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This report was produced by ABARE for Agriculture, Fisheries and Forestry – Australia.

Foreword

I welcome the second edition of *Australian Food Statistics*. It provides a wide ranging set of data on food industry production and trade throughout the supply chain, from the farm gate to retail sale. It captures all levels of processing, from raw agricultural product to highly processed food.

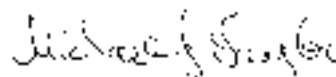
This book is designed to meet the information needs of the food industry, policy makers and researchers in analysing and capturing the many opportunities currently presented to the industry.

The food industry is a vital part of the Australian economy. In addition to contributing a significant trade surplus every year, the food industry is an important provider of employment and business opportunities, particularly in rural and regional Australia. With highly value added products accounting for around 75 per cent of the global trade in food it is clear that the food industry is at the forefront of Australia's future opportunities.

The Australian government and the food, agriculture and seafood industries are currently developing a National Food Industry Strategy which builds on analysis of the competitiveness of the food industry

in an increasingly globalised environment. The strategy will enable government and industry to capitalise on emerging opportunities and pursue the removal of impediments to growth.

A major source of competitive advantage will be the development of innovative approaches to exporting and marketing, new processes and new products. Access to relevant, timely information on the whole food chain is vital to identifying future opportunities and measuring business performance. By providing essential data, this book plays an important role in underpinning the National Food Industry Strategy and will encourage the development of a sustainable and globally competitive Australian food industry.



MICHAEL J TAYLOR
Secretary
Agriculture, Fisheries and Forestry –
Australia
June 2001

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preparation of this book included Perry Smith, Max Foster, Roger Van Hilst, Nilufar Jahan, Joost Hilkemeijer, Alistair Peat, Sherry Paterson, Richard Brownlee and Geoff Armitage.

Contents

Overview of the Australian food industry, 2001	1
Contribution of the food industry to the economy	1
Food processing	3
Food retailing	3
Food exports	4
Australian food imports	7
References	7
ASEAN food trade	9
Introduction	9
ASEAN objectives	9
Key economic characteristics of the region	9
Recent economic performance of the region	9
Food consumption and trade dependence	10
ASEAN trade	11
ASEAN food trade	13
Australian food trade with ASEAN countries	13
Growth prospects	14
Conclusions	18
References	18
Statistical tables	
About the data	21
Selected information sources	23

Figures

Overview

A	Composition of Australia's food exports, by value	4
B	Share of Australian food exports, by selected country	5
C	Real value of Australian dairy exports	6
D	Value of Australian dairy exports, by destination, 1999–2000	6
E	Major horticultural food export destinations, by value	7
F	Value of Australian seafood exports	7

ASEAN food trade

A	Trends in calorie and protein intake, ASEAN countries	11
B	Net trade in food types, ASEAN countries	11
C	Trends in the value of ASEAN food trade	13
D	Composition of Australian food exports to ASEAN	14
E	Trends in net trade of the ASEAN countries	15

Tables

Overview

1	Productivity growth and terms of trade	2
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ASEAN food trade

1	Selected demographic and economic indicators – ASEAN countries	10
2	Tariff rates applied by key ASEAN countries on non-ASEAN imports	12
3	Shares and growth rates for the value of ASEAN food trade, by country	13

Statistical appendix tables

1. Agricultural food production

1.1	Agricultural food production, by commodity	29
1.2	Value of agricultural food production, by commodity	31
1.3	Number of enterprises engaged in agricultural food production	33
1.4	Employment in agricultural food production	34

2. Supply and use of selected foods

2.1	Supply and use of Australian wheat, canola and pulses	35
2.2	Supply and use of Australian coarse grains	36
2.3	Supply and use of Australian dairy products	37
2.4	Supply and use of Australian meats	38
2.5	Supply and use of selected Australian horticultural products	39

3. Australian food processing industry

3.1	Summary statistics for the Australian processed food industry	41
3.2	New South Wales processed food industry: summary statistics	42
3.3	Victorian processed food industry: summary statistics	43
3.4	Queensland processed food industry: summary statistics	44
3.5	Western Australian processed food industry: summary statistics	45

3.6	South Australian processed food industry: summary statistics	46
3.7	Tasmanian processed food industry: summary statistics	47
4.	Food retail sector	
4.1	Retail food turnover, by state and category	48
4.2	Consumer price index for food groups	50
4.3	Average retail prices of selected foods	51
4.4	Apparent consumption of selected foods Australia	52
5.	Australian food exports	
5.1	Australian food exports, by level of transformation	54
5.2	Australian grain exports, by level of transformation	55
5.3	Australian meat and livestock exports, by level of transformation	56
5.4	Australian dairy exports, by level of transformation	57
5.5	Australian seafood exports, by level of transformation	58
5.6	Selected Australian fruit and nut exports, by level of transformation	59
5.7	Selected Australian vegetable exports, by level of transformation	60
5.8	Australian food exports, by level of transformation and state, 1999-2000	61
5.9	Australian food exports to APEC member countries	62
5.10	Australian food exports to ASEAN member countries	63
5.11	Australian food exports to NAFTA member countries	64
5.12	Australian food exports to EU member countries	65
5.13	Australian food exports to selected countries	66
6.	Australian food imports	
6.1	Australian food imports by level of transformation	72
6.2	Australian food imports from APEC member countries	73
6.3	Australian food imports from ASEAN member countries	74
6.4	Australian food imports from NAFTA member countries	75
6.5	Australian food imports from EU member countries	76
6.6	Australian food imports from selected countries	77
7.	World food exports	
7.1	World trade in processed food, by major exporting countries	83
7.2	Value of food exports, European Union	85
7.3	Value of food exports, NAFTA	87
7.4	Value of food exports, APEC	89
7.5	Value of food exports, ASEAN	91
7.6	Value of food exports, United States	93
7.7	Value of food exports, France	95
7.8	Value of food exports, Netherlands	97
7.9	Value of food exports, Germany	99
7.10	Value of food exports, Belgium-Luxembourg	101

8.	World food imports	
8.1	Value of world trade in processed food, by major importing countries	103
8.2	World trade in processed food, by level of transformation	105
8.3	Value of food imports, European Union	107
8.4	Value of food imports, NAFTA	109
8.5	Value of food imports, APEC	111
8.6	Value of food imports, ASEAN	113
8.7	Value of food imports, United States	115
8.8	Value of food imports, Japan	117
8.9	Value of food imports, Germany	119
8.10	Value of food imports, United Kingdom	121
8.11	Value of food imports, France	123
9.	Food balance sheets	
9.1	Supply and consumption of alcoholic beverages, by selected country	125
9.2	Supply and consumption of cereals, by selected country	127
9.3	Supply and consumption of starchy roots, by selected country	129
9.4	Supply and consumption of sweeteners, by selected country	131
9.5	Supply and consumption of pulses, by selected country	133
9.6	Supply and consumption of vegetables, by selected country	135
9.7	Supply and consumption of fruit, by selected country	137
9.8	Supply and consumption of meat, by selected country	139
9.9	Supply and consumption of eggs, by selected country	141
9.10	Supply and consumption of seafood, by selected country	143
9.11	Supply and consumption of milk, by selected country	145
9.12	Supply and consumption of vegetable oils, by selected country	147
9.13	Supply and consumption of animal fats, by selected country	149
10	Selected economic and demographic information – key countries	151

Overview of the Australian food industry, 2001

Food consumption patterns change in response to a variety of factors, including income, relative prices, demographic and ethnic mix, lifestyle and taste changes. Changes occur in the foods eaten and where and how they are consumed. As a result, the food industry — ranging from primary producers and their input suppliers, to the processing, transport, export, import and domestic retailing sectors — is constantly evolving in response to demand and supply changes, in both Australian and overseas markets.

The purpose in this publication is to provide a statistical overview of the food industry and highlight some of the key developments.

The food industry is a core activity in the Australian economy. Retail sales of food make up around 43 per cent of total merchandise retail sales, while food production contributes around 3 per cent and food processing a further 2 per cent of domestic economic activity as measured by gross domestic product. Food exports are an important part of Australian trade. In 1999-2000 exports of food commodities were valued at A\$20.2 billion fob, 21 per cent of the value of Australia's merchandise exports (see table 5.1 in the statistical appendix).

The composition of Australian food exports is constantly evolving in response to changing international market demands. While Australia's main food trade is focused on north Asian Pacific rim countries, new markets are emerging. Food exports to the Association of South East Asian Nations (ASEAN) market grew at nearly 5 per cent a year in real terms over the 1990s and now represent 18 per cent of the value of Australia's food exports. With Australia further strengthening relationships in the region, the nature of ASEAN

food trade is relevant to the Australian industry. Some key features of food trade in the ASEAN region are outlined in the following article of this publication.

Contribution of the food industry to the economy

Food production by the Australian agriculture and fisheries sectors in 1998-99 had an estimated gross value of around \$23 billion (which excludes the gross value of a number of smaller food industries). Over the 1990s, there was an increased focus on production of food products, with the contribution of food production to total gross value of agriculture and fisheries rising from 67 per cent in 1989-90 to 80 per cent in 1998-99. Part of this increase was caused by the contraction in the sheep flock following the downturn in wool markets and the switch into increased cropping activities in farm programs.

Over the 1990s the total value of agricultural food production increased by around 16 per cent in constant dollar terms. This largely reflected higher production, as prices received for most agricultural products had fallen. Overall, real prices received by Australian farmers for all agricultural products fell by 12 per cent between 1989-90 and 1998-99 (ABARE 2000), with greater falls for some major products. For example, while the total value of wheat production increased by around 14 per cent over the period, the volume of production increased by 55 per cent and the average gross return per tonne fell by around 33 per cent in constant dollar terms.

The production sector has maintained a strong focus on productivity growth to deal with the ongoing cost-price pressures. Productivity growth comes from technological change and the adoption of better

production methods and captures the growth that is not explained by the growth in inputs used in that production. Over the period 1977-78 to 1998-99 annual output from the cropping and dairy sectors increased by 4.8 per cent and 4.1 per cent respectively (table 1). However, in the dairy sector over 60 per cent of output growth was associated with increased use of purchased inputs while only a quarter of the increased output in the cropping sector was associated with a greater use of purchased inputs.

Productivity growth in the cropping sector averaged around 3.6 per cent a year over the 22 year period to 1998-99 but was at its strongest in the late 1990s. In general, livestock industries have not had the same scope as cropping industries to make gains from larger scale farming and associated technologies. As a result, growth in productivity on livestock specialist farms (ranging from 2.1 per cent for beef, 1.6 per cent for dairy farms to 0.6 per cent for specialist sheep producers) was lower than on crop specialist farms (Knopke, O'Donnell and Shepherd 2000).

The production base also diversified in the 1990s, with increased emphasis on oilseeds, horticulture and aquaculture. And a wide range of 'new' products, including wine, canola, tropical fruits, Asian vegetables, organic foods and fish aquaculture, emerged. For example, the strong market growth of canola associated with its high monosaturated oil and Omega3 fatty acid content and favorable grower returns resulted in production increasing from 0.2

million tonnes in 1992-93 to an estimated 2.4 million tonnes in 1999-2000. Canola also provides benefits to farmers in crop rotations.

Between 1989-90 and 1998-99 the number of farms producing food products fell by around 9 per cent to 105 000. While the greatest fall was in the number of specialist sheep farms in the first half of the decade, where farm numbers fell from 25 500 in 1989-90 to 11 200 in 1993-94, the number of specialist grain producers increased from 7200 to 13 000 over the same period. The number of horticultural enterprises rose by 9 per cent over the decade, with the main increases being in grape growing and in tropical fruit production. The number of grape producers increased by 31 per cent between 1994-95 and 1998-99 (table 1.3).

Key changes in farm food production in 1999-2000 included, in the grains industry, a strong movement back to wheat, with a 13 per cent increase in production, a drop in feed grain production, with production of barley and oats falling by 15 and 40 per cent respectively, and canola continuing to increase in importance, with a 43 per cent boost in production (table 1.1). Meat production changes included the continued expansion in poultry meat production (an increase of 17 per cent since 1995-96) and a decline in beef production as cattle herds were rebuilt.

Farm employment

While there has been a long term decline in the number of persons directly employed in agriculture (Garnaut et al. 2001), in recent

I Productivity growth and terms of trade

Annual rates of change 1977-78 to 1998-99

	Outputs %	Inputs %	Productivity %	Terms of trade %
All dairy farms	4.1	2.5	1.6	-1.1
Broadacre				
Wheat and other crops	4.8	1.3	3.6	-3.1
Mixed crops livestock	3.6	1.0	2.6	-2.9
Sheep	1.2	0.6	0.6	-2.4
Beef	2.4	0.3	2.1	-2.1
Sheep-beef	0.4	-0.9	1.4	-2.2
All broadacre farms	3.3	0.7	2.6	-2.9

Source: Martin et al. (2000).

years there have only been small changes overall but more apparent changes in individual industries. Over the five years to 1997-98 the total number of persons employed in agriculture declined by an average 1.1 per cent a year. The largest falls occurred in the sheep-beef and beef specialist industries where employment numbers fell on average by almost 9 per cent and 6 per cent a year respectively.

In 1998-99 there was a strong turnaround in farm employment, with an increase of more than 3 per cent over 1997-98 levels. Employment increased in grain growing industries (up by nearly 15 per cent), the fruit and vegetables industries and in sheep-beef farming (table 1.4).

Food processing

Total sales by the food processing industry in 1998-99 were estimated at \$49.3 billion, with nearly 20 per cent of sales generated from exports. The industry employed around 166 000 people and had direct wages and salary costs of \$6.1 billion in 1998-99.

In net value added terms (turnover *plus* closing inventories *less* opening inventories *less* intermediate input expenses), the food processing industry contributed around \$13.8 billion to the economy. Beverages (including wine) were the largest net contributor, providing 22 per cent of the total, while meat processing contributed 19 per cent, dairy manufacturing 12 per cent, bakery industries 10 per cent and flour milling 7 per cent.

Despite significant cost-price pressures and with a slowing in the growth in sales, the processed food industry recorded an improvement in industry performance in 1999-2000. While total sales turnover increased by 3.7 per cent between 1998-99 and 1999-2000, the processed food industry net value added increased by 5.1 per cent. Overall, wages and salary cost increased by less than 1 per cent from the previous year.

Economic performance varied widely between sectors. The dairy processing sector and the flour milling and cereal product manufacturing sectors performed strongly in 1999-2000, recording improvements in net value added of 19 per cent and 20 per cent respectively, driven mainly by

increased domestic and export sales. Against this, the net value added by the meat processing sector fell by nearly 6 per cent overall, mainly because labor costs rose in both the abattoir and the smallgoods industries. However, the net value added by the chicken processing industry increased by over 50 per cent.

In comparison, after strong growth in net value added by the wine making industry of nearly 30 per cent in 1997-98 and 18 per cent in 1998-99, there was a small reduction in 1999-2000 as a result of higher costs. While total sales were similar in 1998-99 and 1999-2000 at around \$3.25 billion, there was a rapid expansion in wine industry employment in 1999-2000, resulting in a 17 per cent increase in wage and salary costs. Around 25 per cent of total sales were generated from export sales in both years.

Food retailing

Domestic retail food sales (excluding liquor retailing) in 1999-2000 were valued at \$58.9 billion, an increase in real terms of 2.8 per cent over 1998-99 sales (table 4.1). This growth was below the longer term growth in domestic food sales over the 1990s. Between 1989-90 and 1998-99, domestic food sales grew at around 3.5 per cent a year in constant dollar terms, a marginally faster rate than retail sales generally. Total retail sales in 1999-2000 were \$147.6 billion, a rise of 3.8 per cent in real terms.

The retail sector (supermarkets and grocery stores) accounted for around 66 per cent of food sales in 1999-2000 and achieved a 2.6 per cent real increase in sales over 1998-99 levels. This was below the underlying annual sales growth over the three years ended 1998-99 of around 4.9 per cent in real terms. Most of the growth in the supermarket sector occurred in the eastern mainland states; growth was weakest in Tasmania, South Australia and Western Australia. While the café and restaurant sector recorded growth in turnover of over 8.6 per cent in 1999-2000, other food retailing (such as delicatessens, green-grocers and butchers) showed no growth in turnover and takeaway food outlets recorded a 4.4 per cent real decline in sales. The results for takeaway food outlets

continue the steady decline in sales, with the value of takeaway food outlet sales falling by 10 per cent since 1995-96.

Consumer prices for food rose by 1.7 per cent in 1999-2000. This was below the average increase of 3 per cent recorded for food in 1998-99, and less than the increases recorded for transport (5.6 per cent) and housing (4.1 per cent). However, prices for a number of other household expenditures recorded negative movements in 1999-2000, including clothing, and health and personal care.

While not influencing prices in 1999-2000, the introduction of a goods and services tax (GST) from July 2000 had an effect on price movements in the second half of calendar 2000. Fresh foods are exempt from the GST but processed and prepared foods are not. In the September quarter 2000, food prices increased by 1.7 per cent, well below the overall increase in the consumer price index of 3.7 per cent. Most of the increase in food costs was attributable to increases in the costs of prepared food, with takeaway food up 7.6 per cent and restaurant meals 9 per cent higher. Other factors, such as the Olympics, also had an

impact on prices, with prepared food price increases being greater in Sydney than in other capital cities. The rate of increase in the consumer price index slowed in the December quarter 2000 to 0.3 per cent overall, while food prices increased by 0.8 per cent.

Food exports

Food exports can be classed according to the level of processing used — minimally transformed (where there is little or no change in product form), substantially transformed (where there is a change in the product form) or elaborately transformed. While Australia has a strong commodity focus, nearly two-thirds of exports (by value) underwent some prior processing. Despite this, Australia is the sixth largest exporter of unprocessed food, contributing approximately 4 per cent to the value of world unprocessed food trade. In contrast, it is the seventeenth largest exporter of processed food, accounting for around 3 per cent of world trade. Very little of the food exported from Australia is elaborately transformed.



Australian food exports in 1999-2000 increased in value to \$20.2 billion (table 5.1), a real increase of 5.4 per cent over 1998-99 levels, driven particularly by increases in the value of meat, dairy, wine and seafood exports (figure A). Meat products made up 22 per cent of the value of food exports, grains 21 per cent, dairy products 17 per cent, seafood 8 per cent, wine 7 per cent and horticultural products 6 per cent.

Australian food export markets

Japan and the United States remain the most important export destinations for Australian food, but their relative shares declined sharply over the 1990s as Australia’s food export markets became increasingly diversified, with a growing focus on the Asian region (figure B).

The ASEAN (Association of South East Asian Nations) market, for example, has been the strongest growth market for Australian food exports, with sales expanding at a trend rate of nearly 5 per cent a year over the 1990s.

Sales to the United Kingdom and Middle East markets also grew strongly in the 1990s, mainly as a result of the expansion of wine and grain exports respectively

Grains

Grains represent nearly a third of the total value of Australian food exports, with most being traded in unprocessed forms. Wheat sales accounted for nearly 56 per cent of the \$6.1 billion earned by grain exports in 1999-2000. However, other crops, including barley and canola (10 per cent) and cottonseed, increased in importance over the 1990s.

Exports of the main transformed grain products (milled rice, wheat flour and grain oils) have been falling since 1997-98, mainly as a result of contractions in key ASEAN markets such as Indonesia. Earnings from cereal starch exports, however, have increased moderately.

While increasing from a low base, the value of elaborately transformed grain based products such as biscuits and infant foods have grown steadily.

Meats

Exports of meats have become increasingly diverse. In 1992-93 beef exports made up 83 per cent of Australia’s total meat exports. This share had fallen to 75 per cent by 1999-2000, reflecting strong growth in both sheep



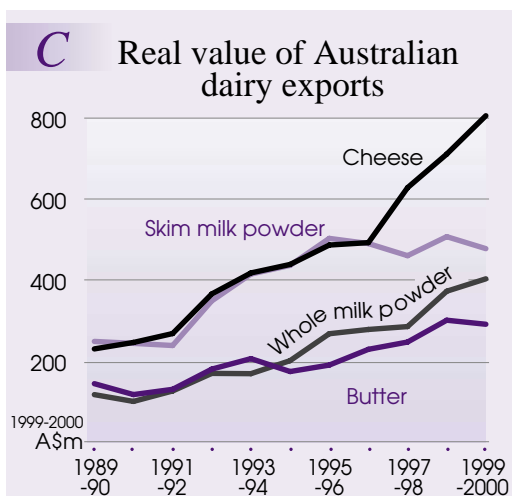
and pig meat exports. The value of sheep meat exports increased by 60 per cent over the period, with increased sales of lamb to the United States, while pig meat exports more than trebled. In the case of the latter, strong growth occurred in exports to Singapore, following problems in the Malaysian pig industry, caused mainly by the nipah virus.

The live animal trade has also expanded — from around \$200 million in 1992-93 to over \$600 million in 1999-2000. The value of live cattle exports, mainly to Egypt, Indonesia and the Philippines, increased more than fourfold in the seven years since 1992-93, while live sheep exports rose by less than 50 per cent over the same period.

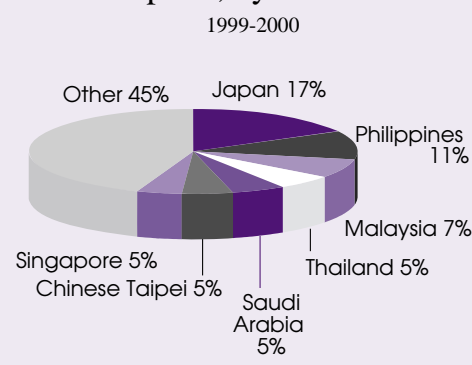
Dairy products

There have been two key products behind the growth of over 12 per cent a year in the value of dairy product exports between 1992-93 and 1999-2000. The total value of cheese exports (which now make up a third of the value of dairy exports) increased on average by 14 per cent a year over the whole period, and more strongly since 1997-98 (figure C). Whole milk powder exports grew at over 15 per cent a year on average over the same period.

While Japan has remained an important market for Australian dairy product exports (figure D), a key feature of the pattern of trade has been the penetration into Asian markets of dairy products, with increasing sales to ASEAN markets and



D Value of Australian dairy exports, by destination



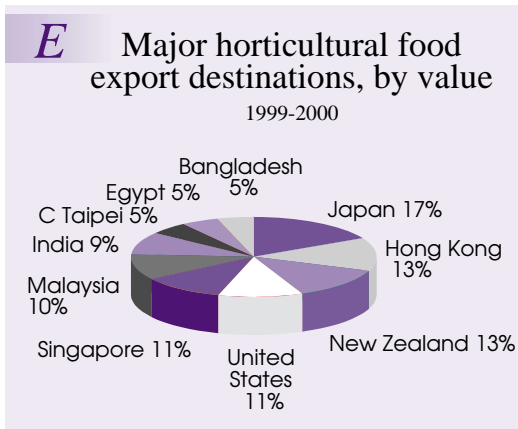
Chinese Taipei. Market access issues remain a major impediment to expansion of exports to other large markets in the European Union and United States

Horticultural products

Australia's horticultural product exports cover a large number of markets (figure E), the most recent being a strong expansion in orange exports to the US market. There has been a contrast between fruit and vegetable exports in the level of processing involved. While there has been strong growth in fruit and nut exports, this has mainly been of fresh product. The value of fresh product exports increased by 9.5 per cent a year between 1992-93 and 1999-2000, while the value of exports of processed fruits increased only slightly. By comparison, exports of processed vegetable products and fresh vegetables grew by 61 per cent and 54 per cent respectively.

Australian wine production doubled over the decade, from 340 million litres in 1989-90, to 676 million litres in 1999-2000. The export success of the Australian wine industry is well known, rising from around 2 per cent of production in the 1980s to the current situation where around 45 per cent of production is now exported.

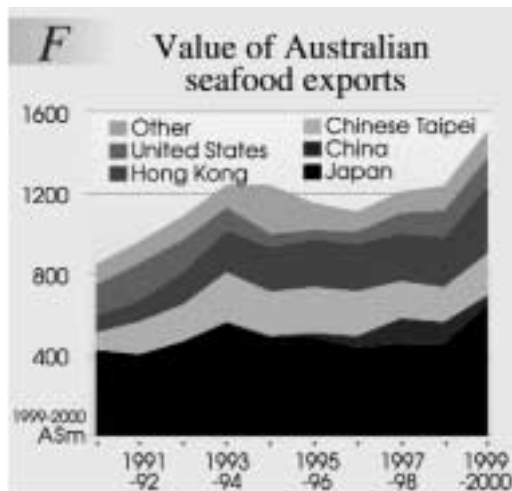
While Australia produces only around 2 per cent of world wine, it now holds around 2.4 per cent of the world wine market by volume and around 3.5 per cent by value. This growth in exports has resulted from an expansion in the area planted to wine grapes, increased processing capacity,



higher export unit returns (reflecting a larger proportion of red and bottled wine exports) and the lower value of the Australian dollar (Shepherd 1999). The main growth has been in sales to the United Kingdom, which provided nearly half of the export earnings from Australian wine in 1999-2000 and to the United States, where sales in 1999-2000 increased by 40 per cent to \$330 million.

Seafood

Australian seafood exports include a large number of mainly high value products traded in relatively limited volumes. The value of Australian seafood exports grew strongly over the 1990s and continued in 1999-2000 with a 23 per cent increase in total returns (figure F), mainly reflecting a 46 per cent increase in tuna exports and a doubling of the total value of sales.



While aquaculture is an emerging industry in Australia, the majority of seafood traded comes from wild fisheries where the potential for increased production is restricted, to ensure long term sustainability of fish stocks. Because of this restriction, there is a strong focus on ensuring that the product forms maximise the net value of production.

Unlike most other foods, the trend in seafood exports has been to limit the level of product transformation because, for many products such as rock lobster, abalone, some prawn and fish species, significant premiums exist for live exports.

Australian food imports

Australian imports of food products in 1999-2000 were valued at \$4.6 billion, less than a quarter of the value of exports. Foods are imported for a range of reasons including to increase the variety available to consumers, to increase aggregate or seasonal supplies, or because they are cheaper than the domestically sourced product.

While the total value of food imports into Australia increased by almost 70 per cent (in real terms) over the decade there was little change in the composition of those imports. Most imported food was substantially processed.

The largest import items were beverages such as tea and coffee (20 per cent of total import value), fruit and vegetables (18 per cent) and seafood (17 per cent) (table 6.1). New Zealand (16 per cent), the United States (10 per cent) and Thailand (8 per cent) were the main suppliers of imported food to the Australian market. New Zealand is Australia's most important supplier of food imports and maintains an advantage over other countries through its relative proximity and its links with Australia, including under the Closer Economic Relations Agreement.

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ASEAN food trade

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Introduction

Countries of the Association of South East Asian Nations (ASEAN) group are, in the main, rapidly growing economies in relatively close proximity to Australia. Most of these countries are major food producers, but they still represent important markets for some sectors of the Australian food industry and potential markets for others.

In this article, the key characteristics of these countries' food production, consumption and trading systems are described, with the aim of examining food trade potential.

ASEAN objectives

ASEAN was established in 1967 with the signing of the Bangkok Declaration by the five original member nations (Indonesia, Malaysia, the Philippines, Singapore and Thailand). ASEAN objectives are to accelerate economic growth, social progress and cultural development in the region through joint endeavors (ASEAN 2001). Other aims include effective collaboration in agriculture and manufacturing industries and the expansion of trade.

ASEAN has now expanded to ten members: Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Viet Nam.

The ASEAN Free Trade Agreement (AFTA) was signed in 1992. It was perceived primarily as a framework for raising regional economic growth by expanding intra-ASEAN trade and by promoting foreign direct investment from outside ASEAN countries. AFTA was also designed to contribute to the development of infrastructure to enable the development and sharing of the resource base, and to

promote the freer flow of goods and services in the region.

Key economic characteristics of the region

ASEAN is the world's most populous free trade region, with a tenth of the world's population, and having a gross domestic product of more than US\$800 billion in 1999 (ASEAN 2001).

Within ASEAN there is wide variation among the countries in terms of population, geographic size, income per person, economic systems and resource endowments. Annual per person income (in purchasing power parity terms) of member countries in 1999 ranged from US\$710 in Cambodia to US\$27 800 in Singapore, as shown in table 1.

Some member countries, such as Laos or Cambodia, are predominantly basic agricultural economies and have given top priority to boosting their agricultural production in economic development. The economies of Malaysia, Singapore and Brunei are dominated by their industrial or services sectors.

Recent economic performance of the region

Most ASEAN economies were affected by the sharp economic downturn in 1997 and 1998 that was precipitated by serious currency difficulties — the so-called 'Asian financial crisis' — that resulted in a fall in combined gross domestic product of 7.5 per cent in 1998.

The downturn was largest in Indonesia and Thailand, reflecting the underlying structural problems in those countries' economies. It was less severe in Malaysia and the Philippines.

1 Selected demographic and economic indicators – ASEAN countries

	Population, 2000				Gross domestic product, 1999 ^a			
	Total million	Proportion 0–14 years %	Growth rate %	Urban- isation ^b %	Total US\$	Agri- culture contri- bution %	Per person US\$	Proj- ected growth in 2006 %
Brunei	0.3	31	2.2	77	6	5	17 400	2.5
Cambodia	12.2	42	2.3	30	8	43	710	6.5
Indonesia	224.7	31	1.6	49	610	21	2 800	5.5
Laos	5.5	43	2.5	16	7	51	1 300	5.2
Malaysia	21.8	35	2.0	64	229	12	10 700	5.0
Myanmar	41.7	30	0.6	33	59	59	1 200	3.0
Philippines	81.2	37	2.1	72	82	20	3 600	4.5
Singapore	4.2	18	3.5	100	98	negl.	27 800	5.5
Thailand	61.2	24	0.9	26	389	12	6 400	5.0
Viet Nam	78.8	33	1.5	22	143	26	1 850	4.8

^a In purchasing power parity terms, US dollars. ^b Projected for 2010.

Sources: Central Intelligence Agency (2000); FAO (2001); ABARE.

The difficulties stemmed primarily from a combination of macroeconomic imbalances, external developments, and weaknesses in financial and corporate systems. Another contributory factor was the appreciation of the US dollar to which the currencies of the countries concerned were formally or informally pegged (IMF 2000). In these circumstances, a change in market sentiment led into a cycle of currency depreciation, insolvency and capital outflows that was difficult to stop.

Generally, the ASEAN countries have bounced back strongly from this downturn. Economic growth for the more developed countries in ASEAN (Indonesia, Malaysia, Singapore, Thailand and the Philippines) recovered from 3.6 per cent in 1999 to 6 per cent in 2000 and is assumed to average 3.3 per cent in 2001, before strengthening to 4.2 per cent in 2002.

While moderate to strong economic growth is projected for the ASEAN countries over the medium term (see, for example, ADB 2001a; Fisher and Penm 2001), there are several downside risks to economic growth that could significantly weaken these economic prospects. Fisher and Penm (2001) point to the slow pace of economic restructuring in a number of regional economies, such as Thailand and

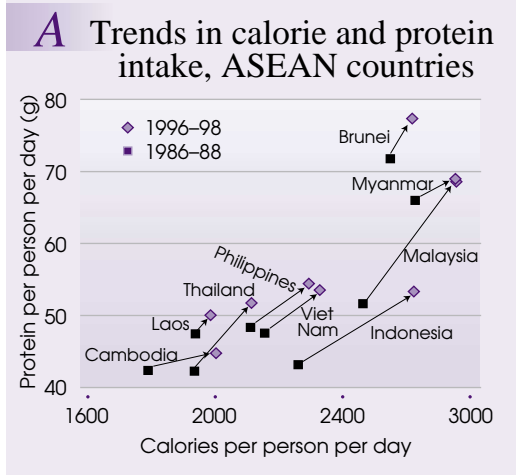
Indonesia, as one significant risk. Another risk is political uncertainty and the potential for social instability in these regions, most recently with Indonesia and the Philippines.

Food consumption and trade dependence

All countries in ASEAN have achieved significant improvements in diet over a relatively short period, with strong growth in protein and calorie intake (figure A). These improvements were most apparent in the more developed countries — Indonesia, Malaysia, Thailand and, to a lesser extent, Viet Nam and the Philippines — with growth of around 20 per cent in protein intake per person and around 10 per cent in calorific intake over the period between 1986–88 and 1996–98.

Income growth, urbanisation, taste changes, increased trade, changes in relative prices and some reductions in trade barriers have all contributed to these changes (tables 9.1–13).

Rice forms the basis for the average diet in most ASEAN countries, with per person consumption having remained fairly constant over the past decade. However, there has been a shift away from consumption of starchy roots and increased



Trade has had an impact on the variety and availability of foods in the ASEAN region. There have been increased exports of rice, vegetable oils (particularly palm oil) and fruit from the region and an increased reliance on imports for supplies of other cereals, dairy products, meat and vegetables. The ASEAN region has moved from being self sufficient in seafood to being a small importer in volume terms. A factor behind this change has been the increased demand for both higher quality and a wider variety of seafood associated with increased income (Smith, Brown and McKelvie 1992). Figure B shows the net trade of the ASEAN group of countries in the key food categories.

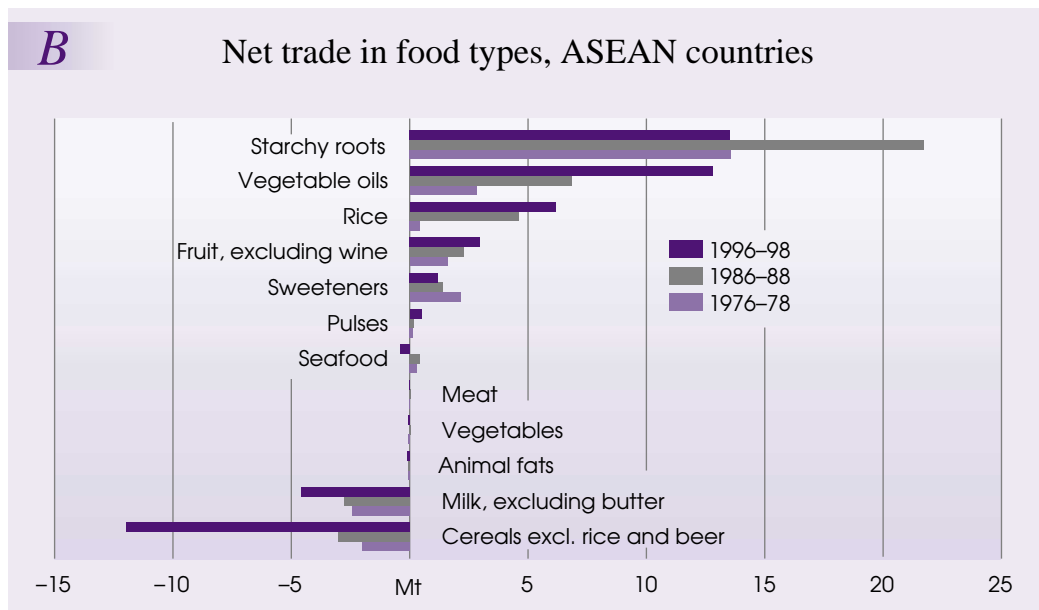
consumption of meat, dairy products and other cereals as incomes have increased in the region.

Moreover, there has been substitution between foods of different qualities within the main food categories, as consumers with increased income have substituted more preferred for less preferred food types. Increased emphasis on nutrition education may also have been a factor behind increased consumption of some foods, including dairy foods, fresh fruits and vegetables.

ASEAN trade

Intra-ASEAN trade arrangements

The arrangements for trade between ASEAN members is specified under the Common Effective Preferential Tariff program that is part of the ASEAN Free Trade Agreement. The program covers all manufactured products (including capital goods), processed agricultural products, and products falling outside the definition of agricultural products. A product is



deemed to have originated from ASEAN if at least 40 per cent of its content originates from any member country within ASEAN.

The original members of ASEAN mandated that at least 85 per cent of the products in their list should have their tariffs reduced to 0–5 per cent by 2000. This was expanded to cover at least 90 per cent of the products by 2001, and to cover all products by 2002. However, there has been some scope for flexibility on timetables.

The original ASEAN countries have agreed to advance the elimination of all

import duties on intra-ASEAN trade not covered by the program (such as agricultural products) to 2010 — ahead of the original schedule of 2015. Newer members (Cambodia, Laos, Myanmar and Viet Nam) have committed to eliminate most import duties by 2015, with some sensitive products to follow by 2018.

Trade arrangements with non-ASEAN countries

Each of the ASEAN countries applies a range of tariff and nontariff barriers to

2 Tariff rates applied by key ASEAN countries on non-ASEAN imports

Product	Malaysia %	Indonesia %	Philippines %	Thailand %	Singapore %	Brunei %
Live cattle	0	0–5	3–45	0	0	0
Meat products						
Minimally processed	0–5	5	5–10	60	0	0
Highly processed	5–20	5	30–60	60	0	0
Fish						
Fresh	0	0–5	3	60	0	0
Minimally processed	0–10	0	60	60	0	0
Highly processed	10–20		15–60	60	0	0
Dairy products						
Milk and cream	0	5	3–5	40	0	0
Minimally processed	0	0	25–50	60	0	0
Highly processed	5–25	5	3–10	60	0	0
Cereals						
Unprocessed	0	0	3–10	0 a	0	0
Minimally processed	0–5	0–5	3–60	60 a	0	0
Highly processed	15–20		30–60	60	0	0
Fruits						
Fresh	0	5	3–15	60 a	0	0
Minimally processed	0–5	5		60 a	0	0
Highly processed	0–20		3–15	60 a	0	0
Vegetables						
Fresh	0	0–5	3–60	60	0	0
Minimally processed				60	0	0
Highly processed	10–20	5	3–45	60	0	0
Beverages						
Wine	0	90–170	5	60 a	0	0
Beer	0	40		60 a	\$0.8/L	0
Water (mineral)	20–30	5	10	60 a	0	0
Tea	25		3	60	0	0
Coffee	0		10–60	40 a	0	0
Sugar	0	0	50–65	0 a	0	0
Sugar confectionary	15	5	7–15	60 a	0	0

a Additional per unit volume charges are applied.

Sources: APEC (2001); Thailand Customs Department (2001).

imports from non-ASEAN countries. Tariffs applying to selected food categories are shown in table 2.

The original ASEAN member countries have committed to reducing external tariffs under GATT commitments. However, at the end of the tariff reduction phase, which runs from 1995 to 2004, duties in many countries will still be around 30–40 per cent on most food products. Singapore and Brunei do not have any duties on imports of food. Apart from tariffs, most of the ASEAN countries other than Singapore and Brunei have licensing and registration requirements that can restrict import movements.

ASEAN food trade

Over the 1990s ASEAN was a net exporter of food in value terms (figure C). While the gap had been narrowing, the Asian economic downturn precipitated a sharp reduction in the value of food imports. However, while the value of food exports has been falling in real terms since the mid-1990s, the value of food imports increased in 1999.

The original member countries dominate ASEAN food trade, with Indonesia, Singapore and Malaysia being the main importers in 1999, while Malaysia, Thailand and Indonesia the main exporters (table 3). Over the 1990s the main growth markets for food imports in value terms were Viet Nam (increasing at 17 per cent a year but from a low base), Indonesia (increasing at 13 per

3 Shares and growth rates for the value of ASEAN food trade, by country

	Shares, 1999		Average annual growth 1990–99a	
	Imports	Exports	Imports	Exports
	%	%	%	%
Brunei-				
Darussalam	1	0	-2.4	15.3
Cambodia	3	0	2.9	-4.8
Indonesia	26	17	13.3	10.2
Laos	0	0	3.3	-9.4
Malaysia	20	32	4.0	5.9
Myanmar	2	0	-6.5	-5.1
Philippines	16	6	10.9	1.0
Singapore	21	8	0	0
Thailand	8	28	7.7	3.0
Viet Nam	3	8	17.0	11.3
ASEAN	100	100	5.9	4.6

a Based on values in constant 2001 dollars. Excludes fish.

