	2	3	35	46	72	71
Total	2	3	48	61	92	91
Beverage and malt						
Soft drink, cordial and syrup	231	282	7	13	2	1
Beer and malt	0	0	1	2	18	18
Wine	0	0	25	25	0	1
Spirit	5	14	7	7	147	142
Total	236	296	40	46	166	162
Total food and beverage						
Minimally transformed	0	0	2	7	1	53
Substantially transformed	274	329	234	276	276	269
Elaborately transformed	0	0	4	4	17	24
Total	274	330	240	287	294	347

Continued

4.7 Australian food imports from selected countries *continued*

	Malaysia		Singapore		China	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	0	0	0	0	0	1
Horticulture						
Vegetables	0	0	0	0	8	6
Fruit and nuts	0	0	0	0	11	12
Total	0	0	0	0	19	18
Grains	0	0	0	0	0	0
Oilseeds	0	0	0	0	10	14
Food nec	1	1	1	0	4	4
Substantially and elaborately transformed						
Meat						
Meat processing	0	0	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	1	1
Total	0	0	0	0	1	1
Seafood	34	29	7	7	32	44
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	0	0	0	1	3
Other dairy products	0	0	0	0	0	0
Total	0	0	0	0	1	4
Fruit and vegetables	3	3	9	8	67	81
Oil and fat	85	101	23	20	2	4
Flour mill and cereal food						
Flour mill products	0	1	0	0	1	7
Cereal food and baking mix	3	3	4	9	13	14
Total	3	4	4	9	14	22
Bakery products						
Bread, cake and pastry	2	1	3	3	9	0
Biscuit	3	4	1	1	12	16
Total	5	5	4	5	21	16
Other food						
Sugar	0	1	0	0	2	2
Confectionery	2	2	7	6	16	20
Food nec	45	55	71	78	38	37
Total	47	58	78	85	55	60
Beverage and malt						
Soft drink, cordial and syrup	4	3	1	1	2	4
Beer and malt	0	0	0	0	0	0
Wine	0	0	0	0	0	0
Spirit	0	0	0	0	0	0
Total	4	3	2	1	2	4
Total food and beverage						
Minimally transformed	1	1	2	1	34	38
Substantially transformed	178	199	127	133	183	219
Elaborately transformed	3	5	1	1	12	16
Total	182	204	129	135	229	272

Continued

4.7 Australian food imports from selected countries *continued*

	Indonesia		France		Spain	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	0	1	0	0	0	0
Horticulture						
Vegetables	0	0	0	0	0	0
Fruit and nuts	0	0	0	1	4	1
Total	0	0	1	1	4	1
Grains	0	0	0	0	0	0
Oilseeds	0	0	0	0	0	0
Food nec	5	5	0	0	0	0
Substantially and elaborately transformed						
Meat						
Meat processing	0	0	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0
Total	0	0	0	0	0	0
Seafood	32	31	0	0	2	4
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	0	1	1	1	1
Other dairy products	0	0	8	8	0	0
Total	0	0	9	9	1	1
Fruit and vegetables	9	12	13	17	21	27
Oil and fat	2	0	1	1	50	75
Flour mill and cereal food						
Flour mill products	0	0	0	1	0	0
Cereal food and baking mix	4	4	2	0	0	0
Total	4	4	3	2	0	0
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	6	8	2	2	0	0
Total	6	8	2	2	0	0
Other food						
Sugar	1	1	0	1	0	0
Confectionery	5	12	5	5	13	17
Food nec	42	56	11	14	5	8
Total	48	69	16	20	19	25
Beverage and malt						
Soft drink, cordial and syrup	1	1	6	7	0	0
Beer and malt	0	0	0	0	0	0
Wine	0	0	43	49	2	3
Spirit	0	0	19	13	0	0
Total	1	1	69	69	3	3
Total food and beverage						
Minimally transformed	6	5	1	2	4	1
Substantially transformed	97	117	110	117	97	135
Elaborately transformed	6	8	4	2	0	0
Total	108	130	115	121	101	137

