



Australian fisheries statistics

2007



June 2008

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ISSN 1037-6879

ABARE 2008, *Australian Fisheries Statistics 2007*, Canberra, June.

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Acknowledgments

Roslyn Wood, Laura Hohnen and Alistair Peat prepared this report. The assistance of officers from state fisheries departments and the Australian Fisheries Management Authority, researchers and various industry representatives is gratefully acknowledged. The Australian Bureau of Statistics supplied the trade data.

Funding for this report was provided by the Fisheries Research and Development Corporation and the Australian Government Department of Agriculture, Fisheries and Forestry.

Foreword

Australian Fisheries Statistics is designed to meet the needs of the fishing industry and fisheries managers, policy-makers and researchers. ABARE has published detailed production and trade data in this series since 1991. The estimates of the gross value of production provided in the report are used for a range of purposes — for example, to determine Commonwealth, state and territory fisheries research funding arrangements each year.

This report contains data on the volume and value of production from state and Commonwealth fisheries, and on the volume and value of Australian fisheries trade, by destination, source and product, for the three years to 2006-07. The report also contains a profile of Commonwealth and state fisheries and state aquaculture for 2007, covering selected species, fishing method and number of licence holders.

Australian Fisheries Statistics is part of a suite of ABARE publications that provide a comprehensive account of historical trends in, and the outlook for, Australian fisheries. *Australian Commodity Statistics* provides a historical series of production and trade statistics for fisheries and a range of other commodities. *Australian Commodities* includes forecasts for major fisheries commodities that are updated each quarter. Detailed analysis of the economic performance of selected fisheries is provided in the annual *Australian Fisheries Survey Report*. An assessment of the economic performance of all fisheries managed by the Australian Fisheries Management Authority is provided in the annual *Fishery Economic Status Report*.



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Definitions and explanations

Australian merchandise exports: are valued on a free on board (fob) basis at the Australian port of export. The costs of freight, insurance and other distributive services beyond the Australian customs border are not included.

Australian merchandise imports: are valued on a customs value for duty (vfd) basis that is identical to a free on board (fob) basis. The customs vfd is the price actually paid at the port of origin, including inland freight and insurance costs incurred in delivering the commodity to the port of origin. The freight and insurance costs of delivering the commodity(s) to the Australian port of destination are excluded.

Accounting of international merchandise trade: the valuation of Australian merchandise exports and imports used in the accounting of international trade in the Australian Balance of Payments and the international trade statistical system are in accordance with the definitions published in the harmonised international standards determined by the International Monetary Fund, *Balance of Payments Manual* (version 5), 1993 and the United Nations, *System of National Accounts*, 1993.

Aquaculture production is the liveweight quantity of product produced and marketed by aquaculturists.

Aquaculture value is the assessed value received by aquaculturists on the basis of an at 'farm-gate' equivalent, for product marketed.

Export quantity data are supplied by the Australian Bureau of Statistics on the basis of the net product weight exported.

Export value data are supplied by the Australian Bureau of Statistics on the basis of free on board value.

Import quantity data are supplied by the Australian Bureau of Statistics on the basis of the net product weight imported.

Import value data are supplied by the Australian Bureau of Statistics on the basis of product cost. The value excludes insurance and freight costs in delivering the commodity to Australia from the port of origin but may include inland freight and insurance costs incurred in delivering the commodity to the port of origin.

abbreviations and symbols

kg	kilogram
t	tonne
kt	kilotonne
\$	dollar (Australian)
\$'000	thousand dollars (Australian)
\$m	million dollars (Australian)
\$b	billion dollars (Australian)
fob	free on board
AFZ	Australian Fishing Zone
na	not available
nei	not elsewhere included

Definitions and explanations

Production quantity is a measure of the quantity of fish product landed by fishery, usually on the basis of catch records.

Production value is the assessed value at the point of landing for the quantity produced and excludes transport and marketing costs.

Products consist of fisheries products marketed for human consumption plus non-edible fisheries products.

Seafood is any fish or other aquatic plant or animal intended for human consumption; it excludes non-edible fisheries products.

Southern bluefin tuna

Southern bluefin tuna sold from aquaculture farms in South Australia is reported at its market value. However, the input quantity and value of those tuna is also included as a production output from the Commonwealth's southern bluefin tuna fishery. To avoid double counting, the input quantity and value is netted out of Australian totals.

'Reals' and rounding

'Real' 2006-07 dollars refers to the conversion of nominal dollar values to take account of inflation. Real dollars are typically applied when values are compared over time, while year-to-year comparisons are typically expressed in nominal terms. Changes are expressed in nominal terms unless stated otherwise.

Small discrepancies in totals are generally caused by the rounding components. A dash (-) is used to denote a nil or negligible amount.

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Production

Fast facts

In 2006-07

- The total volume of Australian fisheries production fell by 2 per cent to 240 000 tonne.
- The gross value of production increased by 2 per cent in nominal terms to \$2.18 billion, although in real terms it fell by 1 per cent.
- Western Australia accounted for the largest share of production value (22 per cent), followed by Tasmania (22 per cent) and South Australia (18 per cent).
- The gross value of aquaculture production rose by 7 per cent in nominal terms to \$793 million. Aquaculture now accounts for approximately one-third of Australia's gross value of fisheries production.

Top 5 by volume

Australian sardines: 33 000 tonne
salmonids: 25 300 tonne
prawns: 20 600 tonne
rock lobster: 13 700 tonne
tuna: 13 100 tonne

Top 5 by value

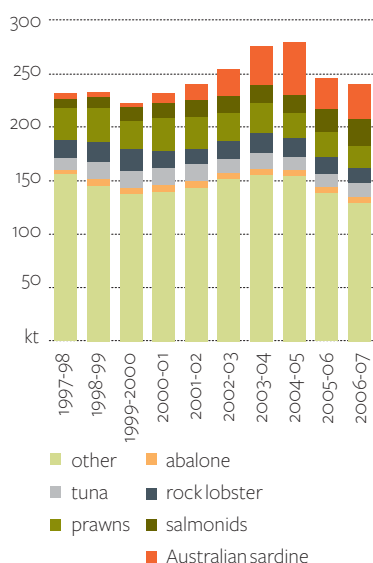
rock lobster: \$441 million
salmonids: \$281 million
prawns: \$265 million
abalone: \$216 million
tuna: \$161 million

Since 1999-2000

- The total volume of fisheries production has increased by 17 500 tonne (8 per cent), while the real gross value of production has fallen by \$0.8 billion (26 per cent).
- The increase in production volume is largely the result of growth in the production of Australian sardines.
- The driving factor behind the fall in production value has been the decline in the value of rock lobster, prawns, abalone and tuna. The combined value of these four species has fallen by \$0.7 billion (in real terms) over this period.
- Farmed salmonids from Tasmania have emerged as a key production species in terms of both volume and value, surpassing tuna as Australia's most valuable finfish species group.

Production, by species

a Volume of Australian fisheries production

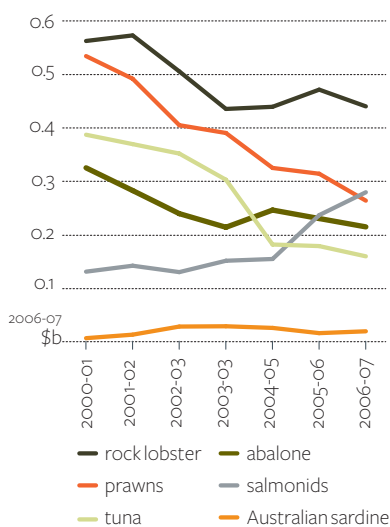


The gross volume and value of Australian fisheries production, by species, is presented in tables 3–5. Production and value summaries are also presented in table 2 (wildcatch sector), tables 7–14 (individual jurisdictions) and tables 15–17 (aquaculture sector).

Despite changes to management arrangements in many jurisdictions, the volume of Australian fisheries production over the past decade has remained relatively stable, particularly for key species such as rock lobster and abalone. In 2006-07, the total volume of Australian fisheries production was 240 000 tonne, approximately 3 per cent (7900 tonne) higher than in 1997-98.

There have, however, been changes to the species composition of Australian fisheries production over this period. Of particular note is the strong growth that has occurred in the production of Australian sardines (figure a). Predominantly caught in South Australian waters and used as feed in southern bluefin tuna aquaculture, production in the South Australian sardine fishery rose by more than 1000 per cent between 1999-2000 and 2004-05, from 3.8 kilotonne to 48.9 kilotonne. In 2006-07, Australian sardines accounted for 14 per cent of total fisheries production. Farmed salmonids, comprising salmon and trout species, have also emerged as a key species group in recent years, accounting for 11 per cent of total fisheries production in 2006-07.

b Real value of Australian fisheries production of key species



As a very low-value species, the growth in sardine production has had a negligible impact on the gross value of fisheries production (figure b). In contrast, the increase in production of farmed salmonids, combined with higher unit prices, has resulted in a \$158 million increase (in real terms) in the value of this species group since 1999-2000. In 2006-07, farmed salmonids were valued at \$281 million, surpassing tuna as Australia’s most valuable finfish species group.