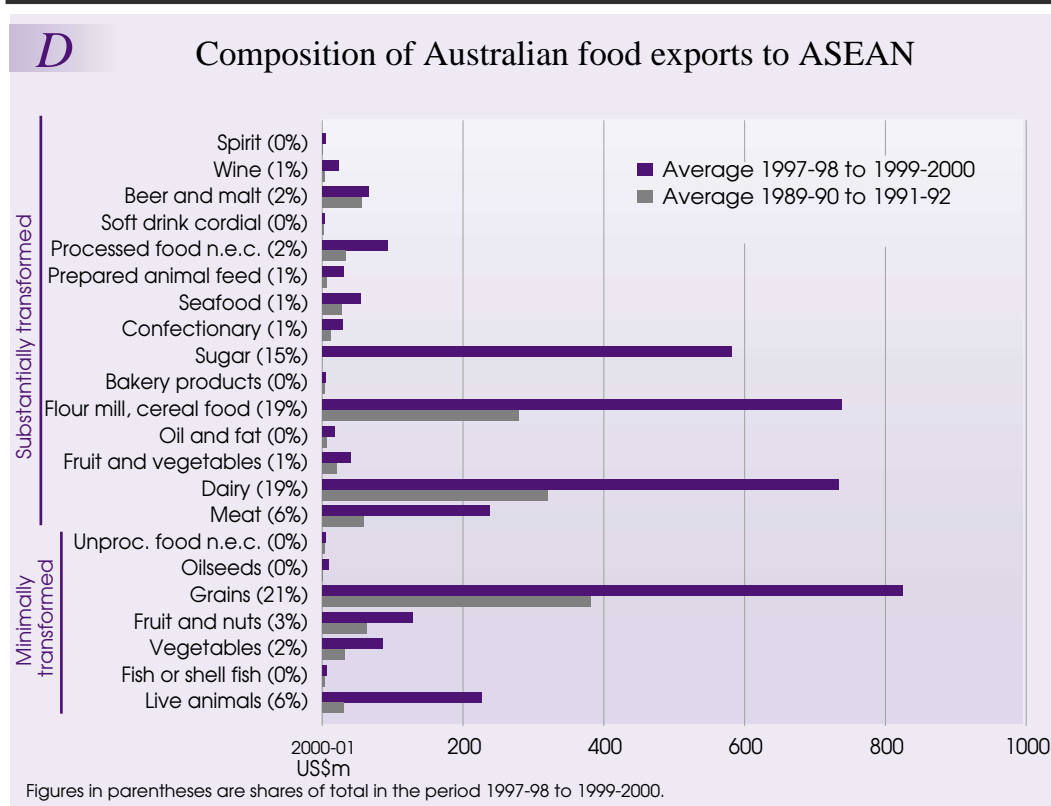
cent a year) and the Philippines (increasing at nearly 11 per cent a year). Singapore exhibited no growth in imports in real terms over the 1990s.

The external food trade of the newer ASEAN members — Cambodia, Laos and Myanmar — was stagnant over the decade, largely as a consequence of ongoing political instability and weak economies.

Australian food trade with ASEAN countries

The ASEAN market currently represents around 18 per cent of the \$20.2 billion earned by Australia's food exporters in 1999-2000. By comparison, Australian food imports sourced from ASEAN countries were valued at \$791 million in 1999-2000, 17 per cent of total imports of food products. Trade both ways has grown strongly over the past ten years. The value of Australian food exports to ASEAN countries increased at 13.8 per cent a year in constant dollar terms, much faster than the growth in ASEAN exports to Australia of 3.3 per cent a year. However, both have potential for further growth. Australia still supplies only around 13 per cent by value of total ASEAN food imports and takes only around 2 per cent of ASEAN food exports.





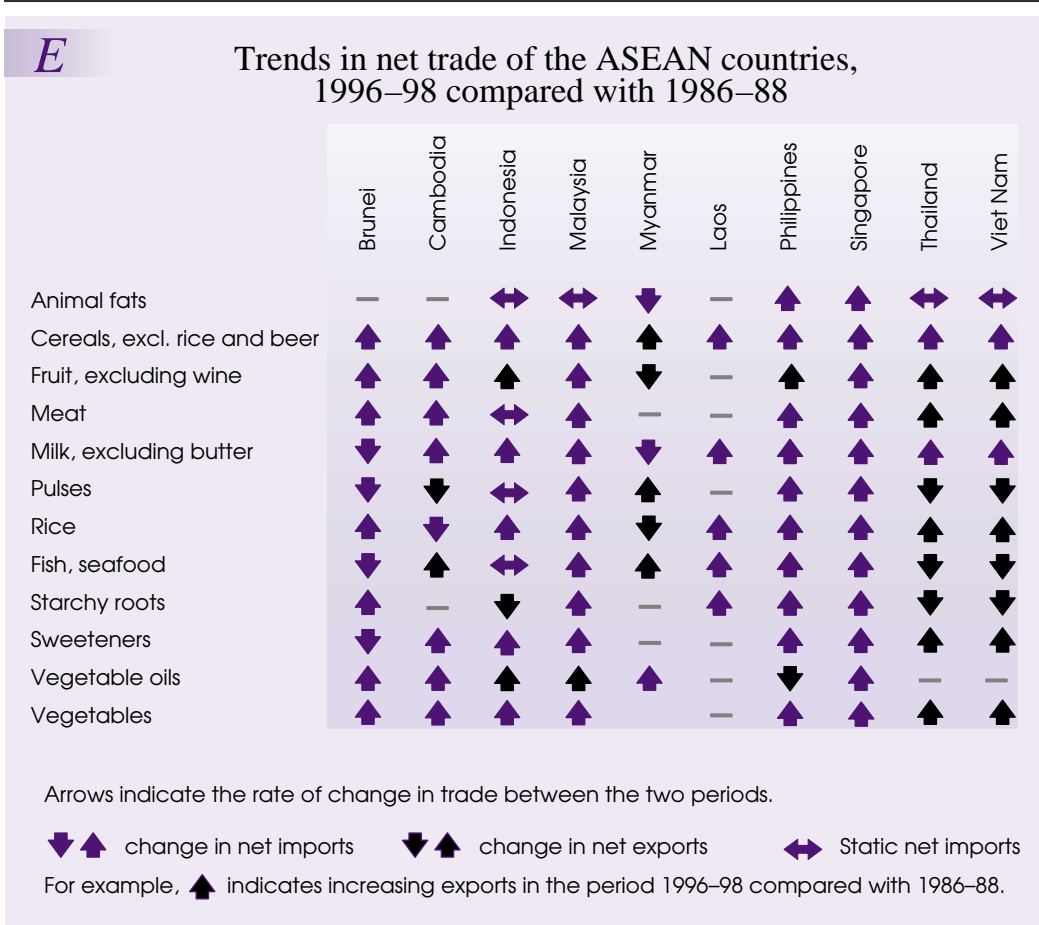
There were major changes in the composition of Australian food exports to ASEAN countries over the decade (figure D). Compared with the base period (average, 1989-90 to 1991-92), the value of grain exports, cereal food products, and dairy products doubled in real terms to average over \$700 million a year over the period 1997-78 to 1999-2000. The value of trade in live animals and meat, and sugar has grown from very low levels early in the decade to now being large trade items. Fruit and vegetables exports have also increased rapidly in recent years.

The main competition for Australian food exports to ASEAN comes mainly from the United States (beef and lamb, apples, oranges, processed food and wine). Other competitors include Canada (beef and grain), France (fresh fruit, wine and poultry), Japan (melons, pears and apples), New Zealand (dairy products, apples, pears, kiwifruit, persimmons, beef and lamb), Denmark (poultry) and the Netherlands (poultry, beef and veal).

Growth prospects

ASEAN is a significant market for a range of imported foods. The region depends on imports of some grains not grown in large quantities in the region (particularly wheat) and of rice to supplement local production. Grains and oilseeds represented nearly a quarter of the value of ASEAN food imports over the period 1994-98 (table 8.6). Other key imports are dairy products (9.3 per cent), seafood (9.5 per cent) and horticultural products (8.3 per cent). Australia is a significant supplier of all these products to the region.

In the 1990s, trade opportunities with the ASEAN region were closely related to economic performance, and this relationship can be expected to continue to be a major factor influencing future trade. However, the wide differences in the resource base and economic development of countries in the region, and in their food production opportunities, will be reflected in future trade growth. Recent trends in net



food trade, by country and food category, are summarised in figure E and key factors influencing food trade prospects for individual countries are then summarised.

Malaysia

Malaysia is the fastest growing ASEAN country in terms of calorie and protein intake (figure A). Growing income, dietary changes and higher rates of urbanisation suggest that Malaysia will continue to be a growth market for Australian food exports. Australian food exports are currently worth \$425 million — dairy makes up 40 per cent of export value, horticultural products 21 per cent and meats 12 per cent (table 6.5).

Malaysia, a major exporter of palm oil and a large supplier of a range of foods to Singapore, is a substantial importer of most other food types (figure E). Generally, tariffs

on food items are in the 0–30 per cent range and escalate as the level of processing increases (table 2).

Malaysia is one of the fastest growing economies in Asia. The economy bounced back from a 7.5 per cent contraction in gross domestic product in 1998, to 6 per cent growth in 2000 and is expected to maintain this growth in 2001 (ADB 2001a). In the medium term, economic growth will be based mostly on labor intensive exports of manufactured (nonagricultural) products. However, nearby countries such as China, India and Viet Nam that have labor cost advantages are increasingly competing with Malaysian exports. The increased labor mobility encouraged by ASEAN may be an important factor in ensuring continued Malaysian competitiveness (ADB 2001c).

Indonesia

Indonesia is self sufficient or a net exporter of starchy roots, tropical fruit and vegetable oils but a net importer of most other food types (figure E) and continues to be a significant market for a number of Australian industries (such as live cattle and meat).

After strong economic growth in 2000, growth in Indonesia is likely to slow in 2001 before improving in 2002 (ADB 2001a). However, foreign direct investment remains nearly a third below pre-Asian downturn levels and is largely confined to export oriented sectors of the economy. Slow progress in structural reform of the Indonesian corporate and regulatory systems together with an uncertain political situation have been key impediments to growth (IMF 2000; ADB 2001b).

Market access to Indonesia has been improved, with significant reductions in tariffs applied. Tariffs on all food items were cut to a maximum rate of 5 per cent in February 1998 but high tariffs continue to apply to beverages at present. The country is committed to reducing the maximum applied tariff for all products to 10 per cent by 2003. There has also been some focus on reducing nontariff barriers and export restrictions not justified on health, safety or environmental grounds.

Singapore

Singapore is a major market for a range of Australian foods, with trade in 1999-2000 worth \$500 million (meat comprises 30 per cent of the value of trade, dairy products 23 per cent and horticultural products 20 per cent). With a very limited area for agricultural production, Singapore imports nearly all of its food requirements. Tariffs on food items are zero, except for alcoholic beverages. However, for food security reasons, licences are required for rice imports.

In 2000, Singapore had the fifth highest per person income in the world. Contributory factors to Singapore's success have been mandatory savings schemes that promote investment, and heavy government spending on education and technology. Singapore's main merchandise

exports are electronics and chemicals. Exports of services are also a key driver of the economy, with Singapore positioning itself to be the financial and high technology centre for at least the south east Asian region.

Economic growth is assumed to remain high in Singapore in the medium term, at around 5.5 per cent.

Thailand

Thailand is an important food producer, value adder and exporter, being only a substantial net importer of dairy products and, recently, cereal products (excluding rice) mainly in bulk and minimally processed forms (figure E). Exports from Australia to Thailand in 1999-2000 were worth \$219 million, 60 per cent of which were derived from sales of milk products.

Applied MFN (most favored nation) tariffs are around 60 per cent for most food types (table 2). Thailand maintains few import licences, quotas or other quantitative restrictions on imports. Sometimes lower or zero tariffs are applied when imports of the products concerned are needed for the domestic processing industry (WTO 2001) — for example, live cattle, bulk grain and sugar. For other products, partners to AFTA have unlimited access to Thailand's market, avoiding the high tariffs imposed on other countries.

The Thai economy contracted significantly in 1997 and 1998, before partially recovering in 1999 and 2000. While economic growth is likely to slow in 2001, economic momentum is expected to strengthen in 2002, provided that external conditions improve and that the fiscal stimulus is maintained (ADB 2001a).

A recovery program was mandated by the International Monetary Fund as a condition of assistance to stabilise the Thai currency. These conditions have included passing new bankruptcy and foreclosure laws, and making some progress toward recapitalisation of the banking and corporate sector (IMF 2000).

Philippines

While agriculture employs around 40 per cent of the work force and accounts for about 20 per cent of gross domestic product,

the Philippines is a net importer of many food items, being a net exporter of only fruit and vegetable oils (figure E).

The rapidly growing population and income growth makes the Philippines a highly prospective market for food imports, particularly for dairy products, of which it produces only around 1 per cent of its requirements. Australian exports of food to the Philippines in 1999-2000 were worth \$544 million, half of which were derived from sales of dairy products and more than 20 per cent from exports of live cattle.

Improved economic conditions are expected for the Philippines over the medium term. Government reforms that include improving infrastructure, overhauling the taxation system, and further deregulation and privatisation of the economy are expected to enhance the growth outlook. However, social instability remains a risk factor to this outlook.

Viet Nam

Viet Nam has made significant economic advances with its movement toward a more open trading system. Strong economic growth is forecast for 2001 and 2002 (ADB 2001a).

Viet Nam is a net exporter of most food types, particularly of rice, and a net importer only of cereals, dairy products and sweeteners.

According to Asia Business Network (2001) the average import tariff is in the range 15-20 per cent, while 40 per cent of imports attract tariffs that are 40 per cent or higher. In general, import duties range from 3 to 100 per cent. The lowest rates are levied on imports of raw materials and capital equipment while the highest rates are levied on luxury goods. Import licensing, import quotas and excise taxes are also applied.

Viet Nam is an emerging international trader. The prospects of higher exports to the United States over the medium term have brightened with the signing of a bilateral US-Viet Nam Trade Agreement in 2000. Imports grew only 1.1 per cent in 1999, but are expected to rise (from a low base) by 17 per cent in 2000 and nearly 19 per cent in 2001.

Brunei-Darussalam

Imports provide more than 85 per cent of food consumed in Brunei and it is likely to remain a strong net importer of foods across all product categories. With an economy based on rich crude oil and gas deposits and a small population, Brunei is the second richest of the ASEAN countries, with moderate growth prospects. With relatively high incomes, market changes are likely to be influenced mainly by taste changes.

Myanmar

Myanmar's only net imports of food are vegetable oils and dairy products. The import regime of Myanmar has been characterised by the import discouraging measures of import licences, commercial taxes and licence fees. However, since the country joined ASEAN in 1997, it has adopted a reformed tariff rate schedule ranging from zero to a maximum of 40 per cent (Asia Business Network 2001). In 1998, an order was issued prohibiting imports of some luxury food items such as soft drink, biscuits, canned food, dried noodles, liquor and beer.

Myanmar's economic growth rate slowed from 5 per cent in 1996 to 2.8 per cent in 1998, but returned to 4.5 per cent in 1999. However, minimal foreign investment and stalled privatisation point to a sluggish medium term growth outlook (Central Intelligence Agency 2000).

Cambodia

Cambodia is one of the poorer members of ASEAN, with a high dependence on agriculture. Economic growth is expected to reach 6-7 per cent over the medium term, but from a very low base, provided political stability and the reform process can be maintained (ADB 2001a).

Cambodia's trade with ASEAN member countries constitutes roughly three-quarters of its total foreign trade. At present, Cambodia trades heavily with at least four other members of ASEAN — Malaysia, Singapore, Thailand and Viet Nam. Lower tariff rates are applied to imports from countries with diplomatic relations with Cambodia.

Laos

At this stage of its development, Laos imports very little food and has modest food exports, mainly rice and sweeteners to neighboring countries. Agriculture, largely at the subsistence level, accounts for around half of its gross domestic product.

Rapid inflation and a volatile exchange rate have accompanied the economic growth of recent years. The Asian Development Bank forecasts relatively stable economic growth over the medium term (ADB 2001a).

Conclusions

Despite significant barriers to trade, an increasing proportion of Australia's exports of food over the past decade has been going to ASEAN countries. Although the ASEAN countries are themselves also major producers of food, considerable potential exists for increased Australian food exports. This potential lies mainly with the temperate climate products, particularly cereals, meat and dairy products, where Australia appears to have a comparative advantage in production over the ASEAN countries.

Growth in ASEAN demand for these products is being driven by population growth but with impetus from growth in income that is leading to a shift toward more Western style diets. Australian exports to ASEAN will also benefit from the process of tariff reduction and cuts to nontariff barriers that is taking place under World Trade Organisation arrangements.

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Statistical tables

About the data

Australian commodity production and gross values

Estimates of farm crop production are based on information obtained from the Australian Bureau of Statistics' Agricultural Commodity Surveys conducted at 31 March each year from 1997-98. 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.

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. 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.

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.

Restrictions are placed on the release of trade statistics where the data relating to an individual or organisation is likely to enable the identification of 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.

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.

World trade in food

The data on world food trade in food — both imports and exports — were obtained from the COMTRADE database that is

established and maintained by the United Nations' Statistics Division.

- More than 100 countries supply their updated trade statistics to this database, representing over 90 per cent of world trade.
- The data are recorded according to the Harmonised Commodity Description and Coding System and Standard International Trade Classification Revision 3.

World food balances

The data on country food balances were obtained from the FAOSTAT database of the Food and Agriculture Organisation of the United Nations (FAO).

- Details of how standardised food balance sheets are derived are provided in FAO (2000).

The elements of an FAO food balance sheet are:

- production, imports and changes in stocks that together define the supply available to a country; and

- exports, livestock feed, seed use, industrial use, human consumption and losses during storage and transport that together add up to total utilisation.

FAO food balance sheets are standardised in order to reduce the amount of data for analytical purposes. Standardisation takes the form of:

- conversion of processed commodities back to their primary equivalents (so-called 'vertical standardisation'); and
- aggregation of similar products, for example chicken meat and turkey meat aggregated as poultry meat (so-called 'horizontal standardisation').

To keep the amount of data contained in *Australian Food Statistics* to manageable proportions, FAO food balance data reported are further simplified in two ways:

- only data at the major food type level of aggregation (thirteen different categories in all) are reported (FAOSTAT has 87 different food types); and
- some elements of the food balance sheets are omitted — such as feed use, industrial use and losses in transport.

Selected information sources

General

Agency	Publication or source	Description
Australian		
Australian Bureau of Agricultural and Resource Economics (ABARE)	<i>Australian Commodity Statistics 2000</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.
www.abareconomics.com.au		Also included is comprehensive information on farm sector output and employment, balance of trade figures and macroeconomic indicators. Up to 40 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 2000</i> , February (annual)	Compendium providing information on production and trade for the Australian fishing industry for the three year period ended 1998-99. 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)	AusStats at: www.abs.gov.au/Ausstats/ ABS@nsf/w2.3.1?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.
Agriculture, Fisheries and Forestry – Australia (AFFA)	Food Info Australia	AFFA's website providing online access to processed food and beverage industry statistics and Commonwealth government policy information.
www.affa.gov.au/ foodinfo		

AUSTRALIAN FOOD INDUSTRY

Agency	Publication or source	Description
Australian Horticultural Corporation	<i>Australian Horticultural Statistics Handbook 2000-01</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.
Pig Research and Development Corporation (www.prdc.com.au) and Australian Pork Corporation (www.pork.gov.au)	<i>PigStats 99</i> www.pork.gov.au/statistics/23.htm	Compilation of pig industry statistics focusing on pig industry structure, farm performance and a range of information on trade and consumption.
Meat Research Corporation	<i>Lamb Industry Insights</i> , December 1997	A statistical compendium for the lamb industry providing a range of information relating to the product on farm and at the retail, food service and export levels.
World		
International Grains Council www.igc.org.uk	<i>World Grain Statistics 1998-99</i> (annual)	Report containing 45 detailed tables on production, trade, consumption, stocks and prices for wheat (including durum and wheat flour) and coarse grains. Additional tables deal with ocean freight rates. Most tables cover a 10-year period.
Food and Agriculture Organisation of the United Nations www.fao.org	FAOSTAT By subscription on CD-ROM or online at apps.fao.org. There is limited free use allowed of the online version.	An on-line and multilingual database currently containing over 1 million time-series records for 210 countries and territories covering international (210 countries and territories) statistics for: production; trade; food balance sheets; food aid shipments; fertiliser and pesticides; land use and irrigation; forest products; fishery products; and population.
Central Intelligence Agency of the United States of America www.cia.gov	<i>World Fact Book 2000</i> (annual). Available in printed, CD-ROM, or online (free) at: www.cia.gov/cia/publications/factbook/index.html	Compendium containing, for virtually every country in the world, information on their geography, people, government, economy, communications, transport, military and transnational issues.

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 at: www.abs.gov.au/Ausstats/ABS@nsf/w2.3.1?Open view	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 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) Available on AusStats at: www.abs.gov.au/Ausstats/ ABS@nsf/w2.3.1?Open view	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. 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 2001</i>	Annual publication covering 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) <i>Average Retail Prices of Selected Items</i> , cat. no. 6403.0 Available on AusStats at: www.abs.gov.au/Ausstats/ ABS@nsf/w2.3.1?Open view	Information on the Australian retail food prices and consumer price indexes 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 includes 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. 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) Available on AusStats.	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 twelve years.
Australian Department of Foreign Affairs and Trade (DFAT) www.dfat.gov.au	AusStats at: www.abs.gov.au/Ausstats/ ABS@.nsf/w2.3.1?OpenView <i>Composition of Trade Australia</i> (published twice yearly in calendar year and financial year format.) Extract available free online at: www.dfat.gov.au/publications/statistics.html <i>Direction of Trade, Time Series</i> (annual)	An Internet based information service providing ABS' full product range (both free and charged material) online. 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. 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.
Supermarket to Asia	Trade Statistics at: www.supermarkettoasia.com.au/trade/stats.htm	A range of statistics and analysis on Australia's food and fibre exports to Asia. Includes food market profiles for a number of key Asian markets.

World food trade

Agency	Publication or source	Description
<p>International Trade Centre, an organisation operated jointly by the World Trade Organisation (WTO) and United Nations Conference on Trade and Development (UNCTAD)</p> <p>www.intracen.org</p>	<p>Trade statistics at:</p> <p>www.intracen.org/tradstat/mainproduct.htm</p> <p>Also available on CD-ROM with data for the five-year time-series, 1995–99. (This data are obtained taken from the Commodity Trade Statistics Data Base (COMTRADE) of the United Nations Statistics Division.)</p>	<p>International trade statistic (imports and exports) by:</p> <ul style="list-style-type: none"> – section and product group, 1995–99. – country and product group, 1995–99. <p>Has coverage of over 100 reporting countries and territories representing about 90 per cent of world trade.</p> <p>The data are recorded according to the Harmonised Commodity Description and Coding System (HS 96 and HS 88) and Standard International Trade classification (Rev.3, Rev.2 and Rev.1).</p>
<p>United Nations Statistics Division</p> <p>www.un.org/Depts/unsd/index.html</p>	<p>Infobases at:</p> <p>www.intracen.org/tradstat/mainproduct.htm</p> <p><i>International Trade Statistics Yearbook</i> (annual)</p>	<p>Also includes information on product classification and trade performances by country.</p> <p>As well as trade statistics, contains market briefs, information on trade contacts and information sources.</p> <p>Volume I provides historical information on the external trade performance of individual countries in terms of current values and, if available, exchange rate, as well as quantum and unit value indexes. Information showing important commodities traded by an individual country (latest four years) and the country's trade with its major trading partners and regions (latest five years) are also shown. Summary tables for each country show imports by broad economic categories, exports by industrial origin and the percentage share of the country's top ten trading partners and selected regions in relation to its total trade. This volume contains data for 168 countries or reporting customs areas.</p> <p>Volume II contains selected commodity tables showing total world trade of those commodities analysed by regions and countries, as well as various specialised tables.</p>

World food consumption

Agency	Publication or source	Description
Food and Agriculture Organisation of the United Nations www.fao.org	FAOSTAT By subscription on CD-ROM or online at apps.fao.org. There is limited free use allowed of the online version	An online and multilingual database currently containing over 1 million time series records for 210 countries and territories covering international (210 countries and territories) statistics for: production; trade; food balance sheets; food aid shipments; fertiliser and pesticides; land use and irrigation; forest products; fishery products; and population.
Central Intelligence Agency of the United States of America www.cia.gov	<i>World Fact Book 2000</i> (annual) Available in printed, CD-ROM, or online (free) at: www.cia.gov/cia/publications/factbook/index.html	Compendium containing, for virtually every country in the world, information on their geography, people, government, economy, communications, transport, military and transnational issues.
International Monetary Fund	<i>International Financial Statistics Yearbook</i> (annual with monthly updates)	Source of international statistics on all aspects of international and domestic finance. It reports, for most countries of the world, current data needed in the analysis of problems of international payments and of inflation and deflation — that is, data on exchange rates, international liquidity, international banking, money and banking, interest rates, prices, production, international transactions, government accounts, and national accounts.

1.1 *Agricultural food production, by commodity*

	Unit	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Crops							
Grains a							
Wheat	kt	8 961	16 504	23 702	19 224	22 108	25 012
Barley	kt	2 913	5 823	6 696	6 482	5 987	5 043
Oats	kt	924	1 875	1 653	1 634	1 798	1 092
Maize	kt	242	325	398	271	338	365
Rice	kt	1 137	951	1 388	1 331	1 390	1 101
Lupins (albus only)	kt	1 076	1 559	1 523	1 561	1 696	1 990
Field peas	kt	240	530	454	316	298	357
Chickpeas	kt	69	287	288	199	188	187
Mung beans	kt	13	17	34	23	78	41
Navy beans	kt	8	6	4	5	3	6
Faba beans	kt	50	128	171	163	194	166
Lentils	kt	2	17	38	36	39	103
Oilseeds							
Canola	kt	264	557	624	856	1 690	2 426
Sunflowerseed	kt	112	69	143	98	209	147
Soybeans	kt	28	44	74	54	109	105
Cottonseed	kt	796	933	860	941	1 012	1 047
Other oilseeds	kt	44	81	66	53	72	85
Other							
Sugarcane	kt	34 943	37 436	39 938	41 064	40 128	39 699
Peanuts	kt	23	38	38	39	39	43
Horticulture							
Fruit							
Apples	kt	317	281	353	309	334	320
Pears	kt	159	156	168	153	157	159
Nashi	kt	7	7	6	7	5	na
Avocado	kt	16	16	20	20	24 e	36 f
Melons	kt	146	152	163	199	175	na
Pineapples	kt	139	128	123	123	131	na
Bananas	kt	208	220	200	223	225 e	221
Kiwifruit	kt	4	3	3	4	3	na
Mangoes	kt	30	27	32	37	26 e	49
Wine grapes	kt	630	883	798	951	1 101	1 129 f
Table and dried grapes	kt	310	212	363	196	269	422 f
Oranges	kt	651	439	589	566	448	516 f
Mandarins	kt	70	71	83	81	94	91 f
Lemons/limes/grapefruit	kt	60	49	55	51	45	43 f
Nuts and berries							
Almonds	kt	na	5	7	8	9 e	10
Chestnuts	t	617	686	664	505	790 e	1 250 f
Macadamia	kt	18	21	25	27	31 e	29 f
Berries b	kt	34	36	29	29	31	na

Continued

AGRICULTURAL FOOD PRODUCTION

1.1 *Agricultural food production, by commodity (continued)*

	Unit	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
Horticulture (continued)							
Stonefruit							
Peaches	kt	59	60	72	65	66	na
Nectarines	kt	17	18	22	23	27	na
Apricots	kt	30	22	26	20	21	na
Plums	kt	21	21	25	26	23	na
Cherries	kt	6	5	7	7	6	na
Vegetables							
Potatoes	kt	1 122	1 308	1 286	1 372	1 327	na
Onions	kt	200	244	196	219	224 e	234
Carrots	kt	239	250	257	267	257	na
Asparagus	kt	6	7	8	8	9	na
Broccoli	kt	32	38	41	40	39	na
Cauliflower	kt	66	71	64	65	73	na
Tomatoes	kt	340	371	393	380	395 e	469
Mushrooms	kt	39	45	47	48	46 e	46 f
Lettuce	kt	92	107	111	129	131	na
Capsicum/chillies	kt	28	30	32	31	41	na
Cabbage	kt	76	69	60	58	53	na
Beans	kt	29	32	38	36	30	na
Other	kt	297	331	309	318	296	na
Livestock slaughterings							
Cattle and calves	'000	8 268	7 934	8 442	9 321	9 097	8 649
Cattle exported live c		402	650	895	720	730	850
Sheep	'000	17 500	14 581	14 340	16 299	14 393	15 585
Lambs	'000	15 289	14 223	14 579	14 954	16 053	17 557
Sheep exported live c		5 697	5 880	5 237	4 961	4 959	4 859
Pigs	'000	5 317	5 017	4 796	5 091	5 176	5 025
Poultry for meat	million	332	342	357	373	381	400 f
Livestock products							
Milk	ML	8 206	8 716	9 036	9 439	10 178	10 847
Fisheries products							
Tuna	kt	9	9	13	12	17	16
Other fish	kt	127	124	129	134	125	113
Prawns	kt	28	29	28	30	31	26
Rock lobster	kt	17	16	16	17	19	20
Abalone	kt	5	5	5	5	6	6
Scallops	kt	15	16	6	6	12	11
Oysters	kt	9	10	10	10	11	13

a Includes products for non food use, see section 2. b Includes strawberries, raspberries, blackberries, blueberries and blackcurrants. Excludes animals for breeding. c Excludes animals for breeding. e Industry estimate. f Industry forecast. na Not available.

Sources: ABARE, *Australian Crop Report*, 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, *Summary of Crops*, cat. no. 7330.0, Canberra; ABS, *Livestock Products, Australia*, cat. no. 7215.0, 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

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
	\$m	\$m	\$m	\$m	\$m	\$m
Crops						
Grains a						
Wheat	2 127	4 305	4 878	3 716	3 935	4 623
Barley	621	1 319	1 308	1 032	836	901
Oats	166	289	227	223	157	111
Maize	59	69	80	55	61	74
Rice	264	197	270	300	296	235
Lupins (albus only)	199	279	314	306	265	330
Field peas	68	132	111	96	88	101
Chickpeas	38	104	111	97	87	103
Mung beans	11	13	19	19	40	29
Faba beans	19	50	53	45	45	53
Oilseeds						
Canola	99	210	212	332	582	699
Sunflowerseed	46	25	47	34	54	49
Soybeans	11	18	31	22	36	39
Cottonseed	156	152	140	164	192	172
Other oilseeds	24	44	46	41	43	48
Other						
Sugarcane	1 208	1 169	1 186	1 248	1 058	943
Total crops	5 117	8 375	9 033	7 731	7 774	8 511
Horticulture						
Fruit						
Apples	270	305	378	273	321 p	296
Pears	73	91	106	108	112	na
Nashi	20	20	14	9	10	na
Avocado	40	38	42	46	52	na
Melons	75	74	84	93	127	na
Pineapples	43	36	39	37	39	na
Bananas	255	225	217	230	266	na
Kiwifruit	6	5	6	6	6	na
Mangoes	73	73	70	81	66	na
Wine grapes	345	548	532	766	974	831 f
Table and dried grapes	153	210	190	238	227	306
Oranges	215	219	256	254	296	na
Mandarins	71	71	86	76	82	na
Lemons/limes/grapefruit	30	37	40	33	23	na
Other fruit	19	27	39	29	48	na
Nuts and berries						
Almonds	29	40	39	43	46	na
Chestnuts	3	2	1	2	4 e	5
Macadamia	51	60	63	67	70 e	72
Berries b	66	71	72	91	107	na

Continued

1.2 Value of agricultural food production, by commodity (continued)

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00
	\$m	\$m	\$m	\$m	\$m	\$m
Horticulture (continued)						
Stonefruit						
Peaches	50	50	60	53	66	na
Nectarines	37	40	41	44	59	na
Apricots	29	31	39	31	28	na
Plums	32	33	39	44	42	na
Cherries	27	23	29	28	35	na
Vegetables						
Potatoes	378	414	449	493	438 p	394
Onions	79	113	92	125	119	na
Carrots	133	136	142	151	167	na
Asparagus	36	38	38	39	53	na
Broccoli	51	54	61	62	62	na
Cauliflower	45	48	48	48	56	na
Tomatoes	166	176	177	167	192 p	209
Mushrooms	126	128	135	157	149	na
Lettuce	70	77	76	93	88	na
Capsicum/chillies	41	44	41	49	62	na
Cabbage	40	24	24	24	22	na
Beans	39	43	41	47	43	na
Other	214	264	260	269	298	na
Total horticulture	3 426	3 889	4 064	4 405	4 852	na
Livestock slaughterings						
Cattle and calves	3 998	3 208	3 152	3 787	4 126	4 612
Cattle exported live c	216	368	445	351	351	436
Sheep	176	226	216	299	224	204
Lambs	464	596	637	574	639	668
Sheep exported live c	184	227	190	193	182	180
Pigs	683	825	765	710	690	857
Poultry meat	902	948	932	1 054	1 019	1 031
Livestock products						
Milk	2 419	2 848	2 811	2 817	2 900	2 853
Total livestock	8 641	8 651	8 512	9 240	9 597	10 225
Fisheries products						
Tuna	130	85	96	131	220	255
Other fish	337	352	378	396	428	448
Prawns	368	368	344	385	417	408
Rock lobster	451	370	413	377	418	545
Abalone	145	142	153	182	170	236
Scallops	64	71	37	39	37	39
Oysters	48	52	52	47	45	52
Total fisheries	1 541	1 440	1 473	1 557	1 734	1 981

a Includes products for non food use, see section 2. b Includes strawberries, raspberries, blackberries, blueberries and blackcurrants. Excludes animals for breeding. c Excludes animals for breeding. e Industry estimate. f Industry forecast. p Preliminary. na Not available.

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

1.3 Number of enterprises engaged in agricultural food production ^a

	1994-95	1995-96	1996-97	1997-98	1998-99
	no.	no.	no.	no.	no.
Main activity					
Grape growing	3 691	4 122	4 296	4 822	4 835
Apple and pear growing	1 187	1 166	1 184	1 219	1 227
Stone fruit growing	1 037	983	1 082	1 027	928
Other fruit	4 051	4 092	4 308	4 370	3 995
Vegetables	4 159	4 283	4 231	4 195	4 253
Grain growing	10 162	14 018	15 727	14 654	15 702
Grain-sheep/beef cattle farming	17 186	17 727	19 521	18 523	17 615
Sheep-beef cattle farming	10 339	9 429	8 072	7 679	6 972
Sheep farming	12 539	11 432	11 766	12 595	12 278
Beef cattle farming	20 492	19 388	16 495	15 915	15 362
Dairy cattle farming	13 870	13 683	13 683	13 762	13 241
Poultry farming (meat)	710	708	723	834	738
Poultry farming (eggs)	492	473	467	485	471
Pig farming	1 400	1 201	1 087	1 108	1 016
Deer farming	356	348	77	80	54
Sugar cane growing	5 025	4 995	4 975	5 080	5 067
Cotton growing	821	969	966	1 112	1 198
Total	107 517	109 017	108 660	107 460	104 952
Other agriculture					
Other livestock (including horses)	2 334	2 838	1 962	1 434	1 407
Other crops and plant growing nec	2 232	1 165	1 057	1 113	1 047
All other industries	2 355	2 493	2 585	2 728	1 023
Total	114 438	115 513	114 264	112 735	108 429

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

AGRICULTURAL FOOD PRODUCTION

1.4 *Employment in agricultural food production* ^a

	1994-95	1995-96	1996-97	1997-98	1998-99
	no.	no.	no.	no.	no.
Fruit	25 848	29 450	34 570	33 467	36 869
Vegetables	28 517	21 412	19 945	22 390	24 011
Grain growing	28 383	35 360	39 434	33 832	38 770
Grain-sheep/beef cattle farming	45 016	37 458	48 791	47 341	47 786
Sheep-beef cattle farming	26 315	24 939	16 904	14 939	16 519
Sheep farming	27 008	27 499	28 834	28 449	29 669
Beef cattle farming	40 657	41 248	36 218	34 320	33 412
Dairy cattle farming	35 053	30 846	33 029	35 020	34 671
Pig farming	5 114	4 303	4 864	5 451	4 246
Sugar cane growing	13 301	10 860	11 803	12 669	11 943
Cotton growing	3 887	4 239	5 399	5 893	6 126
Other agriculture	27 420	31 773	25 860	27 082	27 129
All agriculture	306 519	299 387	305 651	300 853	311 151

^a Includes proprietors and partners and employees working for farm businesses with an EVAO over \$22 500.

Excludes non salaried directors, consultants, contractors and unpaid labor.

Source: ABS, *Agriculture, Australia*, cat. no. 7113.0.

2.1 Supply and use of Australian wheat, canola and pulses ^a

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 ^p
	kt	kt	kt	kt	kt	kt
Wheat						
Production	8 961	16 504	23 702	19 224	22 108	25 012
Domestic use	3 963	4 127	3 512	5 012	5 285	5 546
Human and industrial ^b	1 893	1 991	2 122	2 174	2 184	2 181
Feed ^c	1 575	1 626	904	2 385	2 341	2 830
Seed	437	510	486	521	538	544
Net exports	6 342	13 298	19 189	15 679	16 391	17 782
Change in stocks	-1 344	- 921	1 001	-1 467	433	1 685
Canola						
Production	264	557	624	856	1 690	2 426
Domestic use	179	173	254	322	355	370
Crushers	178	171	251	315	345	363
Seed	2	2	3	6	10	7
Exports	85	384	330	555	1 355	2 033
Canola meal						
Production	103	94	137	178	193	203
Domestic use	103	94	137	178	193	201
Exports	0	0	0	0	0	2
Canola oil						
Production	69	72	106	128	142	149
Domestic use	69	66	93	92	94	110
Exports	0	7	15	38	50	41
Pulses – major crops						
Production						
Lupins	1 076	1 559	1 523	1 561	1 696	1 990
Field peas	240	530	454	316	298	357
Chickpeas	69	287	288	199	188	187
Apparent domestic use ^b						
Lupins	657	632	618	600	643	584
Field peas	98	257	149	132	31	91
Chickpeas	31	31	0	34	28	27
Exports						
Lupins	519	927	905	961	1 053	1 406
Field peas	142	273	304	184	267	267
Chickpeas	36	155	369	200	120	220

^a Wheat and legume export figures are for winter crop years defined as follows: October–September for wheat; November–October for canola (seed and products), peas and lupins. ^b Production may not equal the sum of apparent domestic use and exports in any one year due to reductions or increases in stock levels. Excludes wheat flour exports. ^c Calculated as a residual: production less exports less other domestic uses less change in stocks. ^p Preliminary.

Note: The export data refer to market year export periods, so are not comparable with financial year export figures published elsewhere.

Sources: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; ABARE.