Continued

4.7 Australian food imports from selected countries *continued*

	Canada		Viet Nam		Brazil	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	0	0	0	0	0	0
Horticulture						
Vegetables	0	0	0	0	0	0
Fruit and nuts	0	0	0	0	0	0
Total	0	0	0	0	0	0
Grains						
Oilseeds	1	1	0	0	0	0
Food nec	0	1	13	20	10	11
Substantially and elaborately transformed						
Meat						
Meat processing	112	99	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0
Total	112	99	0	0	0	0
Seafood						
	21	24	47	76	0	0
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	1	0	0	0	0
Other dairy products	0	0	0	0	0	0
Total	1	1	0	0	0	0
Fruit and vegetables						
	5	5	39	50	39	53
Oil and fat						
	0	1	0	0	0	1
Flour mill and cereal food						
Flour mill products	0	0	0	0	0	0
Cereal food and baking mix	2	1	1	1	1	1
Total	2	1	1	1	1	1
Bakery products						
Bread, cake and pastry	1	0	0	0	0	0
Biscuit	0	0	1	1	0	1
Total	1	1	1	1	0	1
Other food						
Sugar	0	0	0	0	0	0
Confectionery	2	2	0	0	2	2
Food nec	7	6	3	4	10	10
Total	9	7	3	4	12	12
Beverage and malt						
Soft drink, cordial and syrup	3	3	0	0	68	0
Beer and malt	0	0	0	0	0	0
Wine	0	0	0	0	0	0
Spirit	3	3	0	0	0	0
Total	6	5	0	0	68	0
Total food and beverage						
Minimally transformed	2	3	13	20	10	11
Substantially transformed	155	144	91	131	120	67
Elaborately transformed	1	1	1	1	1	1
Total	158	148	105	153	130	79

Continued

4.7 Australian food imports from selected countries *continued*

	Netherlands		India		Papua New Guinea	
	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m	2001-02 \$m	2002-03 \$m
Minimally transformed						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	0	0	0	0	1	1
Horticulture						
Vegetables	1	0	0	0	0	0
Fruit and nuts	0	0	0	0	0	0
Total	1	0	1	0	0	0
Grains	0	0	0	0	0	0
Oilseeds	0	0	3	1	0	0
Food nec	0	0	7	6	15	16
Substantially and elaborately transformed						
Meat						
Meat processing	0	0	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	4	6	0	0	0	0
Total	4	6	0	0	0	0
Seafood	1	1	42	42	6	6
Dairy						
Milk and cream processing	1	1	0	0	0	0
Ice cream	0	0	0	0	0	0
Other dairy products	9	8	0	0	0	0
Total	10	9	0	0	0	0
Fruit and vegetables	12	14	22	22	0	0
Oil and fat	2	3	2	2	0	0
Flour mill and cereal food						
Flour mill products	1	2	1	2	0	0
Cereal food and baking mix	0	0	5	5	0	0
Total	1	2	6	7	0	0
Bakery products						
Bread, cake and pastry	1	0	1	0	0	0
Biscuit	2	5	1	2	0	0
Total	4	5	2	2	0	0
Other food						
Sugar	0	0	0	0	0	0
Confectionery	4	6	0	1	0	0
Food nec	61	44	11	26	6	5
Total	65	50	12	27	6	5
Beverage and malt						
Soft drink, cordial and syrup	1	2	0	0	0	0
Beer and malt	14	17	0	0	0	0
Wine	0	0	0	0	0	0
Spirit	4	3	0	0	1	0
Total	19	22	0	0	1	0
Total food and beverage						
Minimally transformed	1	1	10	7	16	17
Substantially transformed	115	106	85	101	13	11
Elaborately transformed	3	5	1	2	0	0
Total	118	112	96	110	29	28

Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

Australian Food Statistics 2004

INTERIM

The food industry is Australia's largest manufacturing sector, producing a wide range of world class products for a variety of markets.

Australian Food Statistics 2004—Interim provides up-to-date data on the Australian food industry's performance, from 'the paddock to the plate'.

The Australian Government Department of Agriculture, Fisheries and Forestry has policy responsibility for the entire food production and processing chain. The Department is working with the industry for improved international competitiveness, innovation and an export focus.

For further information or to provide feedback please contact:

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