However, the increase in the production value of salmonids has not been sufficient to offset a decline in the gross value of Australian fisheries production. After reaching a peak of \$2.96 billion (in real terms) in 1999-2000, the gross value of Australian fisheries production fell by 26 per cent, dropping to a 10 year low of \$2.18 billion in 2006-07 (figure c).

Driving this decline were reductions in the value of other key species, particularly rock lobster, prawns, abalone and tuna. The combined value of these four species, which typically account for at least half of Australia’s gross value of fisheries production, has fallen by 39 per cent (\$0.7 billion) since 1999-2000 (figure b). This is largely the result of falling unit prices (figure d). Since the production of these species is export-oriented, prices are strongly influenced by exchange rate movements. The strength of the Australian

Production

dollar against the currencies of major trading partners, particularly the US dollar and the Japanese yen, has reduced the competitiveness of Australian fisheries exports in recent years (box 1).

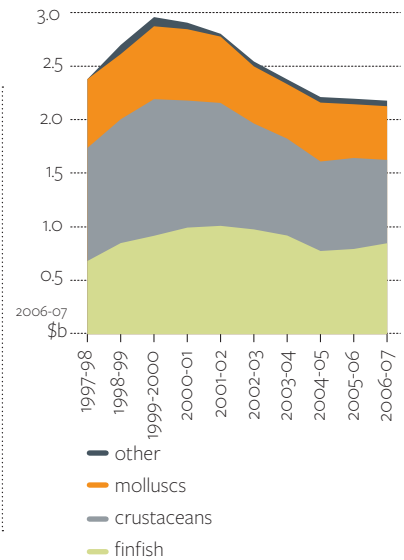
box 1 Exchange rates and unit prices

Because Australia is a small producer and exporter of fisheries products, prices received by Australian producers are generally set on world markets in foreign currencies. Other things being equal, a depreciating Australian dollar results in producers receiving a higher export price in Australian dollar terms, while an appreciating Australian dollar results in a lower export price.

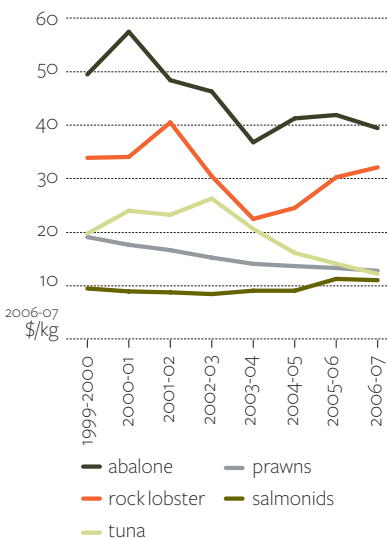
In recent years, the strong appreciation of the Australian dollar has simultaneously made exports less competitive and imports more attractive to domestic consumers. In 2006-07, the Australian dollar continued to appreciate against the US dollar and the Japanese yen, rising by 5 per cent and 9 per cent respectively (figure e). These exchange rate increases may partially explain changes in the unit value of fisheries products in 2006-07.

In 2006-07, rock lobster remained Australia's highest value individual catch, valued at \$441 million, followed by salmonids (\$281 million), prawns (\$265 million), abalone (\$216 million) and tuna (\$161 million) (figure f). Australian sardines accounted for the highest individual catch by volume (14 per cent), followed by salmonids (11 per cent), prawns (9 per cent) and rock lobster (6 per cent).

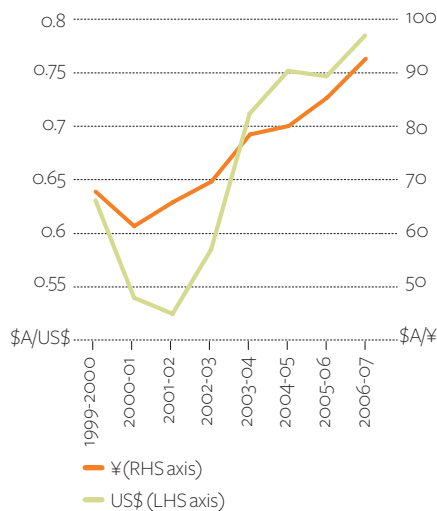
C Real gross value of Australian fisheries production



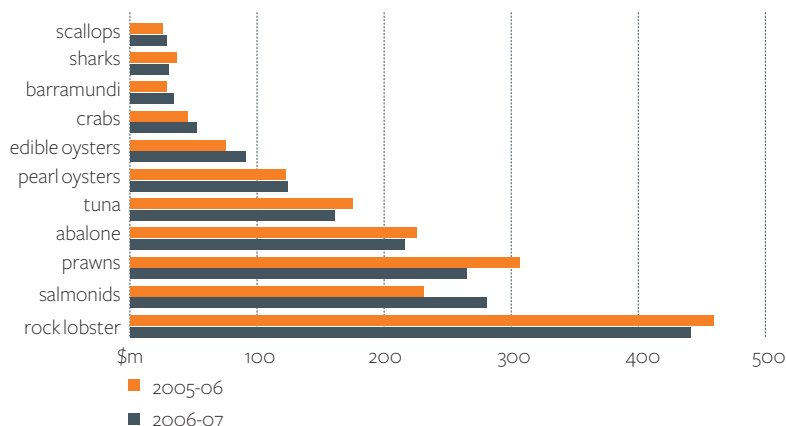
d Real unit prices for key species



e US-Australian and Yen-Australian exchange rates



f Value of Australian fisheries production, by product



Rock lobster

Key jurisdictions: Western Australia (w), South Australia (w) and Tasmania (w)

In 2006-07 the gross value of rock lobster production fell by \$17.9 million (4 per cent) to \$441 million. Driving this decline was a 12 per cent (1900 tonne) fall in production. Approximately two-thirds of Australia’s rock lobster production is from Western Australia. However, in recent years, production in that state’s rock lobster fishery has declined because of prevailing El Niño conditions (Chubb and Barker 2005). In 2006-07, the volume and value of Western Australia’s rock lobster production fell by 1800 tonne and \$45.5 million.

The impact of this decline on the gross value of rock lobster production was partially offset by higher unit prices in 2006-07, particularly in Australia’s other main rock lobster fisheries in South Australia (17 per cent of total catch in 2006-07) and Tasmania (11 per cent). Production values in these two states increased by \$15.6 million and \$6.5 million respectively in 2006-07.

The majority of rock lobster production is exported. Major export markets include Hong Kong, Japan and the United States. Prices in overseas markets have recently risen because of stronger demand, which is the result of increased promotion and a reduction in supply from competing producers. However, the effect of these higher unit prices on Australian producers’ incomes has been somewhat dampened by the relatively high value of the Australian dollar. Although domestic prices for rock lobster have recovered in recent years, they are still approximately 20 per cent lower in real terms than in 2001-02 (figure d).

Production

Salmonids

Key jurisdictions: Tasmania (aquaculture)

In 2005-06, farmed salmonids emerged as a key production species, overtaking tuna as Australia's most valuable finfish species group. The value of farmed salmonids continued to rise in 2006-07, increasing by a further \$49.5 million to \$281 million. This increase is the result of several years of rapid growth in production, mostly in Tasmania. Between 2002-03 and 2006-07, Tasmanian farmed salmonid production increased by 74 per cent (10 000 tonne) in volume and 130 per cent (\$154 million) in real value. In 2006-07, more than 23 600 tonne of salmonids, mostly comprised of Atlantic salmon, was produced in Tasmania, worth an estimated \$272 million.

Unlike the majority of Australia's key species which are export oriented, Tasmania supplies most of its salmonids to the domestic market. A key factor contributing to its rapid growth in recent years has been the focus on marketing salmon to Australian consumers. Another factor behind the sector's strong growth is the role of research and development, which has allowed the sector to adopt improved feeding techniques and apply better disease control measures.

Prawns

Key jurisdictions: Queensland (w,a), Commonwealth northern and Torres Strait prawn fisheries (w) and South Australia (w)

The gross value of prawn production continued to decline in 2006-07, falling \$41.3 million to \$265 million. This was largely the result of declining catches in the Queensland wildcatch sector, which fell by 1600 tonne (24 per cent), as well as lower catches in Western Australia and the Commonwealth's northern and Torres Strait prawn fisheries.