2.2 Supply and use of Australian coarse grains ^a

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 ^p
	kt	kt	kt	kt	kt	kt
Barley						
Production	5 823	6 696	6 482	5 987	5 043	5 596
Domestic use	2 061	2 212	2 090	2 155	1 790	1 872
As malt and other human use	109	144	148	151	154	158
Feed	1 800	1 910	1 800	1 890	1 500	1 570
Seed	152	158	143	115	136	145
Export	4 042	4 331	3 463	4 765	3 292	3 730
Feed barley	1 685	1 957	2 025	2 607	1 512	1 746
Malting barley	1 890	1 928	982	1 635	1 259	1 387
Malt (grain equivalent)	467	447	457	525	552	597
Oats						
Production	1 875	1 653	1 634	1 798	1 092	1 292
Domestic use	1 620	1 503	1 481	1 550	957	1 149
Human	108	110	113	116	119	122
Feed	1 460	1 348	1 324	1 394	802	989
Seed	52	45	44	40	36	37
Export	255	150	154	248	135	144
Triticale ^b						
Production	469	674	633	708	521	601
Domestic use	469	674	633	708	521	601
Feed	450	656	620	695	507	587
Seed	18	18	13	13	14	14
Sorghum						
Production	1 591	1 425	1 081	1 891	2 163	1 553
Domestic use	993	1 194	897	1 399	1 499	1 022
Feed	990	1 192	894	1 396	1 496	1 019
Seed	3	3	3	3	3	3
Export	61	599	231	184	493	665
Maize						
Production	325	398	271	338	365	344
Domestic use	309	390	252	302	312	294
Human, industrial	92	94	96	94	96	99
Feed	216	295	155	207	215	194
Seed	1	1	1	1	1	1
Export	2	17	9	19	36	53
Total coarse grains						
Production	10 083	10 846	10 101	10 722	9 184	9 386
Domestic use	5 450	5 974	5 353	6 114	5 079	4 937
Human, industrial	309	348	357	361	369	378
Feed	4 916	5 400	4 793	5 582	4 519	4 359
Seed	226	225	203	171	190	200
Export	4 912	4 721	3 820	5 542	4 145	4 431

^a Market years are November–October for barley, oats and triticale, and March–February for sorghum and maize. This means that the 1998-99 barley crop harvested in November 1998 to January 1999 is marketed from November 1998 to October 1999. The 1998-99 sorghum crop harvested in March to May 1999 is marketed from March 1999 to February 2000. The sum of domestic use and exports may differ from production as a result of changes in grain stock levels. ^b Excludes small quantities of triticale for export. ^p Preliminary.

Note: The export data refers to market year export periods and so are not comparable with financial year export figures published elsewhere.

Sources: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; ABARE.

2.3 Supply and use of Australian dairy products

	Unit	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
Production of wholemilk	ML	8 206	8 716	9 036	9 439	10 178	10 847
Manufacture							
Butter a	kt	131	145	147	154	176	172
Cheese	kt	241	272	290	310	320	369
Non-cheddar	kt	91	102	114	123	134	153
Cheddar	kt	151	170	176	187	186	216
Wholemilk powder	kt	104	113	134	128	145	187
Skim milk powder b	kt	197	215	223	215	255	247
Casein	kt	7	6	5	9	8	9
Buttermilk powder	kt	13	14	15	15	17	18
Consumption							
Butter	kt	56	52	50	55	50	55
Margarine (table)	kt	96	99	87	82	82	na
Cheese c	kt	184	192	198	197	204	219
Australian	kt	157	158	166	166	167	182
Wholemilk powder	kt	16	20	24	16	18	15
Skim milk powder b	kt	39	41	43	34	35	37
Casein	kt	1	1	2	0	0	1
Market milk	ML	1 849	1 895	1 920	1 918	1 930	na
Exports							
Butter and butterfat a	kt	77	60	99	95	104	124
Cheese	kt	116	119	128	153	175	220
Wholemilk powder	kt	74	81	97	95	126	153
Skim milk powder	kt	174	168	192	178	220	218
Casein	kt	5	3	6	9	13	14
Other products							
Fresh milk	ML	65	69	80	75	82	86
Other fresh products	kt	4	6	9	9	6	5
Condensed milk	kt	44	53	45	52	62	69
Other powders	kt	39	28	34	36	38	54
Imports							
Cheese	t	28	33	32	31	31	32

a Includes the butter equivalent of butter oil, butter concentrate, ghee and dry butterfat production. b Includes mixed skim milk powder and buttermilk powder. c In natural equivalent weight. p Preliminary. na Not available.
 Sources: ABS, *Apparent Consumption of Selected Foodstuffs*, Australia, cat. no. 4315.0, Canberra; ABS, *Apparent Consumption of Foodstuffs*, Australia, cat. no. 4306.0, Canberra; ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra; Australian Dairy Corporation, *Dairy Compendium*, Melbourne; Australian Dairy Corporation, *Monthly Statistics*, Melbourne; Australian Dairy Corporation; ABARE.

2.4 Supply and use of Australian meats

	Unit	1995	1996	1997	1998	1999	2000 p
Beef and veal							
Slaughterings a	'000	7 906	7 968	9 148	9 308	8 756	8 657
Average slaughter weight	kg	217.5	217.6	212.0	213.5	227.4	233.9
Production b	kt	1 719	1 734	1 939	1 987	1 991	2 025
Exports c	kt	1 106	1 028	1 189	1 278	1 272	1 329
Consumption bd	kt	626	726	753	695	705	na
Closing stocks b	kt	41	29	34	28	29	na
Mutton							
Slaughterings	'000	15 228	14 447	15 552	15 316	14 723	16 457
Average slaughter weight	kg	20.5	21.1	20.5	20.6	21.0	21.1
Production b	kt	312	304	320	316	310	347
Exports bc	kt	209	198	209	209	210	235
Consumption bd	kt	101	109	113	108	93	112
Closing stocks b	kt	12	9	6	6	12	12
Lamb							
Slaughterings a	'000	14 680	14 069	14 924	15 659	16 346	18 578
Average slaughter weight	kg	17.9	18.5	18.8	19.2	19.5	19.9
Production b	kt	263	261	280	301	319	369
Exports c	kt	55	63	78	88	101	131
Consumption bd	kt	208	197	202	212	217	238
Closing stocks b	kt	3	4	4	4	5	5
Pig meat							
Slaughterings	'000	5 191	4 840	4 899	5 212	5 037	5 014
Average slaughter weight	kg	68.6	70.0	70.6	70.3	71.9	na
Production b	kt	356	339	346	366	362	na
Imports be	kt	10	14	23	20	49	72
Exports be	kt	9	12	17	25	45	55
Total consumption bd	kt	353	346	350	354	373	na
Closing stocks – pork b	kt	6	2	4	3	3	na
Poultry meat f							
Slaughterings	million	332	342	357	373	381	400
Average dressed weight b	kg	1.5	1.5	1.6	1.6	1.6	na
Production b	kt	504	525	557	602	611	na
Exports b	kt	18	18	18	23	24	24
Total consumption d	kt	487	507	540	579	587	na

a Includes calves. b Carcass weight. c Includes canned and miscellaneous product. d Apparent consumption. e Includes preserved pig meat. f Includes chicken, turkey and duck. p Preliminary. na Not available.

Sources: ABS, *Apparent Consumption of Foodstuffs*, cat. no. 4306.0, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; ABS, *Agricultural Commodities, Australia*, cat. no. 7121.0, Canberra; ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra; ABS, *Principal Agricultural Commodities, Australia, Preliminary*, cat. no. 7111.0, Canberra; Agriculture, Fisheries and Forestry – Australia, *Export Statistics*, Sydney; ABARE.

2.5 Supply and use of selected Australian horticultural products

	Unit	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
Grapes and grape products							
Grape production							
Total	kt	940	1 095	1 161	1 147	1 370	1 551
Grape use							
Wine making	kt	630	883	798	951	1 101	1 129
Red grapes	kt	200	282	260	350	436	538
White grapes	kt	430	601	538	601	666	592
Drying and table	kt	310	212	363	196	269	422
Wine production							
Fortified wine	ML	25	29	29	29	21	27
Unfortified wine	ML	433	577	538	651	772	779
Total wine	ML	458	606	567	680	793	806
Domestic sales							
Table wine	ML	252	247	268	277	287	307
Red wine	ML	65	69	84	87	99	114
White wine	ML	186	179	185	190	188	193
Sparkling wine	ML	28	30	32	31	33	33
Fortified wine	ML	27	26	26	25	24	23
Other wine	ML	10	4	7	6	4	7
Total wine a	ML	316	308	333	339	348	369
Exports							
Table wine	ML	105	122	146	184	206	276
Red wine	ML	45	55	69	86	100	144
White wine	ML	61	67	77	99	106	132
Sparkling wine	ML	5	5	6	6	7	8
Fortified wine	ML	2	2	2	3	3	2
Other wine	ML	1	2	1	1	1	1
Total wine	ML	114	131	155	194	216	288
Imports							
Table wine	ML	9	17	10	21	20	14
Sparkling wine	ML	3	3	2	3	3	4
Fortified wine	ML	0	0	0	0	0	1
Other wine	ML	1	1	1	1	1	1
Total wine	ML	14	20	14	26	24	20
Dried vine fruit							
Production (dried weight)	kt	54	38	69	29	44	63
Exports	kt	15	15	25	12	14	5
Imports	kt	7	9	10	12	16	17
Table grapes							
Production	kt	44	56	63	65	70	67
Exports	kt	13	21	27	27	29	33

Continued

2.5 Supply and use of selected Australian horticultural products (continued)

	Unit	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
Oranges and orange juice							
Navel oranges							
Production	kt	203	136	201	210	149	181
Fresh domestic consumption	kt	84	60	82	84	60	76
Processed	kt	70	30	50	52	28	36
Exports	kt	49	46	69	74	61	69
Valencia and other oranges							
Production	kt	448	303	388	356	299	335
Fresh consumption	kt	79	81	90	85	79	81
Processed	kt	326	180	250	227	168	211
Exports	kt	43	42	48	44	52	43
Total oranges							
Production	kt	651	439	589	566	448	516
Fresh consumption	kt	163	140	173	170	140	158
Processed	kt	396	210	300	279	196	247
Exports	kt	92	89	116	117	112	111
Imports	kt	7	10	13	13	6	14
Orange juice (equivalent tonnes of fresh oranges) b							
Production	kt	360	200	286	266	186	234
Exports of processed juice	kt	18	25	23	21	21	32
Imports of FCOJ	kt	156	220	185	222	367	293
Stocks of Australian FCOJ	kt	93	36	79	55	29	50
Apparent consumption	kt	406	360	368	412	503	445
Apples							
Production	kt	317	281	353	309	334	320
Fresh domestic consumption	kt	182	148	175	163	173	166
Processed	kt	101	104	153	110	136	131
Exports	kt	34	29	25	35	25	33
Tomatoes and tomato products							
Tomato production	kt	340	371	393	380	395	469 s
Tomato use							
Fresh domestic consumption	kt	90	78	89	39	81	96
Processed (raw material)	kt	244	288	299	334	309	368
Fresh exports	kt	6	5	5	7	5	5
Processed production	kt	na	99	104	125	117	138
Processed exports	kt	2	2	3	7	12	3
Processed imports	kt	39	38	36	37	34	24
Apparent processed consumption	kt	na	134	136	154	140	157

a Includes carbonated wine and vermouth. b 1 tonne fresh weight = 500 litres (single strength) orange juice. 1 tonne FCOJ = 13 Australian fresh fruit tonnes (approximately). p Preliminary. s ABARE estimate.

Note: FCOJ – Frozen concentrated orange juice.

Sources: ABS, *Australian Wine and Grape Industry*, cat. no. 1329.0, Canberra; Shepherd, A, *Wine Grapes*, ABARE Research Report 99.15, Canberra; ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; Australian Horticultural Corporation, *Australian Horticulture Statistics Handbook, 1999-2000*, Sydney; Australian Processing Tomato Industry Council, *Annual Industry Survey 1999*, Blackburn South, Victoria; ABARE.

3.1 Summary statistics for the Australian processed food industry

	Establishments at 30 June a		Employment at 30 June b		Wages and salaries c		Turnover		Industry value added	
	1997-98 no.	1998-99 no.	1997-98 '000	1998-99 '000	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m
Meat										
Meat processing	350	279	31	30	1 005	1 013	6 450	6 868	1 532	1 554
Poultry processing	143	136	13	13	373	415	2 229	2 405	574	681
Bacon, ham and smallgoods	153	136	7	8	201	226	1 260	1 404	370	419
Total	646	551	51	51	1 579	1 654	9 939	10 678	2 476	2 654
Dairy										
Milk and cream processing	49	39	7	6	286	275	3 010	2 798	661	596
Ice cream	96	72	3	3	116	111	654	690	188	204
Other dairy products	135	100	8	8	309	368	3 697	4 362	715	857
Total	280	211	17	17	710	754	7 361	7 849	1 564	1 657
Fruit and vegetables	249	264	10	11	426	446	3 202	3 532	834	924
Oil and fat	65	52	2	2	89	85	914	1 048	283	225
Flour mill and cereal food										
Flour mill products	47	42	2	2	100	103	1 143	1 273	277	278
Cereal food and baking mixes	146	183	5	6	187	206	2 099	2 089	607	669
Total	193	225	7	8	287	309	3 242	3 361	884	946
Bakery products										
Bread	146	58	10	9	342	371	1 265	1 309	410	475
Cakes and pastry products	395	606	10	9	243	256	1 035	1 071	343	388
Biscuits	74	11	5	5	169	154	1 014	1 031	574	515
Total	615	675	25	23	755	781	3 314	3 411	1 328	1 379
Other food										
Sugar	22	22	6	7	280	260	2 551	2 479	613	594
Confectionery	214	123	7	6	275	264	1 266	1 469	424	616
Seafood	200	126	4	4	100	100	1 130	1 111	209	195
Prepared animal and bird feed	217	169	4	4	172	186	2 527	2 549	448	520
Food nec	746	501	17	15	580	555	3 499	3 145	1 213	1 011
Total	1 399	941	38	36	1 406	1 364	10 973	10 753	2 906	2 935
Beverage and malt										
Soft drink, cordial and syrup	141	101	6	6	245	263	2 443	2 589	644	807
Beer and malt	36	40	3	3	160	165	2 496	2 518	886	892
Wine	301	312	8	9	229	268	2 595	3 323	1 084	1 326
Spirits	14	18	0	0	21	10	160	193	53	50
Total	492	471	17	18	655	707	7 694	8 624	2 667	3 074
Total food and beverages	3 939	3 390	168	166	5 906	6 099	46 639	49 256	12 940	13 794

a Statistical data collection units that do not necessarily represent a separate physical unit. b Includes working proprietors. c Excludes drawings of working proprietors.

Sources: ABS, *Manufacturing Industry*, cat. no. 8221.0, Canberra; ABS unpublished data, Canberra.

3.2 *New South Wales processed food industry – summary statistics*

	Employment at 30 June a		Wages and salaries b		Turnover		Industry value added	
	1997-98 no.	1998-99 no.	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m
Meat								
Meat processing	8 502	8 197	284.4	305.4	1 681.2	1 781.5	397.8	434.1
Poultry processing	6 556	6 691	201.1	218.2	1 075.9	1 112.1	275.8	373.3
Bacon, ham and smallgoods	1 415	1 760	45.3	53.3	369.1	428.0	112.6	129.0
Total	16 473	16 648	530.8	576.9	3 126.1	3 321.6	785.8	936.4
Dairy								
Milk and cream processing	1 898	993	76.6	58.9	752.1	504.8	155.6	836.0
Ice cream	1 054	807	54.1	48.4	274.3	262.4	105.2	107.4
Other dairy products	1 050	1 571	38.2	81.4	355.5	743.5	71.9	130.1
Total	4 002	3 371	168.9	188.7	1 381.9	15 510.7	333.7	321.2
Fruit and vegetables	2 391	2 618	88.0	97.0	677.1	732.8	125.1	133.2
Oil and fat	720	840	45.4	47.0	415.0	561.3	105.4	121.0
Flour mill and cereal food								
Flour mill products	1 218	1 191	55.0	59.0	648.8	726.4	151.5	151.9
Cereal food and baking mix	2 042	2 201	79.1	82.0	1 266.6	1 164.8	315.4	368.8
Total	3 260	3 392	134.1	140.9	1 915.4	1 891.2	466.9	520.7
Bakery products								
Bread	2 864	2 858	114.3	120.4	402.9	404.0	126.8	148.0
Cake and pastry	2 451	2 285	67.7	75.9	289.1	318.1	89.9	95.9
Biscuit	1 213	961	46.3	41.9	268.8	280.5	166.4	147.8
Total	6 528	6 105	228.3	238.3	960.7	1 002.6	383.1	391.8
Other food								
Sugar	484	532	na	na	na	na	na	na
Confectionery	1 615	1 272	69.8	na	364.8	na	120.8	na
Seafood	637	703	na	26.1	na	149.1	na	26.7
Prepared animal and bird feed	1 473	1 723	70.9	82.7	972.9	1 036.1	196.3	262.5
Food n.e.c.	5 786	5 263	201.4	207.3	1 213.4	1 091.9	387.4	364.3
Total	9 995	9 494	389.3	391.1	2 940.8	2 861.1	776.4	824.4
Beverage and malt								
Soft drink, cordial and syrup	2 095	2 042	80.4	82.5	803.6	880.2	194.8	259.9
Beer and malt	861	870	na	na	na	na	na	na
Wine	1 706	1 710	55.7	53.0	450.0	695.0	140.2	187.5
Spirits	na	na	na	na	na	na	na	na
Total	na	na	na	na	na	na	na	na
Total food and beverage	48 972	47 741	1 825.5	1 913.3	14 098.4	14 827.1	3 909.7	4 202.1
Total manufacture	303 617	297 015	11 415.9	11 972.5	68 272.9	71 876.2	22 186.4	22 902.5

a Includes working proprietors. b Excludes drawings of working proprietors. na Not available.
Source: ABS, *Manufacturing Industry, NSW and ACT*, cat. no. 8221.1, Canberra.

3.3 Victorian processed food industry – summary statistics

	Employment at 30 June a		Wages and salaries b		Turnover		Industry value added	
	1997-98 no.	1998-99 no.	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m
Meat								
Meat processing	6 413	5 892	211.7	200.4	1 177.0	1 222.0	329.1	288.7
Poultry processing	2 444	3 076	66.2	89.4	439.6	597.0	102.7	131.0
Bacon, ham and smallgoods	1 848	2 112	61.2	70.6	315.2	380.3	97.1	107.2
Total	10 705	11 079	339.1	360.5	1 931.8	2 199.3	528.9	526.8
Dairy								
Milk and cream processing	2 063	1 919	90.8	94.0	986.7	978.1	250.8	258.4
Ice cream	960	1 078	34.1	38.1	208.2	259.8	37.9	50.3
Other dairy products	4 991	4 953	213.8	231.2	2 734.4	3 023.4	509.6	611.4
Total	8 014	7 950	338.7	363.3	3 929.2	4 261.3	798.2	920.1
Fruit and vegetables								
	3 735	4 206	190.1	195.0	1 427.9	1 633.3	415.2	485.4
Oil and fat								
	na	na	na	na	na	na	na	na
Flour mill and cereal food								
Flour mill products	366	340	18.1	16.8	190.7	179.6	54.4	43.8
Cereal food and baking mix	1 793	2 332	71.1	87.4	514.5	623.1	166.5	214.9
Total	2 159	2 672	89.7	104.2	705.2	802.6	220.9	258.8
Bakery products								
Bread	2 371	2 184	84.7	98.1	287.3	299.8	102.2	128.0
Cake and pastry	3 468	3 014	79.4	75.8	382.2	368.7	124.7	149.7
Biscuit	1 891	1 631	59.2	53.8	292.6	288.7	159.0	135.0
Total	7 729	6 828	223.3	227.7	962.1	957.1	385.8	412.6
Other food								
Sugar	na	na	na	na	na	na	na	na
Confectionery	3 638	3 361	164.8	172.4	707.2	761.4	243.4	253.8
Seafood	na	na	na	na	na	na	na	na
Prepared animal and bird feed	1 288	1 131	56.3	54.3	795.0	756.6	146.2	145.3
Food n.e.c.	5 543	4 165	202.2	169.0	311.8	1 020.2	434.5	329.5
Total	11 255	9 256	444.7	414.2	3 010.5	2 814.1	916.3	789.8
Beverage and malt								
Soft drink, cordial and syrup	na	na	na	na	na	na	na	na
Beer and malt	627	606	na	na	na	na	na	na
Wine	1 833	2 168	47.9	58.5	582.0	777.9	269.2	375.6
Spirits	na	na	na	na	na	na	na	na
Total	3 770	4 112	140.5	160.6	1 831.0	2 087.0	689.5	833.7
Total food and beverage	48 512	46 990	1 823.9	1 877.7	14 550.7	15 558.8	4 212.3	4 529.2
Total manufacture	314 843	298 711	11 317.4	11 587.6	69 516.7	71 983.9	22 802.0	22 846.8

a Includes working proprietors. b Excludes drawings of working proprietors. na Not available.
Source: ABS, *Manufacturing Industry, Vic*, cat. no. 8221.2, Canberra.

3.4 Queensland processed food industry – summary statistics

	Employment at 30 June a		Wages and salaries b		Turnover		Industry value added	
	1997-98 no.	1998-99 no.	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m
Meat								
Meat processing	10 126	11 008	317.1	350.2	2 586.4	2 946.2	534.5	597.9
Poultry processing	1 567	1 775	46.7	52.5	318.8	312.5	95.1	84.3
Bacon, ham and smallgoods	1 644	1 790	47.5	53.0	303.5	317.3	90.4	96.2
Total	13 336	14 573	411.3	455.7	3 208.8	3 576.1	720.0	778.4
Dairy								
Milk and cream processing	1 428	1 436	52.4	50.0	581.8	577.1	92.8	77.3
Ice cream	323	353	6.8	9.3	58.2	55.0	13.3	18.5
Other dairy products	499	528	18.7	18.3	215.3	196.5	41.7	30.2
Total	2 250	2 318	78.0	77.5	855.3	828.5	147.7	126.0
Fruit and vegetables	1 969	1 801	67.8	58.3	392.6	394.2	135.3	91.4
Oil and fat	na	na	na	na	na	na	na	na
Flour mill and cereal food								
Flour mill products	256	299	12.9	12.6	122.1	180.2	21.8	36.9
Cereal food and baking mix	525	736	17.0	19.0	139.6	138.6	60.9	40.9
Total	782	1 035	29.8	31.5	261.7	318.8	82.7	77.8
Bakery products								
Bread	1 750	1 682	54.8	58.5	254.0	261.2	71.8	71.1
Cake and pastry	1 293	na	32.3	na	129.9	na	41.1	na
Biscuit	1 544	na	43.3	na	299.0	na	188.5	na
Total	4 586	4 573	130.4	135.0	682.9	710.6	301.4	297.5
Other food								
Sugar	5 571	5 900	240.8	226.0	2 069.8	1 994.5	493.5	487.4
Confectionery	138	142	2.1	2.5	7.8	7.6	3.2	3.1
Seafood	289	230	5.2	2.9	66.9	40.3	5.4	4.3
Prepared animal and bird feed	666	864	19.8	23.6	341.4	352.5	47.7	49.0
Food n.e.c.	3 350	3 436	97.8	104.8	595.7	604.1	197.4	166.0
Total	10 014	10 571	365.6	359.7	3 081.6	2 998.9	747.1	709.9
Beverage and malt								
Soft drink, cordial and syrup	1 116	1 248	na	na	na	na	na	na
Beer and malt	629	na	na	na	na	na	na	na
Wine	24	56	0.5	1.0	1.6	4.6	0.4	1.0
Spirits	55	na	na	na	na	na	na	na
Total	1 824	1 983	81.5	95.3	1 008.5	1 279.6	327.1	494.0
Total food and beverage	35 216	37 195	1 181.0	1 228.1	9 633.3	10 227.4	2 505.2	2 592.4
Total manufacture	144 266	144 622	4 642.1	4 842.6	31 433.2	32 244.9	9 422.3	9 528.0

a Includes working proprietors. b Excludes drawings of working proprietors. na Not available.
Source: ABS, *Manufacturing Industry, Qld*, cat. no. 8221.3, Canberra.

3.5 Western Australian processed food industry – summary statistics

	Employment at 30 June a		Wages and salaries b		Turnover		Industry value added	
	1997-98 no.	1998-99 no.	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m
Meat								
Meat processing	2 962	1 896	92.8	64.9	512.3	391.1	126.2	98.1
Poultry processing	1 103	922	30.0	na	217.3	na	61.5	na
Bacon, ham and smallgoods	754	840	22.9	na	136.2	na	32.5	na
Total	4 819	3 658	145.9	118.0	856.8	734.6	220.2	195.2
Dairy								
Milk and cream processing	555	na	na	na	na	na	na	na
Ice cream	498	386	na	na	na	na	na	na
Other dairy products	217	na	na	na	34.9	na	7.6	na
Total	1 271	1 271	na	56.6	na	434.5	na	109.4
Fruit and vegetables								
	na	687	na	19.2	na	148.9	na	33.3
Oil and fat								
	na	202	na	5.8	na	79.7	na	21.1
Flour mill and cereal food								
Flour mill products	208	na	7.8	na	95.5	na	24.3	na
Cereal food and baking mix	181	na	5.0	na	32.3	na	10.2	na
Total	389	371	12.9	12.7	127.8	131.4	34.5	28.6
Bakery products								
Bread	955	na	29.1	na	125.6	na	40.9	na
Cake and pastry	1 201	1 245	28.7	33.9	110.8	132.2	40.7	52.5
Biscuit	22	na	0.2	na	0.5	na	0.3	na
Total	2 179	2 201	58.0	63.7	236.9	268.9	81.8	99.7
Other food								
Sugar	na	na	na	na	na	na	na	na
Confectionery	na	na	na	na	na	na	na	na
Seafood	922	850	23.2	23.0	341.2	347.3	52.0	53.9
Prepared animal and bird feed	434	496	13.7	14.7	205.3	219.3	31.6	34.9
Food n.e.c.	1 244	1 402	40.7	40.2	203.0	200.5	77.3	66.1
Total	2 709	2 869	83.0	82.2	809.8	825.1	170.8	180.1
Beverage and malt								
Soft drink, cordial and syrup	680	539	31.4	na	235.8	na	39.1	na
Beer and malt	21	342	14.3	15.1	247.6	222.6	90.1	62.7
Wine	na	na	na	na	na	na	na	na
Spirits	na	na	na	na	na	na	na	na
Total	1 743	1 661	64.2	64.5	609.6	592.8	176.6	170.3
Total food and beverage	13 839	12 919	438.1	422.9	3 267.2	3 215.9	877.5	837.7
Total manufacture	75 975	72 710	2 513.2	2 600.3	17 529.2	17 770.5	5 240.1	4 971.6

a Includes working proprietors. b Excludes drawings of working proprietors. na Not available.
Source: ABS, *Manufacturing Industry, WA*, cat. no. 8221.5, Canberra.

3.6 South Australian processed food industry – summary statistics

	Employment at 30 June a		Wages and salaries b		Turnover		Industry value added	
	1997-98 no.	1998-99 no.	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m	1997-98 \$m	1998-99 \$m
Meat								
Meat processing	2 429	2 154	66.4	64.0	311.6	378.5	91.3	93.1
Poultry processing	na	621	na	na	na	na	na	na
Bacon, ham and smallgoods	na	736	na	na	na	na	na	na
Total	3 953	3 510	107.9	103.5	552.6	622.7	144.6	149.1
Dairy								
Milk and cream processing	565	na	na	na	na	na	na	na
Ice cream	47	na	na	na	na	na	na	na
Other dairy products	305	316	13.4	11.3	147.9	141.7	25.0	20.4
Total	917	877	38.2	34.0	419.4	401.6	85.2	87.9
Fruit and vegetables								
	658	693	23.5	30.6	216.2	276.3	35.5	95.3
Oil and fat								
	na	na	na	na	na	na	na	na
Flour mill and cereal food								
Flour mill products	na	121	na	5.3	na	73.4	na	22.4
Cereal food and baking mix	na	na	na	na	na	na	na	na
Total	na	na	na	na	na	na	na	na
Bakery products								
Bread	1 058	1 138	36.9	41.1	108.1	122.4	38.8	50.1
Cake and pastry	1 090	1 097	27.2	29.1	87.9	89.4	35.2	38.4
Biscuit	714	621	20.4	17.7	153.1	155.2	59.9	52.9
Total	2 862	2 855	84.5	87.8	349.1	366.9	133.9	141.4
Other food								
Sugar	na	na	na	na	na	na	na	na
Confectionery	362	380	na	7.2	na	29.4	na	11.1
Seafood	725	661	17.1	18.2	240.6	247.1	37.2	49.1
Prepared animal and bird feed	261	217	na	7.4	na	127.9	na	16.3
Food n.e.c.	1 115	867	35.5	30.3	274.9	218.6	113.0	83.3
Total	na	2 125	68.4	63.0	703.4	623.0	180.2	159.9
Beverage and malt								
Soft drink, cordial and syrup	na	634	na	na	na	na	na	na
Beer and malt	251	223	16.0	13.6	209.9	169.8	53.7	53.7
Wine	3 420	3 969	107.0	135.4	1 435.4	1 702.0	626.9	706.9
Spirits	na	70	na	na	na	na	na	na
Total	4 507	4 897	154.8	179.6	1 976.1	2 131.6	796.6	862.0
Total food and beverage	15 958	15 588	496.7	517.8	4 436.4	4 630.7	1 452.4	1 556.3
Total manufacture	86 602	83 356	2 997.0	3 030.6	19 664.1	20 180.9	6 883.2	6 413.6

a Includes working proprietors. b Excludes drawings of working proprietors. na Not available.
Source: ABS, *Manufacturing Industry, SA*, cat. no. 8221.4, Canberra.

3.7 *Tasmanian processed food industry – summary statistics*

	Employment at 30 June a		Wages and salaries b		Turnover		Industry value added	
	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99
	no.	no.	\$m	\$m	\$m	\$m	\$m	\$m
Meat								
Meat processing	na	762	na	na	na	na	na	na
Poultry processing	na	na	na	na	na	na	na	na
Bacon, ham and smallgoods	217	253	4.7	4.6	31.4	32.7	6.4	9.1
Total	na	na	na	na	na	na	na	na
Dairy								
Milk and cream processing	176	221	6.7	8.5	72.0	107.5	12.9	19.8
Ice cream	5	na	0.1	na	0.4	na	0.1	na
Other dairy products	575	na	17.9	na	209.4	na	59.0	na
Total	756	868	24.6	26.7	281.7	319.4	72.0	72.7
Fruit and vegetables								
	943	1 189	42.6	45.9	353.4	346.3	80.7	85.6
Oil and fat								
	7	na	0.1	na	0.6	na	0.3	na
Flour mill and cereal food								
Flour mill products	na	4	na	na	na	0.1	na	na
Cereal food and baking mix	na	na	na	na	na	na	na	na
Total	na	na	na	na	na	na	na	na
Bakery products								
Bread	312	na	11.1	na	34.4	na	11.9	na
Cake and pastry	na	na	na	na	na	na	na	na
Biscuit	na	na	na	na	na	na	na	na
Total	602	523	17.9	16.1	66.2	50.5	22.7	17.8
Other food								
Sugar	na	na	na	na	na	na	na	na
Confectionery	na	na	na	na	na	na	na	na
Seafood	na	1 131	na	na	na	na	na	na
Prepared animal and bird feed	80	na	2.6	na	50.6	na	6.2	na
Food n.e.c.	45	57	na	0.7	na	3.6	na	0.3
Total	1 752	1 946	52.4	51.5	411.2	622.2	111.5	268.3
Beverage and malt								
Soft drink, cordial and syrup	19	na	0.1	na	0.8	na	0.1	na
Beer and malt	222	215	7.3	7.3	63.6	64.6	19.1	20.9
Wine	na	50	na	na	na	2.1	na	0.7
Spirits	na	na	na	na	na	na	na	na
Total	257	285	7.6	8.0	65.8	68.0	19.7	22.1
Total food and beverage	5 624	6 010	184.5	182.7	1 416.3	1 610.8	373.9	525.0
Total manufacture	20 878	20 220	728.8	736.9	4 997.9	5 278.3	1 581.0	1 720.0

a Includes working proprietors. b Excludes drawings of working proprietors. na Not available.
Source: ABS, *Manufacturing Industry, Tas*, cat. no. 8221.6, Canberra.

4.1 *Retail food turnover, by state and category*

	1996-97	1997-98	1998-99	1999-00
	\$m	\$m	\$m	\$m
New South Wales				
Supermarkets and grocery stores	11 223	11 743	12 451	13 073
Takeaway food outlets	2 480	2 373	1 943	1 875
Liquor retailing	1 305	1 279	1 236	1 357
Cafes and restaurants	2 429	2 371	2 960	2 908
Other food retailing	2 199	2 762	2 795	2 614
Victoria				
Supermarkets and grocery stores	8 952	9 386	10 217	10 801
Takeaway food outlets	1 638	1 464	1 419	1 419
Liquor retailing	462	560	670	737
Cafes and restaurants	1 099	1 260	1 617	2 210
Other food retailing	1 401	1 524	1 627	1 692
Queensland				
Supermarkets and grocery stores	6 783	6 892	7 492	7 930
Takeaway food outlets	1 382	1 539	1 424	1 388
Liquor retailing	na	na	na	na
Cafes and restaurants	1 011	1 091	1 111	1 428
Other food retailing				
Western Australia				
Supermarkets and grocery stores	3 636	4 010	4 422	4 573
Takeaway food outlets	685	641	751	761
Liquor retailing	439	478	522	583
Cafes and restaurants	671	722	779	783
Other food retailing	624	649	684	703
South Australia				
Supermarkets and grocery stores	2 796	2 895	3 050	3 134
Takeaway food outlets	444	511	505	476
Liquor retailing	114	120	144	159
Cafes and restaurants	402	399	384	445
Other food retailing	552	709	833	833
Tasmania				
Supermarkets and grocery stores	959	973	965	981
Takeaway food outlets	180	167	168	184
Liquor retailing	na	na	na	na
Cafes and restaurants	138	101	79	78
Other food retailing	na	na	na	na

Continued

4.1 Retail food turnover, by state and category (continued)

	1996-97	1997-98	1998-99	1999-00
	\$m	\$m	\$m	\$m
Australian Capital Territory				
Supermarkets and grocery stores	678	696	708	774
Takeaway food outlets	115	129	121	97
Liquor retailing	43	40	41	45
Cafes and restaurants	155	149	165	168
Other food retailing	86	70	76	99
Northern Territory				
Supermarkets and grocery stores	546	512	536	601
Takeaway food outlets	77	75	89	94
Liquor retailing	23	26	29	34
Cafes and restaurants	89	105	119	93
Other food retailing	29	30	35	48
Australia				
Supermarkets and grocery stores	35 573	37 107	39 841	41 868
Takeaway food outlets	7 002	6 898	6 420	6 294
Liquor retailing	2 437	2 639	2 962	3 279
Cafes and restaurants	5 993	6 196	7 214	8 112
Other food retailing	5 997	7 127	7 504	7 513
Total food and liquor retailing	57 002	59 966	63 941	67 066
Total retailing	125 739	131 153	138 930	147 581

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

4.2 Consumer price index for food groups

	1995-96	1996-97	1997-98	1998-99	1999-00
Food	116	120	122	127	129
Dairy and related products	124	130	133	136	140
Milk and cream	135	142	147	151	156
Cheese	111	113	111	114	116
Other dairy products	116	123	126	130	135
Cereal products	127	133	136	140	143
Bread	134	145	150	159	165
Cakes and biscuits	122	124	126	127	130
Breakfast cereals	125	129	129	125	122
Other cereal products	119	122	124	124	125
Meat and seafoods	107	109	110	111	114
Beef and veal	107	104	104	105	109
Lamb and mutton	121	123	123	124	127
Pork	108	114	113	111	119
Poultry	91	96	96	95	96
Bacon and ham	108	114	114	112	114
Processed meat	110	113	115	116	120
Fish and other seafood	102	102	105	111	114
Fresh fruit and vegetables	99	105	101	119	116
Fresh fruit	112	124	112	132	135
Fresh vegetables	91	92	95	111	102
Processed fruit and vegetables	114	116	117	120	122
Processed fruit	117	118	122	128	133
Processed vegetables	107	107	107	108	111
Fruit and vegetable juices	118	121	122	127	126
Soft drinks, ice cream and confectionery	127	130	136	141	142
Soft drinks and cordials	123	126	131	134	133
Ice cream and ice confectionery	139	145	149	152	157
Sweet and savoury snacks	127	131	138	146	148
Other food	119	121	126	128	130
Eggs	130	141	144	146	152
Jams, honey and sandwich spreads	132	135	140	140	143
Tea, coffee and food drinks	121	122	137	139	138
Food additives and condiments	113	113	117	123	124
Fats and oils	113	114	113	118	119
Food n.e.c.	116	119	122	123	127
Meals out and take away foods	116	119	121	124	127
Restaurant meals	117	120	123	126	129
Take away and fast foods	117	120	121	124	127

a weighted average, capital cities, base year 1989-90 = 100

Source: ABS, *Consumer Price Index*, electronic data service, cat. no. 6401.0, Canberra

4.3 Average retail prices of selected foods

	Unit	1995-96 cents	1996-97 cents	1997-98 cents	1998-99 cents	1999-00 cents
Dairy products						
Milk, fresh	L	115	120	124	128	137
Wholemilk powder	kg	598	583	640	639	na
Cheese	500gm	351	357	362	359	365
Butter	500gm	183	190	190	193	201
Grain products						
Bread	650gm	172	185	191	262	226
Breakfast foods	550gm	334	338	299	323	305
Flour	kg	143	146	146	145	149
Rice	kg	127	137	151	159	164
Meat and seafood						
Beef	kg	1 011	977	983	990	1 041
Lamb	kg	693	704	703	710	725
Pig meat	kg	750	792	789	775	842
Chicken	kg	294	302	330	349	359
Seafood	210gm	232	220	238	258	258
Fruit and vegetables						
Oranges	kg	166	170	186	224	215
Banana	kg	196	254	199	218	230
Potatoes	kg	115	103	116	125	127
Tomatoes	kg	290	282	269	345	303
Carrots	kg	130	135	143	172	158
Onions	kg	141	108	123	138	132
Processed fruit						
Jam, strawberry	500gm	241	243	246	241	245
Other food						
Sugar	2kg	209	210	215	229	229
Tea	250gm	184	190	222	265	342
Coffee	150gm	575	563	634	614	603
Eggs	dozen	245	268	271	282	297
Margarine	500gm	159	155	155	172	175
Chocolate milk	250gm	259	276	291	304	312
Alcohol and beverages						
Beer, bottled,						
low alcohol	24x375mL	1 975	1 994	1 998	2 013	2 126
Scotch	30mL	294	302	330	349	335

Source: ABS, *Average Retail Prices of Selected Items*, cat. no. 6403.0, Canberra; ABARE.

4.4 Apparent consumption of selected foods Australia

		Average for 3 years ended					
		1948-49	1958-59	1968-69	1978-79	1988-89	1998-99
Meat and meat products							
Beef and veal	kg	49.5	56.2	40.0	64.8	40.0	36.4
Lamb	kg	11.4	13.3	20.5	14.4	14.9	11.8
Mutton	kg	20.5	23.1	18.8	3.6	7.3	4.5
Pigmeat	kg	3.2	4.6	6.7	13.3	17.5	19.0
Total	kg	84.6	97.2	85.9	96.1	79.8	71.6
Canned meat (canned weight)	kg	1.2	1.9	2.2	1.6	na	na
Bacon and ham (cured carcass weight)	kg	5.3	3.2	3.6	6.0	6.9	8.7
Poultry							
Poultry (dressed weight)	kg	na	na	8.3	17.1	24.1	30.8
Seafood a							
Fish (edible weight)							
Australian	kg	1.5	1.8	1.8	2.1	3.1	3.6
Imported	kg	2.1	2.1	2.7	3.0	3.6	4.5
Crustacea and molluscs	kg	0.5	0.6	1.1	1.3	1.6	2.9
Total	kg	4.1	4.5	5.6	6.4	8.3	11.0
Dairy products							
Condensed, concentrated and evaporated milk							
Full cream							
Sweetened	kg	1.6	1.2	1.1	0.8	na	na
Unsweetened b	kg	1.8	2.9	3.5	2.5	na	na
Total	kg	3.4	4.1	4.6	3.3	2.2	0.4
Skim milk	kg	na	0.6	0.7	1.6	1.2	1.0
Powdered milk							
Full cream	kg	1.5	1.1	0.8	1.3	0.9	0.9
Skim	kg	0.3	1.1	4.3	2.7	2.8	1.8
Infants' and invalids' food	kg	0.6	1.0	1.3	1.2	1.2	na
Cheese c	kg	2.5	2.6	3.5	5.3	8.8	10.7
Market milk (fluid) d	L	138.7	128.7	128.2	100.5	101.7	102.4
Total ef	kg	22.3	22.1	25.4	22.1	23.8	23.3
Fruit and fruit products							
Fresh fruit (incl. fruit for fruit juice)							
Citrus	kg	16.9	16.1	22.5	34.5	39.1	56.4
Other	kg	39.5	35.6	40.8	34.6	49.9	55.4
Jams, conserves etc. (product weight)	kg	5.6	3.9	3.3	2.0	2.1	1.9
Dried fruit (product weight)	kg	3.9	2.8	2.5	2.0	2.4	3.0
Processed fruit (product weight)	kg	3.4	6.0	9.9	10.5	8.4	6.8
Total (fresh fruit equivalent)	kg	80.9	72.2	86.5	91.0	111.6	135.0
Vegetables							
Potatoes	kg	56.3	51.7	53.7	50.1	61.5	68.0
Other root and bulb vegetable g	kg	19.1	15.9	17.1	16.7	19.3	24.4
Tomatoes	kg	11.5	13.0	14.2	13.6	19.3	24.9
Leafy and green vegetables	kg	20.5	17.9	21.3	24.3	23.8	19.5
Other vegetable	kg	22.3	18.6	18.1	17.9	24.2	25.1
Total (fresh equivalent weight)	kg	129.7	117.1	124.3	122.5	148.1	162.0
Eggs and egg products							
Total h	doz.	12.7	10.2	12.6	12.4	na	na
Equivalent number of eggs h	no.	255.0	206.0	222.0	220.0	146.0	137.0

Continued

4.4 Apparent consumption of selected foods Australia continued

		Average for 3 years ended					
		1948-49	1958-59	1968-69	1978-79	1988-89	1998-99
Grain products							
Wheaten flour ij	kg	91.6	82.3	77.4	69.6	72.6	69.7
Breakfast foods	kg	6.1	6.2	6.8	7.8	9.7	7.9
Table rice	kg	0.4	na	1.9	2.4	na	7.1
Bread	kg	64.0	69.1	59.5	47.7	44.4	53.4
Nuts (in shell)							
Peanuts	kg	4.2	3.1	2.8	2.1	2.3	2.3
Tree nuts	kg	1.8	3.4	5.8	2.9	3.8	4.8
Oils and fats							
Butter k	kg	11.2	12.3	9.8	5.1	3.2	2.9
Margarine							
Table	kg	0.4	na	1.5	5.4	6.8	4.5
Other	kg	2.4	2.2	3.4	3.1	2.2	1.9
Total (fat content) l	kg	14.0	na	14.3	21.6	20.4	18.5
Sugars							
Cane sugar							
As refined sugar	kg	31.2	27.0	21.0	14.9	8.8	na
In manufactured foods	kg	23.1	23.6	27.7	34.6	33.9	na
Total	kg	54.3	50.6	48.7	49.5	42.7	na
Total sugars m	kg	56.8	53.0	51.9	54.5	48.3	43.4
Beverages							
Tea	kg	2.9	2.7	2.3	1.7	1.2	0.9
Coffee n	kg	0.5	0.6	1.2	1.6	2.0	2.4
Aerated / carbonated waters o	L	na	na	47.3	67.4	87.4	113.0
Beer	L	76.8	99.7	113.5	133.2	113.1	93.2
Wine	L	5.9	5.0	8.2	14.7	20.2	19.8
Alcohol content p							
Beer	L al	3.6	4.8	5.5	6.4	5.1	4.0
Wine	L al	0.8	0.9	1.2	2.0	2.4	2.3
Spirits	L al	0.8	0.7	0.9	1.2	1.2	1.2
Total	L al	5.2	6.4	7.5	9.6	8.7	7.5

a Comprises fresh, frozen and otherwise prepared seafood. b Included in 'Ice-cream mix' prior to 1972-73. c Combined product and natural weight equivalent weights prior to 1971-72. d Prior to 1978-79 known as fluid whole milk. e Includes an allowance for estimated cream consumption. f Excludes infants and invalids food after 1993-94. g Sweet potatoes included with 'Other root and bulb vegetables' since 1968-69; formerly included with 'Other vegetables'. h Data from 1988-89 onwards includes an estimate for home production of eggs. i Includes flour for breadmaking. j From 1994-95 data excludes flour used in production of starch and gluten. k Includes butter equivalent of butter oil, butter concentrate and ghee. l Includes an estimate for vegetable oils and other fats. Prior to 1975-76 this was estimated at 2 kg, from 1975-76 onwards estimated at 10 kg. m Includes sugar content of syrups, honey and glucose. n Coffee and coffee products in terms of roasted coffee. o Includes bulk pre-mix and post-mix concentrates in terms of drink equivalent. p From 1984-85, data for beer have been compiled on the basis of excise data. Prior to this the alcohol content of beer was calculated using 2.4 per cent by volume for low alcohol beer and 4.8 per cent for other beer.

Source: ABS 2000, *Apparent Consumption of Foodstuffs, 1997-98 and 1998-99*, cat. no. 4306.0, Canberra.

5.1 Australian food exports, by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	196	268	387	574	621	532	528	625
Fish or shellfish	238	317	384	435	445	446	453	524
Horticulture								
Vegetables	124	169	188	187	177	209	218	191
Fruit and nuts	210	236	260	287	348	359	372	396
Total	334	404	449	474	525	568	590	587
Grains	2 630	2 617	1 961	4 236	5 231	4 267	4 193	4 208
Oilseeds	76	116	104	201	198	364	683	798
Food n.e.c.	32	33	30	39	34	37	88	54
Substantially transformed								
Meat								
Meat processing	3 741	4 036	3 650	3 281	2 943	3 714	3 986	4 440
Poultry processing	9	12	13	14	14	18	23	21
Bacon, ham and smallgoods	66	73	80	71	69	64	61	86
Total	3 816	4 121	3 744	3 366	3 027	3 795	4 070	4 548
Seafood	707	786	751	671	636	731	769	1 006
Dairy								
Milk and cream processing	548	631	721	872	899	897	1 056	1 126
Ice cream	11	32	37	41	44	47	41	36
Other dairy products	579	659	692	794	852	1 008	1 193	1 305
Total	1 137	1 322	1 450	1 707	1 795	1 952	2 291	2 467
Fruit and vegetables	455	437	396	469	491	436	480	522
Oil and fat	63	66	82	95	104	167	170	131
Flour mill and cereal food								
Flour mill products	94	119	113	143	158	174	204	209
Cereal food and baking mix	306	425	403	446	438	528	513	529
Total	400	543	516	589	596	702	717	738
Bakery products								
Bread	12	14	16	17	16	11	11	19
Bread, cake and pastry	11	13	14	16	15	9	8	17
Biscuit	29	34	45	58	72	83	79	69
Total	52	61	75	91	103	103	97	106
Other food								
Sugar	1 015	1 246	1 657	1 595	1 595	1 742 a	1 377 a	1 111 a
Confectionery	87	149	149	194	170	162	176	230
Food n.e.c.	453	562	511	603	767	788	734	900
Total	1 556	1 958	2 318	2 392	2 532	2 692	2 288	2 241
Beverages and malt								
Soft drink, cordial and syrup	17	24	31	59	34	28	23	26
Beer and malt	170	170	166	204	215	216	207	213
Wine	293	367	386	474	604	874	1 068	1 374
Spirit	15	22	27	27	29	31	38	55
Total	495	583	610	764	883	1 150	1 336	1 667
Total food and beverage								
Minimally transformed	3 507	3 755	3 315	5 959	7 053	6 214	6 536	6 796
Substantially transformed	8 554	9 684	9 738	9 897	9 930	11 496	11 971	13 151
Elaborately transformed	126	193	202	246	238	232	247	273
Total	12 187	13 632	13 255	16 102	17 222	17 942	18 754	20 221

a Includes ABARE estimates where ABS confidentiality restrictions apply. p Preliminary.

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

5.2 Australian grain exports, by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Cereals								
Barley, feed	243	na	110	317	372	264	427	326
Barley, malting	162	247	187	394	443	280	271	320
Maize	5	6	3	2	8	3	6	11
Oats	40	33	18	50	26	30	38	27
Rice, husked (paddy)	0	0	0	0	0	1	29	17
Sorghum	34	32	19	97	70	50	14	4
Wheat	1 987	2 290	1 618	3 363	4 301	3 630	3 398	3 413
Other	11	8	7	12	10	8	10	11
Total	2 482	2 617	1 961	4 236	5 231	4 267	4 193	4 130
Oilseeds								
Canola	19	48	38	138	124	256	558	638
Cottonseed	35	35	34	42	45	68	91	122
Sunflowerseed	3	4	9	7	8	7	10	19
Other	19	30	23	14	21	33	25	16
Total	76	116	104	201	198	364	683	796
Other	148	0	0	0	0	0	0	78
Substantially transformed								
Milled								
Barley	0	0	0	0	1	1	0	1
Maize	0	1	1	0	0	0	0	0
Oats	8	6	7	11	12	12	13	13
Rice	228	319	286	326	313	394	380	363
Wheat a	9	11	9	13	9	16	12	13
Other	0	0	0	1	1	2	1	1
Total	246	337	303	351	335	425	406	389
Flour								
Maize	0	0	0	0	0	1	1	1
Rice	0	3	4	7	5	7	8	7
Wheat	16	14	15	26	45	57	69	68
Other	0	0	0	0	0	0	0	0
Total	17	18	19	33	50	65	77	76
Oil								
Canola	0	3	0	5	6	24	52	25
Cottonseed	0	0	0	0	1	18	2	0
Sunflowerseed	0	0	0	0	0	4	7	6
Other	40	40	54	62	74	92	85	79
Total	41	43	55	67	81	139	145	110
Cereal starches								
Wheat	58	83	76	83	83	77	99	104
Rice	0	0	1	2	1	1	1	1
Other	0	0	0	0	1	1	0	0
Total	59	83	77	85	85	78	100	105
Malt								
Total	118	117	107	156	174	173	170	166
Preparations of cereals								
Biscuits	29	34	45	58	72	83	79	69
Breads and cakes	12	14	16	17	16	11	11	19
Pasta	11	13	16	17	17	25	23	31
Other	67	93	101	103	108	108	110	136
Total	119	154	178	195	213	228	223	255
Total grains								
Minimally transformed	2 706	2 733	2 065	4 437	5 428	4 630	4 877	5 004
Substantially transformed	565	711	687	825	867	1 033	1 050	1 027
Elaborately transformed	34	40	51	61	73	74	72	75
Total	3 305	3 484	2 803	5 323	6 368	5 738	5 999	6 107

a Includes ABARE estimates where ABS confidentiality restrictions apply.

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

5.3 Australian meat and livestock exports, by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Live animals a								
Cattle	81	125	216	368	445	351	351	436
Sheep	122	149	184	227	190	193	182	180
Other	4	4	2	3	4	6	4	12
Total live animal exports	207	277	402	598	639	550	537	629
Meat and meat products								
<i>Beef and veal b</i>								
Fresh, chilled or frozen								
Carcasses	57	63	66	61	57	55	49	9
Hindquarters and forequarters								
Bone-in	139	101	84	52	37	44	56	58
Boneless	309	292	297	215	222	336	401	417
Cuts								
Bone-in	21	24	25	27	26	28	51	54
Boneless	2 459	2 745	2 381	2 103	1 771	2 236	2 379	2 651
Other products c	157	144	139	141	122	144	161	205
Beef and veal products, otherwise prepared or preserved d	24	24	32	41	32	39	41	44
Total beef and veal	3 167	3 394	3 023	2 638	2 267	2 883	3 137	3 437
<i>Sheep meat</i>								
Fresh, chilled or frozen								
Carcasses	73	96	90	62	67	78	80	74
Cuts								
Bone-in	181	224	227	232	296	355	378	437
Boneless	192	190	180	213	178	219	178	195
Other products c	21	34	38	36	37	40	44	39
Sheep meat products, otherwise prepared or preserved d	2	3	2	3	3	2	3	3
Total sheep meat	469	548	538	546	580	695	683	747
<i>Pig meat</i>								
Fresh, chilled or frozen								
Carcasses	12	8	4	2	3	3	11	91
Hams, shoulders and cuts	4	5	4	4	3	5	3	2
Other pig meat n.e.c.	19	13	16	25	27	44	57	66
Other products c	2	1	2	1	2	3	2	2
Pig meat products, otherwise prepared or preserved d	1	1	1	1	1	1	1	1
Total pig meat	37	27	26	32	36	55	74	162
<i>Poultry meat e</i>	9	12	13	14	14	18	23	21
<i>Bacon, ham and smallgoods</i>	66	73	80	71	69	64	61	86
<i>Other meat f</i>								
Fresh, chilled or frozen								
Goat meat	21	22	22	20	18	24	22	27
Horse, ass, mule and hinny meat	26	26	23	23	16	21	26	20
Kangaroo meat	1	1	3	4	5	8	11	10
Other meat and meat products c	6	5	7	9	10	17	19	27
Other meat products otherwise prepared or preserved d	14	13	9	10	11	11	13	11
Total other meat	68	67	63	65	60	81	92	95
Total meat and meat product exports	3 816	4 121	3 744	3 366	3 027	3 795	4 070	4 548

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. p Preliminary.

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

5.4 Australian dairy exports, by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Butter and butterfat a	156	183	159	181	220	238	294	291
Cheese								
Unprocessed cheddar	102	120	128	152	164	225	239	286
Processed cheddar	112	124	127	147	130	177	206	227
Unprocessed other	78	92	94	123	133	134	175	180
Processed other	13	19	20	22	24	23	31	33
Fresh, unripened or uncured b	9	11	26	12	17	39	38	71
Grated or powdered cheese	4	4	5	8	7	8	7	9
Total cheese	318	370	401	463	476	607	695	807
Wholemilk powder	147	149	183	255	268	275	364	403
Skim milk powder	303	367	399	479	473	444	496	478
Casein	27	35	35	30	33	43	67	81
Other products								
Fresh milk	30	40	52	57	68	67	76	81
Icecream	11	32	37	41	44	47	41	36
Other fresh products	3	6	11	13	18	22	18	20
Condensed milk	26	26	44	61	49	58	82	87
Other powders	85	87	95	81	97	116	117	159
Lactose	2	1	1	3	3	2	2	3
Yoghurt	4	5	8	8	8	6	6	7
Other dairy products	26	23	27	36	38	26	33	14
Total	1 138	1 323	1 451	1 708	1 796	1 952	2 291	2 468

a Includes the butter equivalent of butter oil, butter concentrate, ghee and dry butterfat production. b Includes blue veined cheese.
p Preliminary.

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

5.5 Australian seafood exports, by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Fish								
<i>Minimally transformed</i>								
Live	4.6	5.5	9.0	15.7	14.7	16.0	13.3	23.6
Fresh or chilled								
Tuna a	4.2	14.4	19.6	38.3	42.4	70.4	71.8	100.5
Salmon	17.5	22.5	22.3	23.4	18.5	12.0	7.8	5.7
Other fish	3.6	3.8	4.1	8.5	11.3	9.3	7.2	10.3
Whole frozen								
Tuna a	2.3	0.5	0.9	1.0	2.4	9.6	30.9	105.2
Salmon	1.9	0.6	1.0	1.3	2.7	1.6	2.4	2.6
Whiting	2.9	4.2	4.2	4.4	3.3	4.0	3.4	3.0
Other fish	11.3	14.4	14.7	16.0	19.3	27.3	50.5	19.1
<i>Substantially transformed</i>								
Fillets								
Fresh or chilled	1.9	2.3	4.7	3.2	5.0	5.4	4.8	4.8
Frozen	48.4	34.0	20.5	13.0	13.6	26.9	44.3	36.9
Other frozen	18.7	22.0	29.6	27.5	29.8	32.4	24.6	62.4
<i>Elaborately transformed</i>								
Dried, salted or smoked								
Salmon	0.3	1.8	1.2	1.1	1.5	1.0	1.0	0.9
Other fish	3.9	3.9	4.7	6.1	8.5	9.0	5.8	13.0
Roes, caviar and substitutes	10.4	7.9	9.9	10.9	7.0	7.3	5.3	5.7
Canned	0.9	1.5	1.4	2.1	2.5	2.1	2.7	4.7
Other processed	2.2	1.2	3.8	5.4	7.0	6.5	3.9	0.5
Total fish b	135.0	140.6	151.8	177.8	189.3	240.6	280.0	398.7
Shellfish								
<i>Minimally transformed</i>								
Live fresh or chilled								
Whole								
Rock lobster	159.2	217.5	246.7	241.3	267.3	254.3	268.6	295.8
Prawns	5.1	4.7	18.7	19.9	22.5	14.7	21.2	10.2
Crabs	8.3	15.3	20.0	29.0	19.6	22.6	16.3	19.0
Other crustaceans	0.9	0.7	0.6	0.3	0.0	0.1	0.5	0.1
Abalone	20.3	18.8	28.9	37.7	38.9	37.2	42.1	51.1
Other molluscs	2.7	3.1	6.1	6.8	5.2	5.3	2.2	2.3
Other	11.7	8.2	6.0	13.5	3.6	3.6	0.8	4.2
<i>Substantially transformed</i>								
Rock lobster								
Frozen green	0.0	0.0	23.7	19.4	19.7	17.2	17.0	34.6
Cooked	142.1	196.2	134.7	101.6	112.2	87.7	87.0	141.7
Tails	73.9	46.8	59.8	50.4	49.6	63.8	76.1	95.3
Prawns								
Headless	39.3	49.7	50.5	47.2	33.2	40.5	24.9	20.5
Whole frozen	113.8	145.8	178.8	171.1	147.4	189.1	195.7	209.4
Other	1.1	0.9	0.9	2.9	2.9	1.6	1.1	9.5
Crabs	3.8	6.6	7.9	7.9	7.7	4.4	3.5	4.5
Other crustaceans	16.2	5.9	4.5	8.1	8.9	11.0	9.0	6.0
Abalone	41.2	43.7	28.0	21.8	30.2	33.7	36.5	43.2
Scallops	77.5	80.4	68.3	64.3	32.3	33.3	31.4	38.8
Other molluscs	0.7	1.1	2.5	2.4	1.6	1.7	2.5	2.9
<i>Elaborately transformed</i>								
Dried salted								
Molluscs	1.9	3.1	7.2	9.0	4.8	5.4	6.2	7.2
Canned								
Abalone	106.7	124.2	105.9	84.8	94.3	109.9	97.8	121.0
Other shellfish	0.4	0.4	2.5	14.7	8.3	7.8	11.4	11.8
Other preserved	0.4	0.7	1.4	1.9	1.6	2.5	2.3	1.1
Seafood extracts	0.1	0.1	0.4	1.7	2.8	3.0	2.0	0.2
Seafood meals and flours	4.5	3.6	5.0	7.0	3.9	4.7	5.4	6.7
Total shellfish	831	978	1 009	965	919	955	962	1 137
Total seafood	967	1 118	1 161	1 143	1 108	1 196	1 242	1 536
Minimally transformed	256	334	403	457	472	488	539	653
Substantially transformed	579	636	615	541	494	549	558	710
Elaborately transformed	132	148	144	145	142	159	144	173

a Exports of tuna landed in Australia. Tuna shipped at sea or captured under joint venture or bilateral agreements are not included.

b Excludes live tonnage but includes live value. p Preliminary.

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

5.6 Selected Australian fruit and nut exports, by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Fruit								
Oranges	61	69	80	82	109	110	119	123
Grapes	32	29	32	47	67	53	67	74
Apples	33	37	35	33	28	38	30	36
Pears	30	27	27	26	30	24	19	20
Mandarins	6	10	12	17	19	21	22	26
Plums and sloes	8	9	8	10	12	13	18	16
Melons	9	11	15	14	12	14	12	16
Mangoes	0	0	5	9	10	13	10	11
Nectarines	0	0	1	1	2	5	13	16
Other fruit	25	35	37	37	43	39	38	39
Total fruit	202	227	253	276	331	329	349	376
Nuts, in shell								
Macadamias	4	4	4	7	9	6	8	12
Almonds	1	0	0	0	6	7	10	3
Other nuts	3	4	3	4	3	16	5	5
Total nuts	8	8	8	11	18	30	23	20
Substantially transformed								
Canned or bottled								
Pears	43	37	30	29	37	35	30	31
Fruit salads and mixtures	28	25	21	21	21	23	28	28
Peaches	17	16	14	14	12	14	23	19
Pineapples	5	4	5	4	4	4	4	4
Apricots	3	2	2	3	3	3	3	2
Apples	0	0	1	1	1	0	0	0
Other canned or bottled fruit	2	2	2	2	4	4	7	7
Total canned or bottled fruit	99	86	74	73	81	83	96	91
Dried								
Grapes	97	73	30	34	52	30	36	13
Apricots	2	1	1	2	2	2	2	1
Prunes	0	1	2	1	1	1	1	1
Other dried fruit	2	5	5	7	8	3	0	0
Total dried fruit	101	81	37	44	62	36	39	15
Juice								
Orange, frozen or otherwise	7	10	15	19	16	15	13	17
Grape	10	11	11	8	9	11	11	10
Apple	5	4	5	8	6	5	4	8
Pineapple	1	1	1	1	1	1	1	1
Other fruit juice	9	19	29	29	28	23	18	25
Total fruit juice	33	45	61	65	61	56	47	62
Shelled nuts								
Macadamias	21	24	40	46	48	44	47	66
Pecans	7	5	7	3	3	2	4	4
Almonds	0	0	1	21	0	0	1	8
Other shelled nuts	5	4	5	5	7	5	9	4
Total shelled nuts	34	32	52	74	59	51	61	82
Jams, spreads, pastes etc								
Otherwise processed fruits								
Fruits preserved by sugar	4	5	5	4	4	4	4	4
Frozen fruits	1	1	1	1	1	1	1	1
Other processed fruits	2	2	2	2	1	2	2	1
Total otherwise processed fruits	7	7	7	8	7	7	6	6
Total fruit and nut products								
Minimally transformed	210	236	260	287	348	359	372	396
Substantially transformed	285	259	242	276	283	247	261	266
Total	495	495	503	563	631	606	633	662

p Preliminary.

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

5.7 Selected Australian vegetable exports, by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Vegetables								
Asparagus	21	28	23	31	30	32	46	46
Carrots	18	21	28	29	31	35	43	36
Cauliflowers	15	18	21	24	25	22	23	23
Onions	15	31	36	23	11	29	28	15
Headed broccoli	12	14	19	18	16	18	16	15
Potatoes (excluding seed)	5	5	6	6	7	8	9	9
Tomatoes	6	8	9	9	9	9	8	7
Lettuce	6	5	6	6	7	8	7	7
Chinese cabbage	6	6	7	7	5	6	6	4
Other vegetables	19	31	33	35	35	42	32	27
Total vegetables	124	169	188	187	177	209	218	191
Substantially transformed								
Canned or bottled								
Tomatoes and tomato products	2	3	3	3	5	12	16	14
Ginger in syrup	3	4	3	3	4	6	6	5
Other canned or bottled vegetables	2	2	2	2	2	2	3	4
Total canned or bottled vegetables	7	8	8	8	11	20	24	23
Dried								
Peas	93	91	40	62	96	66	62	81
Beans	19	22	20	38	34	33	47	76
Other dried vegetables	13	6	3	5	10	4	11	5
Total dried vegetables	125	118	63	105	141	103	120	162
Juice								
Vegetable juice mixtures	0	6	27	16	3	8	12	9
Single vegetable juices	0	2	4	6	2	1	4	9
Tomato juice	0	0	0	0	0	0	1	1
Total juice	0	8	31	23	5	10	17	19
Frozen								
Potatoes	3	4	8	14	11	10	7	11
Mixed vegetables	7	3	5	4	5	3	8	5
Corn	0	0	0	1	2	5	4	2
Peas	0	0	0	0	0	0	0	1
Other frozen vegetables	1	6	8	5	9	8	5	5
Total frozen vegetables	12	13	22	24	26	26	24	23
Saps and extracts								
Hop extracts	2	2	3	2	2	4	2	2
Miscellaneous vegetable extracts	1	2	1	2	3	5	6	4
Total vegetable extracts	4	4	4	4	6	9	8	6
Otherwise processed vegetables								
Hops	10	9	12	11	6	6	8	6
Ginger	4	5	5	5	4	4	5	5
Mixed vegetables	4	5	4	5	4	3	3	2
Potatoes	1	1	1	5	2	3	3	2
Corn	0	0	0	0	2	2	2	2
Beans	1	0	0	0	0	2	2	2
Peas	0	0	0	0	0	0	2	0
Mushrooms	0	0	0	0	0	0	0	0
Other	2	5	3	3	1	1	2	3
Total otherwise processed vegetables	22	25	26	29	20	22	27	22
Total vegetable products								
Minimally transformed	124	169	188	187	177	209	218	191
Substantially transformed	170	177	153	193	208	189	220	255
Total	294	346	341	380	385	398	438	446

p Preliminary.

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

5.8 Australian food exports, by level of transformation and state, 1999–2000

	NSW \$m	Vic \$m	Qld \$m	WA \$m	SA \$m	Tas \$m	NT p \$m
Minimally transformed							
Live animals except fish	11	44	104	292	26	3	145
Fish or shellfish	27	38	81	172	144	61	1
Horticulture							
Vegetables	39	39	28	62	3	18	0
Fruit and nuts	61	158	55	30	65	21	1
Total	101	197	83	93	68	39	1
Grains	783	367	298	1 611	515	0	0
Oilseeds	223	124	91	294	59	7	0
Food n.e.c.	18	4	19	12	0	1	0
Substantially transformed							
Meat							
Meat processing	1 035	761	2 186	207	159	88	3
Poultry processing	7	10	2	1	1	0	0
Bacon, ham and smallgoods	17	61	3	1	4	0	0
Total	1 059	833	2 191	209	165	88	3
Seafood	19	79	217	353	251	85	2
Dairy							
Milk and cream processing	36	996	45	20	3	26	0
Ice cream	20	7	0	8	0	0	0
Other dairy products	53	1 096	54	18	44	38	0
Total	110	2 099	99	46	47	65	0
Fruit and vegetables	84	229	78	21	94	7	0
Oil and fat	44	34	52	0	0	1	0
Flour mill and cereal food							
Flour mill products	55	17	6	18	10	0	0
Cereal food and baking mix	431	69	10	6	13	0	0
Total	486	86	16	23	23	0	0
Bakery products							
Bread	17	1	0	1	0	0	0
Bread, cake and pastry	16	1	0	0	0	0	0
Biscuit	19	16	20	0	14	0	0
Total	52	17	20	0	15	0	0
Other food							
Sugar a	1	1	1 108	0	0	0	0
Confectionery	26	163	27	1	0	12	0
Food n.e.c.	332	259	176	42	20	13	1
Total	359	422	1 311	43	20	25	1
Beverages and malt							
Soft drink, cordial and syrup	7	3	5	0	6	0	1
Beer and malt	1	94	0	44	27	0	0
Wine	294	161	0	19	899	1	0
Spirit	14	14	15	0	11	0	0
Total	316	271	20	64	943	1	2
Total food and beverage							
Minimally transformed	1 163	774	675	2 474	811	111	148
Substantially transformed	2 463	3 931	3 967	756	1 544	261	8
Elaborately transformed	66	139	38	4	14	12	0
Total b	3 692	4 845	4 680	3 234	2 370	384	156

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. p Preliminary.

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

5.9 Australian food exports to APEC member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	75	115	202	312	394	221	201	284
Fish or shellfish	235	314	382	432	441	443	444	516
Horticulture								
Vegetables	107	140	155	166	161	174	188	171
Fruit and nuts	177	210	210	246	317	311	319	343
Total	284	350	365	413	478	485	507	514
Grains a	1 458	1 416	1 033	1 957	1 386	1 662	1 801	1 536
Oilseeds	67	96	84	140	150	254	445	705
Food n.e.c.	19	20	23	25	20	21	59	39
Substantially transformed								
Meat								
Meat processing	3 310	3 596	3 184	2 760	2 468	3 000	3 335	3 903
Poultry processing	2	5	5	7	6	8	10	7
Bacon, ham and smallgoods	41	49	55	50	53	47	36	67
Total	3 352	3 651	3 244	2 816	2 528	3 055	3 382	3 977
Seafood								
	659	753	613	629	617	703	724	963
Dairy								
Milk and cream processing	498	578	640	749	734	695	796	840
Ice cream	10	31	36	40	42	46	39	35
Other dairy products	411	430	471	577	575	641	758	793
Total	920	1 039	1 147	1 366	1 351	1 382	1 594	1 668
Fruit and vegetables								
	197	218	248	270	282	253	280	278
Oil and fat								
	40	54	58	76	90	139	112	101
Flour mill and cereal food								
Flour mill products	75	103	101	119	120	124	164	171
Cereal food and baking mix	69	93	103	100	105	113	110	135
Total	144	196	204	219	225	237	274	306
Bakery products								
Bread, cake and pastry	10	11	13	14	14	8	6	16
Biscuit	19	23	34	47	60	68	66	55
Total	29	35	47	61	74	76	72	71
Other food								
Sugar	32	17	82	400	1 449	1 334 a	1 206 a	1 002 a
Confectionery	83	123	128	176	154	148	161	207
Food n.e.c.	336	392	428	495	580	584	596	650
Total	451	533	637	1 070	2 183	2 066	1 963	1 858
Beverages and malt								
Soft drink, cordial and syrup	11	18	24	52	28	23	19	20
Beer and malt	136	137	132	153	158	154	146	155
Wine	111	140	141	176	246	358	418	547
Spirit	10	15	18	18	27	27	30	45
Total	268	310	315	398	459	561	613	767
Total food and beverage								
Minimally transformed	2 138	2 310	2 089	3 279	2 869	3 086	3 458	3 594
Substantially transformed	5 950	6 635	6 346	6 692	7 601	8 272	8 799	9 754
Elaborately transformed	110	154	167	214	207	201	215	234
Total	8 198	9 099	8 602	10 185	10 677	11 558	12 472	13 582

a Includes ABARE estimates where ABS confidentiality restrictions apply. p Preliminary.
 Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

5.10 Australian food exports to ASEAN member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	62	104	193	305	378	204	190	270
Fish or shellfish	4	5	7	8	10	9	4	6
Horticulture								
Vegetables	49	58	71	78	81	86	87	78
Fruit and nuts	116	131	118	142	170	142	113	119
Total	165	188	189	220	251	228	200	197
Grains a	431	445	433	799	865	897	751	758
Oilseeds	1	1	2	2	2	2	4	21
Food n.e.c.	4	4	4	5	5	3	4	7
Substantially transformed								
Meat								
Meat processing	89	121	142	185	221	203	184	305
Poultry processing	0	0	0	0	0	1	1	2
Bacon, ham and smallgoods	1	1	1	2	1	1	1	1
Total	89	122	143	187	223	204	186	308
Seafood								
Seafood	35	46	56	59	46	47	51	64
Dairy								
Milk and cream processing	333	330	410	523	521	471	563	546
Ice cream	1	3	5	4	7	8	7	3
Other dairy products	147	146	159	202	175	169	180	196
Total	481	479	575	729	703	647	750	746
Fruit and vegetables								
Fruit and vegetables	28	33	33	38	45	40	37	39
Oil and fat								
Oil and fat	7	10	10	11	14	23	15	15
Flour mill and cereal food								
Flour mill products	12	15	15	21	21	24	43	49
Cereal food and baking mix	13	17	18	20	25	27	16	25
Total	400	543	516	589	596	702	717	738
Bakery products								
Bread, cake and pastry	2	2	2	3	3	1	1	2
Biscuit	4	4	6	7	7	4	3	2
Total	6	6	8	10	9	5	4	4
Other food								
Sugar	4	1	14	92	339	319 a	297 a	263 a
Confectionery	14	25	32	34	38	26	29	30
Food n.e.c.	50	52	52	66	90	78	83	113
Total	68	79	97	193	467	423	409	406
Beverages and malt								
Soft drink, cordial and syrup	2	2	4	16	8	4	3	4
Beer and malt	42	49	41	63	63	63	64	65
Wine	6	7	7	14	19	17	24	31
Spirit	2	1	1	4	5	5	3	6
Total	52	59	53	97	95	88	93	107
Total food and beverage								
Minimally transformed	666	747	828	1 338	1 512	1 343	1 154	1 258
Substantially transformed	1 149	1 348	1 454	1 871	2 154	2 151	2 234	2 393
Elaborately transformed	18	30	37	41	43	28	29	33
Total	1 833	2 126	2 318	3 251	3 709	3 522	3 418	3 684

a Includes ABARE estimates where ABS confidentiality restrictions apply. p Preliminary.
Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

5.11 Australian food exports to NAFTA member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	
Minimally transformed									
Live animals except fish	1	0	0	0	3	1	1	2	
Fish or shellfish	2	4	4	3	5	7	11	15	
Horticulture									
Vegetables	0	2	0	0	0	0	0	0	
Fruit and nuts	8	11	20	16	23	43	42	51	
Total	8	13	20	16	23	43	42	51	
Grains ^a	6	0	0	0	0	6	0	1	
Oilseeds	4	9	5	4	4	34	86	86	
Food n.e.c.	1	0	0	0	0	0	6	5	
Substantially transformed									
Meat									
Meat processing	1 320	1 290	843	579	666	903	1 118	1 379	
Poultry processing	0	0	0	0	0	0	0	0	
Bacon, ham and smallgoods	2	2	2	1	1	0	0	1	
Total	1 323	1 292	845	580	666	903	1 118	1 380	
Seafood	137	98	57	40	53	92	120	128	
Dairy									
Milk and cream processing	4	73	34	21	8	18	18	12	
Ice cream	0	0	0	0	0	0	0	0	
Other dairy products	44	53	49	44	73	96	152	138	
Total	48	127	83	65	81	114	170	150	
Fruit and vegetables	70	58	51	43	70	68	82	74	
Oil and fat	1	1	2	2	3	3	2	2	
Flour mill and cereal food									
Flour mill products	38	51	38	42	39	36	59	64	
Cereal food and baking mix	3	3	2	3	3	3	3	2	
Total	41	54	41	45	42	39	61	66	
Bakery products									
Bread, cake and pastry	0	0	0	0	0	0	0	0	
Biscuit	0	0	1	2	4	3	2	3	
Total	0	0	1	2	4	3	2	3	
Other food									
Sugar	18	11	24	136	374	329 ^a	245 ^a	159 ^a	
Confectionery	3	2	2	2	2	2	3	12	
Food n.e.c.	12	19	17	27	23	29	34	46	
Total	33	32	44	165	399	361	282	217	
Beverages and malt									
Soft drink, cordial and syrup	1	1	1	1	1	1	0	1	
Beer and malt	4	3	3	2	1	1	1	1	
Wine	68	80	83	106	150	238	289	403	
Spirit	1	1	1	0	0	0	0	1	
Total	74	84	87	109	152	241	290	406	
Total food and beverage									
Minimally transformed	22	26	29	23	35	90	146	159	
Substantially transformed	1 723	1 743	1 208	1 048	1 465	1 819	2 124	2 410	
Elaborately transformed	2	2	3	4	6	5	5	15	
Total	1 748	1 772	1 240	1 076	1 505	1 914	2 275	2 585	

^a Includes ABARE estimates where ABS confidentiality restrictions apply. ^p Preliminary.
 Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

5.12 Australian food exports to EU member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$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	3	2	1	2	2	3	7	7
Horticulture								
Vegetables	12	21	24	13	8	22	18	9
Fruit and nuts	19	9	7	8	9	20	18	20
Total	31	30	31	20	17	42	36	29
Grains a	113	18	17	47	80	104	48	120
Oilseeds	6	13	8	7	9	56	147	21
Food n.e.c.	5	4	3	7	5	6	9	6
Substantially transformed								
Meat								
Meat processing	209	174	184	213	197	222	229	203
Poultry processing	0	0	0	0	0	0	1	1
Bacon, ham and smallgoods	19	15	17	11	10	9	18	14
Total	228	189	201	223	207	231	247	218
Seafood	43	29	29	33	15	20	37	36
Dairy								
Milk and cream processing	1	2	1	0	2	4	3	7
Ice cream	0	0	0	0	0	0	0	0
Other dairy products	15	22	37	36	58	67	95	119
Total	16	25	38	36	59	72	98	126
Fruit and vegetables	190	121	77	95	85	77	77	68
Oil and fat	5	1	1	1	1	2	2	3
Flour mill and cereal food								
Flour mill products	0	0	0	0	0	0	1	1
Cereal food and baking mix	1	2	2	2	3	5	4	4
Total	1	3	2	2	3	5	4	5
Bakery products								
Bread, cake and pastry	0	0	0	0	0	1	0	0
Biscuit	0	0	0	0	0	2	1	1
Total	0	0	0	0	1	3	1	1
Other food								
Sugar	2	1	0	13	8	10 a	1 a	0 a
Confectionery	0	0	0	1	0	2	1	3
Food n.e.c.	21	33	25	24	32	36	31	30
Total	23	34	25	37	41	48	33	34
Beverages and malt								
Soft drink, cordial and syrup	0	0	0	1	1	1	1	1
Beer and malt	3	4	2	1	1	1	2	3
Wine	171	213	227	275	330	477	612	781
Spirit	3	2	2	4	1	0	2	4
Total	177	219	232	281	333	479	616	788
Total food and beverage								
Minimally transformed	158	53	47	49	41	141	213	110
Substantially transformed	682	635	620	742	815	1 001	1 149	1 349
Elaborately transformed	0	0	1	1	1	5	2	3
Total	840	688	667	792	857	1 147	1 365	1 463

a Includes ABARE estimates where ABS confidentiality restrictions apply. p Preliminary.
Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