Since 2000-01, the real value of Australian prawn production has fallen by 50 per cent or \$270 million (figure b). This is the result of a decline in overall production quantity, the effect of which has been compounded by falling unit prices. In particular, production in Australia's two main prawn fisheries — the northern prawn fishery and the Queensland trawl fishery — has fallen by 47 per cent (4390 tonne) and 28 per cent (1950 tonne) respectively over this period. Meanwhile, average real prawn prices have fallen by 27 per cent. However, in the northern prawn fishery prices have fallen much more than the average, declining by 38 per cent.

A key factor contributing to this decline has been the appreciation of the Australian dollar, which has resulted in local producers facing strong competition from imported prawns, particularly from Viet Nam and China. Over the 10 years to 2006-07, the quantity of imported prawns has more

than doubled, while real average unit import prices have nearly halved. As an export-oriented species, the appreciation of the Australian dollar in recent years has also reduced the price that domestic producers receive for their product in export markets.

Abalone

Key jurisdictions: Tasmania (w), Victoria (w) and South Australia (w)

As a high-value product, even small percentage changes in the production volume or price of abalone can result in large absolute changes in gross value of production. Between 2000-01 and 2003-04, the real gross value of abalone production fell by 34 per cent (\$111 million). This was almost entirely the result of a 36 per cent drop in average unit price, which fell from approximately \$58 a kilogram to \$37 a kilogram over this period.

As is the case with rock lobster, a large proportion of abalone is exported, mostly to Hong Kong, China and Japan. Hence the continued appreciation of the Australian dollar has had a significant effect on abalone exports to Asia since 2000-01, resulting in lower prices on both the domestic and export markets.

Average unit prices partially recovered over the two years to 2005-06, before falling again in 2006-07. Over this period, declining production levels in several states as a result of total allowable catch (TAC) reductions and a disease outbreak in Victoria have been offset to a large extent by increased production in the aquaculture sector. Nonetheless, a small drop in both production volume and unit prices in 2006-07 resulted in the gross value of production falling by \$9 million (4 per cent) to \$216 million (figure b).

Tuna

Key jurisdictions: South Australia (a) and Commonwealth eastern tuna and billfish fishery (w)

After reaching a peak of \$388 million in 2000-01, the real value of tuna production has more than halved over the six years to 2006-07 (figure g). As approximately 90 per cent of Australia's tuna production is exported, mostly to Japan, prices during this period have been strongly influenced by the appreciation of the Australian dollar against the Japanese yen. Between 2000-01 and 2006-07, average unit prices for tuna species fell by 49 per cent (in real terms), the effect of which has been compounded by a 19 per cent fall in production quantity.

Approximately half of Australia's wildcatch tuna production is comprised of juvenile southern bluefin, the majority of which are towed to aquaculture farms in South Australia for fattening. Catches in the Commonwealth's

Production

southern bluefin tuna fishery are based on annual allocations from the Commission for the Conservation of Southern Bluefin Tuna (CCSBT) and have been relatively stable in recent years at around 5200 tonne. Farm output has averaged around 8300 tonne. Other important tuna species include yellowfin, bigeye and more recently, albacore, which are captured in the Commonwealth's eastern tuna and billfish fishery.

In value terms, southern bluefin tuna accounts for approximately 85 per cent of the total value of Australian tuna production. Since 2000-01, the real value of southern bluefin tuna production has fallen by 56 per cent (\$174 million). The main factor contributing to this decline has been falling unit prices, particularly in the aquaculture sector where average real prices have almost halved over the six years to 2006-07.

In 2006-07, the value of tuna production continued to fall, dropping a further \$14 million (8 per cent) to \$161 million. The total volume of tuna production increased slightly, with a 2110 tonne (66 per cent) increase in catch in the eastern tuna and billfish fishery offsetting a 1320 tonne (15 per cent) decline in southern bluefin tuna aquaculture production. However, the shift by eastern tuna and billfish fishery operators toward targeting albacore, a comparatively low-value tuna species, resulted in an increase in production value of only \$3.9 million. By comparison, the fall in southern bluefin tuna aquaculture production resulted in an \$18.1 million fall in the total production value (wildcatch and aquaculture) of this species.

Production, by jurisdiction

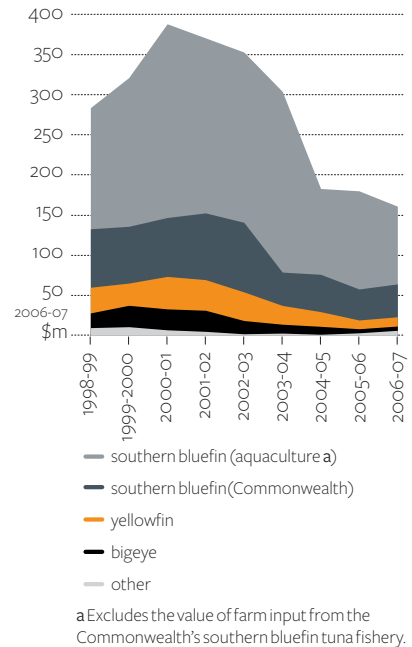
The gross volume and value of Australian fisheries production, by jurisdiction and location of catch, is given in tables 3-6. Production and value summaries for each jurisdiction are given in tables 7-14.

In 2006-07, Western Australia had the largest gross value of production, accounting for 22 per cent of total fisheries production, followed closely by Tasmania (22 per cent) and South Australia (18 per cent*) (figure h).

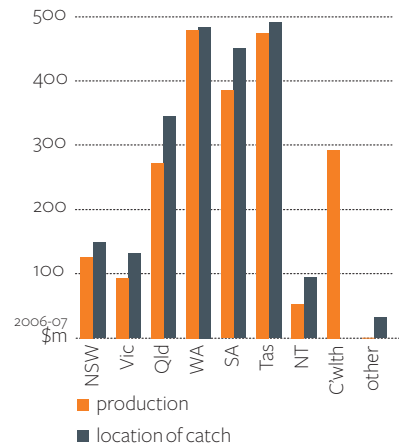
By location of catch, once Commonwealth catch is distributed to the states according to where it was caught, Western Australia, Tasmania and South Australia accounted for 65 per cent of Australia's gross value of production.

* This percentage is calculated after the value of southern bluefin tuna farm input has been deducted from the value of South Australian aquaculture to avoid double counting.

g Real value of Australian tuna production

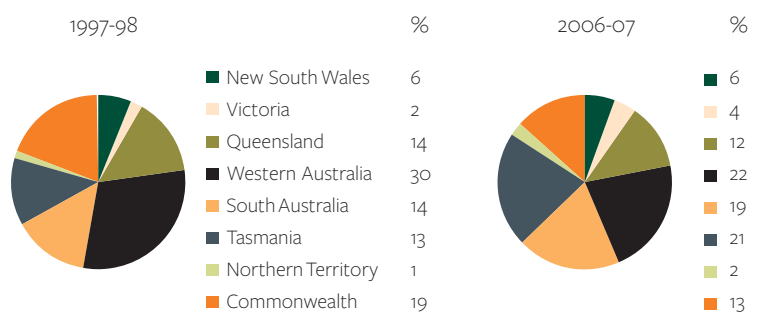


h Value of Australian fisheries products, by state



Western Australia’s share of gross value of production has declined significantly over the past decade, falling from 30 per cent in 1997-98 to 22 per cent in 2006-07 (figure i). This reflects strong growth in aquaculture production in Tasmania and South Australia over this period. The share of Commonwealth fisheries production also fell over this period, from 19 per cent to 13 per cent.

i Australian fisheries production, by jurisdiction



New South Wales **table 7**

Key species: oysters (a), prawns (w), abalone (w) and sea mullet (w)

The gross value of fisheries production in New South Wales rose slightly in 2006-07, increasing by \$1.3 million to \$127 million. The gross value of production in the wildcatch sector rose by \$300 000 to \$80.7 million, with a \$1.1 million fall in the value of king prawn production offset by a \$1 million increase in the value of rock lobster production. The former was the result of a 12 per cent fall in the quantity produced, while the later was because of increases in both production volume and unit price. In 2006-07, the effect of a decline in the production value of key mollusc species was also offset by increases in the production value of fish species, particularly Australian salmon, sea mullet and bream.

In 2006-07 the gross value of New South Wales aquaculture production rose from \$45 million to \$46 million. This was driven mostly by a \$2.4 million increase in the value of oyster production, which compensated for a \$800 000 fall in the value of farmed prawn production.