5.13 Australian food exports to selected countries

	Japan		United States		United Kingdom	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
Minimally transformed						
Live animals except fish	9	9	0	1	0	0
Fish or shellfish	161	194	11	15	1	1
Horticulture						
Vegetables	51	48	0	0	6	3
Fruit and nuts	19	35	39	49	12	12
Total	70	83	39	49	18	15
Grains a	426	348	0	1	1	2
Oilseeds	174	169	34	48	14	3
Food n.e.c.	29	2	6	4	2	2
Substantially transformed						
Meat						
Meat processing	1 492	1 679	923	1 178	112	99
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	26	29	0	0	0	0
Total	1 518	1 709	924	1 178	112	99
Seafood	287	460	118	126	2	1
Dairy						
Milk and cream processing	53	91	9	8	0	0
Ice cream	21	17	0	0	0	0
Other dairy products	322	331	103	108	30	25
Total	396	439	112	116	30	25
Fruit and vegetables	69	77	53	49	27	23
Oil and fat	12	16	2	1	1	1
Flour mill and cereal food						
Flour mill products	27	27	59	62	0	0
Cereal food and baking mix	30	32	1	1	2	3
Total	57	59	60	63	2	3
Bakery products						
Bread, cake and pastry	0	2	0	0	0	0
Biscuit	7	9	2	3	1	0
Total	7	11	2	3	1	1
Other food						
Sugar a	212	181	44	21	0	0
Confectionery	41	71	2	9	1	2
Food n.e.c.	263	246	25	35	13	13
Total	516	498	72	66	14	15
Beverage and malt						
Soft drink, cordial and syrup	1	1	0	1	0	0
Beer and malt	58	52	1	1	1	3
Wine	25	30	238	332	494	604
Spirit	13	20	0	0	1	0
Total	97	102	239	334	496	607
Total food and beverage						
Minimally transformed	870	804	91	118	37	22
Substantially transformed	2 920	3 326	1 578	1 925	685	772
Elaborately transformed	41	43	4	12	2	2
Total	3 831	4 174	1 672	2 054	724	796

Continued

5.13 Australian food exports to selected countries (continued)

	Hong Kong, China		New Zealand		Chinese Taipei	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
Minimally transformed						
Live animals except fish	0	1	0	0	0	0
Fish or shellfish	148	225	0	0	61	70
Horticulture						
Vegetables	19	17	14	13	15	13
Fruit and nuts	105	94	19	16	17	21
Total	123	111	33	30	32	34
Grains a	1	2	28	37	33	34
Oilseeds	0	0	4	2	2	2
Food n.e.c.	3	3	6	13	5	8
Substantially transformed						
Meat						
Meat processing	49	45	26	32	168	161
Poultry processing	9	5	0	0	0	0
Bacon, ham and smallgoods	1	1	2	4	0	0
Total	59	51	28	35	168	161
Seafood						
	105	130	7	6	108	139
Dairy						
Milk and cream processing	39	39	8	14	90	100
Ice cream	2	2	8	11	0	0
Other dairy products	25	27	8	11	22	23
Total	66	68	23	36	112	123
Fruit and vegetables						
	9	12	69	63	6	5
Oil and fat						
	32	26	29	26	1	1
Flour mill and cereal food						
Flour mill products	7	10	12	8	13	9
Cereal food and baking mix	8	8	42	54	6	9
Total	15	18	54	63	19	18
Bakery products						
Bread, cake and pastry	2	7	3	4	0	0
Biscuit	4	0	48	40	0	0
Total	6	7	51	44	0	0
Other food						
Sugar a	0	0	68	54	79	78
Confectionery	13	15	50	48	10	14
Food n.e.c.	18	17	111	140	33	33
Total	32	32	229	242	123	125
Beverage and malt						
Soft drink, cordial and syrup	1	2	13	9	1	2
Beer and malt	3	2	8	13	0	0
Wine	11	13	60	63	4	2
Spirit	1	1	11	16	0	0
Total	16	18	93	101	5	4
Total food and beverage						
Minimally transformed	275	342	70	83	133	147
Substantially transformed	324	340	487	528	532	562
Elaborately transformed	16	22	97	89	11	15
Total	615	704	654	700	676	724

Continued

5.13 Australian food exports to selected countries (continued)

	Philippines		China		Malaysia	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
<i>Minimally transformed</i>						
Live animals except fish	118	122	0	1	24	27
Fish or shellfish	0	0	59	6	0	1
Horticulture						
Vegetables	2	2	0	0	38	37
Fruit and nuts	1	0	3	6	41	44
Total	3	2	3	6	79	81
Grains a	41	76	290	84	177	159
Oilseeds	0	1	164	406	2	6
Food n.e.c.	1	0	0	0	1	2
<i>Substantially transformed</i>						
Meat						
Meat processing	50	45	33	32	44	50
Poultry processing	1	1	0	0	0	0
Bacon, ham and smallgoods	0	0	6	30	0	0
Total	51	46	39	63	44	50
Seafood	0	0	43	33	5	7
Dairy						
Milk and cream processing	226	209	8	20	126	137
Ice cream	0	0	0	0	0	0
Other dairy products	54	55	8	11	30	34
Total	280	264	16	31	156	171
Fruit and vegetables	5	6	1	2	13	12
Oil and fat	3	2	7	5	6	5
Flour mill and cereal food						
Flour mill products	9	9	1	0	5	5
Cereal food and baking mix	2	1	1	1	4	11
Total	12	11	2	2	9	16
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	0	0	0	0	0	0
Total	0	0	0	0	1	0
Other food						
Sugar a	35	36	19	17	209	197
Confectionery	9	8	3	4	4	5
Food n.e.c.	19	31	8	10	24	28
Total	63	75	30	32	237	230
Beverage and malt						
Soft drink, cordial and syrup	1	0	0	0	1	0
Beer and malt	31	25	0	0	4	4
Wine	1	1	2	1	6	9
Spirit	0	2	0	0	1	1
Total	33	29	2	2	11	14
Total food and beverage						
Minimally transformed	163	202	516	503	283	276
Substantially transformed	438	426	139	164	477	499
Elaborately transformed	9	8	2	4	5	5
Total	610	635	657	672	764	780

Continued

5.13 Australian food exports to selected countries (continued)

	Singapore		Republic of Korea		Saudi Arabia	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
Minimally transformed						
Live animals except fish	2	3	0	1	0	9
Fish or shellfish	4	5	0	0	0	0
Horticulture						
Vegetables	39	34	1	2	0	0
Fruit and nuts	57	54	0	0	1	1
Total	96	88	2	2	1	1
Grains a	23	17	252	248	140	0
Oilseeds	0	11	12	19	0	1
Food n.e.c.	1	3	0	0	0	0
Substantially transformed						
Meat						
Meat processing	57	146	226	234	57	57
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0
Total	58	146	226	234	57	57
Seafood						
Seafood	36	48	3	1	0	0
Dairy						
Milk and cream processing	72	71	8	10	26	21
Ice cream	7	3	0	1	0	0
Other dairy products	41	40	38	54	100	106
Total	120	114	47	65	126	127
Fruit and vegetables						
Fruit and vegetables	11	12	2	3	9	13
Oil and fat						
Oil and fat	4	5	7	6	0	0
Flour mill and cereal food						
Flour mill products	2	3	2	2	0	0
Cereal food and baking mix	5	5	1	0	1	1
Total	7	8	2	2	1	1
Bakery products						
Bread, cake and pastry	1	2	0	0	0	0
Biscuit	1	1	0	0	0	0
Total	2	3	0	0	0	0
Other food						
Sugar a	1	1	228	212	65	53
Confectionery	11	11	9	11	4	5
Food n.e.c.	18	22	29	24	7	7
Total	30	34	266	247	76	66
Beverage and malt						
Soft drink, cordial and syrup	1	1	0	0	0	0
Beer and malt	4	4	9	21	0	0
Wine	11	16	1	2	0	0
Spirit	1	1	0	0	0	0
Total	18	22	10	24	0	0
Total food and beverage						
Minimally transformed	126	126	267	270	142	11
Substantially transformed	274	378	554	572	265	259
Elaborately transformed	11	14	9	10	4	5
Total	411	517	830	852	411	275

Continued

5.13 *Australian food exports to selected countries (continued)*

	Canada		Thailand		Egypt	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
Minimally transformed						
Live animals except fish	0	0	0	0	104	138
Fish or shellfish	0	0	0	0	0	0
Horticulture						
Vegetables	0	0	3	2	0	0
Fruit and nuts	3	2	3	4	0	0
Total	3	2	6	6	0	0
Grains a	0	0	69	65	313	197
Oilseeds	2	4	2	3	0	0
Food n.e.c.	0	0	0	0	0	0
Substantially transformed						
Meat						
Meat processing	145	140	5	5	7	8
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0
Total	145	140	5	5	7	8
Seafood	2	2	9	7	0	0
Dairy						
Milk and cream processing	1	3	103	97	19	7
Ice cream	0	0	0	0	0	0
Other dairy products	4	5	28	33	42	48
Total	5	8	131	131	61	55
Fruit and vegetables	28	21	3	3	27	47
Oil and fat	0	0	0	1	0	0
Flour mill and cereal food						
Flour mill products	0	0	11	8	1	7
Cereal food and baking mix	1	1	3	6	0	1
Total	1	1	14	13	2	7
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	0	0	0	0	0	0
Total	0	0	0	0	0	0
Other food						
Sugar a	200	138	0	0	29	0
Confectionery	1	3	3	3	0	2
Food n.e.c.	8	9	9	10	0	1
Total	209	149	11	13	29	3
Beverage and malt						
Soft drink, cordial and syrup	0	0	0	0	0	0
Beer and malt	0	0	20	24	0	0
Wine	50	71	3	2	0	0
Spirit	0	0	0	1	0	0
Total	51	72	23	28	0	0
Total food and beverage						
Minimally transformed	5	7	76	75	417	335
Substantially transformed	441	390	193	199	127	118
Elaborately transformed	1	3	3	3	0	2
Total	447	400	272	277	544	456

Continued

5.13 *Australian food exports to selected countries (continued)*

	Indonesia		Germany		United Arab Emirates	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
Minimally transformed						
Live animals except fish	39	108	0	0	40	29
Fish or shellfish	0	0	0	0	0	0
Horticulture						
Vegetables	2	1	5	4	3	3
Fruit and nuts	9	14	2	3	5	5
Total	12	16	6	7	8	8
Grains a	357	353	0	0	135	120
Oilseeds	0	0	71	1	0	0
Food n.e.c.	0	1	5	4	1	0
Substantially transformed						
Meat						
Meat processing	25	56	24	22	38	38
Poultry processing	0	1	0	0	0	0
Bacon, ham and smallgoods	0	0	7	8	0	0
Total	25	57	31	30	38	38
Seafood						
	1	2	2	2	0	0
Dairy						
Milk and cream processing	37	31	0	2	5	6
Ice cream	0	0	0	0	0	0
Other dairy products	27	33	7	9	25	26
Total	63	65	8	11	30	32
Fruit and vegetables						
	4	6	19	19	7	10
Oil and fat						
	2	2	0	1	1	1
Flour mill and cereal food						
Flour mill products	16	24	1	1	0	0
Cereal food and baking mix	1	1	0	0	0	0
Total	17	25	1	1	1	1
Bakery products						
Bread, cake and pastry	0	0	0	0	0	1
Biscuit	1	1	0	0	0	0
Total	1	1	0	0	0	1
Other food						
Sugar a	53	29	0	0	0	0
Confectionery	1	2	0	0	3	4
Food n.e.c.	12	21	6	6	10	9
Total	66	52	6	6	13	13
Beverage and malt						
Soft drink, cordial and syrup	0	2	0	0	0	1
Beer and malt	5	9	0	0	8	7
Wine	2	2	31	59	1	2
Spirit	0	1	0	1	0	0
Total	8	14	32	60	9	10
Total food and beverage						
Minimally transformed	408	477	82	13	184	157
Substantially transformed	186	221	98	129	96	100
Elaborately transformed	1	2	0	0	3	4
Total	595	700	181	142	284	262

a Includes ABARE estimate where ABS confidentiality restrictions apply. p Preliminary.
Source: ABS, *International Trade*, electronic data service, cat. no. 5464.0, Canberra.

6.1 Australian food imports by level of transformation

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	8	7	24	19	12	13	1	1
Fish or shellfish	16	17	21	25	25	30	31	35
Horticulture								
Vegetables	13	14	13	17	16	19	24	27
Fruit and nuts	59	65	70	79	77	90	94	99
Total	71	79	83	96	93	109	118	126
Grains	0	1	57	14	1	3	1	1
Oilseeds	35	39	51	52	38	40	29	23
Food n.e.c.	69	89	186	167	141	186	172	155
Substantially transformed								
Meat								
Meat processing	15	33	33	30	50	42	51	133
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	26	24	24	26	29	33	28	29
Total	41	57	57	56	79	75	79	161
Seafood	483	526	589	579	584	666	720	751
Dairy								
Milk and cream processing	18	14	17	23	19	25	33	29
Ice cream	12	6	8	5	13	15	33	0
Other dairy products	142	148	155	176	172	188	207	230
Total	172	169	180	204	204	228	273	259
Fruit and vegetables	472	518	535	585	593	622	717	721
Oil and fat	193	203	233	267	258	253	288	271
Flour mill and cereal food								
Flour mill products	39	49	109	63	71	55	48	79
Cereal food and baking mix	74	76	78	96	111	141	149	139
Total	113	124	187	159	182	196	197	219
Bakery products								
Bread, cake and pastry	41	47	39	41	49	63	76	81
Biscuit	45	45	46	51	55	58	62	80
Total	86	92	86	92	103	120	138	161
Other food								
Sugar	8	6	11	7	7	7	9	11
Confectionery	120	117	141	155	183	215	208	213
Food n.e.c.	384	430	462	487	385	487	554	568
Total	512	553	614	649	575	710	771	791
Beverage and malt								
Soft drink, cordial and syrup	172	229	215	246	252	286	276	330
Beer and malt	20	17	19	21	26	32	44	42
Wine	47	48	61	61	67	94	103	114
Spirit	194	198	186	189	304	347	406	441
Total	433	492	481	517	648	758	828	927
Total food and beverage								
Minimally transformed	199	232	423	371	310	380	352	342
Substantially transformed	2 391	2 614	2 840	2 972	3 135	3 510	3 894	4 125
Elaborately transformed	116	120	122	136	91	117	117	136
Total	2 706	2 966	3 385	3 479	3 536	4 007	4 363	4 603

p Preliminary.

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

6.2 Australian food imports from APEC member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	6	6	13	18	4	0	0	1
Fish or shellfish	15	16	19	22	24	29	30	34
Horticulture								
Vegetables	12	12	11	15	13	15	19	23
Fruit and nuts	47	52	55	65	62	74	73	78
Total	58	64	66	80	75	89	93	102
Grains	0	1	52	14	1	3	1	1
Oilseeds	32	33	46	39	36	34	22	22
Food n.e.c.	47	51	96	85	78	96	88	70
Substantially transformed								
Meat								
Meat processing	15	33	33	30	50	41	49	72
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	15	16	16	18	23	26	22	22
Total	29	49	49	48	73	68	71	94
Seafood	352	384	443	433	428	502	524	542
Dairy								
Milk and cream processing	17	13	17	21	19	25	32	27
Ice cream	9	6	6	4	6	11	18	0
Other dairy products	72	85	84	106	102	116	134	155
Total	98	103	106	132	127	151	184	182
Fruit and vegetables	300	318	300	315	335	333	357	361
Oil and fat	97	100	122	126	118	138	153	135
Flour mill and cereal food								
Flour mill products	37	47	97	58	67	50	43	66
Cereal food and baking mix	53	55	55	66	80	103	105	95
Total	90	102	152	123	147	153	148	161
Bakery products								
Bread, cake and pastry	30	35	26	25	27	40	54	51
Biscuit	21	23	24	28	29	29	34	49
Total	51	58	50	53	56	69	89	100
Other food								
Sugar	6	5	9	5	6	6	6	8
Confectionery	40	34	40	46	61	88	87	92
Food n.e.c.	211	240	252	273	210	267	311	318
Total	257	280	301	324	277	361	404	418
Beverage and malt								
Soft drink, cordial and syrup	27	31	36	35	20	23	28	54
Beer and malt	7	6	6	6	8	9	10	11
Wine	3	4	6	8	10	17	18	25
Spirit	54	53	58	63	140	171	210	249
Total	91	94	105	112	178	219	267	339
Total food and beverage								
Minimally transformed	159	171	292	258	218	251	234	229
Substantially transformed	1 326	1 448	1 588	1 619	1 688	1 930	2 129	2 247
Elaborately transformed	39	40	40	47	50	64	67	85
Total	1 524	1 659	1 921	1 924	1 956	2 245	2 430	2 560

p Preliminary.

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

6.3 Australian food imports from ASEAN member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$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	1	1	1
Horticulture								
Vegetables	1	1	1	1	2	2	3	2
Fruit and nuts	1	2	2	1	2	2	2	2
Total	2	2	3	3	4	4	5	4
Grains	0	0	0	0	0	0	0	0
Oilseeds	0	0	0	0	0	0	0	1
Food n.e.c.	18	15	33	27	22	23	29	13
Substantially 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	162	192	229	223	228	276	285	293
Dairy								
Milk and cream processing	0	0	0	0	0	0	0	0
Ice cream	0	0	0	0	0	0	0	0
Other dairy products	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Fruit and vegetables	65	62	64	69	79	77	85	84
Oil and fat	89	90	111	113	103	121	134	115
Flour mill and cereal food								
Flour mill products	1	1	1	1	2	1	2	2
Cereal food and baking mix	27	27	28	34	45	54	52	48
Total	28	28	29	35	47	55	54	50
Bakery products								
Bread, cake and pastry	3	5	5	6	6	5	6	7
Biscuit	4	3	4	4	5	8	14	25
Total	7	8	8	10	10	13	20	32
Other food								
Sugar	3	2	4	1	2	2	2	3
Confectionery	6	4	4	4	4	11	13	15
Food n.e.c.	87	100	109	119	110	149	174	157
Total	96	106	116	125	116	162	188	174
Beverage and malt								
Soft drink, cordial and syrup	2	2	3	3	3	3	3	3
Beer and malt	0	0	0	0	0	0	1	1
Wine	0	0	0	0	0	0	0	0
Spirit	0	0	0	0	13	14	16	21
Total	3	3	3	4	17	17	19	25
Total food and beverage								
Minimally transformed	20	18	37	30	26	28	35	18
Substantially transformed	444	484	557	575	596	714	770	747
Elaborately transformed	6	5	4	4	5	8	14	26
Total	470	507	597	609	627	750	819	791

p Preliminary.

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

6.4 Australian food imports from NAFTA member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	1	6	12	17	4	0	0	1
Fish or shellfish	0	0	0	0	0	0	0	0
Horticulture								
Vegetables	3	3	3	6	4	5	6	8
Fruit and nuts	16	19	18	25	26	29	26	25
Total	19	22	21	31	30	34	31	33
Grains	0	0	52	13	0	2	0	0
Oilseeds	22	22	39	29	26	28	13	10
Food n.e.c.	1	1	5	2	2	2	1	2
Substantially transformed								
Meat								
Meat processing	6	9	14	13	37	31	41	61
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	4	4	3	4	7	11	12	12
Total	10	12	17	17	44	43	53	73
Seafood	64	57	65	62	57	63	66	62
Dairy								
Milk and cream processing	0	0	0	1	0	0	0	0
Ice cream	5	1	1	1	1	0	1	0
Other dairy products	10	12	5	6	4	5	4	3
Total	15	13	6	7	5	5	5	3
Fruit and vegetables	109	133	103	107	108	115	126	127
Oil and fat	4	4	4	5	6	5	6	7
Flour mill and cereal food								
Flour mill products	34	44	89	50	60	42	34	58
Cereal food and baking mix	6	7	8	5	9	13	12	10
Total	40	52	97	56	69	55	46	68
Bakery products								
Bread, cake and pastry	16	14	6	8	7	15	26	23
Biscuit	2	2	2	2	3	3	4	4
Total	17	16	8	9	10	18	30	26
Other food								
Sugar	1	2	2	2	2	2	2	2
Confectionery	12	11	13	19	34	51	47	47
Food n.e.c.	45	48	45	54	29	33	39	40
Total	58	61	60	74	65	86	88	88
Beverage and malt								
Soft drink, cordial and syrup	145	190	180	213	219	77	13	13
Beer and malt	5	4	4	5	6	7	8	8
Wine	0	1	2	2	1	1	1	1
Spirit	54	51	54	55	88	107	116	125
Total	204	247	240	275	314	192	137	147
Total food and beverage								
Minimally transformed	43	52	129	92	61	66	46	47
Substantially transformed	518	589	594	606	656	548	527	576
Elaborately transformed	4	6	5	7	22	34	28	26
Total	564	646	729	704	739	649	602	648

p Preliminary.

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

6.5 Australian food imports from EU member countries

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 p
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed								
Live animals except fish	1	1	1	0	0	0	0	0
Fish or shellfish	0	0	0	0	0	0	0	0
Horticulture								
Vegetables	0	1	0	1	0	1	1	1
Fruit and nuts	4	5	7	5	6	7	9	13
Total	4	5	7	5	6	7	10	14
Grains	0	0	5	0	0	0	0	0
Oilseeds	0	0	0	0	0	0	1	0
Food n.e.c.	2	2	7	2	4	2	2	2
Substantially transformed								
Meat								
Meat processing	0	0	0	0	0	0	2	60
Poultry processing	0	0	0	0	0	0	0	0
Bacon, ham and smallgoods	11	7	7	7	5	6	5	6
Total	11	7	7	7	5	6	7	66
Seafood	29	27	30	31	32	32	35	34
Dairy								
Milk and cream processing	1	2	1	1	0	1	1	1
Ice cream	3	0	2	1	7	4	15	0
Other dairy products	59	52	58	58	58	60	58	61
Total	63	54	61	59	65	64	74	62
Fruit and vegetables	83	93	105	97	104	121	149	145
Oil and fat	59	54	70	95	93	79	95	110
Flour mill and cereal food								
Flour mill products	2	1	12	5	3	4	4	12
Cereal food and baking mix	17	17	18	24	25	29	31	29
Total	19	18	30	29	28	33	35	41
Bakery products								
Bread, cake and pastry	10	11	13	15	21	20	19	26
Biscuit	21	19	19	19	22	24	23	25
Total	31	30	31	34	42	44	42	51
Other food								
Sugar	2	1	1	1	1	1	2	2
Confectionery	62	66	81	91	105	107	96	93
Food n.e.c.	87	97	121	122	93	109	114	152
Total	151	165	204	215	198	217	212	247
Beverage and malt								
Soft drink, cordial and syrup	17	26	21	19	21	197	246	157
Beer and malt	13	10	13	14	18	22	33	30
Wine	43	41	52	47	53	73	80	86
Spirit	124	126	111	109	143	152	179	164
Total	196	204	197	188	236	444	538	437
Total food and beverage								
Minimally transformed	7	8	21	8	11	9	13	16
Substantially transformed	580	585	666	678	772	998	1 150	1 157
Elaborately transformed	62	66	68	77	32	42	37	38
Total	650	659	755	763	815	1 050	1 200	1 211

p Preliminary.

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

6.6 Australian food imports from selected countries

	New Zealand		United States		Thailand	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
<i>Minimally transformed</i>						
Live animals except fish	0	0	0	1	0	0
Fish or shellfish	28	31	0	0	0	0
Horticulture						
Vegetables	6	4	5	6	2	2
Fruit and nuts	37	37	25	25	2	2
Total	42	42	30	31	3	3
Grains						
Oilseeds	1	0	0	0	0	0
Food n.e.c.	1	1	9	6	0	1
Food n.e.c.						
Food n.e.c.	0	4	1	1	3	0
<i>Substantially transformed</i>						
Meat						
Meat processing	7	10	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	9	9	11	12	0	0
Total	17	19	12	12	0	0
Seafood						
Seafood	108	116	38	38	235	238
Dairy						
Milk and cream processing	29	27	0	0	0	0
Ice cream	17	0	1	0	0	0
Other dairy products	129	149	3	3	0	0
Total	175	176	4	3	0	0
Fruit and vegetables						
Fruit and vegetables	85	83	109	108	41	44
Oil and fat						
Oil and fat	2	2	5	6	1	1
Flour mill and cereal food						
Flour mill products	4	4	34	58	1	1
Cereal food and baking mix	11	10	10	9	40	37
Total	15	14	44	67	41	38
Bakery products						
Bread, Cake and pastry	14	12	24	22	1	1
Biscuit	13	12	3	3	6	12
Total	27	24	27	25	7	13
Other food						
Sugar	1	1	1	2	1	1
Confectionery	22	25	43	42	0	0
Food n.e.c.	46	65	30	31	23	26
Total	69	90	75	75	25	27
Beverage and malt						
Soft drink, cordial and syrup	10	35	11	11	0	0
Beer and malt	1	1	3	3	0	0
Wine	16	24	1	1	0	0
Spirit	54	75	110	116	9	11
Total	81	135	125	131	9	11
Total food and beverage						
Minimally transformed	71	77	40	40	7	4
Substantially transformed	559	636	413	441	353	361
Elaborately transformed	19	24	26	25	6	12
Total	649	737	479	505	366	377

Continued

6.6 Australian food imports from selected countries (continued)

	Ireland		Italy		United Kingdom	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$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	4	4	0	0
Total	0	0	4	5	0	0
Grains	0	0	0	0	0	0
Oilseeds	0	0	0	0	0	0
Food n.e.c.	0	0	1	1	0	1
Substantially 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	5	6	7	8
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	0	9	0	2	0
Other dairy products	0	0	17	18	1	2
Total	0	0	26	19	3	2
Fruit and vegetables						
	0	0	51	50	9	10
Oil and fat						
	0	0	32	33	1	2
Flour mill and cereal food						
Flour mill products	0	0	0	0	0	0
Cereal food and baking mix	1	1	22	23	6	2
Total	1	1	22	23	6	2
Bakery products						
Bread, cake and pastry	0	0	4	4	6	5
Biscuit	0	0	2	2	9	9
Total	0	0	6	5	15	14
Other food						
Sugar	0	0	0	0	1	0
Confectionery	0	0	16	13	25	20
Food n.e.c.	0	0	27	26	41	52
Total	0	0	43	39	68	73
Beverage and malt						
Soft drink, cordial and syrup	232	140	4	5	1	1
Beer and malt	6	1	1	1	14	13
Wine	0	0	23	22	1	0
Spirit	15	5	19	6	103	111
Total	253	145	46	34	119	125
Total food and beverage						
Minimally transformed	0	0	5	6	1	1
Substantially transformed	255	148	230	207	211	221
Elaborately transformed	0	0	2	3	15	14
Total	255	148	237	215	227	237

Continued

6.6 *Australian food imports from selected countries (continued)*

	Malaysia		Singapore		China	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
<i>Minimally transformed</i>						
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	4	7
Fruit and nuts	0	0	0	0	8	9
Total	0	0	0	0	12	17
Grains	0	0	0	0	0	0
Oilseeds	0	0	0	0	8	10
Food n.e.c.	2	1	2	2	1	2
<i>Substantially transformed</i>						
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	24	28	9	9	13	14
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	0	0	0	0	0
Other dairy products	0	0	0	0	0	0
Total	0	0	0	0	0	0
Fruit and vegetables	3	3	8	8	45	52
Oil and fat	106	87	17	22	5	3
Flour mill and cereal food						
Flour mill products	0	0	0	0	1	1
Cereal food and baking mix	7	4	2	3	10	8
Total	7	4	2	3	11	9
Bakery products						
Bread, cake and pastry	2	2	3	3	4	5
Biscuit	1	2	1	2	1	4
Total	3	5	4	5	6	9
Other food						
Sugar	0	0	0	0	1	1
Confectionery	1	1	8	9	2	3
Food n.e.c.	36	30	70	66	10	10
Total	37	32	78	75	12	15
Beverage and malt						
Soft drink, cordial and syrup	0	0	1	2	1	1
Beer and malt	0	0	0	0	0	0
Wine	0	0	0	0	0	0
Spirit	3	4	2	3	6	7
Total	4	4	3	5	8	8
Total food and beverage						
Minimally transformed	2	1	2	3	22	29
Substantially transformed	183	160	121	125	97	106
Elaborately transformed	1	2	1	2	1	4
Total	186	164	125	130	120	139

Continued

6.6 Australian food imports from selected countries (continued)

	Indonesia		France		Spain	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$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	1	2	5
Total	0	0	1	1	2	5
Grains	0	0	0	0	0	0
Oilseeds	0	0	0	0	0	0
Food n.e.c.	21	8	0	0	0	0
Substantially transformed						
Meat						
Meat processing	0	0	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	1	1	0	0
Total	0	0	1	1	0	0
Seafood	15	17	0	0	2	2
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	0	1	0	0	0
Other dairy products	0	0	6	6	0	0
Total	0	0	7	7	0	0
Fruit and vegetables	16	13	11	13	19	18
Oil and fat	9	5	0	0	50	55
Flour mill and cereal food						
Flour mill products	0	0	1	1	0	0
Cereal food and baking mix	3	4	1	1	0	0
Total	3	4	2	2	0	0
Bakery products						
Bread, cake and pastry	0	0	0	0	0	0
Biscuit	5	8	1	1	0	0
Total	5	9	1	1	0	0
Other food						
Sugar	1	1	0	0	0	0
Confectionery	3	4	3	4	10	15
Food n.e.c.	35	28	12	11	6	6
Total	39	33	15	16	16	20
Beverage and malt						
Soft drink, cordial and syrup	0	0	6	7	0	0
Beer and malt	0	0	0	0	0	0
Wine	0	0	43	51	9	7
Spirit	1	3	17	17	0	0
Total	2	3	67	75	10	7
Total food and beverage						
Minimally transformed	22	8	1	2	2	5
Substantially transformed	85	74	102	114	96	102
Elaborately transformed	5	8	2	2	1	1
Total	111	91	105	117	99	108

Continued

6.6 Australian food imports from selected countries (continued)

	Canada		Viet Nam		Brazil	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
<i>Minimally transformed</i>						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	0	0	1	1	0	0
Horticulture						
Vegetables	0	1	0	0	0	0
Fruit and nuts	0	0	0	0	0	0
Total	0	2	0	0	0	0
Grains	0	0	0	0	0	0
Oilseeds	0	1	0	0	0	0
Food n.e.c.	0	0	34	39	16	15
<i>Substantially transformed</i>						
Meat						
Meat processing	41	61	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	0	0	0	0	0	0
Total	41	62	0	0	0	0
Seafood	27	24	31	31	0	0
Dairy						
Milk and cream processing	0	0	0	0	0	0
Ice cream	0	0	0	0	0	0
Other dairy products	1	0	0	0	0	0
Total	1	0	0	0	0	0
Fruit and vegetables	6	8	23	34	50	46
Oil and fat	1	0	0	0	0	0
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	2	1	0	1	0	0
Biscuit	0	0	0	0	0	0
Total	2	1	1	1	0	0
Other food						
Sugar	0	0	0	0	0	0
Confectionery	3	3	0	0	2	3
Food n.e.c.	9	7	2	1	13	11
Total	12	11	2	1	15	14
Beverage and malt						
Soft drink, cordial and syrup	1	2	0	0	0	117
Beer and malt	0	0	0	0	0	0
Wine	0	0	0	0	0	0
Spirit	2	3	0	0	0	0
Total	3	5	0	0	0	117
Total food and beverage						
Minimally transformed	1	2	35	40	16	15
Substantially transformed	94	111	33	33	70	184
Elaborately transformed	2	1	0	0	0	0
Total	96	114	69	74	87	199

Continued

6.6 Australian food imports from selected countries (continued)

	Netherlands		India		Papua New Guinea	
	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m	1998-99 \$m	1999-00 p \$m
Minimally transformed						
Live animals except fish	0	0	0	0	0	0
Fish or shellfish	0	0	0	0	1	0
Horticulture						
Vegetables	1	0	0	0	0	0
Fruit and nuts	0	0	0	1	0	0
Total	1	0	1	1	0	0
Grains						
Oilseeds	0	0	3	1	0	0
Food n.e.c.	0	0	9	8	52	46
Substantially transformed						
Meat						
Meat processing	0	0	0	0	0	0
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	3	3	0	0	0	0
Total	3	3	0	0	1	0
Seafood						
	2	1	15	14	3	4
Dairy						
Milk and cream processing	0	1	0	0	0	0
Ice cream	0	0	0	0	0	0
Other dairy products	8	8	0	0	0	0
Total	8	8	0	0	0	0
Fruit and vegetables						
	11	11	34	25	0	0
Oil and fat						
	2	2	2	2	1	1
Flour mill and cereal food						
Flour mill products	1	2	0	0	0	0
Cereal food and baking mix	0	0	3	4	0	0
Total	1	2	3	4	0	0
Bakery products						
Bread, cake and pastry	2	3	1	1	0	0
Biscuit	2	1	0	0	0	0
Total	4	4	1	1	0	0
Other food						
Sugar	0	0	0	0	0	0
Confectionery	11	13	0	0	0	0
Food n.e.c.	15	42	9	8	7	5
Total	26	55	9	8	7	5
Beverage and malt						
Soft drink, cordial and syrup	1	0	0	0	0	0
Beer and malt	8	10	0	0	0	0
Wine	0	0	0	0	0	0
Spirit	10	9	0	1	0	0
Total	19	20	0	1	0	0
Total food and beverage						
Minimally transformed	1	1	12	10	53	47
Substantially transformed	75	105	65	54	11	9
Elaborately transformed	2	2	0	0	0	0
Total	78	108	77	65	64	56

p Preliminary.

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

7.1 World trade in processed food, major exporting countries ^a

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 ^p US\$m	Share ^b %
Meat						
Australia	2 780	2 622	2 263	2 554	2 450	5.8
Denmark	3 876	4 119	3 995	4 018	3 575	9.0
France	4 090	4 613	4 317	4 218	3 870	9.7
Netherlands	5 104	5 422	5 303	4 645	4 332	11.4
United States	5 195	6 462	6 958	6 894	6 411	14.7
Other	18 723	21 707	22 606	22 838	21 230	49.3
Total	39 768	44 944	45 443	45 167	41 869	100.0
Dairy						
Australia	1 039	1 102	1 373	1 356	1 349	4.4
France	4 150	4 807	4 402	4 176	4 088	15.4
Germany	4 123	5 111	5 199	4 816	4 666	17.1
Netherlands	3 862	4 646	4 355	3 488	3 779	14.4
New Zealand	1 683	1 811	2 326	2 406	2 135	7.4
Other	9 771	12 480	11 964	11 719	11 914	41.3
Total	24 630	29 957	29 619	27 960	27 931	100.0
Seafood						
Australia	83	78	78	99	86	1.0
China	523	788	1 131	1 054	923	10.7
Denmark	483	511	483	439	463	5.8
Korea, Rep. of	362	395	417	375	287	4.4
Thailand	1 489	1 590	1 611	1 882	2 437	21.8
Other	4 055	4 603	4 898	4 876	4 786	56.2
Total	6 994	7 966	8 619	8 725	8 982	100.0
Horticulture						
Australia	148	163	156	150	115	0.7
China	1 166	1 576	1 391	1 397	1 390	6.7
Italy	1 414	1 719	1 812	1 626	1 745	8.1
Netherlands	2 185	2 744	2 257	1 882	1 931	10.7
United States	2 057	2 116	2 246	2 368	2 393	10.8
Other	11 575	13 390	14 580	13 611	11 776	63.0
Total	18 545	21 708	22 442	21 033	19 350	100.0
Beverages ^c						
Australia	341	383	507	593	632	1.6
France	7 145	8 065	8 087	8 277	8 831	26.0
Germany	1 860	2 027	1 971	1 721	1 641	5.9
Italy	2 287	2 740	2 893	2 744	3 022	8.8
United Kingdom	4 341	4 729	4 913	5 388	4 788	15.6
Other	11 147	12 983	13 835	13 840	13 515	42.1
Total	27 121	30 926	32 207	32 564	32 429	100.0
Sugar and confectionery						
Australia	1 318	1 483	1 398	1 377	1 016	5.5
Belgium-Luxembourg	1 498	1 992	1 794	1 708	1 747	7.3
Brazil	1 112	2 050	1 735	1 919	2 082	7.4
France	2 593	3 190	3 144	2 526	2 455	11.5
Germany	2 268	2 545	2 826	2 472	2 286	10.3
Other	11 784	13 847	15 303	14 518	14 471	58.0
Total	20 573	25 107	26 200	24 520	24 057	100.0

Continued

7.1 World trade in processed food, by major exporting countries ^a (continued)

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 ^p US\$m	Share ^b %
Animal and vegetable oil						
Argentina	1 533	2 095	1 902	2 234	2 621	8.2
Australia	199	238	238	263	286	1.0
Malaysia	4 066	5 140	4 776	4 775	5 575	19.1
Netherlands	1 484	1 857	1 764	1 738	1 933	6.9
United States	1 919	2 597	1 880	2 225	2 815	9.0
Other	11 534	15 083	14 253	15 766	14 558	55.9
Total	20 735	27 010	24 813	27 001	27 788	100.0
Animal feed ^d						
Argentina	1 349	1 255	2 367	2 399	1 946	8.7
Australia	294	305	390	413	324	1.6
Brazil	2 152	2 184	2 930	2 842	1 800	11.1
Netherlands	2 038	2 315	2 229	2 080	1 820	9.8
United States	3 445	3 785	4 338	4 782	4 206	19.2
Other	9 011	10 259	11 510	11 619	10 594	49.5
Total	18 289	20 103	23 763	24 135	20 690	100.0
Cereal products						
Australia	199	237	304	318	262	1.7
Belgium-Luxembourg	1 002	1 261	1 370	1 402	1 396	8.2
France	1 515	1 886	2 066	1 913	1 817	11.7
Germany	1 461	1 602	1 660	1 630	1 541	10.1
Italy	1 512	1 790	2 109	1 980	1 986	11.9
Other	7 098	8 513	9 827	9 731	9 112	56.4
Total	12 787	15 290	17 336	16 973	16 115	100.0
Other processed food						
Australia	142	146	178	193	156	0.5
Brazil	2 724	2 610	2 291	3 321	2 854	8.3
France	1 996	2 320	2 575	2 608	2 191	7.0
Netherlands	1 578	1 915	1 735	1 703	1 593	5.1
United States	2 375	2 150	2 563	2 858	2 798	7.7
Other	20 936	24 372	23 399	25 032	24 623	71.3
Total	29 750	33 513	32 740	35 715	34 214	100.0
All processed food						
Australia	6 544	6 757	6 885	7 316	6 661	2.7
France	24 320	28 342	27 901	26 961	26 560	10.7
Germany	17 944	20 791	21 109	19 945	19 719	7.9
Netherlands	20 142	23 453	21 989	19 390	18 734	8.3
United States	19 146	21 466	22 201	23 670	23 175	8.7
Other	131 095	155 713	163 099	166 512	158 575	61.7
Total	219 192	256 524	263 183	263 794	253 425	100.0

^a Based on over 100 reporting countries representing more than 90 per cent of world trade. ^b Average, 1994-98. ^c Alcoholic and nonalcoholic. ^d Excludes unmilled cereal. ^p Preliminary.

Source: International Trade Centre UNCTAD/WTO; ABARE.

7.2 Value of food exports, European Union

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
<i>Minimally transformed</i>						
Live animals except fish	4 927	5 496	5 263	4 382	4 280	2.7
Fish or shellfish						
Fish, live or fresh	4 204	4 680	4 892	4 999	4 957	2.6
Fish, dried, salted or smoked	674	667	674	646	661	0.4
Shellfish	1 702	1 871	2 101	2 107	2 102	1.1
Horticulture						
Vegetables	9 041	10 630	10 197	9 324	9 846	5.5
Fruit and nuts	9 101	9 872	10 436	11 312	11 051	5.8
Cocoa	1 314	1 550	1 530	1 601	1 659	0.9
Eggs, albumin	909	963	1 155	1 008	960	0.6
Grains and oilseeds						
Barley	1 388	1 739	1 966	1 499	1 164	0.9
Maize	1 968	1 937	1 935	1 665	1 655	1.0
Oilseeds, not soft oil	124	125	137	179	175	0.1
Oilseeds, soft oil	1 172	1 154	1 323	1 613	1 747	0.8
Rice	932	1 021	1 072	950	902	0.5
Wheat or meslin	4 054	5 010	5 260	4 504	3 955	2.5
Other cereal grains, n.e.c.	308	523	642	346	336	0.2
<i>Substantially transformed</i>						
Meat						
Beef, fresh, chilled or frozen	7 638	8 076	5 967	5 884	5 807	3.7
Meat, fresh, chilled or frozen	11 010	12 753	13 837	13 107	11 746	7.0
Meat or offal, preserved	1 226	1 431	1 721	1 614	1 382	0.8
Meat or offal, preserved, n.e.c.	3 070	3 459	3 599	3 500	3 324	1.9
Dairy						
Milk products, excluding butter and cheese	8 925	11 532	10 309	9 804	9 836	5.6
Butter and cheese	2 246	2 962	2 506	2 417	2 420	1.4
Cheese and curd	8 216	9 302	9 696	8 537	8 741	5.0
Fish or shellfish	1 832	2 128	2 193	2 110	2 314	1.2
Cereal products						
Flour or meal from wheat or meslin	1 274	1 443	1 662	1 473	1 141	0.8
Cereal flour or meal, n.e.c.	151	155	180	164	135	0.1
Cereal etc, flour or starch.	7 262	8 629	9 520	9 258	9 334	4.9
Horticulture						
Vegetables, prepared or preserved	4 764	5 757	5 459	5 072	5 366	2.9
Fruit, prepared or preserved	2 180	2 627	2 668	2 416	2 542	1.4
Fruit or vegetable juices	1 861	2 207	2 369	2 191	2 615	1.3
Sugar and confectionery						
Sugar, molasses and honey	3 927	4 713	4 435	4 254	4 219	2.4
Sugar confectionery	2 045	2 350	2 361	2 238	2 155	1.2
Chocolate and cocoa preparations	5 026	6 070	6 426	5 519	5 168	3.1

Continued

7.2 Value of food exports, European Union (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	642	1 025	1 024	1 151	1 132	0.6
Animal oil or fat	542	712	681	705	675	0.4
Vegetable oil or fat, fixed, soft	4 027	5 261	5 565	5 473	5 365	2.9
Vegetable oils, fixed, not soft	491	708	732	794	848	0.4
Animal or vegetable oils, processed	1 254	1 566	1 413	1 355	1 399	0.8
Other food						
Coffee and coffee substitutes	2 281	2 648	2 605	2 867	2 759	1.5
Tea and mate	423	468	493	489	572	0.3
Spices	265	309	324	372	414	0.2
Edible products, n.e.c.	8 826	10 762	10 364	9 557	9 376	5.4
Beverage						
Beverages, nonalcoholic, n.e.c.	2 315	2 731	2 640	2 602	2 552	1.4
Alcoholic beverages	18 809	21 253	22 027	22 176	22 042	11.8
Animal feed b	6 800	7 872	7 986	8 024	7 776	4.3
Total	161 144	188 146	189 343	181 258	178 606	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO; ABARE.

7.3 Value of food exports, NAFTA

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	1 936	2 173	2 063	2 273	2 235	3.0
Fish or shellfish						
Fish, live or fresh	2 662	2 884	2 740	2 598	2 273	3.7
Fish, dried, salted or smoked	321	358	408	271	259	0.5
Shellfish	2 075	2 321	2 178	2 189	1 959	3.1
Horticulture						
Vegetables	3 313	3 934	3 792	3 949	4 509	5.6
Fruit and nuts	3 727	4 113	4 329	4 254	4 131	5.9
Cocoa						
	54	75	76	98	106	0.1
Eggs, albumin						
	191	199	245	246	243	0.3
Grains and oilseeds						
Barley	509	457	585	582	232	0.7
Maize	4 254	7 612	8 740	5 488	4 696	8.8
Oilseeds, not soft oil	187	261	257	310	325	0.4
Oilseeds, soft oil	5 906	7 177	8 800	9 049	6 523	10.7
Rice	1 010	997	1 032	935	1 212	1.5
Wheat or meslin	6 649	8 395	9 164	7 412	5 756	10.7
Other cereal grains, n.e.c.	860	962	1 078	939	775	1.3
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	2 658	2 999	2 881	3 114	3 048	4.2
Meat, fresh, chilled or frozen	3 150	4 159	4 930	4 898	4 438	6.1
Meat or offal, preserved	131	148	156	156	155	0.2
Meat or offal, preserved, n.e.c.	411	500	627	714	672	0.8
Dairy						
Milk products, excluding butter and cheese	466	579	509	629	609	0.8
Butter and cheese	110	74	73	48	41	0.1
Cheese and curd	104	139	166	214	217	0.2
Fish or shellfish						
	587	602	649	631	618	0.9
Cereal products						
Flour or meal from wheat or meslin	283	313	211	195	189	0.3
Cereal flour or meal, n.e.c.	135	113	134	142	137	0.2
Cereal etc, flour or starch	1 359	1 464	1 720	1 902	2 001	2.4
Horticulture						
Vegetables, prepared or preserved	1 204	1 361	1 442	1 659	1 795	2.1
Fruit, prepared or preserved	744	619	704	709	712	1.0
Fruit or vegetable juices	635	800	797	841	857	1.1
Sugar and confectionery						
Sugar, molasses and honey	504	645	855	796	890	1.1
Sugar confectionery	402	460	500	630	659	0.8
Chocolate and cocoa preparations	548	559	641	719	692	0.9

Continued

7.3 Value of food exports, NAFTA (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	62	66	80	83	95	0.1
Animal oil or fat	679	948	722	691	800	1.1
Vegetable oil or fat, fixed, soft	1 408	1 836	1 394	1 697	2 321	2.5
Vegetable oils, fixed, not soft	38	50	72	89	93	0.1
Animal or vegetable oils, processed	190	259	262	282	326	0.4
Other food						
Coffee and coffee substitutes	704	1 113	1 101	1 313	1 181	1.5
Tea and mate	55	61	55	64	64	0.1
Spices	63	58	72	78	92	0.1
Edible products, n.e.c.	2 454	2 268	2 732	3 091	3 116	3.9
Beverage						
Beverages, nonalcoholic, n.e.c.	529	540	507	645	672	0.8
Alcoholic beverages	1 880	2 094	2 253	2 420	2 619	3.2
Animal feed b	3 956	4 376	5 086	5 595	4 923	6.8
Total	59 103	71 123	76 821	74 639	69 264	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

7.4 Value of food exports, APEC a

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 p US\$m	Share b %
<i>Minimally transformed</i>						
Live animals except fish	3 041	3 465	3 469	3 662	3 558	2.6
Fish or shellfish						
Fish, live or fresh	5 880	6 729	6 505	6 765	6 288	4.8
Fish, dried, salted or smoked	673	729	736	591	521	0.5
Shellfish	8 131	8 596	7 725	7 493	7 062	5.8
Horticulture						
Vegetables	6 041	6 617	6 607	6 534	7 046	4.9
Fruit and nuts	6 458	7 221	7 746	7 518	7 288	5.4
Cocoa	812	848	905	964	1 008	0.7
Eggs, albumin	270	284	355	354	334	0.2
Grains and oilseeds						
Barley	759	672	1 255	1 147	798	0.7
Maize	5 269	7 696	8 845	6 438	5 408	5.0
Oilseeds, not soft oil	281	335	301	354	378	0.2
Oilseeds, soft oil	6 676	7 814	9 475	9 540	7 022	6.1
Rice	3 379	3 173	3 392	3 590	4 664	2.7
Wheat or meslin	8 331	9 706	12 290	10 683	9 029	7.5
Other cereal grains, n.e.c.	985	1 043	1 306	1 055	875	0.8
<i>Substantially transformed</i>						
Meat						
Beef, fresh, chilled or frozen	5 664	5 831	5 248	5 711	5 508	4.2
Meat, fresh, chilled or frozen	5 702	7 197	8 174	8 116	7 263	5.5
Meat or offal, preserved	163	180	184	183	180	0.1
Meat or offal, preserved, n.e.c.	837	1 065	1 212	1 306	1 225	0.8
Dairy						
Milk products, excluding butter and cheese	2 200	2 413	2 842	2 941	2 686	2.0
Butter and cheese	723	717	873	868	809	0.6
Cheese and curd	737	868	1 048	1 171	1 130	0.7
Fish or shellfish	3 585	3 984	4 457	4 779	4 907	3.2
Cereal products						
Flour or meal from wheat or meslin	458	530	537	492	415	0.4
Cereal flour or meal, n.e.c.	220	181	236	234	215	0.2
Cereal etc, flour or starch	2 184	2 433	2 812	2 993	2 856	2.0
Horticulture						
Vegetables, prepared or preserved	2 716	3 210	3 067	3 115	3 211	2.3
Fruit, prepared or preserved	1 939	1 897	2 138	1 994	1 929	1.5
Fruit or vegetable juices	944	1 229	1 309	1 268	1 227	0.9
Sugar and confectionery						
Sugar, molasses and honey	3 082	3 728	4 125	3 575	3 332	2.7
Sugar confectionery	772	904	962	1 065	1 023	0.7
Chocolate and cocoa preparations	798	814	940	998	936	0.7

Continued

7.4 Value of food exports, APEC ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	222	295	267	410	405	0.2
Animal oil or fat	939	1 260	1 013	947	1 051	0.8
Vegetable oil or fat, fixed, soft	1 849	2 320	1 840	2 441	2 791	1.7
Vegetable oils, fixed, not soft	5 084	6 074	5 898	6 970	6 629	4.6
Animal or vegetable oils, processed	1 584	2 164	1 747	1 490	1 824	1.3
Other food						
Coffee and coffee substitutes	1 928	2 273	2 022	2 165	2 058	1.6
Tea and mate	498	480	515	548	612	0.4
Spices	602	790	755	985	976	0.6
Edible products, n.e.c.	4 201	4 297	4 907	5 165	5 139	3.5
Beverage						
Beverages, nonalcoholic, n.e.c.	1 021	1 074	1 088	1 192	1 216	0.8
Alcoholic beverages	3 136	3 571	3 955	4 357	4 562	2.9
Animal feed ^c	5 931	6 500	7 400	7 672	6 537	5.1
Total	116 704	133 206	142 483	141 838	133 930	100.0

^a No data available for Laos and Viet Nam. ^b Average, 1994–98. ^c Excludes unmilled cereal. ^p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO; ABARE.

7.5 Value of food exports, ASEAN a

	1994	1995	1996	1997	1998 p	Share b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	262	265	297	270	225	0.9
Fish or shellfish						
Fish, live or fresh	1 098	1 260	1 242	1 253	1 167	4.3
Fish, dried, salted or smoked	167	166	176	137	116	0.5
Shellfish	4 092	4 172	3 798	3 582	3 421	13.7
Horticulture						
Vegetables	854	824	882	701	656	2.8
Fruit and nuts	807	844	992	982	903	3.3
Cocoa						
Cocoa	722	731	777	812	861	2.8
Eggs, albumin						
Eggs, albumin	37	38	52	50	45	0.2
Grains and oilseeds						
Barley	0	0	0	0	0	0.0
Maize	38	43	30	36	92	0.2
Oilseeds, not soft oil	51	39	11	20	32	0.1
Oilseeds, soft oil	48	50	46	42	37	0.2
Rice	1 616	1 986	2 088	2 190	2 102	7.2
Wheat or meslin	2	1	1	1	1	0.0
Other cereal grains, n.e.c.	5	6	17	13	13	0.0
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	7	7	8	5	4	0.0
Meat, fresh, chilled or frozen	472	481	431	421	418	1.6
Meat or offal, preserved	4	4	6	4	2	0.0
Meat or offal, preserved, n.e.c.	107	157	161	187	185	0.6
Dairy						
Milk products, excluding butter and cheese	177	199	215	220	167	0.7
Butter and cheese	11	13	15	11	10	0.0
Cheese and curd	4	4	5	4	3	0.0
Fish or shellfish						
Fish or shellfish	1 880	1 967	2 002	2 244	2 806	7.8
Cereal products						
Flour or meal from wheat or meslin	51	58	42	48	39	0.2
Cereal flour or meal, n.e.c.	66	52	67	63	64	0.2
Cereal etc, flour or starch	309	355	410	372	319	1.3
Horticulture						
Vegetables, prepared or preserved	363	381	381	326	307	1.3
Fruit, prepared or preserved	706	684	812	646	605	2.5
Fruit or vegetable juices	170	204	247	186	178	0.7
Sugar and confectionery						
Sugar, molasses and honey	941	1 405	1 579	1 268	1 253	4.6
Sugar confectionery	160	208	217	188	154	0.7
Chocolate and cocoa preparations	84	89	102	97	87	0.3

Continued

7.5 Value of food exports, ASEAN ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	103	165	113	213	208	0.6
Animal oil or fat	4	4	13	6	8	0.0
Vegetable oil or fat, fixed, soft	203	241	197	211	221	0.8
Vegetable oils, fixed, not soft	4 761	5 782	5 678	6 731	6 446	21.1
Animal or vegetable oils, processed	1 309	1 775	1 353	1 077	1 375	5.0
Other food						
Coffee and coffee substitutes	1 178	1 114	868	774	815	3.4
Tea and mate	127	117	145	117	142	0.5
Spices	370	516	442	674	708	1.9
Edible products, n.e.c.	715	824	928	831	730	2.9
Beverage						
Beverages, nonalcoholic, n.e.c.	195	199	221	197	178	0.7
Alcoholic beverages	521	598	598	544	416	1.9
Animal feed ^c	618	667	772	640	581	2.4
Total	25 415	28 693	28 438	28 395	28 102	100.0

^a No data available for Laos, Myanmar and Viet Nam. ^b Average, 1994-98. ^c Excludes unmilled cereal. ^p Preliminary.
Source: International Trade Centre, UNCTAD/WTO; ABARE.

7.6 Value of food exports, United States ^a

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
<i>Minimally transformed</i>						
Live animals except fish	587	519	533	684	678	1.2
Fish or shellfish						
Fish, live or fresh	1 805	2 039	1 858	1 650	1 314	3.5
Fish, dried, salted or smoked	100	102	120	65	60	0.2
Shellfish	810	721	668	661	534	1.4
Horticulture						
Vegetables	1 523	1 532	1 448	1 545	1 644	3.1
Fruit and nuts	3 172	3 452	3 619	3 570	3 283	6.9
Cocoa	34	39	49	62	67	0.1
Eggs, albumin	158	164	207	207	207	0.4
Grains and oilseeds						
Barley	154	178	211	211	77	0.3
Maize	4 187	7 533	8 623	5 417	4 617	12.3
Oilseeds, not soft oil	37	35	41	59	110	0.1
Oilseeds, soft oil	4 682	5 877	7 797	7 891	5 315	12.8
Rice	1 008	996	1 029	932	1 208	2.1
Wheat or meslin	4 056	5 457	6 302	4 178	3 712	9.6
Other cereal grains, n.e.c.	694	717	799	648	594	1.4
<i>Substantially transformed</i>						
Meat						
Beef, fresh, chilled or frozen	2 251	2 592	2 375	2 433	2 251	4.8
Meat, fresh, chilled or frozen	2 532	3 389	4 019	3 800	3 530	7.0
Meat or offal, preserved	78	96	91	90	101	0.2
Meat or offal, preserved, n.e.c.	334	385	473	571	529	0.9
Dairy						
Milk products, excluding butter and cheese	380	459	333	448	441	0.8
Butter and cheese	108	63	42	26	14	0.1
Cheese and curd	72	89	105	123	117	0.2
Fish or shellfish	317	316	284	254	262	0.6
Cereal products						
Flour or meal from wheat or meslin	216	241	149	140	129	0.4
Cereal flour or meal, n.e.c.	107	90	108	118	114	0.2
Cereal etc, flour or starch	842	833	912	986	1 029	1.9
Horticulture						
Vegetables, prepared or preserved	937	1 036	1 089	1 210	1 260	2.2
Fruit, prepared or preserved	585	433	521	490	479	1.0
Fruit or vegetable juices	535	647	636	668	654	1.3
Sugar and confectionery						
Sugar, molasses and honey	303	354	380	359	380	0.7
Sugar confectionery	230	224	240	300	271	0.5
Chocolate and cocoa preparations	349	317	351	373	323	0.7

Continued

7.6 Value of food exports, United States ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	57	61	74	73	86	0.1
Animal oil or fat	605	834	611	570	685	1.3
Vegetable oil or fat, fixed, soft	1 084	1 480	964	1 323	1 747	2.7
Vegetable oils, fixed, not soft	33	41	59	73	78	0.1
Animal or vegetable oils, processed	139	182	171	186	219	0.4
Other food						
Coffee and coffee substitutes	195	197	203	221	234	0.4
Tea and mate	35	32	34	33	29	0.1
Spices	45	36	43	46	55	0.1
Edible products, n.e.c.	2 099	1 884	2 283	2 557	2 480	4.6
Beverage						
Beverages, nonalcoholic, n.e.c.	344	332	244	299	302	0.6
Alcoholic beverages	889	1 039	1 068	1 119	1 171	2.1
Animal feed ^c	3 445	3 785	4 338	4 782	4 206	8.3
Total	42 154	50 827	55 504	51 449	46 596	100.0

^a Includes Puerto Rico and the US Virgin Islands. ^b Average, 1994–98. ^c Excludes unmilled cereal. ^p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO.

7.7 Value of food exports, France

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
<i>Minimally transformed</i>						
Live animals except fish	1 826	1 928	1 723	1 671	1 741	4.7
Fish or shellfish						
Fish, live or fresh	541	532	556	604	608	1.5
Fish, dried, salted or smoked	55	76	51	36	41	0.1
Shellfish	184	214	203	244	254	0.6
Horticulture						
Vegetables	1 101	1 255	1 225	1 104	1 287	3.2
Fruit and nuts	1 190	1 348	1 487	1 461	1 391	3.6
Cocoa	144	204	183	181	288	0.5
Eggs, albumin	109	127	151	130	141	0.3
Grains and oilseeds						
Barley	533	573	631	565	585	1.5
Maize	1 655	1 642	1 617	1 393	1 408	4.1
Oilseeds, not soft oil	17	17	17	15	18	0.0
Oilseeds, soft oil	413	561	726	907	947	1.9
Rice	50	62	70	59	47	0.2
Wheat or meslin	1 999	2 964	2 883	2 365	1 975	6.5
Other cereal grains, n.e.c.	97	70	77	63	65	0.2
<i>Substantially transformed</i>						
Meat						
Beef, fresh, chilled or frozen	1 531	1 574	1 117	1 082	1 039	3.4
Meat, fresh, chilled or frozen	2 020	2 352	2 548	2 493	2 216	6.2
Meat or offal, preserved	90	104	116	115	101	0.3
Meat or offal, preserved, n.e.c.	449	582	537	529	514	1.4
Dairy						
Milk products, excluding butter and cheese	1 912	2 233	1 915	1 945	1 868	5.2
Butter and cheese	266	330	250	229	205	0.7
Cheese and curd	1 972	2 243	2 238	2 003	2 015	5.5
Fish or shellfish	105	151	171	205	169	0.4
Cereal products						
Flour or meal from wheat or meslin	364	462	533	421	304	1.1
Cereal flour or meal, n.e.c.	48	46	55	51	49	0.1
Cereal etc, flour or starch	1 103	1 378	1 478	1 440	1 464	3.6
Horticulture						
Vegetables, prepared or preserved	603	708	707	663	668	1.8
Fruit, prepared or preserved	226	267	257	249	268	0.7
Fruit or vegetable juices	84	116	96	115	133	0.3
Sugar and confectionery						
Sugar, molasses and honey	1 653	1 850	1 913	1 511	1 470	4.4
Sugar confectionery	206	217	203	190	203	0.5
Chocolate and cocoa preparations	734	1 123	1 028	825	782	2.4

Continued

7.7 *Value of food exports, France (continued)*

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	47	48	41	39	42	0.1
Animal oil or fat	85	122	104	107	113	0.3
Vegetable oil or fat, fixed, soft	429	522	443	451	473	1.2
Vegetable oils, fixed, not soft	23	28	36	36	28	0.1
Animal or vegetable oils, processed	52	121	90	66	60	0.2
Other food						
Coffee and coffee substitutes	368	281	448	289	298	0.9
Tea and mate	28	39	40	29	36	0.1
Spices	35	40	36	35	41	0.1
Edible products, n.e.c.	1 565	1 960	2 051	2 255	1 817	5.1
Beverage						
Beverages, nonalcoholic, n.e.c.	747	871	759	784	822	2.1
Alcoholic beverages	6 398	7 194	7 328	7 493	8 009	19.3
Animal feed b	1 175	1 378	1 365	1 312	1 354	3.5
Total	34 234	39 916	39 501	37 758	37 356	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO.

7.8 Value of food exports, Netherlands

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 p US\$m	Share a %
Minimally transformed						
Live animals except fish	827	976	1 066	397	362	2.5
Fish or shellfish						
Fish, live or fresh	695	808	770	697	693	2.5
Fish, dried, salted or smoked	59	60	61	66	59	0.2
Shellfish	232	237	232	203	162	0.7
Horticulture						
Vegetables	3 304	3 724	3 269	2 741	2 853	11.0
Fruit and nuts	1 167	1 256	1 276	1 089	1 128	4.1
Cocoa						
Eggs, albumin	476	471	557	461	407	1.6
Grains and oilseeds						
Barley	26	32	16	43	23	0.1
Maize	57	30	25	23	28	0.1
Oilseeds, not soft oil	41	27	29	31	31	0.1
Oilseeds, soft oil	423	238	213	304	426	1.1
Rice	109	86	102	107	106	0.4
Wheat or meslin	60	51	77	66	48	0.2
Other cereal grains, n.e.c.	26	20	41	18	16	0.1
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	1 570	1 604	1 325	1 358	1 359	5.0
Meat, fresh, chilled or frozen	2 859	3 033	3 063	2 517	2 335	9.6
Meat or offal, preserved	266	322	445	373	291	1.2
Meat or offal, preserved, n.e.c.	409	463	471	398	347	1.4
Dairy						
Milk products, excluding butter and cheese	1 310	1 721	1 501	1 248	1 323	4.9
Butter and cheese	524	652	565	492	545	1.9
Cheese and curd	2 028	2 273	2 288	1 747	1 911	7.1
Fish or shellfish						
	322	369	333	268	319	1.1
Cereal products						
Flour or meal from wheat or meslin	80	115	129	125	97	0.4
Cereal flour or meal, n.e.c.	8	7	9	14	12	0.0
Cereal etc, flour or starch	763	853	779	675	612	2.6
Horticulture						
Vegetables, prepared or preserved	1 365	1 826	1 378	1 247	1 255	4.9
Fruit, prepared or preserved	276	325	323	250	244	1.0
Fruit or vegetable juices	544	593	556	385	432	1.7
Sugar and confectionery						
Sugar, molasses and honey	322	356	285	366	369	1.2
Sugar confectionery	276	325	294	239	197	0.9
Chocolate and cocoa preparations	648	742	655	572	516	2.2

Continued

7.8 Value of food exports, Netherlands (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	165	252	248	227	220	0.8
Animal oil or fat	74	94	87	88	82	0.3
Vegetable oil or fat, fixed, soft	642	751	645	634	763	2.4
Vegetable oils, fixed, not soft	188	267	327	372	443	1.1
Animal or vegetable oils, processed	414	492	458	416	425	1.5
Other food						
Coffee and coffee substitutes	150	189	158	201	121	0.6
Tea and mate	68	79	78	32	26	0.2
Spices	60	77	75	96	115	0.3
Edible products, n.e.c.	1 301	1 571	1 424	1 376	1 331	4.9
Beverage						
Beverages, nonalcoholic, n.e.c.	344	391	374	350	292	1.2
Alcoholic beverages	1 128	1 397	1 489	1 246	931	4.3
Animal feed b	2 038	2 315	2 229	2 080	1 820	7.3
Total	28 468	32 424	30 713	26 640	26 057	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

7.9 Value of food exports, Germany

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 p US\$m	Share a %
Minimally transformed						
Live animals except fish	652	710	630	629	621	2.7
Fish or shellfish						
Fish, live or fresh	280	352	461	419	315	1.5
Fish, dried, salted or smoked	19	31	69	55	61	0.2
Shellfish	47	48	63	58	61	0.2
Horticulture						
Vegetables	374	436	434	350	370	1.7
Fruit and nuts	293	364	423	430	401	1.6
Cocoa	208	223	209	181	123	0.8
Eggs, albumin	90	86	126	100	100	0.4
Grains and oilseeds						
Barley	263	434	596	251	118	1.4
Maize	80	86	99	84	75	0.4
Oilseeds, not soft oil	11	15	16	21	18	0.1
Oilseeds, soft oil	196	202	176	173	145	0.8
Rice	41	48	53	35	35	0.2
Wheat or meslin	827	801	969	778	811	3.5
Other cereal grains, n.e.c.	65	293	296	113	90	0.7
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	1 183	1 145	993	1 018	965	4.5
Meat, fresh, chilled or frozen	460	593	691	631	667	2.6
Meat or offal, preserved	65	74	103	76	53	0.3
Meat or offal, preserved, n.e.c.	319	383	397	361	355	1.5
Dairy						
Milk products, excluding butter and cheese	2 554	3 259	3 205	2 953	2 901	12.5
Butter and cheese	156	241	192	156	138	0.7
Cheese and curd	1 413	1 611	1 801	1 707	1 627	6.9
Fish or shellfish	269	291	355	323	352	1.3
Cereal products						
Flour or meal from wheat or meslin	148	173	176	165	138	0.7
Cereal flour or meal, n.e.c.	27	24	29	21	17	0.1
Cereal etc, flour or starch	1 287	1 404	1 455	1 445	1 386	5.9
Horticulture						
Vegetables, prepared or preserved	302	358	380	366	388	1.5
Fruit, prepared or preserved	359	414	425	386	372	1.6
Fruit or vegetable juices	464	531	593	450	472	2.1
Sugar and confectionery						
Sugar, molasses and honey	778	893	844	797	768	3.4
Sugar confectionery	348	400	399	369	368	1.6
Chocolate and cocoa preparations	1 142	1 252	1 583	1 306	1 150	5.4

Continued

7.9 Value of food exports, Germany (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	93	154	160	299	288	0.8
Animal oil or fat	120	136	131	119	136	0.5
Vegetable oil or fat, fixed, soft	595	804	646	737	870	3.1
Vegetable oils, fixed, not soft	87	120	106	93	99	0.4
Animal or vegetable oils, processed	391	462	406	359	375	1.7
Other food						
Coffee and coffee substitutes	821	996	945	1 057	1 028	4.1
Tea and mate	71	81	80	84	82	0.3
Spices	62	72	70	81	84	0.3
Edible products, n.e.c.	1 229	1 446	1 448	1 298	1 437	5.8
Beverage						
Beverages, nonalcoholic, n.e.c.	251	267	277	276	248	1.1
Alcoholic beverages	1 609	1 761	1 694	1 445	1 394	6.7
Animal feed b	1 343	1 446	1 525	1 567	1 562	6.3
Total	21 390	24 921	25 729	23 623	23 061	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

7.10 Value of food exports, Belgium–Luxembourg

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 p US\$m	Share a %
Minimally transformed						
Live animals except fish	481	554	517	421	387	2.8
Fish or shellfish						
Fish, live or fresh	77	91	105	195	201	0.8
Fish, dried, salted or smoked	14	14	13	11	9	0.1
Shellfish	100	111	124	168	160	0.8
Horticulture						
Vegetables	1 059	1 165	1 150	1 081	1 261	6.9
Fruit and nuts	591	484	512	1 643	1 773	6.0
Cocoa	25	35	16	81	116	0.3
Eggs, albumin	136	147	172	164	139	0.9
Grains and oilseeds						
Barley	62	44	77	82	27	0.4
Maize	60	102	81	39	24	0.4
Oilseeds, not soft oil	27	41	40	61	63	0.3
Oilseeds, soft oil	15	30	24	58	59	0.2
Rice	161	193	194	140	128	1.0
Wheat or meslin	116	163	98	92	137	0.7
Other cereal grains, n.e.c.	11	12	28	12	13	0.1
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	548	552	459	431	395	2.9
Meat, fresh, chilled or frozen	1 389	1 702	1 928	1 806	1 613	10.2
Meat or offal, preserved	108	113	126	117	106	0.7
Meat or offal, preserved, n.e.c.	500	580	628	666	620	3.6
Dairy						
Milk products, excluding butter and cheese	1 192	1 618	1 382	1 192	1 287	8.0
Butter and cheese	349	434	372	365	412	2.3
Cheese and curd	429	455	462	403	419	2.6
Fish or shellfish	68	75	85	93	103	0.5
Cereal products						
Flour or meal from wheat or meslin	207	200	254	240	186	1.3
Cereal flour or meal, n.e.c.	9	12	13	9	8	0.1
Cereal etc, flour or starch	786	1 050	1 103	1 152	1 202	6.4
Horticulture						
Vegetables, prepared or preserved	496	586	572	484	543	3.2
Fruit, prepared or preserved	161	191	200	211	220	1.2
Fruit or vegetable juices	117	185	276	401	528	1.8
Sugar and confectionery						
Sugar, molasses and honey	437	687	456	521	551	3.2
Sugar confectionery	232	269	257	228	237	1.5
Chocolate and cocoa preparations	828	1 036	1 081	958	959	5.9

Continued

7.10 Value of food exports, Belgium–Luxembourg (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	185	275	258	233	226	1.4
Animal oil or fat	60	83	82	90	64	0.5
Vegetable oil or fat, fixed, soft	366	518	464	528	480	2.8
Vegetable oils, fixed, not soft	47	76	83	95	97	0.5
Animal or vegetable oils, processed	69	79	67	75	136	0.5
Other food						
Coffee and coffee substitutes	293	387	318	490	470	2.4
Tea and mate	31	26	31	36	47	0.2
Spices	8	10	11	17	21	0.1
Edible products, n.e.c.	586	705	698	679	691	4.0
Beverage						
Beverages, nonalcoholic, n.e.c.	304	364	367	362	300	2.0
Alcoholic beverages	461	594	561	521	532	3.2
Animal feed b	682	879	913	1 057	932	5.4
Total	13 885	16 925	16 661	17 707	17 885	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

8.1 Value of world trade in processed food, by major importing countries ^a

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 ^p US\$m	Share ^b %
Meat						
Australia	31	37	43	51	36	0.1
Germany	5 260	5 835	5 852	5 016	4 495	12.6
Italy	3 552	3 692	3 633	3 447	3 517	8.5
Japan	7 764	9 653	9 373	7 584	6 759	19.5
United Kingdom	2 889	3 619	3 937	3 678	3 354	8.3
Other	19 128	20 757	22 325	23 112	22 047	51.0
Total	38 623	43 592	45 164	42 889	40 208	100.0
Dairy						
Australia	114	135	154	141	147	0.5
Belgium-Luxembourg	1 988	2 853	2 265	1 975	2 129	8.8
Germany	3 101	3 941	3 627	3 376	3 097	13.5
Italy	2 787	3 077	2 993	2 731	2 763	11.3
Netherlands	2 024	2 979	2 280	1 969	1 943	8.8
Other	12 417	14 945	15 617	14 882	14 957	57.2
Total	22 431	27 930	26 936	25 075	25 035	100.0
Seafood						
Australia	166	162	175	160	156	1.9
France	604	780	774	698	792	8.4
Japan	1 960	2 336	2 419	2 382	1 904	25.2
United Kingdom	630	794	851	838	898	9.2
United States	952	970	1 074	1 241	1 431	13.0
Other	3 304	3 610	3 964	3 790	3 815	42.4
Total	7 615	8 652	9 256	9 108	8 997	100.0
Horticulture						
Australia	204	237	255	221	212	1.1
France	1 694	2 062	2 001	1 835	1 978	9.0
Germany	3 006	3 486	3 545	3 100	3 011	15.1
Japan	2 314	2 629	2 549	2 316	2 214	11.3
United States	2 272	2 338	2 739	2 819	2 769	12.1
Other	9 192	10 958	11 839	11 362	11 690	51.5
Total	18 682	21 710	22 928	21 653	21 875	100.0
Beverages ^c						
Australia	247	253	267	297	294	0.9
Germany	2 753	3 021	3 123	3 000	3 036	10.3
Japan	2 193	2 272	1 972	1 902	2 420	7.4
United Kingdom	2 776	3 097	3 482	3 913	4 325	12.1
United States	4 611	4 903	5 647	6 376	6 896	19.5
Other	12 364	14 106	15 437	15 488	15 168	49.8
Total	24 944	27 651	29 928	30 976	32 139	100.0
Sugar and confectionery						
Australia	112	129	148	163	157	0.6
France	1 431	1 800	1 671	1 527	1 523	7.2
Germany	1 687	1 845	1 866	1 778	1 759	8.1
United Kingdom	1 757	1 885	1 951	1 857	1 823	8.4
United States	1 677	1 916	2 464	2 562	2 385	9.9
Other	11 774	14 631	17 165	15 097	14 388	65.9
Total	18 437	22 206	25 265	22 984	22 034	100.0

Continued

8.1 Value of world trade in processed foods, by major importing countries ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Australia	165	197	218	204	205	0.9
Germany	1 207	1 406	1 404	1 378	1 401	6.1
Italy	1 418	1 419	1 802	1 849	1 494	7.1
United Kingdom	896	1 055	1 173	1 128	1 043	4.7
United States	1 290	1 457	1 660	1 650	1 603	6.9
Other	13 957	19 210	17 709	17 400	14 780	74.3
Total	18 932	24 744	23 966	23 610	20 526	100.0
Animal feed ^d						
Australia	78	76	82	99	100	0.4
China	348	421	1 298	1 791	1 405	4.7
France	1 530	1 490	1 700	1 714	1 523	7.2
Germany	1 599	1 793	1 969	1 841	1 656	8.0
Japan	1 852	2 209	2 287	2 374	2 046	9.7
Other	13 957	14 770	17 282	16 504	15 051	70.0
Total	19 363	20 759	24 618	24 322	21 781	100.0
Cereal products						
Australia	86	101	107	122	104	0.7
France	1 164	1 342	1 445	1 344	1 370	9.6
Germany	1 251	1 456	1 449	1 273	1 264	9.6
United Kingdom	640	763	881	988	1 056	6.2
United States	1 039	1 157	1 288	1 407	1 541	9.2
Other	7 670	9 195	10 118	9 101	8 898	64.6
Total	11 850	14 015	15 287	14 236	14 233	100.0
Other processed food						
Australia	521	621	634	676	854	1.9
France	1 897	2 346	2 112	2 232	2 244	6.1
Germany	3 851	5 101	4 258	4 554	4 337	12.5
Japan	2 157	2 580	2 632	2 775	2 549	7.2
United States	3 740	4 591	4 253	5 493	5 271	13.2
Other	17 799	20 996	21 097	22 545	22 187	59.1
Total	29 965	36 236	34 985	38 275	37 442	100.0
All processed food						
Australia	1 789	2 015	2 158	2 217	2 265	0.9
Germany	24 961	29 250	28 517	26 643	25 446	11.1
Japan	21 066	25 222	24 877	22 827	21 113	9.5
United Kingdom	16 234	18 594	19 959	20 146	20 399	7.9
United States	20 303	21 775	24 075	26 856	27 706	9.9
Other	126 490	150 638	158 748	154 437	147 341	60.8
Total	210 843	247 495	258 333	253 127	244 270	100.0

^a Based on over 100 reporting countries representing more than 90 per cent of world trade. ^b Average, 1994–98. ^c Alcoholic and nonalcoholic. ^d Excludes unmilled cereal. ^p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

8.2 World trade in processed food, by level of transformation ^a

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	8 622	9 770	9 525	8 381	8 215	2.2
Fish or shellfish						
Fish, live or fresh	19 916	22 012	23 191	22 671	22 086	5.5
Fish, dried, salted or smoked	2 397	2 759	2 810	2 524	2 554	0.6
Shellfish	16 699	18 112	17 299	17 025	16 498	4.3
Horticulture						
Vegetables	18 685	21 343	21 717	20 212	21 369	5.1
Fruit and nuts	26 822	29 524	32 409	31 838	30 966	7.5
Cocoa	4 653	5 338	6 097	5 720	6 309	1.4
Eggs, albumin	1 276	1 291	1 625	1 560	1 415	0.4
Grains and oilseeds						
Barley	2 427	3 063	3 576	2 257	1 462	0.6
Maize	8 128	10 745	12 160	9 737	9 009	2.5
Oilseeds, not soft oil	691	787	849	904	908	0.2
Oilseeds, soft oil	12 045	12 609	14 952	15 859	14 520	3.5
Rice	5 339	4 913	6 552	4 815	5 574	1.4
Wheat or meslin	11 981	15 436	19 068	15 585	13 790	3.8
Other cereal grains, n.e.c.	1 569	1 778	2 433	1 687	1 506	0.4
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	14 333	14 869	12 847	13 062	12 877	3.4
Meat, fresh, chilled or frozen	18 684	22 174	25 145	22 999	20 796	5.5
Meat or offal, preserved	1 271	1 575	1 874	1 723	1 510	0.4
Meat or offal, preserved, n.e.c.	4 336	4 974	5 297	5 106	5 025	1.2
Dairy						
Milk products, excluding butter and cheese	10 855	14 018	13 105	12 176	12 334	3.1
Butter and cheese	2 680	3 481	3 166	3 173	3 053	0.8
Cheese and curd	8 895	10 431	10 665	9 726	9 649	2.5
Fish or shellfish	7 615	8 652	9 256	9 108	8 997	2.2
Cereal products						
Flour or meal from wheat or meslin	1 062	1 322	1 622	1 298	1 193	0.3
Cereal flour or meal, n.e.c.	277	309	399	370	342	0.1
Cereal etc, flour or starch	10 511	12 384	13 266	12 568	12 698	3.1
Horticulture						
Vegetables, prepared or preserved	8 209	9 679	9 761	9 397	9 535	2.3
Fruit, prepared or preserved	5 662	6 128	6 384	6 326	6 281	1.5
Fruit or vegetable juices	4 810	5 903	6 782	5 930	6 058	1.5
Sugar and confectionery						
Sugar, molasses and honey	10 089	12 422	14 767	12 704	11 867	3.1
Sugar confectionery	2 886	3 452	3 661	3 643	3 513	0.9
Chocolate and cocoa preparations	5 462	6 333	6 837	6 637	6 653	1.6

Continued

8.2 World trade in processed food, by level of transformation ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	709	891	1 028	1 153	1 157	0.2
Animal oil or fat	1 618	2 247	2 087	1 969	1 902	0.5
Vegetable oil or fat, fixed, soft	8 113	10 248	10 478	10 560	10 429	2.5
Vegetable oils, fixed, not soft	5 872	7 916	7 480	7 235	7 713	1.8
Animal or vegetable oils, processed	2 620	3 442	2 892	2 693	2 873	0.7
Other food						
Coffee and coffee substitutes	13 408	17 305	14 292	17 458	16 240	3.9
Tea and mate	2 004	2 107	2 361	2 451	2 651	0.6
Spices	1 575	1 854	2 005	2 245	2 231	0.5
Edible products, n.e.c.	12 980	14 970	16 327	16 121	16 321	3.8
Beverage						
Beverages, nonalcoholic, n.e.c.	3 413	3 792	3 780	3 874	4 069	0.9
Alcoholic beverages	21 531	23 859	26 148	27 102	28 070	6.3
Animal feed ^c	19 363	20 759	24 618	24 322	21 781	5.5
Total	352 092	406 975	432 595	413 899	403 999	100.0

^a Based on over 100 reporting countries representing more than 90 per cent of world trade. ^b Average, 1994–98. ^c Excludes unmilled cereal. ^p Preliminary.