Production

Victoria **table 8**

Key species: abalone (w), rock lobster (w) and trout (a)

In 2006-07 the total value of fisheries production in Victoria fell by \$4.5 million to \$93.9 million. The value of production in the wildcatch sector fell by \$2.2 million, with the value of abalone production falling by \$5 million and the value of rock lobster, Australian salmon and king george whiting production increasing by \$1 million, \$500 000 and \$400 000 respectively. The fall in the value of abalone production was largely caused by an 8 per cent fall in unit price.

The value of aquaculture production fell by 11 per cent, from \$21 million in 2005-06 to \$18.7 million in 2006-07. The production value of salmonid and abalone, the two main aquaculture species, fell by \$1.2 million and \$1.3 million respectively. The fall in the value of abalone was partially caused by lost production from farms affected by the outbreak of viral ganglioneuritis in December 2005. The fall in the value of salmonid production was the result of a combination of decreased production and lower unit prices. The value of ornamental fish production also fell by \$1.2 million in 2006-07, while higher unit prices for mussels compensated for a decline in production and resulted in a \$400 000 increase in production value.

Queensland **table 9**

Key species: prawns (w,a), coral trout (w), crabs (w) and barramundi (a)

The gross value of fisheries production in Queensland rose from \$257 million in 2005-06 to \$273 million in 2006-07. This was despite a 26 per cent decline in the value of wildcaught prawn production, which fell by \$21.3 million to \$59.2 million. This fall was the result of a 24 per cent decrease in the volume of prawn production, the effect of which was compounded by declining unit prices, particularly for endeavour prawns. Offsetting the fall in the value of prawn production was a \$17 million increase in the value of coral trout production, which was a result of higher prices. The production value of wildcaught bugs, crabs, scallops and tropical snapper also rose in 2006-07, by \$6.2 million, \$4.5 million, \$2.8 million and \$2.7 million respectively.

The gross value of aquaculture production rose by 6 per cent (\$4.2 million) to \$71.9 million in 2006-07. With the exception of prawns, which fell by \$4 million to \$42.5 million, the production value of all other aquaculture species increased in 2006-07. In particular, the value of barramundi production rose by \$4.3 million to \$18.3 million, driven by higher production levels and unit prices.

Western Australia **table 10**

Key species: rock lobster (w), pearls (a), prawns (w), abalone (w) and scallops (w)

The gross value of fisheries production in Western Australia fell by 12 per cent in 2006-07, from \$545 million to \$480 million. Contributing to this decline was a 17 per cent fall in the production of rock lobster, which resulted in the production value of this species falling \$45.5 million to \$247 million. The decline in rock lobster production was largely caused by the influence of El Niño conditions on stock abundance in the fishery. The volume and value of prawn production also fell in 2006-07, by 740 tonne (22 per cent) and \$9.2 million (24 per cent) respectively, as did the volume and value of other key species, including abalone, scallops, tropical snapper and sharks.

The total value of aquaculture production remained relatively unchanged in 2006-07, at \$129 million.

South Australia **table 11**

Key species: southern bluefin tuna (a), rock lobster (w), prawns (w), abalone (w) and oysters (a)

The gross value of fisheries production in South Australia rose by \$23.3 million to \$426 million in 2006-07. In the wildcatch sector, production rose by \$26 million to \$219 million, largely attributable to increases in the value of rock lobster and prawn production, which rose by \$15.6 million and \$5.7 million respectively. Driving these increases were higher unit prices, particularly for rock lobster which rose by 18 per cent in 2006-07.

The value of South Australian aquaculture production fell slightly in 2006-07, dropping \$2.7 million to \$208 million. The value of southern bluefin tuna, which typically accounts for a large proportion of aquaculture production, fell \$18 million to \$138 million. This was the result of a 15 per cent fall in production*. Offsetting this decline was a 43 per cent increase in oyster production, which resulted in a \$14 million rise in production value. The real value of farmed oyster production has more than doubled in the past five years and now accounts for 41 per cent of the state's aquaculture production in terms of volume and 18 per cent in terms of value.

The majority of southern bluefin tuna caught in Australia is captured by Commonwealth endorsed boats that net juvenile fish in the Great Australian Bight and tow them to aquaculture farms off Port Lincoln in South Australia for fattening. Almost all of the farmed tuna is exported to Japan. In recent years, exchange rate movements and competition from farmed

* The observed decline in southern bluefin tuna aquaculture production in 2006-07 is the result of harvesting being carried out later than normal in the calendar year, hence the sale of the remaining tuna will be recorded against the 2007-08 financial year. This accounts for the anomaly between the increase in production in the Commonwealth Southern Bluefin Tuna fishery and the decline in tuna production in the South Australian aquaculture sector in 2006-07.

Production

northern bluefin tuna in the Mediterranean and Mexico have reduced the price received by Australian producers in the Japanese market. The real unit price of southern bluefin tuna from South Australian aquaculture farms has almost halved since 2000-01, with production value falling by \$174 million (in real terms) over this period.

Tasmania **table 12**

Key species: salmonids (a), abalone (w) and rock lobster (w)

The gross value of production from Tasmanian fisheries rose by \$60 million (14 per cent) to \$475 million in 2006-07. Production value in the wildcatch sector rose by \$10 million (6 per cent) to \$180 million, reflecting higher unit prices for rock lobster and increased scallop and abalone production.

The value of Tasmanian aquaculture production continued to rise, increasing a further \$50 million to \$295 million. Over the five years to 2006-07, the state's aquaculture sector has approximately doubled in value in real terms. Driving this increase has been a 65 per cent increase in the volume of salmonid production, the effect of which has been compounded by a 28 per cent increase (in real terms) in unit price. In 2006-07, the value of farmed salmonid production was \$272 million, accounting for 57 per cent of the state's total gross value of production.

Northern Territory **table 13**

Key species: crabs (w), mackerel (w), gold band snapper (w), barramundi (w) and sea perch (w)

The gross value of fisheries production in the Northern Territory rose from \$52.3 million in 2005-06 to \$53.5 million in 2006-07. This increase was mainly the result of a 26 per cent rise in the production of mud crabs, as well as a 290 per cent increase in total mollusc production (which is mostly comprised of sea cucumbers).

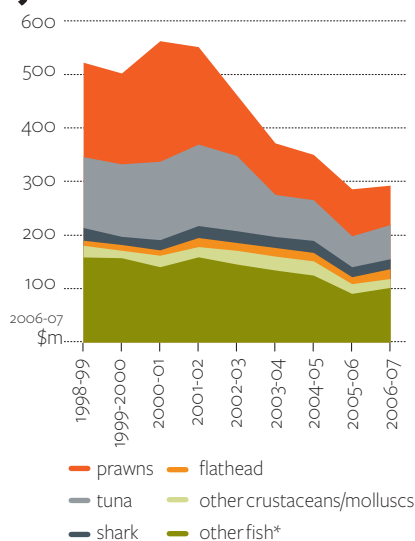
In 2006-07 the value of aquaculture production fell by \$1.4 million in 2006-07 to \$24.6 million.

Commonwealth **table 14**

Key species: prawns, tuna and sharks (w)

Since 2000-01, the real gross value of Commonwealth fisheries production has almost halved, declining from \$563 million to \$293 million in 2006-07 (figure j). This decline is the result of several factors, including falling unit prices for key species such as prawns and tuna, and a 21 per cent (15 500 tonne) decline in production. In particular, the real value of prawn production fell by \$152 million (67 per cent) over the six years to 2006-07. This was

j Real gross value of Commonwealth fisheries production, by species



* Includes Patagonian toothfish which cannot be reported separately due to confidentiality.

the result of a 5200 tonne (46 per cent) decline in production volume, the effect of which was compounded by a 40 per cent fall in average real unit prawn prices. The real value of tuna production also fell by \$82.7 million (56 per cent) between 2000-01 and 2006-07, driven by a 51 per cent fall in average real prices and an 11 per cent (1280 tonne) fall in production volume.

Another factor contributing to this decline is a \$38.6 million fall in the real value of broadbill swordfish production, from \$47.3 million in 2001-02 to \$8.7 million in 2006-07. This was the result of a 65 per cent fall in production volume and a 48 per cent fall in average price over this period. Similarly, the real value of orange roughy production fell from \$31.3 million in 1998-99 to \$3.6 million in 2006-07. The main factor driving this fall was an 85 per cent decline in production volume, which is largely the result of total allowable catch reductions for this species.

In 2006-07, the volume of production from Commonwealth-managed fisheries continued to decline, falling a further 6000 tonne to 56 800 tonne. However, the effect of this decline on gross value of production was largely offset by a general increase in prices received for fisheries products in 2006-07, resulting in the value of production rising by 5 per cent to \$293 million.

Despite a 14 per cent fall in value, prawns remained the most valuable Commonwealth managed species, accounting for 25 per cent (\$73.6 million) of total Commonwealth production value in 2006-07. This decline was the result of a 9 per cent fall in production quantity (mostly banana prawns) and lower unit prices for the three main prawn species: tiger, banana and endeavour prawns. In the northern prawn fishery, the Commonwealth's major prawn fishery, the production value of prawns fell by \$9.8 million to a 10 year low (in real terms) of \$62.3 million.

The value of tuna production, the next most valuable species, rose by 14 per cent (\$7.8 million) in 2006-07 to \$63.9 million, driven by an increase in production in the Commonwealth's two main tuna fisheries. In the southern bluefin tuna fishery, production value rose by \$3.5 million to \$41 million. This was the result of a combination of higher catches and prices during 2006-07. In the eastern tuna and billfish fishery, the gross value of production rose by 14 per cent to \$32.6 million. Operators continued to target albacore, with production rising from 1300 tonne in 2005-06 to 2800 tonne in 2006-07. Although albacore is a comparatively low-value species, the higher catch combined with a 11 per cent rise in average unit price resulted in the production value of this species rising by \$3.4 million in 2006-07. The value of yellowfin tuna also rose by \$1.1 million, despite a 15 per cent fall in price.

The value of Commonwealth shark production increased by \$500 000 to \$18.7 million in 2006-07, despite a 13 per cent fall in production. On average,

Production

approximately two-thirds of shark production in volume and 80 per cent in value is taken in the gillnet, hook and trap sector of the southern and eastern scalefish and shark fishery. In 2006-07, the value of shark production in this sector increased by 7 per cent to \$15.2 million in 2006-07, which was mostly the result of higher unit prices, particularly for key species such as gummy shark, school shark and saw shark. Of the remaining shark production, the majority is taken in the Commonwealth trawl sector and the Great Australian Bight trawl sector. Higher shark prices were observed in both sectors in 2006-07, however, the value of production in the former fell by \$500 000 (21 per cent) because of a proportionally higher fall in production quantity.

Other valuable species landed from Commonwealth waters include flathead, valued at \$18.3 million in 2006-07, blue grenadier (\$14.3 million), rock lobster (\$9.6 million), broadbill swordfish (\$8.7 million) and ling (\$6.2 million).

Production, by sector

The gross volume and value of Australian production, by sector, is given in table 1. Production and value summaries for each sector are given in table 2 (wildcaught) and tables 15-17 (aquaculture).

The total volume of Australian fisheries production fell by 5740 tonne, or 2 per cent, in 2006-07 to 240 000. Production in the aquaculture sector continued to rise, increasing by 5100 tonne (9 per cent), while production in the Commonwealth and state wildcatch sectors fell by 5990 tonne (10 per cent) and 4690 tonne (4 per cent) respectively.

Despite the overall decline in production volume, the gross value of production increased by 2 per cent (\$44.3 million) to \$2.18 billion (figure k). This increase was the result of a 7 per cent (\$49.4 million) increase in the value of aquaculture production and a 5 per cent (\$15 million) increase in the value of Commonwealth wildcatch production. These increases more than compensated for a 1 per cent (\$16.2 million) decline in the value of the state wildcatch sector.

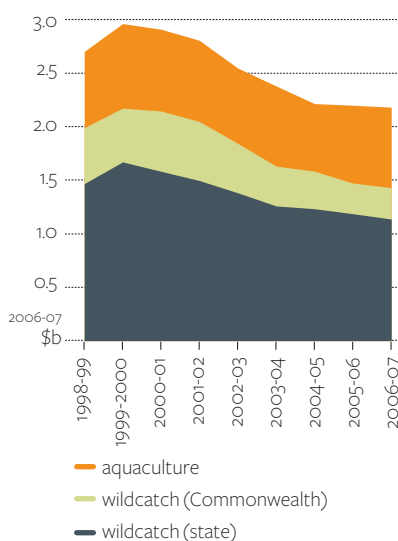
Aquaculture accounted for 34 per cent of the gross value of fisheries production in 2006-07, up from 26 per cent in 1998-99. Over the same period, the contribution of state fisheries to total wildcatch production value has increased from 74 per cent to 80 per cent.

Wildcatch table 2

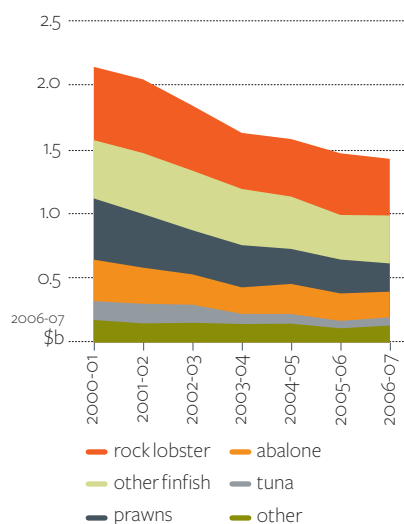
Key species: rock lobster, prawns, abalone and tuna

The total value of wildcatch fisheries production remained relatively stable in 2006-07, falling \$1.2 million to \$1.43 billion. The value of finfish production rose by \$44.3 million to \$438 million, driven by higher unit prices for coral

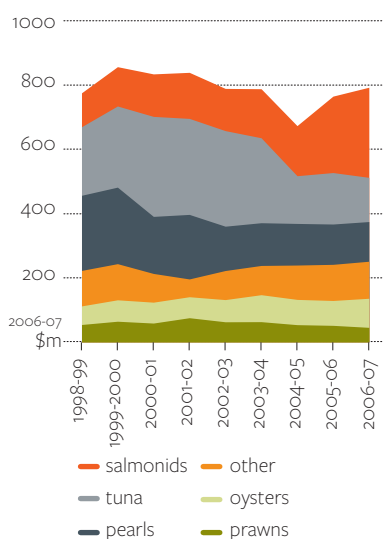
K Real gross value of Australian fisheries production, by sector



Real gross value of Australian wildcatch fisheries production



m Real gross value of Australian aquaculture production



trout and flathead as well as increased production of Australian sardines and tuna. The value of crustacean production fell by \$43.9 million, the result of declining production volumes for rock lobster and prawns. The value of mollusc production fell by \$1.7 million with the effect of a drop in the unit price of abalone greater than the effects of increases in both scallop and squid production.

Despite a \$25.4 million fall in production value, rock lobster remained the most valuable wildcatch species, accounting for 31 per cent of total value of wildcatch fisheries production in 2006-07. Other key species included prawns (\$220 million), abalone (\$199 million) and tuna (\$64.2 million).

Over the five years to 2006-07, the real value of wildcatch fisheries production has fallen by \$619 million, or 30 per cent (figure l). In particular, the value of prawns has fallen by \$198 million (47 per cent) over this period, while the value of tuna, rock lobster and abalone has fallen by \$88.5 million (58 per cent), \$133 million (23 per cent) and \$81.8 million (29 per cent) respectively. These falls have been the result of declining unit prices, which, as export-oriented species, is largely the result of the strong appreciation of the Australian dollar against the currencies of major trading partners.

Aquaculture tables 15-17

Key species: salmonids, tuna, pearl oysters, edible oysters

The gross value of aquaculture production continued to rise in 2006-07, increasing by \$49.4 million to \$793 million (figure m). The value of finfish aquaculture rose by \$35.7 million, with a \$49.5 million rise in the value of salmonid production compensating for an \$18.1 million fall in the value of southern bluefin tuna production. The value of crustacean production fell by \$3.7 million, the result of declining prawn production, while the value of mollusc production rose by \$15.8 million, driven by a 19 per cent increase in the production of edible oysters.

In 2006-07, the most valuable aquaculture species was farmed salmonids, accounting for 42 per cent of total production volume and approximately one-third of total value. The emergence of farmed salmonids as a key species, not merely in terms of aquaculture production but in fisheries production overall, follows several years of rapid growth in Tasmania. Between 2002-03 and 2006-07, the volume and real value of farmed salmonid production in Tasmania increased by 10 000 tonne and \$154 million.

Meanwhile, the real value of southern bluefin production from South Australia has more than halved, falling from a peak of \$311 million in 2000-01 to \$138 million in 2006-07. The main factor contributing to this decline has been lower prices, affected by the appreciation of the Australian dollar against the Japanese yen.

Trade

Fast facts - exports

In 2006-07

- The total value of Australian exports of fisheries products decreased by 3 per cent to \$1.49 billion.
- Approximately 80 per cent of export value was derived from edible fishery products such as fish and shellfish. The remainder was comprised of non-edible products such as pearls and fish meal.