Source: International Trade Centre, UNCTAD/WTO; ABARE.

8.3 Value of food imports, European Union

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	4 412	4 712	4 774	4 036	4 079	2.3
Fish or shellfish						
Fish, live or fresh	7 059	7 890	8 293	8 020	8 931	4.2
Fish, dried, salted or smoked	1 198	1 360	1 401	1 257	1 419	0.7
Shellfish	4 008	4 663	4 620	4 661	5 183	2.4
Horticulture						
Vegetables	10 789	12 461	12 235	10 852	11 311	6.1
Fruit and nuts	15 242	16 955	18 119	17 548	17 177	9.0
Cocoa	2 919	3 409	3 683	3 133	3 497	1.8
Eggs, albumin	738	749	981	913	799	0.4
Grains and oilseeds						
Barley	754	1 220	1 266	841	650	0.5
Maize	2 348	2 670	2 535	2 119	1 974	1.2
Oilseeds, not soft oil	328	381	412	457	466	0.2
Oilseeds, soft oil	6 293	6 511	7 102	6 672	6 412	3.5
Rice	1 293	1 259	1 473	1 273	1 169	0.7
Wheat or meslin	3 198	4 042	4 096	3 822	3 634	2.0
Other cereal grains, n.e.c.	289	435	581	307	277	0.2
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	7 072	7 406	5 559	5 306	5 552	3.3
Meat, fresh, chilled or frozen	9 983	11 592	13 027	11 910	10 729	6.1
Meat or offal, preserved	1 069	1 371	1 626	1 383	1 184	0.7
Meat or offal, preserved, n.e.c.	2 505	2 963	2 867	2 732	2 748	1.5
Dairy						
Milk products, excluding butter and cheese	6 526	8 591	7 410	6 852	7 331	3.9
Butter and cheese	2 118	2 824	2 298	2 367	2 290	1.3
Cheese and curd	6 839	7 909	7 935	7 177	7 093	3.9
Fish or shellfish	3 293	3 803	4 015	3 789	4 117	2.0
Cereal products						
Flour or meal from wheat or meslin	298	323	338	306	318	0.2
Cereal flour or meal, n.e.c.	92	107	123	115	110	0.1
Cereal etc, flour or starch	5 382	6 235	6 684	6 439	6 671	3.3
Horticulture						
Vegetables, prepared or preserved	4 423	5 406	5 294	4 719	4 888	2.6
Fruit, prepared or preserved	3 082	3 287	3 423	3 360	3 530	1.8
Fruit or vegetable juices	2 657	3 456	3 745	3 255	3 605	1.8
Sugar and confectionery						
Sugar, molasses and honey	3 606	4 636	4 832	4 396	4 350	2.3
Sugar confectionery	1 378	1 592	1 640	1 578	1 516	0.8
Chocolate and cocoa preparations	3 538	4 001	4 083	3 914	4 024	2.1

Continued

8.3 Value of food imports, European Union (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	424	504	537	532	548	0.3
Animal oil or fat	762	981	886	843	721	0.4
Vegetable oil or fat, fixed, soft	3 148	3 573	3 998	3 907	3 686	1.9
Vegetable oils, fixed, not soft	1 917	2 441	2 561	2 343	2 831	1.3
Animal or vegetable oils, processed	1 472	1 877	1 563	1 414	1 527	0.8
Other food						
Coffee and coffee substitutes	7 031	9 355	7 485	8 889	8 208	4.3
Tea and mate	724	741	780	816	864	0.4
Spices	484	596	600	756	787	0.3
Edible products, n.e.c.	6 450	7 471	7 494	6 984	7 256	3.8
Beverage						
Beverages, nonalcoholic, n.e.c.	1 636	1 811	1 761	1 725	1 900	0.9
Alcoholic beverages	10 806	12 154	13 031	13 216	13 820	6.7
Animal feed b	11 174	11 458	12 758	11 571	10 484	6.1
Total	170 756	197 179	199 924	188 504	189 668	100.0

a Average, 1994-98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO. ABARE.

8.4 Value of food imports, NAFTA

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	1 773	1 936	1 870	2 059	2 113	3.5
Fish or shellfish						
Fish, live or fresh	2 578	2 840	2 907	3 152	3 377	5.3
Fish, dried, salted or smoked	169	192	181	184	200	0.3
Shellfish	3 951	3 870	3 769	4 394	4 469	7.4
Horticulture						
Vegetables	2 618	2 890	3 252	3 371	3 985	5.8
Fruit and nuts	4 535	4 618	4 997	5 234	5 502	8.9
Cocoa	879	910	1 185	1 197	1 391	2.0
Eggs, albumin	88	67	88	100	115	0.2
Grains and oilseeds						
Barley	206	148	207	174	147	0.3
Maize	550	577	1 342	640	949	1.5
Oilseeds, not soft oil	75	84	120	132	118	0.2
Oilseeds, soft oil	1 217	1 103	1 671	1 917	1 666	2.7
Rice	336	311	410	489	434	0.7
Wheat or meslin	492	472	699	712	648	1.1
Other cereal grains, n.e.c.	630	473	596	607	596	1.0
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	2 517	1 924	1 830	2 310	2 622	4.0
Meat, fresh, chilled or frozen	1 275	1 123	1 310	1 526	1 521	2.4
Meat or offal, preserved	106	89	101	110	104	0.2
Meat or offal, preserved, n.e.c.	785	693	677	712	748	1.3
Dairy						
Milk products, excluding butter and cheese	497	419	596	623	597	1.0
Butter and cheese	67	49	64	83	145	0.1
Cheese and curd	724	743	804	782	875	1.4
Fish or shellfish	1 240	1 242	1 320	1 483	1 694	2.5
Cereal products						
Flour or meal from wheat or meslin	62	61	74	65	61	0.1
Cereal flour or meal, n.e.c.	59	56	75	79	74	0.1
Cereal etc, flour or starch	1 672	1 696	1 884	2 070	2 282	3.5
Horticulture						
Vegetables, prepared or preserved	1 206	1 244	1 255	1 401	1 585	2.4
Fruit, prepared or preserved	890	879	1 003	1 107	1 052	1.8
Fruit or vegetable juices	1 051	1 028	1 396	1 340	1 201	2.2
Sugar and confectionery						
Sugar, molasses and honey	1 411	1 450	2 086	1 947	1 614	3.1
Sugar confectionery	567	642	675	758	857	1.3
Chocolate and cocoa preparations	636	682	768	876	943	1.4

Continued

8.4 Value of food imports, NAFTA (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	31	32	46	51	52	0.1
Animal oil or fat	211	259	266	290	284	0.5
Vegetable oil or fat, fixed, soft	984	1 061	1 283	1 185	1 172	2.0
Vegetable oils, fixed, not soft	600	669	700	820	758	1.3
Animal or vegetable oils, processed	209	272	216	241	276	0.4
Other food						
Coffee and coffee substitutes	3 065	3 925	3 363	4 600	4 185	6.9
Tea and mate	257	239	252	273	314	0.5
Spices	414	421	458	538	595	0.9
Edible products, n.e.c.	1 601	1 450	1 614	1 862	2 163	3.1
Beverage						
Beverages, nonalcoholic, n.e.c.	634	542	599	759	835	1.2
Alcoholic beverages	4 936	5 188	5 928	6 658	7 212	10.8
Animal feed b						
	1 403	1 297	1 539	1 620	1 588	2.7
Total	49 207	49 865	55 476	60 533	63 116	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

8.5 Value of food imports, APEC ^a

	1994	1995	1996	1997	1998 p	Share b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
<i>Minimally transformed</i>						
Live animals except fish	2 863	3 284	3 324	3 475	3 292	2.4
Fish or shellfish						
Fish, live or fresh	11 105	11 946	11 936	11 973	10 731	8.4
Fish, dried, salted or smoked	918	1 060	1 042	932	803	0.7
Shellfish	12 210	12 876	12 072	11 791	10 866	8.7
Horticulture						
Vegetables	5 142	5 631	5 936	5 900	6 524	4.2
Fruit and nuts	8 089	8 453	9 014	9 298	9 221	6.4
Cocoa	1 250	1 320	1 627	1 636	1 837	1.1
Eggs, albumin	338	324	398	385	359	0.3
Grains and oilseeds						
Barley	621	705	866	837	613	0.5
Maize	3 049	4 145	4 861	3 500	3 375	2.8
Oilseeds, not soft oil	193	230	251	252	224	0.2
Oilseeds, soft oil	4 102	4 026	5 316	6 343	5 848	3.7
Rice	2 406	1 692	2 418	1 744	2 293	1.5
Wheat or meslin	4 101	5 398	6 070	3 951	3 378	3.3
Other cereal grains, n.e.c.	1 120	1 020	1 240	1 124	1 049	0.8
<i>Substantially transformed</i>						
Meat						
Beef, fresh, chilled or frozen	5 745	5 606	5 011	5 432	5 429	4.0
Meat, fresh, chilled or frozen	6 818	8 336	8 850	7 594	6 952	5.6
Meat or offal, preserved	146	131	146	160	153	0.1
Meat or offal, preserved, n.e.c.	1 388	1 473	1 645	1 633	1 640	1.1
Dairy						
Milk products, excluding butter and cheese	1 984	2 326	2 470	2 518	2 317	1.7
Butter and cheese	211	235	258	220	280	0.2
Cheese and curd	1 293	1 422	1 552	1 544	1 665	1.1
Fish or shellfish	3 691	4 054	4 287	4 405	4 036	3.0
Cereal products						
Flour or meal from wheat or meslin	176	226	232	212	192	0.2
Cereal flour or meal, n.e.c.	84	103	113	120	110	0.1
Cereal etc, flour or starch	2 774	2 989	3 391	3 525	3 585	2.4
Horticulture						
Vegetables, prepared or preserved	2 901	3 086	3 105	3 188	3 259	2.3
Fruit, prepared or preserved	2 004	2 093	2 128	2 152	1 994	1.5
Fruit or vegetable juices	1 629	1 735	2 122	1 921	1 736	1.3
Sugar and confectionery						
Sugar, molasses and honey	2 867	3 980	4 435	3 837	3 154	2.7
Sugar confectionery	991	1 171	1 169	1 228	1 230	0.8
Chocolate and cocoa preparations	1 197	1 319	1 484	1 589	1 594	1.0

Continued

8.5 Value of food imports, APEC ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	106	147	150	176	185	0.1
Animal oil or fat	376	577	550	549	522	0.4
Vegetable oil or fat, fixed, soft	2 657	3 323	3 168	3 502	3 420	2.3
Vegetable oils, fixed, not soft	2 060	2 563	2 244	2 358	2 204	1.7
Animal or vegetable oils, processed	642	879	562	519	532	0.5
Other food						
Coffee and coffee substitutes	4 561	5 654	4 782	6 235	5 780	3.9
Tea and mate	604	601	645	661	700	0.5
Spices	758	814	932	1 057	1 015	0.7
Edible products, n.e.c.	3 940	4 161	4 720	5 062	5 134	3.3
Beverage						
Beverages, nonalcoholic, n.e.c.	1 314	1 330	1 335	1 479	1 502	1.0
Alcoholic beverages	8 567	8 998	9 624	10 338	10 990	7.1
Animal feed ^c	5 046	5 515	6 982	7 810	6 703	4.7
Total	124 041	136 956	144 462	144 166	138 424	100.0

^a No data available for Laos and Viet Nam. ^b Average, 1994–98. ^c Excludes unmilled cereal. ^p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO; ABARE.

8.6 Value of food imports, ASEAN a

	1994	1995	1996	1997	1998 p	Share b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	432	552	656	637	408	3.2
Fish or shellfish						
Fish, live or fresh	1 044	1 042	1 051	1 157	995	6.4
Fish, dried, salted or smoked	61	62	65	62	37	0.3
Shellfish	440	496	480	471	398	2.8
Horticulture						
Vegetables	572	685	710	700	557	3.9
Fruit and nuts	729	773	824	764	566	4.4
Cocoa	127	176	139	151	192	0.9
Eggs, albumin	59	58	68	65	53	0.4
Grains and oilseeds						
Barley	3	6	6	5	5	0.0
Maize	391	586	685	658	381	3.3
Oilseeds, not soft oil	29	29	34	30	36	0.2
Oilseeds, soft oil	661	638	817	934	688	4.5
Rice	389	855	1 427	741	1 445	5.9
Wheat or meslin	1 337	1 619	1 954	1 635	1 445	9.6
Other cereal grains, n.e.c.	19	17	40	10	7	0.1
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	215	242	284	313	241	1.6
Meat, fresh, chilled or frozen	230	220	288	287	209	1.5
Meat or offal, preserved	9	8	11	11	5	0.1
Meat or offal, preserved, n.e.c.	84	85	90	87	69	0.5
Dairy						
Milk products, excluding butter and cheese	1 021	1 431	1 405	1 399	1 215	7.8
Butter and cheese	121	156	162	118	110	0.8
Cheese and curd	72	86	91	101	89	0.5
Fish or shellfish	156	153	167	167	104	0.9
Cereal products						
Flour or meal from wheat or meslin	63	95	74	64	48	0.4
Cereal flour or meal, n.e.c.	19	20	26	27	22	0.1
Cereal etc, flour or starch	353	406	505	452	360	2.5
Horticulture						
Vegetables, prepared or preserved	212	219	231	228	177	1.3
Fruit, prepared or preserved	149	144	145	139	86	0.8
Fruit or vegetable juices	57	60	67	71	54	0.4
Sugar and confectionery						
Sugar, molasses and honey	476	895	1 259	989	832	5.4
Sugar confectionery	85	96	98	104	68	0.5
Chocolate and cocoa preparations	123	135	132	151	115	0.8

Continued

8.6 Value of food imports, ASEAN ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	34	42	30	27	21	0.2
Animal oil or fat	24	31	27	27	26	0.2
Vegetable oil or fat, fixed, soft	217	219	198	249	253	1.4
Vegetable oils, fixed, not soft	342	277	351	385	339	2.0
Animal or vegetable oils, processed	280	408	149	127	145	1.3
Other food						
Coffee and coffee substitutes	236	205	115	162	113	1.0
Tea and mate	42	37	41	44	39	0.2
Spices	156	171	205	259	206	1.2
Edible products, n.e.c.	739	847	978	1 009	807	5.3
Beverage						
Beverages, nonalcoholic, n.e.c.	88	105	139	158	90	0.7
Alcoholic beverages	764	841	989	796	584	4.8
Animal feed ^c	1 392	1 546	1 850	1 996	1 528	10.0
Total	14 054	16 772	19 063	17 970	15 170	100.0

^a No data available for Laos, Myanmar and Viet Nam. ^b Average, 1994–98. ^c Excludes unmilled cereal. ^p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO; ABARE.

8.7 Value of food imports, United States ^a

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	1 426	1 767	1 636	1 697	1 765	4.2
Fish or shellfish						
Fish, live or fresh	2 251	2 458	2 511	2 766	2 949	6.6
Fish, dried, salted or smoked	124	137	133	132	140	0.3
Shellfish	3 613	3 535	3 309	3 939	4 003	9.4
Horticulture						
Vegetables	1 713	1 979	2 290	2 340	2 832	5.7
Fruit and nuts	3 044	3 263	3 570	3 715	3 971	8.9
Cocoa	757	775	1 031	1 008	1 162	2.4
Eggs, albumin	31	22	25	20	15	0.1
Grains and oilseeds						
Barley	197	133	136	133	101	0.4
Maize	91	71	125	113	168	0.3
Oilseeds, not soft oil	62	74	96	96	81	0.2
Oilseeds, soft oil	240	208	280	333	316	0.7
Rice	150	141	178	236	203	0.5
Wheat or meslin	301	251	256	376	298	0.8
Other cereal grains, n.e.c.	207	195	229	298	216	0.6
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	1 651	1 327	1 230	1 522	1 728	3.8
Meat, fresh, chilled or frozen	589	609	710	772	753	1.7
Meat or offal, preserved	61	66	70	72	63	0.2
Meat or offal, preserved, n.e.c.	512	484	458	453	472	1.2
Dairy						
Milk products, excluding butter and cheese	58	49	98	122	175	0.3
Butter and cheese	3	3	12	24	86	0.1
Cheese and curd	529	587	624	584	675	1.5
Fish or shellfish	952	970	1 074	1 241	1 431	2.9
Cereal products						
Flour or meal from wheat or meslin	48	50	49	42	45	0.1
Cereal flour or meal, n.e.c.	15	19	23	22	24	0.1
Cereal etc, flour or starch	975	1 088	1 216	1 343	1 473	3.1
Horticulture						
Vegetables, prepared or preserved	868	952	937	1 016	1 160	2.5
Fruit, prepared or preserved	667	678	791	860	796	1.9
Fruit or vegetable juices	738	708	1 011	944	814	2.1
Sugar and confectionery						
Sugar, molasses and honey	965	1 028	1 488	1 444	1 137	3.1
Sugar confectionery	379	484	516	569	655	1.3
Chocolate and cocoa preparations	333	403	460	548	593	1.2

Continued

8.7 Value of food imports, United States ^a (continued)

	1994	1995	1996	1997	1998 ^p	Share ^b
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	3	5	6	9	10	0.0
Animal oil or fat	40	40	45	58	49	0.1
Vegetable oil or fat, fixed, soft	664	696	911	785	767	1.9
Vegetable oils, fixed, not soft	465	544	571	670	632	1.5
Animal or vegetable oils, processed	118	171	127	128	145	0.4
Other food						
Coffee and coffee substitutes	2 572	3 357	2 884	3 988	3 534	8.3
Tea and mate	182	170	178	190	233	0.5
Spices	331	343	378	440	478	1.0
Edible products, n.e.c.	655	721	813	875	1 026	2.1
Beverage						
Beverages, nonalcoholic, n.e.c.	400	404	482	585	622	1.3
Alcoholic beverages	4 211	4 498	5 165	5 791	6 274	13.2
Animal feed ^b	561	543	718	750	696	1.7
Total	33 752	36 009	38 849	43 051	44 764	100.0

^a Includes Puerto Rico and the US Virgin Islands. ^b Average, 1994–98. ^c Excludes unmilled cereal. ^p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO.

8.8 Value of food imports, Japan

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
<i>Minimally transformed</i>						
Live animals except fish	155	270	268	216	179	0.5
Fish or shellfish						
Fish, live or fresh	6 746	7 242	7 117	6 641	5 447	13.9
Fish, dried, salted or smoked	387	436	444	313	227	0.8
Shellfish	6 773	7 363	6 686	5 852	4 998	13.3
Horticulture						
Vegetables	1 731	1 821	1 797	1 666	1 780	3.7
Fruit and nuts	1 844	1 946	1 862	1 794	1 681	3.8
Cocoa	130	136	181	171	170	0.3
Eggs, albumin	99	105	115	114	96	0.2
Grains and oilseeds						
Barley	229	288	334	268	217	0.6
Maize	2 262	2 395	3 048	2 448	2 119	5.1
Oilseeds, not soft oil	36	40	44	50	42	0.1
Oilseeds, soft oil	2 246	2 257	2 585	2 715	2 343	5.1
Rice	1 437	22	267	331	273	1.0
Wheat or meslin	1 352	1 342	1 561	1 363	1 096	2.8
Other cereal grains, n.e.c.	471	435	579	496	416	1.0
<i>Substantially transformed</i>						
Meat						
Beef, fresh, chilled or frozen	2 855	3 247	2 716	2 614	2 341	5.8
Meat, fresh, chilled or frozen	4 526	5 868	5 973	4 328	3 769	10.2
Meat or offal, preserved	7	9	10	15	18	0.0
Meat or offal, preserved, n.e.c.	375	529	674	627	631	1.2
Dairy						
Milk products, excluding butter and cheese	263	352	301	299	236	0.6
Butter and cheese	5	5	2	2	2	0.0
Cheese and curd	384	460	515	524	559	1.0
Fish or shellfish	1 960	2 336	2 419	2 382	1 904	4.6
Cereal products						
Flour or meal from wheat or meslin	0	0	0	1	1	0.0
Cereal flour or meal, n.e.c.	2	2	2	2	2	0.0
Cereal etc, flour or starch	479	614	707	647	603	1.3
Horticulture						
Vegetables, prepared or preserved	1 102	1 236	1 266	1 226	1 187	2.5
Fruit, prepared or preserved	763	854	745	676	639	1.5
Fruit or vegetable juices	449	539	538	413	388	1.0
Sugar and confectionery						
Sugar, molasses and honey	651	800	732	700	579	1.4
Sugar confectionery	80	84	66	67	53	0.1
Chocolate and cocoa preparations	257	319	358	318	287	0.6

Continued

8.8 Value of food imports, Japan (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	9	9	9	10	13	0.0
Animal oil or fat	76	114	125	114	83	0.2
Vegetable oil or fat, fixed, soft	114	146	201	220	213	0.4
Vegetable oils, fixed, not soft	290	368	322	341	350	0.7
Animal or vegetable oils, processed	85	134	124	81	71	0.2
Other food						
Coffee and coffee substitutes	1 065	1 265	1 073	1 230	1 176	2.4
Tea and mate	170	195	217	217	198	0.4
Spices	137	181	239	237	186	0.4
Edible products, n.e.c.	786	939	1 103	1 091	990	2.1
Beverage						
Beverages, nonalcoholic, n.e.c.	245	316	224	176	154	0.5
Alcoholic beverages	1 948	1 956	1 748	1 725	2 266	4.0
Animal feed b	1 852	2 209	2 287	2 374	2 046	4.5
Total	46 835	51 186	51 585	47 093	42 026	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

8.9 Value of food imports, Germany

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	439	538	720	374	338	1.2
Fish or shellfish						
Fish, live or fresh	1 278	1 375	1 407	1 296	1 462	3.4
Fish, dried, salted or smoked	176	215	235	197	198	0.5
Shellfish	222	226	212	202	219	0.5
Horticulture						
Vegetables	3 358	3 977	3 878	3 257	3 195	8.7
Fruit and nuts	4 703	5 522	5 603	4 951	4 487	12.4
Cocoa	737	820	825	792	830	2.0
Eggs, albumin	333	362	473	432	351	1.0
Grains and oilseeds						
Barley	102	182	216	104	69	0.3
Maize	302	320	328	266	233	0.7
Oilseeds, not soft oil	124	146	131	130	140	0.3
Oilseeds, soft oil	1 343	1 330	1 541	1 576	1 514	3.6
Rice	168	193	210	165	149	0.4
Wheat or meslin	256	268	296	176	154	0.6
Other cereal grains, n.e.c.	43	53	67	40	28	0.1
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	1 240	1 214	930	709	682	2.3
Meat, fresh, chilled or frozen	3 221	3 771	4 084	3 558	3 033	8.7
Meat or offal, preserved	138	142	142	128	147	0.3
Meat or offal, preserved, n.e.c.	661	709	695	621	633	1.6
Dairy						
Milk products, excluding butter and cheese	592	631	620	586	657	1.5
Butter and cheese	423	721	543	579	506	1.4
Cheese and curd	2 086	2 589	2 464	2 210	1 934	5.5
Fish or shellfish	511	546	601	535	561	1.4
Cereal products						
Flour or meal from wheat or meslin	30	43	33	31	26	0.1
Cereal flour or meal, n.e.c.	8	9	16	13	13	0.0
Cereal etc, flour or starch	1 213	1 405	1 400	1 229	1 225	3.2
Horticulture						
Vegetables, prepared or preserved	1 337	1 542	1 494	1 191	1 173	3.3
Fruit, prepared or preserved	971	1 017	1 055	1 045	1 061	2.5
Fruit or vegetable juices	698	927	996	864	778	2.1
Sugar and confectionery						
Sugar, molasses and honey	555	680	679	552	561	1.5
Sugar confectionery	293	350	344	318	294	0.8
Chocolate and cocoa preparations	838	815	842	908	903	2.1

Continued

8.9 Value of food imports, Germany (continued)

	1994 US\$m	1995 US\$m	1996 US\$m	1997 US\$m	1998 p US\$m	Share a %
Animal and vegetable oil						
Margarine and shortening	41	59	64	56	53	0.1
Animal oil or fat	94	115	118	97	80	0.2
Vegetable oil or fat, fixed, soft	268	282	286	256	288	0.7
Vegetable oils, fixed, not soft	471	554	588	654	665	1.4
Animal or vegetable oils, processed	334	395	348	315	316	0.8
Other food						
Coffee and coffee substitutes	2 039	2 859	2 145	2 718	2 462	6.0
Tea and mate	120	154	169	136	139	0.4
Spices	129	154	145	182	185	0.4
Edible products, n.e.c.	1 563	1 934	1 798	1 518	1 550	4.1
Beverage						
Beverages, nonalcoholic, n.e.c.	430	366	274	242	291	0.8
Alcoholic beverages	2 322	2 655	2 849	2 759	2 745	6.6
Animal feed b	1 599	1 793	1 969	1 841	1 656	4.4
Total	37 810	43 958	43 834	39 808	37 981	100.0

a Average, 1994-98. b Excludes unmilled cereal. p Preliminary.
Source: International Trade Centre, UNCTAD/WTO.

8.10 *Value of food imports, United Kingdom*

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
<i>Minimally transformed</i>						
Live animals except fish	203	251	309	341	378	1.1
Fish or shellfish						
Fish, live or fresh	667	716	808	804	927	3.0
Fish, dried, salted or smoked	14	13	15	14	13	0.1
Shellfish	239	253	227	260	311	1.0
Horticulture						
Vegetables	1 466	1 834	1 837	1 893	2 020	6.9
Fruit and nuts	2 260	2 515	2 813	2 872	2 911	10.1
Cocoa	354	385	480	419	488	1.6
Eggs, albumin	50	46	61	60	48	0.2
Grains and oilseeds						
Barley	32	22	26	30	34	0.1
Maize	333	351	354	303	229	1.2
Oilseeds, not soft oil	36	36	45	62	43	0.2
Oilseeds, soft oil	442	464	571	571	492	1.9
Rice	224	238	311	304	284	1.0
Wheat or meslin	251	213	157	225	236	0.8
Other cereal grains, n.e.c.	12	11	14	17	11	0.0
<i>Substantially transformed</i>						
Meat						
Beef, fresh, chilled or frozen	450	595	471	553	427	1.9
Meat, fresh, chilled or frozen	1 102	1 294	1 640	1 516	1 523	5.4
Meat or offal, preserved	633	853	1 064	838	625	3.0
Meat or offal, preserved, n.e.c.	704	876	763	771	780	3.0
Dairy						
Milk products, excluding butter and cheese	382	436	413	469	489	1.7
Butter and cheese	410	381	367	352	351	1.4
Cheese and curd	812	842	983	936	978	3.5
Fish or shellfish	630	794	851	838	898	3.0
Cereal products						
Flour or meal from wheat or meslin	19	23	23	28	24	0.1
Cereal flour or meal, n.e.c.	16	15	14	13	13	0.1
Cereal etc, flour or starch	605	725	844	947	1 018	3.1
Horticulture						
Vegetables, prepared or preserved	674	890	919	904	963	3.3
Fruit, prepared or preserved	434	490	518	511	501	1.9
Fruit or vegetable juices	311	414	469	371	441	1.5
Sugar and confectionery						
Sugar, molasses and honey	1 064	1 163	1 207	1 111	1 071	4.3
Sugar confectionery	179	178	177	201	211	0.7
Chocolate and cocoa preparations	515	545	567	545	542	2.1

Continued

8.10 Value of food imports, United Kingdom (continued)

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	56	59	71	71	67	0.2
Animal oil or fat	132	141	147	135	116	0.5
Vegetable oil or fat, fixed, soft	225	258	340	341	369	1.2
Vegetable oils, fixed, not soft	306	376	445	411	347	1.4
Animal or vegetable oils, processed	177	221	170	170	144	0.7
Other food						
Coffee and coffee substitutes	609	680	542	635	637	2.4
Tea and mate	337	302	328	364	374	1.3
Spices	55	80	69	94	96	0.3
Edible products, n.e.c.	1 092	1 227	1 260	1 357	1 418	4.8
Beverage						
Beverages, nonalcoholic, n.e.c.	178	236	218	233	307	0.9
Alcoholic beverages	2 598	2 861	3 264	3 680	4 018	12.5
Animal feed b	1 179	1 254	1 333	1 330	1 164	4.8
Total	22 464	25 556	27 506	27 901	28 337	100.0

a Average, 1994-98. b Excludes unmilled cereal. p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO.

8.11 Value of food imports, France

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Minimally transformed						
Live animals except fish	574	594	484	322	306	1.8
Fish or shellfish						
Fish, live or fresh	1 208	1 348	1 415	1 334	1 483	5.2
Fish, dried, salted or smoked	103	114	126	113	125	0.4
Shellfish	791	918	891	865	1 013	3.5
Horticulture						
Vegetables	1 354	1 598	1 545	1 354	1 449	5.6
Fruit and nuts	2 375	2 648	2 512	2 357	2 391	9.5
Cocoa	385	487	518	486	541	1.9
Eggs, albumin	74	80	115	94	83	0.3
Grains and oilseeds						
Barley	13	23	24	12	3	0.1
Maize	95	105	97	85	104	0.4
Oilseeds, not soft oil	15	16	22	22	21	0.1
Oilseeds, soft oil	405	355	392	338	342	1.4
Rice	212	219	269	249	240	0.9
Wheat or meslin	100	63	93	90	81	0.3
Other cereal grains, n.e.c.	19	16	17	15	15	0.1
Substantially transformed						
Meat						
Beef, fresh, chilled or frozen	1 661	1 653	982	836	919	4.7
Meat, fresh, chilled or frozen	1 842	2 064	2 152	1 947	1 758	7.5
Meat or offal, preserved	146	186	205	202	202	0.7
Meat or offal, preserved, n.e.c.	273	311	313	269	264	1.1
Dairy						
Milk products, excluding butter and cheese	785	953	870	830	1 014	3.4
Butter and cheese	437	570	432	477	482	1.9
Cheese and curd	586	720	729	636	682	2.6
Fish or shellfish	604	780	774	698	792	2.8
Cereal products						
Flour or meal from wheat or meslin	58	66	67	61	72	0.3
Cereal flour or meal, n.e.c.	15	13	19	22	21	0.1
Cereal etc, flour or starch	1 091	1 264	1 359	1 260	1 277	4.8
Horticulture						
Vegetables, prepared or preserved	674	864	830	726	775	3.0
Fruit, prepared or preserved	551	623	611	598	661	2.4
Fruit or vegetable juices	469	575	560	511	543	2.1
Sugar and confectionery						
Sugar, molasses and honey	482	589	485	423	395	1.8
Sugar confectionery	177	231	224	200	202	0.8
Chocolate and cocoa preparations	771	980	962	903	925	3.5

Continued

8.11 *Value of food imports, France (continued)*

	1994	1995	1996	1997	1998 p	Share a
	US\$m	US\$m	US\$m	US\$m	US\$m	%
Animal and vegetable oil						
Margarine and shortening	123	152	156	140	128	0.5
Animal oil or fat	76	93	86	86	82	0.3
Vegetable oil or fat, fixed, soft	462	580	587	564	540	2.1
Vegetable oils, fixed, not soft	149	194	211	220	253	0.8
Animal or vegetable oils, processed	175	277	211	185	218	0.8
Other food						
Coffee and coffee substitutes	1 052	1 377	1 110	1 250	1 148	4.6
Tea and mate	64	66	69	75	85	0.3
Spices	66	76	76	87	97	0.3
Edible products, n.e.c.	715	827	857	820	915	3.2
Beverage						
Beverages, nonalcoholic, n.e.c.	186	264	279	273	307	1.0
Alcoholic beverages	1 096	1 304	1 373	1 280	1 420	5.0
Animal feed b	1 530	1 490	1 700	1 714	1 523	6.1
Total	24 040	27 725	26 809	25 029	25 893	100.0

a Average, 1994–98. b Excludes unmilled cereal. p Preliminary.
 Source: International Trade Centre, UNCTAD/WTO.

9.1 Supply and consumption of alcoholic beverages, by selected country ^a

	Domestic supply				Food consumption	
	Production	Imports	Exports	Total ^b	Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	22 971	386	645	22 725	21 682	30
Egypt	95	0	5	91	43	1
Nigeria	6 617	5	1	6 622	6 053	58
South Africa	3 070	64	518	2 617	2 635	68
Asia ^c	52 009	2 036	937	53 108	50 104	14
China	30 812	524	347	30 990	30 915	25
India	3 521	29	72	3 477	1 431	2
Indonesia	238	2	20	220	164	1
Japan	8 498	918	78	9 339	8 924	71
Korea, Rep. of	2 974	177	87	3 064	2 906	64
Malaysia	103	12	27	88	86	4
Pakistan	47	1	5	43	34	0
Philippines	1 176	15	13	1 179	1 119	16
Thailand	1 845	30	84	1 791	1 773	30
Viet Nam	530	8	5	532	532	7
Europe	69 612	9 161	12 297	66 907	60 908	84
Austria	1 270	120	93	1 302	1 214	150
Belgium–Luxembourg	1 586	532	599	1 518	1 447	137
Czech Republic	1 984	98	237	1 845	1 788	174
Denmark	930	220	290	850	808	154
France	8 975	1 221	2 377	7 987	6 197	106
Germany	12 262	1 736	1 324	12 789	12 564	153
Greece	864	101	114	815	620	59
Italy	7 188	510	1 734	6 127	4 650	81
Malta	21	5	0	25	22	59
Netherlands	2 350	463	1 013	1 798	1 724	110
Norway	255	59	4	310	288	66
Poland	2 659	88	42	2 702	2 561	66
Portugal	1 433	155	287	1 415	1 303	132
Russian Federation	3 914	474	192	4 246	4 135	28
Slovenia	303	33	48	287	267	134
Spain	5 897	476	1 047	5 128	4 203	106
Sweden	615	203	59	760	712	80
Turkey	851	20	57	813	758	12
United Kingdom	6 763	1 577	1 199	7 174	7 017	119
Middle East						
Iran	0	0	0	0	0	0
Iraq	76	4	0	80	80	4
Kuwait	0	0	0	0	0	0
Saudi Arabia	0	15	0	15	14	1
United Arab Emirates	0	na	0	45	0	0

continued

9.1 Supply and consumption of alcoholic beverages, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	6 062	237	956	5 343	5 131	40
North America	37 968	3 609	2 866	38 524	34 971	86
Canada	2 883	370	450	2 802	2 773	92
Mexico	5 458	166	824	4 800	4 528	48
United States	29 627	3 073	1 592	30 922	27 670	102
South America	30 547	880	946	30 634	15 468	47
Argentina	2 883	57	210	2 867	2 591	73
Brazil	22 088	537	248	22 377	7 517	46
Chile	815	34	306	560	551	38
Uruguay	224	21	19	226	222	68
Oceania	2 950	154	405	2 714	2 606	92
Australia	2 459	89	367	2 200	2 133	116
New Zealand	401	44	36	405	380	101
Papua New Guinea	48	1	1	48	44	10
World	217 315	16 359	18 330	215 766	187 066	32

^a Annual average, 1996-98. Wine, beer from barley, and other fermented and alcoholic beverages. Includes nonfood alcohol. ^b Takes account of stock changes. ^c Not including Middle East countries. **na** Not available.
 Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.2 Supply and consumption of cereals, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	111 000	37 229	3 428	143 285	105 881	146
Egypt	15 370	9 743	321	23 721	15 933	246
Nigeria	20 669	1 922	6	22 382	15 575	150
South Africa	12 325	1 793	1 990	12 324	7 181	185
Asia c	826 269	113 058	30 604	914 031	622 557	177
China	386 022	14 286	6 796	396 224	238 242	190
India	181 681	1 472	3 552	181 591	162 880	169
Indonesia	42 703	5 999	252	47 355	41 547	204
Japan	8 904	28 370	499	37 224	16 640	132
Korea, Rep. of	5 120	12 165	128	17 186	7 597	166
Malaysia	1 444	4 497	375	5 511	2 848	136
Pakistan	23 710	2 340	1 784	23 983	21 278	148
Philippines	11 457	4 030	17	14 729	9 620	135
Thailand	19 945	1 147	6 188	14 075	7 048	118
Viet Nam	20 064	661	3 738	17 012	13 399	175
Europe	404 835	60 348	76 624	380 084	95 621	131
Austria	4 758	556	850	4 755	750	93
Belgium-Luxembourg	2 530	6 707	3 990	4 984	1 111	105
Czech Republic	6 773	563	472	6 984	1 352	131
Denmark	9 360	743	2 356	7 568	572	109
France	64 787	2 428	30 300	32 381	6 574	112
Germany	44 065	4 397	9 997	35 446	7 950	97
Greece	4 551	1 340	610	4 923	1 578	149
Italy	20 045	8 705	4 420	23 304	9 117	159
Malta	6	185	3	191	57	149
Netherlands	1 480	6 634	2 266	5 992	1 173	75
Norway	1 348	631	22	1 947	530	121
Poland	25 952	2 420	191	27 580	5 850	151
Portugal	1 482	2 891	135	4 094	1 262	128
Russian Federation	66 995	4 508	1 633	70 084	22 169	150
Slovenia	529	509	31	1 041	283	142
Spain	21 116	6 629	2 050	23 875	4 085	103
Sweden	5 867	353	1 470	4 714	888	100
Turkey	30 661	3 405	2 246	30 443	13 893	219
United Kingdom	23 627	3 689	6 750	20 679	5 642	96
Middle East						
Iran	16 089	6 663	68	21 879	11 687	181
Iraq	2 483	2 241	0	4 693	3 241	153
Kuwait	4	633	64	508	223	128
Saudi Arabia	2 237	6 183	34	10 321	3 142	161
United Arab Emirates	1	1 186	229	631	288	125

Continued

9.2 Supply and consumption of cereals, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	32 273	13 057	787	43 632	20 891	163
North America	419 574	18 915	10 867	312 683	51 680	127
Canada	52 947	2 117	23 511	30 981	3 200	106
Mexico	28 730	10 279	605	37 384	16 485	175
United States	337 897	6 519	84 554	244 318	31 995	118
South America	91 321	21 259	22 692	89 691	36 480	110
Argentina	33 992	160	19 910	13 293	4 658	131
Brazil	41 731	9 614	304	51 830	17 493	107
Chile	2 879	1 391	234	3 975	1 965	134
Uruguay	1 766	140	1 120	887	382	117
Oceania	33 013	1 041	22 123	11 049	2 458	86
Australia	32 061	121	22 049	9 386	1 599	87
New Zealand	927	294	65	1 050	323	86
Papua New Guinea	9	359	0	333	323	72
World	1 890 731	258 717	264 540	1 862 219	922 101	159

^a Annual average, 1996-98. Includes wheat, rice (milled equivalent), barley (excluding beer), maize, rye, oats, millet, sorghum and other cereals. ^b Takes account of stock changes. ^c Not including Middle East countries.
Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.3 Supply and consumption of starchy roots, by selected country a

	Domestic supply			Total b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	146 795	538	512	147 251	94 815	130
Egypt	2 434	65	300	2 234	1 622	25
Nigeria	58 348	2	0	58 350	22 404	216
South Africa	1 628	106	62	1 672	1 215	31
Asia c	274 968	8 509	15 888	263 800	146 974	42
China	177 554	3 050	458	178 479	81 857	65
India	27 191	3	53	27 107	21 329	22
Indonesia	18 852	356	1 536	17 672	14 379	71
Japan	4 818	1 185	2	6 000	4 466	35
Korea, Rep. of	967	2 101	1	3 067	752	16
Malaysia	488	533	80	941	519	25
Pakistan	1 560	13	29	1 544	1 329	9
Philippines	2 883	225	3	3 105	2 808	39
Thailand	17 230	136	12 943	2 360	985	17
Viet Nam	3 911	10	222	3 699	3 109	41
Europe	148 050	20 201	11 198	158 148	69 195	95
Austria	698	121	15	803	478	59
Belgium-Luxembourg	2 714	3 168	1 884	3 833	1 101	104
Czech Republic	1 574	100	43	1 630	831	81
Denmark	1 539	165	599	1 237	380	72
France	6 331	1 132	1 213	6 328	3 923	67
Germany	12 446	1 593	2 693	11 751	6 468	79
Greece	915	192	29	1 079	717	68
Italy	2 102	1 062	294	2 776	2 202	38
Malta	34	9	7	35	27	72
Netherlands	7 101	5 348	3 530	8 920	1 288	83
Norway	447	47	0	457	345	79
Poland	24 647	60	158	24 474	5 202	135
Portugal	1 198	1 022	30	2 273	1 287	131
Russian Federation	35 704	192	41	36 693	18 621	126
Slovenia	181	32	4	209	110	55
Spain	3 504	3 474	212	7 134	3 497	88
Sweden	1 204	243	19	1 200	566	64
Turkey	5 122	193	181	5 135	4 022	63
United Kingdom	6 923	1 382	249	8 068	6 551	112
Middle East						
Iran	3 285	19	55	3 248	2 757	43
Iraq	403	45	0	448	310	15
Kuwait	27	28	0	55	54	31
Saudi Arabia	337	106	30	414	326	17
United Arab Emirates	4	73	6	77	64	28

Continued

9.3 Supply and consumption of starchy roots, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	2 049	260	243	2 066	1 691	13
North America	27 980	2 417	2 900	27 380	21 030	52
Canada	4 195	379	1 234	3 340	1 898	63
Mexico	1 422	197	22	1 597	1 303	14
United States	22 363	1 841	1 644	22 443	17 829	66
South America	44 998	495	225	45 267	22 681	69
Argentina	3 380	60	117	3 322	2 771	78
Brazil	26 348	166	na	26 449	10 389	64
Chile	918	29	9	938	742	51
Uruguay	194	37	1	230	166	51
Oceania	3 325	190	96	3 422	2 726	96
Australia	1 328	90	38	1 380	1 131	62
New Zealand	489	65	49	508	306	81
Papua New Guinea	1 202	4	0	1 207	994	221
World	648 805	32 527	31 089	647 933	359 554	62

^a Annual average, 1996-98. Includes cassava, potatoes, yams and other roots. ^b Takes account of stock changes. ^c Not including Middle East countries. **na** Not available.
 Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.4 Supply and consumption of sweeteners, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	8 735	5 383	2 696	10 818	10 604	15
Egypt	1 284	1 092	6	2 027	2 026	31
Nigeria	51	797	0	848	848	8
South Africa	2 628	36	1 053	1 426	1 424	37
Asia ^c	57 194	14 588	6 713	64 414	62 779	18
China	9 722	1 579	875	10 942	10 874	9
India	24 597	537	341	23 856	23 413	24
Indonesia	2 289	1 176	24	3 315	3 308	16
Japan	2 013	1 881	21	3 973	3 900	31
Korea, Rep. of	706	1 450	441	1 697	1 546	34
Malaysia	126	1 183	185	1 124	1 119	53
Pakistan	4 084	8	282	4 041	4 043	28
Philippines	1 966	445	243	2 112	2 112	30
Thailand	5 521	12	3 765	1 741	1 745	29
Viet Nam	652	133	9	776	776	10
Europe	31 320	13 613	13 403	32 149	27 804	38
Austria	760	232	199	849	387	48
Belgium-Luxembourg	1 243	992	1 757	563	516	49
Czech Republic	622	77	124	521	518	50
Denmark	630	203	277	433	275	52
France	5 629	808	3 946	2 627	2 280	39
Germany	4 489	897	1 951	3 540	3 420	42
Greece	354	70	28	400	333	32
Italy	2 058	549	419	2 015	1 787	31
Malta	0	23	1	24	20	53
Netherlands	1 848	411	598	1 717	787	50
Norway	6	215	20	202	200	45
Poland	2 373	106	440	1 768	1 671	43
Portugal	51	343	60	354	344	35
Russian Federation	1 663	3 794	128	5 727	5 637	38
Slovenia	72	51	14	109	40	20
Spain	1 333	518	409	1 474	1 300	33
Sweden	401	67	80	406	389	44
Turkey	2 674	274	278	2 053	1 996	32
United Kingdom	2 190	1 734	958	2 894	2 247	38
Middle East						
Iran	821	1 003	1	1 856	1 856	29
Iraq	2	323	0	331	322	15
Kuwait	0	80	2	70	70	40
Saudi Arabia	0	664	20	722	721	37
United Arab Emirates	0	255	91	104	78	34

Continued

9.4 Supply and consumption of sweeteners, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	8 187	571	2 721	6 356	6 071	47
North America	24 102	5 103	2 423	26 402	25 529	63
Canada	300	1 424	373	1 273	1 338	44
Mexico	4 987	516	1 048	4 860	4 648	49
United States	18 815	3 163	1 002	20 269	19 543	72
South America	25 127	1 318	8 702	17 408	16 456	50
Argentina	1 877	42	286	1 583	1 588	45
Brazil	16 938	46	6 991	9 431	9 439	58
Chile	434	252	20	685	685	47
Uruguay	23	114	14	121	na	37
Oceania	5 888	322	4 725	1 410	1 202	42
Australia	5 387	39	4 332	1 108	913	50
New Zealand	33	243	61	205	198	53
Papua New Guinea	45	9	0	54	54	12
World	160 611	40 747	44 379	155 569	147 244	25

^a Annual average, 1996-98. Includes sugar (in raw equivalent terms from both sugar cane and sugar beet), honey and other sweeteners. ^b Takes account of stock changes. ^c Not including Middle East countries.

Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.5 Supply and consumption of pulses, by selected country a

	Domestic supply			Total b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	7 612	670	183	8 160	6 019	8
Egypt	545	158	12	701	525	8
Nigeria	1 987	0	0	1 987	1 060	10
South Africa	77	68	11	141	123	3
Asia c	25 721	2 274	2 031	26 014	19 392	6
China	4 581	271	547	4 305	1 952	2
India	13 208	839	96	13 951	11 524	12
Indonesia	878	49	7	921	802	4
Japan	107	165	0	327	302	2
Korea, Rep. of	33	44	0	77	73	2
Malaysia	0	77	2	75	74	4
Pakistan	1 105	195	15	1 286	895	6
Philippines	61	54	0	115	112	2
Thailand	337	5	31	312	276	5
Viet Nam	232	4	10	225	197	3
Europe	9 574	3 003	1 787	10 783	1 952	3
Austria	91	14	7	98	5	1
Belgium-Luxembourg	18	601	132	487	25	2
Czech Republic	124	17	61	80	20	2
Denmark	344	12	86	232	5	1
France	3 019	132	964	2 186	122	2
Germany	615	222	46	792	134	2
Greece	43	36	1	78	52	5
Italy	125	394	5	545	326	6
Malta	1	1	0	3	2	5
Netherlands	18	553	80	491	43	3
Norway	0	4	0	4	4	1
Poland	275	6	13	269	94	2
Portugal	32	44	6	70	45	5
Russian Federation	1 467	22	8	1 481	3	0
Slovenia	7	3	0	10	5	3
Spain	419	670	17	1 069	316	8
Sweden	144	6	3	147	12	1
Turkey	1 731	100	449	1 362	755	12
United Kingdom	669	173	189	653	329	6
Middle East						
Iran	600	6	9	597	491	8
Iraq	38	14	0	52	47	2
Kuwait	0	14	0	15	15	8
Saudi Arabia	8	63	1	70	68	4
United Arab Emirates	0	75	25	36	21	9

Continued

9.5 Supply and consumption of pulses, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	1 911	223	143	2 057	1 693	13
North America	5 562	358	2 153	3 636	2 657	7
Canada	2 341	52	1 426	771	172	6
Mexico	1 553	183	126	1 677	1 350	14
United States	1 668	123	601	1 188	1 135	4
South America	3 587	531	325	3 947	3 536	11
Argentina	325	8	265	86	52	1
Brazil	2 686	192	4	3 007	2 741	17
Chile	104	18	23	99	58	4
Uruguay	6	4	0	10	9	3
Oceania	2 330	24	1 165	1 276	156	6
Australia	2 272	12	1 134	1 242	135	7
New Zealand	52	4	31	21	9	2
Papua New Guinea	2	0	0	2	2	0
World	54 919	7 044	7 671	54 510	34 345	6

^a Annual average, 1996-98. Includes beans, peas and other pulses. ^b Takes account of stock changes. ^c Not including Middle East countries.

Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.6 Supply and consumption of vegetables, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	39 615	1 043	754	39 900	35 836	49
Egypt	11 940	7	228	11 730	10 541	163
Nigeria	5 890	3	2	5 891	5 192	50
South Africa	2 177	38	54	2 162	1 880	49
Asia ^c	407 934	6 359	7 414	406 896	364 000	103
China	240 606	808	3 290	238 124	215 278	172
India	55 724	3	459	55 268	51 760	54
Indonesia	5 370	191	83	5 479	5 041	25
Japan	13 180	2 380	12	15 548	14 145	112
Korea, Rep. of	10 924	276	46	11 154	9 621	210
Malaysia	507	550	318	739	726	35
Pakistan	4 472	94	39	4 528	4 356	30
Philippines	5 107	91	38	5 161	4 914	69
Thailand	2 730	23	357	2 396	2 170	36
Viet Nam	4 775	1	9	4 767	4 300	56
Europe	90 545	19 643	18 060	92 403	79 019	109
Austria	573	383	97	859	775	96
Belgium-Luxembourg	2 191	1 351	1 585	1 956	1 404	133
Czech Republic	559	329	20	868	800	78
Denmark	309	270	64	517	488	93
France	8 003	2 348	1 493	8 859	7 167	123
Germany	3 141	4 966	501	7 607	6 644	81
Greece	4 210	120	763	3 568	2 852	270
Italy	14 789	1 002	3 723	12 068	10 139	177
Malta	65	8	0	73	58	152
Netherlands	3 635	1 288	3 262	1 661	1 507	97
Norway	157	145	5	297	275	63
Poland	5 790	358	427	5 772	4 920	127
Portugal	2 258	186	436	2 007	1 762	179
Russian Federation	11 228	1 662	22	12 946	11 635	79
Slovenia	107	80	6	181	166	83
Spain	11 367	353	4 103	7 616	6 023	152
Sweden	300	442	42	700	641	72
Turkey	21 662	29	1 190	20 501	13 661	216
United Kingdom	3 062	2 652	268	5 448	4 944	84
Middle East						
Iran	12 950	1	117	12 835	11 340	176
Iraq	2 988	49	0	3 037	2 738	129
Kuwait	117	237	6	350	335	192
Saudi Arabia	2 286	520	81	2 725	2 479	127
United Arab Emirates	934	556	92	1 392	603	262

Continued

9.6 Supply and consumption of vegetables, by selected country ^a (continued)

	Domestic supply			Food consumption		
	Production	Imports	Exports	Total ^b	Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	9 645	356	3 707	6 293	5 758	45
North America	45 902	6 568	7 398	45 072	42 116	103
Canada	2 381	1 966	435	3 912	3 708	123
Mexico	8 221	222	3 099	5 344	4 888	52
United States	35 300	4 380	3 864	35 816	33 520	123
South America	17 805	913	1 334	17 384	14 916	45
Argentina	3 225	149	405	2 969	2 640	74
Brazil	6 649	541	121	7 070	6 331	39
Chile	2 592	12	609	1 995	1 508	103
Uruguay	148	36	3	182	158	49
Oceania	3 249	259	608	2 897	2 724	96
Australia	1 789	182	235	1 736	1 684	92
New Zealand	1 036	47	368	711	631	168
Papua New Guinea	378	4	0	382	344	76
World	607 677	35 022	36 235	606 750	540 605	93

^a Annual average, 1996-98. Does not include starchy roots. ^b Takes account of stock changes. ^c Not including Middle East countries.

Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.7 Supply and consumption of fruit, by selected country ^a

	Domestic supply				Food consumption	
	Production	Imports	Exports	Total ^b	Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	57 023	497	3 272	54 353	41 134	57
Egypt	5 987	69	152	5 889	5 288	82
Nigeria	8 363	2	0	8 364	7 482	72
South Africa	4 314	42	1 523	2 854	1 578	41
Asia ^c	171 963	10 467	10 965	171 594	151 207	43
China	52 916	2 384	1 657	53 643	47 128	38
India	38 145	204	255	38 094	33 096	34
Indonesia	7 913	173	279	7 807	7 095	35
Japan	4 101	3 203	17	7 288	6 309	50
Korea, Rep. of	2 436	741	50	3 127	2 905	64
Malaysia	1 085	405	287	1 203	1 036	49
Pakistan	5 418	111	215	5 314	5 087	35
Philippines	10 130	186	2 074	8 243	8 223	115
Thailand	7 142	65	1 192	6 015	5 439	91
Viet Nam	3 867	35	27	3 874	3 523	46
Europe	74 329	41 697	25 597	90 491	56 257	77
Austria	949	866	437	1 379	860	106
Belgium-Luxembourg	578	4 582	3 656	1 507	1 321	125
Czech Republic	492	648	212	929	780	76
Denmark	88	541	137	494	487	93
France	11 008	5 044	2 230	13 825	4 976	85
Germany	4 542	8 971	2 727	10 754	9 459	115
Greece	3 799	252	1 479	2 573	1 470	139
Italy	17 190	1 852	3 795	15 243	7 201	126
Malta	19	39	3	55	44	115
Netherlands	711	3 820	2 557	1 974	1 918	123
Norway	101	442	8	535	517	118
Poland	2 732	1 038	1 019	2 721	1 910	49
Portugal	1 718	482	109	2 091	1 140	116
Russian Federation	2 990	2 797	52	5 734	5 360	36
Slovenia	259	130	37	352	159	80
Spain	13 786	891	5 097	9 708	4 053	102
Sweden	93	849	50	892	853	96
Turkey	10 015	176	1 877	8 317	6 927	109
United Kingdom	314	4 971	246	5 038	4 889	83
Middle East						
Iran	10 737	48	874	9 911	8 866	137
Iraq	1 622	3	39	1 669	1 205	57
Kuwait	7	193	13	187	178	102
Saudi Arabia	1 131	969	148	1 952	1 882	97
United Arab Emirates	333	718	328	733	379	165

Continued

9.7 Supply and consumption of fruit, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	19 773	705	6 467	14 017	11 933	93
North America	43 788	15 986	8 977	50 959	45 066	111
Canada	738	3 431	398	3 780	3 677	122
Mexico	12 217	357	1 461	11 117	9 802	104
United States	30 833	12 198	7 118	36 062	31 587	116
South America	68 434	1 880	25 234	45 095	32 260	98
Argentina	6 695	530	1 522	5 707	3 349	94
Brazil	36 569	616	15 343	21 842	16 687	102
Chile	3 688	189	2 073	1 816	810	55
Uruguay	538	70	187	420	247	76
Oceania	4 927	499	1 089	4 319	3 045	107
Australia	2 697	241	492	2 416	1 585	87
New Zealand	997	228	584	653	439	117
Papua New Guinea	1 168	6	0	1 174	941	209
World	432 432	71 932	80 739	424 385	335 107	58

^a Annual average, 1996-98. Includes oranges, mandarines, lemons, limes, grapefruit, other citrus, bananas, plantations, apples (excluding cyder), pineapples, dates, grapes (excluding wine) and other fruit. ^b Takes account of stock changes. ^c Not including Middle East countries.

Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.8 Supply and consumption of meat, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	10 150	557	133	10 544	10 527	15
Egypt	1 193	128	1	1 311	1 311	20
Nigeria	1 187	7	0	1 194	1 194	12
South Africa	1 211	162	24	1 349	1 343	35
Asia ^c	82 023	5 652	2 152	85 472	85 166	24
China	53 995	1 498	1 491	54 024	53 992	43
India	4 628	0	182	4 446	4 446	5
Indonesia	1 990	25	8	2 008	2 013	10
Japan	3 019	2 453	6	5 452	5 346	42
Korea, Rep. of	1 615	317	108	1 807	1 779	39
Malaysia	994	120	15	1 099	1 064	51
Pakistan	2 131	0	0	2 131	2 131	15
Philippines	1 843	92	0	1 935	1 935	27
Thailand	1 911	4	203	1 712	1 693	28
Viet Nam	1 535	1	7	1 529	1 529	20
Europe	52 175	10 871	10 938	52 061	51 682	71
Austria	886	116	152	850	847	105
Belgium–Luxembourg	1 783	382	1 299	866	864	82
Czech Republic	840	42	31	852	841	82
Denmark	1 904	147	1 498	540	531	101
France	6 533	1 076	1 823	5 821	5 771	99
Germany	6 012	1 842	814	7 040	7 038	86
Greece	511	382	18	875	840	80
Italy	4 060	1 234	351	4 913	4 900	85
Malta	18	16	0	34	30	79
Netherlands	2 863	480	1 825	1 498	1 475	95
Norway	257	9	5	261	261	59
Poland	2 922	118	343	2 691	2 640	68
Portugal	689	149	21	816	814	83
Russian Federation	4 953	2 325	36	7 298	7 275	49
Slovenia	187	33	33	187	187	94
Spain	4 355	290	451	4 107	4 105	104
Sweden	584	86	62	607	604	68
Turkey	1 204	7	10	1 200	1 200	19
United Kingdom	3 643	1 335	614	4 364	4 364	74
Middle East						
Iran	1 421	81	3	1 499	1 499	23
Iraq	111	2	0	113	113	5
Kuwait	72	68	2	119	118	68
Saudi Arabia	579	350	25	903	904	46
United Arab Emirates	86	175	26	186	175	76

Continued

9.8 Supply and consumption of meat, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	4 697	661	121	5 237	5 234	41
North America	42 364	2 524	4 919	40 025	39 776	98
Canada	3 319	427	847	2 890	2 784	92
Mexico	3 911	608	59	4 460	4 461	47
United States	35 134	1 489	4 013	32 675	32 531	120
South America	21 477	443	1 767	20 152	19 549	59
Argentina	3 643	131	454	3 320	2 997	84
Brazil	12 184	129	957	11 356	11 354	69
Chile	815	93	32	875	873	60
Uruguay	574	7	276	303	304	93
Oceania	4 778	137	2 300	2 634	2 543	89
Australia	3 335	20	1 398	1 957	1 937	106
New Zealand	1 334	25	899	479	414	110
Papua New Guinea	67	49	1	116	116	26
World	214 444	20 453	22 275	212 570	210 904	36

^a Annual average, 1996-98. Includes beef and veal, mutton, goat meat, pigmeat, poultry meat and other meat and offal. ^b Takes account of stock changes. ^c Not including Middle East countries.
Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.9 Supply and consumption of eggs, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	1 774	17	7	1 784	1 475	2
Egypt	166	0	0	166	135	2
Nigeria	341	1	0	342	301	3
South Africa	295	0	4	291	233	6
Asia ^c	29 824	237	187	29 881	26 863	8
China	19 969	93	68	19 994	18 157	15
India	1 614	0	22	1 596	1 387	1
Indonesia	693	1	0	694	557	3
Japan	2 559	39	0	2 597	2 473	20
Korea, Rep. of	470	4	0	474	422	9
Malaysia	389	2	29	362	297	14
Pakistan	285	0	0	285	233	2
Philippines	560	1	0	561	517	7
Thailand	760	1	6	755	589	10
Viet Nam	161	1	5	157	146	2
Europe	9 523	772	803	9 500	8 742	12
Austria	99	21	4	116	112	14
Belgium–Luxembourg	228	54	112	170	149	14
Czech Republic	173	5	10	168	155	15
Denmark	86	19	15	90	79	15
France	1 004	78	75	1 009	914	16
Germany	849	313	72	1 090	1 034	13
Greece	118	4	1	122	109	10
Italy	770	28	11	787	725	13
Malta	7	0	0	7	6	15
Netherlands	609	61	372	298	258	17
Norway	48	3	2	48	45	10
Poland	408	8	1	415	390	10
Portugal	105	6	3	107	92	9
Russian Federation	1 833	19	4	1 848	1 763	12
Slovenia	23	1	2	22	19	10
Spain	637	10	26	622	559	14
Sweden	108	9	5	112	105	12
Turkey	729	1	26	704	644	10
United Kingdom	633	33	19	647	572	10
Middle East						
Iran	496	5	0	501	427	7
Iraq	23	2	0	25	21	1
Kuwait	13	12	1	24	21	12
Saudi Arabia	129	4	14	120	86	4
United Arab Emirates	14	21	1	34	30	13

Continued

9.9 Supply and consumption of eggs, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	1 608	23	11	1 620	1 381	11
North America	6 291	56	136	6 214	5 226	13
Canada	335	39	9	365	324	11
Mexico	1 342	12	1	1 354	1 142	12
United States	4 614	5	126	4 495	3 760	14
South America	2 677	12	13	2 676	2 204	7
Argentina	249	3	2	251	215	6
Brazil	1 508	3	5	1 506	1 240	8
Chile	95	0	2	93	70	5
Uruguay	32	0	1	32	26	8
Oceania	249	2	2	249	212	7
Australia	193	1	1	193	166	9
New Zealand	44	0	1	44	36	10
Papua New Guinea	4	0	0	4	3	1
World	50 762	1 115	1 157	50 734	45 098	8

^a Annual average, 1996-98. ^b Takes account of stock changes. ^c Not including Middle East countries.
Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.10 Supply and consumption of seafood, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	5 683	2 157	1 362	2 888	5 203	7
Egypt	411	270	1	680	641	10
Nigeria	374	267	8	0	628	6
South Africa	489	744	149	1 084	291	8
Asia ^c	67 343	18 555	6 382	77 302	62 031	18
China	35 074	7 778	2 355	40 515	31 745	25
India	5 337	72	393	5 017	4 511	5
Indonesia	4 332	650	653	4 329	3 676	18
Japan	6 680	5 528	388	11 820	8 527	68
Korea, Rep. of	2 619	1 005	678	2 947	2 294	50
Malaysia	1 222	433	183	1 472	1 127	54
Pakistan	583	0	102	0	292	2
Philippines	2 133	744	177	2 701	2 150	30
Thailand	3 467	704	947	3 225	1 947	33
Viet Nam	1 506	34	183	1 356	1 301	17
Europe	19 034	18 728	15 753	19 623	14 174	20
Austria	3	190	11	182	114	14
Belgium–Luxembourg	31	636	203	465	215	20
Czech Republic	21	179	14	0	116	11
Denmark	1 818	1 192	2 162	0	128	24
France	836	1 901	551	2 186	1 720	29
Germany	316	2 809	1 800	1 327	1 205	15
Greece	210	312	69	455	280	27
Italy	565	1 408	229	1 744	1 351	24
Malta	3	25	2	0	15	39
Netherlands	537	1 085	1 066	580	250	16
Norway	3 135	735	2 422	1 468	223	51
Poland	383	320	255	0	512	13
Portugal	241	578	127	694	595	60
Russian Federation	4 719	1 058	1 565	4 279	3 095	21
Slovenia	3	32	3	0	14	7
Spain	1 338	1 742	814	2 270	1 626	41
Sweden	369	312	349	0	250	28
Turkey	518	254	57	716	473	8
United Kingdom	1 012	2 331	818	2 529	1 294	22
Middle East						
Iran	381	442	7	0	311	5
Iraq	34	4	0	0	35	2
Kuwait	8	13	1	0	21	12
Saudi Arabia	53	120	2	0	133	7
United Arab Emirates	112	20	8	0	67	29

Continued

9.10 Supply and consumption of seafood, by selected country ^a (continued)

	Domestic supply			Food consumption		
	Production	Imports	Exports	Total ^b	Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	1 776	226	468	1 390	1 137	9
North America	7 930	3 798	2 738	9 031	7 334	18
Canada	1 007	924	892	1 060	682	23
Mexico	1 516	115	311	1 320	1 012	11
United States	5 407	2 759	1 535	6 651	5 640	21
South America	18 503	1 038	15 113	4 416	3 312	10
Argentina	1 318	47	949	419	404	11
Brazil	811	478	38	1 251	1 148	7
Chile	6 308	38	4 973	1 377	275	19
Uruguay	132	19	112	39	25	8
Oceania	999	488	703	768	594	21
Australia	219	408	129	499	370	20
New Zealand	611	13	508	124	85	23
Papua New Guinea	42	33	2	72	67	15
World	119 937	45 087	42 239	114 244	93 136	16

^a Annual average, 1996-98. Includes freshwater fish, demersal fish, pelagic fish, other marine fish, crustaceans, cephalopods and other molluscs. ^b Takes account of stock changes. ^c Not including Middle East countries.
Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.11 Supply and consumption of milk, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	25 044	4 885	368	29 562	26 835	37
Egypt	3 276	301	8	3 446	2 732	42
Nigeria	366	1 048	1	1 413	1 321	13
South Africa	2 826	166	215	2 777	2 660	69
Asia ^c	150 675	12 821	1 098	162 433	134 229	38
China	10 251	1 844	492	11 604	10 117	8
India	71 366	9	59	71 316	59 677	62
Indonesia	736	592	35	1 293	1 214	6
Japan	8 625	2 169	10	10 784	8 583	68
Korea, Rep. of	2 021	188	6	2 203	1 015	22
Malaysia	44	1 288	129	1 203	1 110	53
Pakistan	20 969	106	1	21 075	16 803	117
Philippines	28	1 357	2	1 384	1 350	19
Thailand	372	1 155	72	1 455	1 429	24
Viet Nam	69	337	0	406	404	5
Europe	218 881	36 527	50 508	204 563	150 196	206
Austria	3 148	473	818	2 872	2 185	270
Belgium-Luxembourg	3 613	3 325	3 729	3 144	2 452	233
Czech Republic	2 838	92	514	2 416	1 943	189
Denmark	4 665	371	2 763	2 248	1 202	229
France	25 647	2 937	8 210	20 216	14 883	255
Germany	28 642	6 034	12 071	22 604	19 937	243
Greece	1 879	1 138	81	2 936	2 689	255
Italy	12 409	6 812	1 232	17 922	14 604	255
Malta	46	55	0	100	76	198
Netherlands	11 045	5 095	7 451	8 685	5 397	346
Norway	1 887	29	225	1 691	1 205	274
Poland	12 140	480	1 729	10 857	7 387	191
Portugal	1 894	310	256	1 948	1 882	191
Russian Federation	34 403	1 875	1 302	34 975	21 597	146
Slovenia	587	24	86	525	448	225
Spain	6 728	1 811	512	8 077	6 513	164
Sweden	3 270	361	227	3 404	3 073	347
Turkey	10 299	93	22	10 370	8 408	133
United Kingdom	14 764	3 037	2 028	15 863	13 694	233
Middle East						
Iran	4 946	107	0	5 053	3 374	52
Iraq	527	42	0	569	521	25
Kuwait	37	303	8	313	313	179
Saudi Arabia	737	1 123	141	1 718	1 681	86
United Arab Emirates	68	317	10	400	362	157

Continued

9.11 *Supply and consumption of milk, by selected country a (continued)*

	Domestic supply			Food consumption		
	Production	Imports	Exports	Total b	Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	10 465	2 665	176	12 959	11 794	92
North America	87 038	7 145	2 249	91 714	85 143	209
Canada	8 063	345	795	7 620	6 175	204
Mexico	8 285	2 175	73	10 387	9 287	99
United States	70 690	4 625	1 381	73 707	69 681	256
South America	44 073	3 832	1 591	46 311	40 764	123
Argentina	9 418	156	989	8 585	8 070	226
Brazil	20 581	1 979	30	22 529	20 119	123
Chile	2 028	216	82	2 162	1 781	122
Uruguay	1 433	10	441	1 010	609	187
Oceania	20 123	481	12 333	8 147	5 589	196
Australia	9 340	341	4 982	4 773	4 499	246
New Zealand	10 717	33	7 351	3 202	966	257
Papua New Guinea	0	26	0	26	26	6
World	549 189	67 038	68 287	547 333	447 181	77

a Annual average, 1996-98. Excluding butter. b Takes account of stock changes. c Not including Middle East countries.
Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.12 Supply and consumption of vegetable oils, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	5 102	3 371	645	7 840	6 310	9
Egypt	120	769	8	820	422	7
Nigeria	1 799	114	42	1 872	1 704	16
South Africa	386	453	52	791	499	13
Asia ^c	40 094	13 713	15 813	37 102	28 124	8
China	8 664	4 129	1 195	12 000	9 091	7
India	7 111	2 019	251	8 638	7 390	8
Indonesia	6 673	139	3 492	2 994	1 751	9
Japan	1 829	692	30	2 491	1 605	13
Korea, Rep. of	279	452	30	701	487	11
Malaysia	9 921	245	8 948	1 027	272	13
Pakistan	522	1 259	3	1 724	1 591	11
Philippines	1 465	66	1 057	474	335	5
Thailand	701	81	81	664	343	6
Viet Nam	168	137	26	250	153	2
Europe	14 706	11 765	9 663	16 495	10 740	15
Austria	101	172	73	201	143	18
Belgium–Luxembourg	678	930	1 066	562	234	22
Czech Republic	215	103	86	232	170	17
Denmark	152	356	204	304	37	7
France	1 219	1 164	866	1 461	969	17
Germany	2 643	1 798	2 001	2 443	1 453	18
Greece	604	148	193	510	296	28
Italy	1 153	1 098	471	1 749	1 462	26
Malta	0	8	0	8	3	8
Netherlands	1 266	1 756	2 300	818	254	16
Norway	60	49	8	102	62	14
Poland	366	342	76	627	483	13
Portugal	258	149	123	268	169	17
Russian Federation	834	776	39	1 577	1 158	8
Slovenia	1	62	20	44	21	11
Spain	2 149	593	823	1 472	1 071	27
Sweden	114	207	140	180	143	16
Turkey	1 028	706	318	1 333	1 290	20
United Kingdom	958	1 151	360	1 750	1 032	18
Middle East						
Iran	116	900	189	787	689	11
Iraq	24	413	0	472	453	21
Kuwait	1	47	4	32	19	11
Saudi Arabia	9	274	18	265	253	13
United Arab Emirates	0	164	42	127	25	11

Continued

9.12 Supply and consumption of vegetable oils, by selected country ^a (continued)

	Domestic supply				Food consumption	
	Production	Imports	Exports	Total ^b	Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	1 303	903	194	2 013	1 382	11
North America	12 632	2 768	3 377	11 852	8 225	20
Canada	1 632	306	785	1 164	580	19
Mexico	982	671	63	1 592	1 119	12
United States	10 018	1 791	2 529	9 096	6 526	24
South America	10 230	1 261	5 268	5 712	4 203	13
Argentina	4 412	35	3 512	532	547	15
Brazil	4 324	413	1 409	3 244	2 171	13
Chile	23	196	22	191	169	12
Uruguay	22	22	7	43	27	8
Oceania	661	313	476	518	407	14
Australia	285	212	93	418	337	18
New Zealand	2	67	18	52	35	9
Papua New Guinea	327	13	324	24	16	4
World	83 823	33 758	35 393	80 342	58 591	10

^a Annual average, 1996-98. From soyabeans, groundnuts, sunflowerseed, rapeseed, mustardseed, cottonseed, palm kernels, palm, copra, sesameseed, olives, maize germ and other oil crops. ^b Takes account of stock changes. ^c Not including Middle East countries.

Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

9.13 Supply and consumption of animal fats, by selected country ^a

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Africa	462	498	36	937	592	1
Egypt	105	105	0	211	147	2
Nigeria	44	60	0	104	48	1
South Africa	47	74	13	109	47	1
Asia ^c	6 502	1 502	172	7 850	5 930	2
China	2 615	486	114	2 994	2 301	2
India	1 719	4	4	1 718	1 548	2
Indonesia	97	14	4	108	107	1
Japan	443	217	9	651	281	2
Korea, Rep. of	120	97	4	214	136	3
Malaysia	20	20	1	38	35	2
Pakistan	542	65	0	607	542	4
Philippines	120	45	1	165	111	2
Thailand	34	23	1	56	49	1
Viet Nam	67	27	0	94	94	1
Europe	11 967	3 557	3 221	12 351	8 298	11
Austria	257	22	51	229	155	19
Belgium–Luxembourg	493	522	402	616	285	27
Czech Republic	231	22	31	222	98	10
Denmark	410	142	235	292	144	27
France	1 256	458	416	1 302	1 118	19
Germany	2 147	363	479	2 104	1 759	21
Greece	102	31	5	129	39	4
Italy	572	294	121	741	603	11
Malta	3	2	0	5	4	10
Netherlands	522	418	443	481	129	8
Norway	169	203	67	299	71	16
Poland	750	15	44	714	523	14
Portugal	126	21	20	128	113	12
Russian Federation	1 337	282	10	1 610	1 061	7
Slovenia	43	4	4	44	26	13
Spain	580	213	64	729	153	4
Sweden	222	18	54	186	168	19
Turkey	151	189	11	329	129	2
United Kingdom	439	354	224	589	447	8
Middle East						
Iran	175	37	0	212	na	2
Iraq	11	6	0	19	na	1
Kuwait	3	4	4	6	na	3
Saudi Arabia	14	26	6	34	na	2
United Arab Emirates	3	16	8	10	na	4

Continued

9.13 Supply and consumption of animal fats, by selected country ^a (continued)

	Domestic supply			Total ^b	Food consumption	
	Production	Imports	Exports		Volume	Per person
	kt	kt	kt	kt	kt	kg
Central America	344	654	15	984	417	3
North America	7 714	776	2 012	6 484	2 372	6
Canada	864	125	312	677	412	14
Mexico	274	512	4	781	339	4
United States	6 576	139	1 696	5 026	1 621	6
South America	2 075	305	450	1 940	903	3
Argentina	291	46	72	267	160	5
Brazil	841	42	20	863	396	2
Chile	265	32	69	228	32	2
Uruguay	68	4	51	27	15	5
Oceania	1 248	49	963	306	192	7
Australia	692	18	517	194	116	6
New Zealand	549	8	446	84	56	15
Papua New Guinea	3	10	0	13	10	2
World	30 071	6 943	6 859	30 222	18 426	3

^a Annual average, 1996-98. Includes butter, ghee, cream, raw animal fats, fish body oil and fish liver oil. ^b Takes account of stock changes. ^c Not including Middle East countries. ^{na} Not available.
 Source: Food and Agriculture Organisation, FAOSTAT nutrition data.

10 Selected economic and demographic information by key countries

	2000					1999		
	Population ^a		Age structure (in years) ^a			Gross domestic product ^b		
	Growth rate		0-14	15-64	65+	Per person	Agriculture contribution	
million	%	%	%	%	US\$b	US\$	%	
Africa								
Egypt	68.4	1.7	35	61	4	200	3 000	17.0
Nigeria	123.3	2.7	44	53	3	111	970	33.0
South Africa	43.4	0.5	33	63	5	296	6 900	5.0
Asia ^c								
China	1261.8	0.9	25	68	7	4 800	3 800	15.0
Chinese Taipei	22.2	0.8	22	70	8	357	16 100	3.0
India	1.0	1.6	34	62	4	1 805	1 800	25.0
Indonesia	224.7	1.6	31	65	5	610	2 800	21.0
Japan	126.6	0.2	15	68	17	2 950	23 400	2.0
Korea, Rep. of	47.5	0.9	22	71	7	626	13 300	5.0
Malaysia	21.8	2.0	35	61	4	229	10 700	12.0
Pakistan	141.6	2.2	41	55	4	282	2 000	25.2
Philippines	81.2	2.1	37	59	4	282	3 600	20.0
Thailand	61.2	0.9	24	70	6	389	6 400	12.0
Viet Nam	78.8	1.5	33	62	5	143	1 850	26.0
Europe								
Austria	8.1	0.3	17	68	15	190	23 400	1.4
Belgium-Luxembourg	10.2	0.2	17	66	16	243	23 900	1.4
Czech Republic	10.3	-0.1	16	70	14	121	11 700	5.0
Denmark	5.3	0.3	18	67	15	128	23 800	4.0
France	59.3	0.4	19	65	16	1 373	23 300	3.3
Germany	82.8	0.3	16	68	16	1 864	22 700	1.2
Greece	10.6	0.2	15	67	17	149	13 900	8.3
Italy	57.6	0.1	14	68	18	1 212	21 400	2.6
Malta	0.4	0.7	20	67	13	5	13 800	3.0
Netherlands	15.9	0.6	18	68	14	365	23 100	3.2
Norway	4.5	0.5	20	65	15	111	25 100	2.2
Poland	38.7	0.0	19	69	12	277	7 200	5.0
Portugal	10.1	0.2	17	68	15	151	15 300	4.0
Russian Federation	146.0	-0.4	18	69	13	620	4 200	8.4
Slovenia	1.9	0.1	16	69	15	21	10 900	4.0
Spain	40.0	0.1	15	68	17	678	17 300	3.2
Sweden	8.9	0.0	18	64	18	184	20 700	2.2
Turkey	65.7	1.3	29	65	6	409	6 200	18.0
United Kingdom	59.5	0.3	19	65	16	1 290	21 800	1.7
Middle East								
Iran	65.6	0.8	34	61	5	348	5 300	21.0
Iraq	22.7	2.9	42	55	3	60	2 700	6.0
Kuwait	2.0	3.4	29	68	2	45	22 500	0.0
Saudi Arabia	22.0	3.3	43	55	2	191	9 000	6.0
United Arab Emirates	2.4	1.6	30	68	2	42	17 700	3.0

Continued

10 *Selected economic and demographic information by key countries*

Continued

	2000					1999		
	Population ^a		Age structure (in years) ^a			Gross domestic product ^b		
	Growth rate		0-14	15-64	65+	US\$b	Per person	Agriculture contribution
million	%	%	%	%	US\$b	US\$	%	
North America								
Canada	31.3	1.0	19	68	12	722	23 300	3.0
Mexico	100.3	1.5	34	62	4	866	8 500	5.0
United States	275.6	0.9	21	66	13	9 255	33 900	2.0
South America								
Argentina	36.7	1.2	27	63	10	367	10 000	7.0
Brazil	172.9	0.9	29	66	5	1 057	6 150	14.0
Chile	15.2	1.2	28	65	7	185	12 400	6.0
Uruguay	3.3	0.8	24	63	13	28	8 500	10.0
Oceania								
Australia	19.2	1.0	21	67	12	416	22 200	3.0
New Zealand	3.8	1.2	23	66	11	64	17 400	8.0
Papua New Guinea	4.9	2.5	39	58	3	12	2 500	25.0
World	6 080.7	1.3	30	63	7	40 700	6 800	na

^a 2000 estimate. ^b Purchasing power parity, 1999 estimate. ^c Not including Middle East countries.
 Source: Central Intelligence Agency, *World Factbook 1999*.