Top 5 exports, by value

rock lobster	\$463 million
pearls	\$314 million
abalone	\$246 million
tuna	\$162 million
prawns	\$94 million

Top 5 export destinations

Hong Kong	\$642 million
Japan	\$374 million
United States	\$151 million
China	\$60 million
Chinese Taipei	\$51 million

Since 2000-01

- The real value of Australian fisheries exports has fallen by \$1.1 billion (42 per cent).
- The driving factor behind this fall has been the decline in the value of key export species. The combined value of rock lobster, pearls, abalone, tuna and prawns has fallen by \$0.9 billion over this period.
- Hong Kong has overtaken Japan as Australia's main export destination for fisheries products.

Fast facts - imports

In 2006-07

- The value of Australian imports of fisheries products continued to rise, increasing by 16 per cent to \$1.47 billion.
- Approximately 80 per cent of import value was derived from edible fishery products such as fish and shellfish. The remainder was comprised of non-edible products such as pearls and fishmeal.

Top 5 imports, by value

fresh, chilled or frozen prawns	\$246 million
canned fish	\$244 million
frozen fish fillets	\$228 million
pearls	\$182 million
canned crustaceans and molluscs	\$101 million

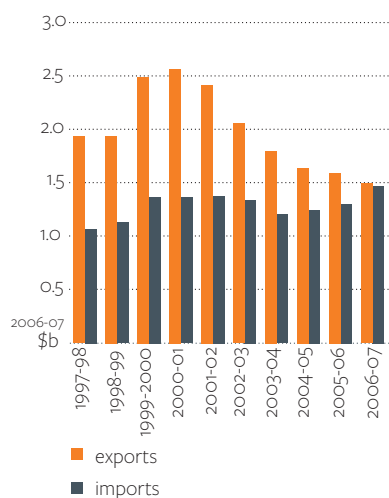
Top 5 import sources

Thailand	\$280 million
New Zealand	\$203 million
China	\$161 million
Viet Nam	\$155 million
United States	\$63.2 million

Since 2003-04

- The real value of Australian fisheries imports has risen by \$264 million (22 per cent), mostly driven by greater imports of fresh, chilled and frozen prawns and frozen fish fillets.
- The share of edible fishery imports from China and Viet Nam has risen, although Thailand and New Zealand remain Australia's main source of edible imports.

n Real value of Australian exports and imports of fisheries products



Exports and imports

Historically, Australia has been a net importer of fisheries products in volume terms but a net exporter in value terms. This disparity reflects the composition of Australian fisheries exports compared with imports. Australian fisheries exports are dominated by high-value species such as rock lobster, tuna and abalone, while imports largely consist of lower value products such as frozen fish fillets, canned fish and frozen prawns.

In recent years the gap between the value of Australian fisheries exports and imports has closed. In 2006-07, the value of Australian fisheries exports (\$1.49 billion) was approximately equal to the value of fisheries imports (\$1.47 billion) (figure n). Driving this shift has been movements in the value of the Australian dollar against the currencies of major trading partners, which have made exports less competitive in overseas markets and imports more attractive to domestic consumers (box 1). If past trends continue, Australia will be a net importer of fisheries products in both volume and value terms in 2007-08.

Trade

In real terms, the value of Australian fisheries exports has fallen by 42 per cent (\$1.1 billion) since 2000-01 (figure n). The main factors contributing to this decline are a 26 per cent decrease in the volume of edible exports and falling unit prices for major export species, particularly rock lobster, prawns, tuna and abalone. The decline in unit export prices is the result, in part, of a strong appreciation of the Australian dollar against the Japanese yen and US dollar over this period.

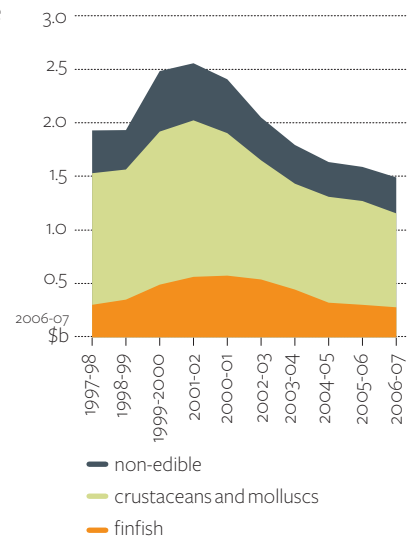
In real terms, the value of Australian fisheries imports has risen by 22 per cent (\$264 million) since 2003-04 (figure n). The main factors contributing to this increase are a 38 per cent increase in the quantity of fresh, chilled or frozen prawn imports, and higher unit prices for whole fish and canned fish products.

Exports by commodity

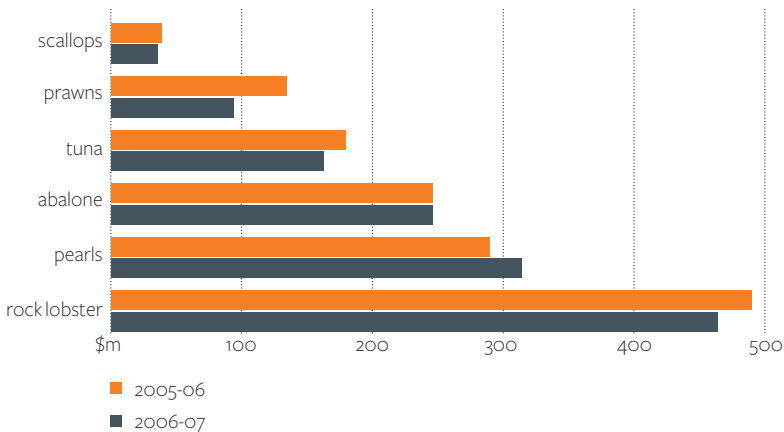
The total value of Australian exports of fisheries products fell by \$53 million (3 per cent) in 2006-07 to \$1.49 billion. Nearly 80 per cent of this value was derived from edible products, such as finfish, crustaceans and molluscs. The remaining 20 per cent was from non-edible products such as pearls, fish meal and marine fats and oils (figure o).

Rock lobster (\$463 million) remained Australia's most valuable export product, followed by pearls (\$314 million), abalone (\$246 million) and tuna (\$162 million) (figure p).

o Real value of Australian fisheries exports



p Value of Australian exports of fisheries products, key species



Edible fisheries products

Key species: rock lobster, abalone, tuna and prawns

The value of edible exports fell by 6 per cent in 2006-07 to \$1.16 billion. The most valuable edible fisheries products were rock lobster (\$463 million), abalone (\$246 million), tuna (\$162 million) and prawns (\$94 million).

Finfish

The export value of edible finfish fell by 5 per cent in 2006-07 to \$280 million. Driving this fall were declines in the value of whole tuna (fresh or chilled) and other fish fillets (frozen), which fell by 32 per cent (\$21.7 million) and 60 per cent (\$7.1 million) respectively. The fall in the value of whole tuna (fresh or chilled) was the result of a 31 per cent decrease in the unit export price, while the fall in the value of other fish fillets (frozen) was the result of a 47 per cent decrease in export volume.

Historically, tuna has dominated the export of Australian finfish products, accounting for 58 per cent of the export value of finfish in 2006-07. However, the value of tuna exports fell by \$17.2 million in 2006-07, or 10 per cent, to \$162 million. This was largely attributable to a 51 per cent fall in the volume of fresh or chilled southern bluefin tuna exports, mostly because harvesting at tuna farms was delayed in 2006-07. In quantity terms this decline was offset partially by increases in the export volumes of other tuna species, particularly albacore and yellowfin tuna. However, because these species have a relatively lower value than southern bluefin, the export value of fresh or chilled tuna fell by \$21.7 million.

The value of salmon exports rose by 53 per cent in 2006-07 to \$12.5 million. Offsetting a 53 per cent (\$1.5 million) fall in the value of canned salmon was a 114 per cent (\$5.2 million) rise in the value of whole (fresh or chilled) salmon, which was the result of an 87 per cent increase in export volume and a 15 per cent increase in unit price.

Crustaceans and molluscs

The export value of crustaceans and molluscs fell by 7 per cent in 2006-07 to \$878 million. Driving this fall was a \$40.4 million decrease in the value of prawn exports and a \$26 million decrease in the value of rock lobster exports. The fall in the value of prawn exports was the result of a 28 per cent (2380 tonne) decrease in the export volume of whole prawns, which typically account for more than 90 per cent of prawn exports. The fall in the value of rock lobster exports was because of a 28 per cent (640 tonne) decrease in the volume of cooked rock lobster exports and a 12 per cent (880 tonne) decrease in the volume of live rock lobster exports. Together, these two products typically account for three-quarters of rock lobster exports in terms of volume and 70 per cent in terms of value.

Trade

The value of abalone exports remained largely unchanged in 2006-07, rising \$400 000 to \$246 million. The value of fresh, chilled or frozen abalone rose by \$7.5 million, the result of a 5 per cent increase in export volume and a slight rise in unit price. Despite a 9 per cent increase in export volume, the value of canned abalone fell by \$7.1 million, driven by a 14 per cent decrease in unit price.

Non-edible fisheries products

Key products: pearls

The value of non-edible exports rose by 9 per cent to \$336 million in 2006-07. This was the result of an 8 per cent (\$24.2 million) increase in the value of pearl exports, which accounted for 93 per cent of the value of non-edible exports in 2006-07. The export value of marine fats and oils also rose by \$8 million (220 per cent) to \$11.6 million.

Exports by destination

Edible fisheries products (excluding live products)

Key destinations: Kong Hong, Japan and the United States

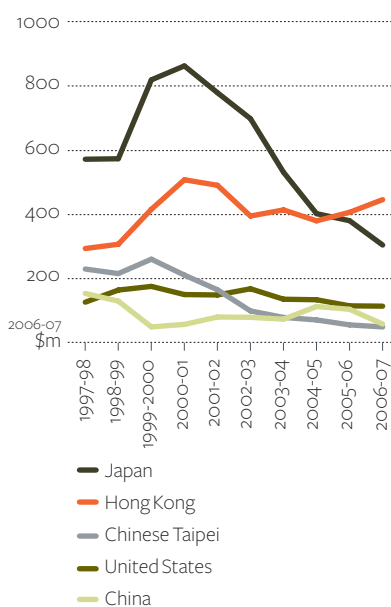
In 2006-07, Hong Kong was Australia's main export market for edible fisheries products (figure q). In value terms, 40 per cent of edible fisheries products (excluding live) were exported to Hong Kong (\$447 million) and 27 per cent were exported to Japan (\$306 million) (table 24). Other main markets included the United States (\$115 million), China (\$59.3 million) and Chinese Taipei (\$50.5 million).

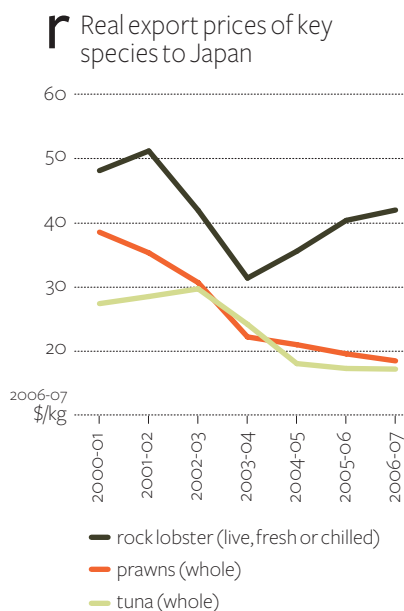
The main edible products exported to Hong Kong are rock lobster and abalone. In 2006-07, the total value of rock lobster exports to Hong Kong increased by 3 per cent to \$235 million, while the total value of abalone exports rose by 32 per cent to \$149 million. Together, these two species accounted for nearly three-quarters of seafood export volume to Hong Kong and 86 per cent of value (table 25).

Whole tuna, rock lobster, prawns and abalone accounted for 94 per cent of the value of edible exports to Japan in 2006-07. However, the export value of all four species fell in 2006-07, contributing to a \$64.9 million (18 per cent) fall in total export value. The value of tuna (whole) fell by \$20.5 million (12 per cent), while rock lobster, prawns and abalone fell by \$17.7 million (25 per cent), \$14.2 million (24 per cent) and \$13 million (24 per cent) respectively. These decreases were largely the result of declining export volumes.

Since 2000-01, the real value of seafood exports to Japan has fallen by 65 per cent, or \$557 million. Driving this decline have been substantial reductions in export volumes of key products (tuna, rock lobster, prawns and other fish)

q Australian exports of edible fisheries products (excluding live), by destination





and the strong appreciation of the Australian dollar relative to the Japanese yen, the effects of which have been compounded by declining prices for key export species, particularly prawns (figure r).

Rock lobster is the main edible fisheries product exported to the United States, China and Chinese Taipei. In 2006-07, the export value of rock lobster to these countries was \$97.8 million (accounting for 85 per cent of Australian edible exports to the United States by value), \$24.3 million (41 per cent) and \$30.1 million (60 per cent) respectively (table 25).

The primary export markets for Australian finfish products are Japan (tuna and salmon), the United States (tuna) and Thailand (whiting). In 2006-07, Japan accounted for 93 per cent of the value of whole tuna exports, and Thailand almost 60 per cent of the value of whole whiting. The majority of canned finfish exports went to New Zealand, which accounted for 91 per cent of the value of all canned tuna exports in 2006-07 and 85 per cent of all canned salmon exports (table 21).

Hong Kong, Japan and the United States remain the primary export markets for crustaceans and molluscs, valued at \$429 million, \$141 million and \$104 million respectively in 2006-07 (tables 22-23). Together these three countries accounted for 77 per cent of all Australian crustacean and mollusc exports. Other important export destinations for shellfish products were China, Chinese Taipei and Singapore.

Non-edible fisheries products

Key destinations: Kong Hong, Japan and the United States

In 2006-07, the principle export markets for non-edible products such as pearls and fish meal were Hong Kong (\$156 million), Japan (\$68.5 million) and the United States (\$34.3 million). Other major markets for non-edible products included New Zealand and Indonesia (table 24).

Exports by state

Of the total value of edible fisheries products exported in 2006-07, 29 per cent originated in Western Australia (\$333 million), 26 per cent from South Australia (\$303 million) and 17 per cent from Queensland (\$191 million) (table 28). South Australian and Queensland were the main exporters of finfish products. South Australia's finfish exports were mostly comprised of southern bluefin tuna, while Queensland's finfish exports were mostly live coral trout. Western Australia and South Australia were the main exporters of shellfish. Western Australia's shellfish exports were mostly comprised of rock lobster, while South Australia's were mostly rock lobster, abalone and prawns.

Imports by commodity

The total value of Australian imports of fisheries products increased by \$203 million (16 per cent) in 2006-07 to \$1.47 billion. Approximately 80 per cent of this value was derived from edible products, such as finfish, crustaceans and molluscs. The remaining 20 per cent was comprised of non-edible products such as pearls, fish meal and marine fats and oils (figure s).

The major imported products were fresh, chilled or frozen prawns (\$246 million), canned fish (\$244 million), frozen fish fillets (\$228 million) and pearls (\$182 million) (figure t).

Edible fisheries products

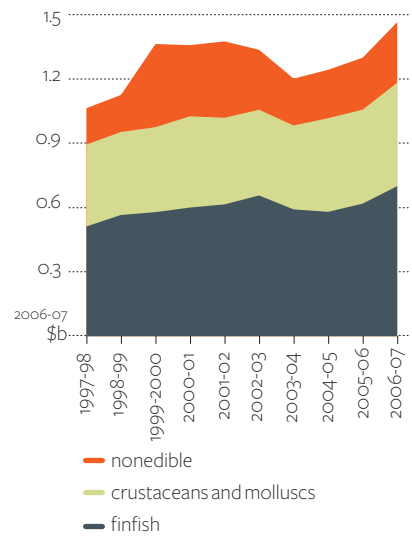
Key species: prawns (fresh, chilled or frozen) and fish (canned and frozen fillets)

The value of edible imports rose by 15 per cent in 2006-07 to \$1.18 billion. The most valuable edible import products were fresh, chilled or frozen prawns (\$246 million), canned fish (\$244 million) and frozen fish fillets (\$228 million).

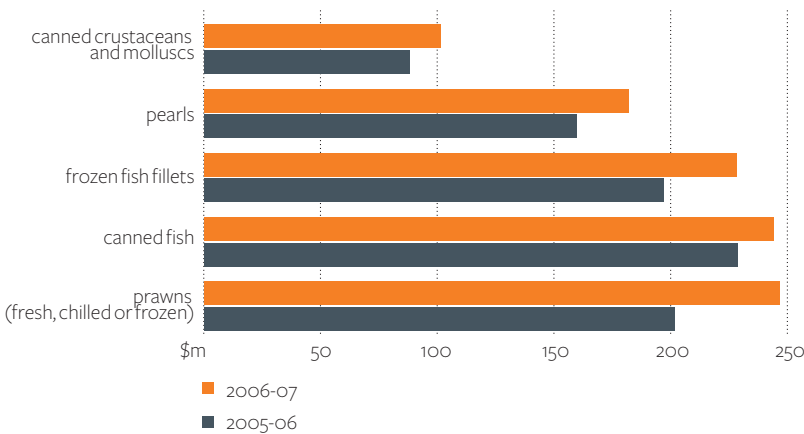
Finfish

The total value of finfish imports rose by \$99 million (16 per cent) in 2006-07 to \$701 million. Contributing to this rise was a \$31.5 million increase in the value of frozen fish fillets, which was the result of increases in both volume and unit price. The value of canned and smoked salmon imports also rose during this period, by \$14 million and \$11.3 million

S Real value of Australian fisheries imports



t Value of Australian imports of fisheries products



respectively. These increases were the result of higher import volumes and, to a lesser extent, higher unit prices.

The real value of finfish imports has grown by 37 per cent (\$188 million) over the past decade. This rise is mostly attributable to a 47 per cent (43 000 tonne) increase in the volume of imports. While the share of hake imports during this period has fallen from 12 per cent of total finfish import value to 5 per cent, the shares of other key products — salmon, tuna and other frozen fillets — have remained relatively unchanged, indicating growth has been consistent across these products.

Crustaceans and molluscs

The total value of crustacean and mollusc imports rose by \$57 million (13 per cent) in 2006-07 to \$483 million. This increase was mostly attributable to a \$45.4 million (23 per cent) rise in the value of fresh, chilled or frozen prawns and a \$6.7 million (12 per cent) rise in the value of canned and preserved prawns. Combined, these products accounted for 52 per cent of the volume and 64 per cent of the value of crustacean and mollusc imports in 2006-07. Other important categories of shellfish imports are calamari, squid and octopus (together valued at \$55.9 million in 2006-07) and scallops (\$29.8 million).

The volume of crustacean and mollusc imports has almost doubled over the past decade, rising from 33 200 tonne in 1997-98 to 65 000 tonne in 2006-07. The value, however, has risen by only 26 per cent (\$101 million) in real terms, which is largely the result of falling unit prices for the higher value species. In particular, the real unit prices of scallops and prawns (canned and preserved) have fallen by 39 per cent and 33 per cent respectively during this period. Driving this fall in unit prices has been the strong appreciation of the Australian dollar, which has made imports more attractive to Australian consumers.

Non-edible fisheries products

Key products: pearls and fish meal

The value of non-edible imports rose by 20 per cent to \$283 million in 2006-07. Almost two-thirds of this value was attributable to pearl imports (\$182 million). The next most valuable product was fish meal (\$40 million) followed by marine fats and oils (\$24 million).

The increase in value in 2006-07 was the result of a 14 per cent (\$22.2 million) increase in the value of pearl imports and an 82 per cent (\$18 million) increase in the value of fish meal imports. Together, these two products accounted for 78 per cent of the value of non-edible imports in 2006-07 (table 29).

Imports by source

Edible fisheries products

Key sources: Thailand, New Zealand, Viet Nam and China

Thailand and New Zealand remain Australia's main sources of edible fishery products, accounting for 40 per cent of the total value of edible imports in 2006-07 (24 per cent and 16 per cent respectively) (table 37). Imports from Thailand were valued at \$279 million and were mostly comprised of canned fish (\$151 million) and fresh, chilled or frozen prawns (\$48.2 million). New Zealand imports were valued at \$192 million and were mostly comprised of frozen finfish fillets (\$58.8 million) and fresh or chilled whole fish (\$42.8 million).

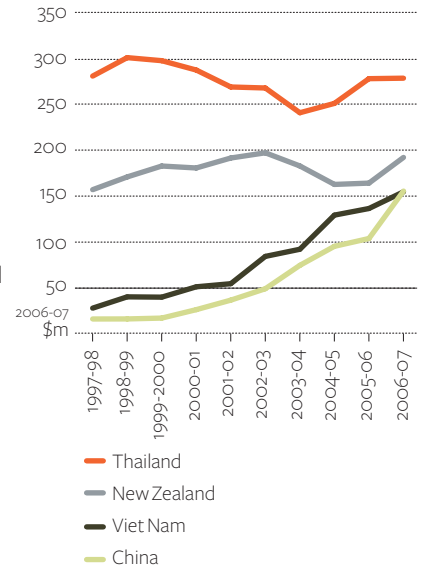
However, the share of imports from China (\$156 million in 2006-07) and Viet Nam (\$155 million) continues to rise, with each country accounting for 13 per cent of the value of edible imports in 2006-07 (figure u). Over the past decade, the real values of edible imports from China and Viet Nam have increased by \$139 million and \$127 million respectively.

In 2006-07, the value of edible imports from China rose by \$54.7 million (54 per cent). The value of fresh, chilled or frozen prawn imports more than doubled, rising to \$62.1 million. This was the result of a 90 per cent increase in volume and an 11 per cent increase in average unit price. The value of canned crustacean and mollusc imports from China also rose by \$15.2 million (91 per cent) to \$32 million in 2006-07, driven mostly by an 81 per cent increase in volume and a 6 per cent increase in unit price. Other important products sourced from China include calamari, squid and octopus (\$17.3 million) and scallops (\$16.4 million) (figure v).

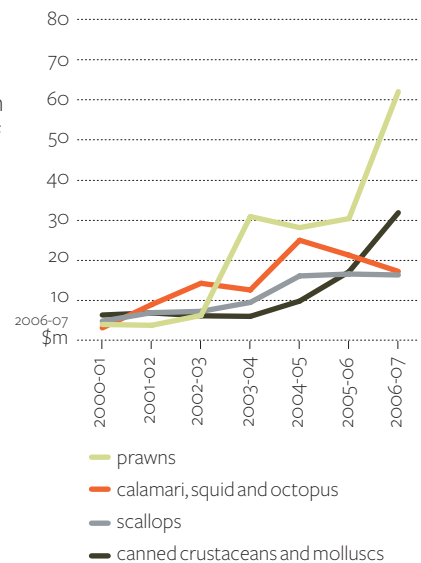
The value of edible imports from Viet Nam rose by \$22 million (17 per cent) in 2006-07. This was the result of a \$13.5 million (19 per cent) rise in the value of fresh, chilled or frozen prawns and an \$8 million (19 per cent) rise in the value of frozen fish fillets (excluding hake) (figure w). These increases were mostly the result of higher unit prices.

In 2006-07, 62 per cent (\$151 million) of Australia's imports of canned fish and 32 per cent (\$32.6 million) of canned crustacean and mollusc imports were sourced from Thailand. New Zealand was the source of 38 per cent of Australian imports of fresh, chilled or frozen finfish products (\$112 million, table 33), 21 per cent of fresh, chilled or frozen molluscs (\$20.1 million, table 36) and 12 per cent of canned crustacean and mollusc imports (\$11.8 million, table 36). Almost one-quarter of dried and salted fish were imported from Norway (\$2.3 million, table 34), while Denmark was the source of 55 per cent of Australia's smoked fish imports (\$24 million, table 34).

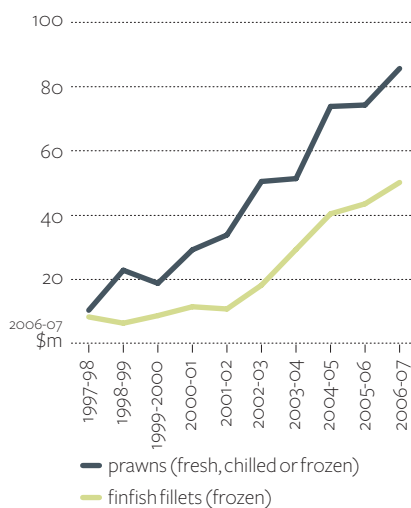
U Value of Australian imports of edible fisheries products (excluding live), by source



V Value of Australian imports of selected edible fisheries products from China



W Value of Australian imports of selected edible fisheries products from Viet Nam



Non-edible fisheries products

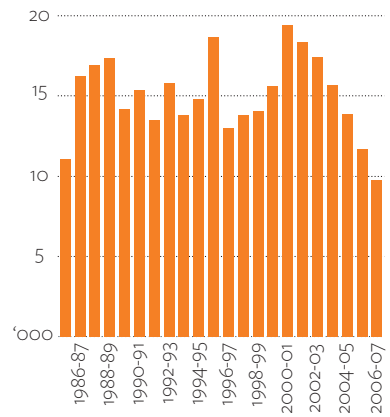
Key sources: Peru and the United States

Australia's imports of non-edible fisheries products are sourced from a wide range of countries. In 2006-07, approximately 20 per cent of non-edible imports were sourced from Peru (\$33.7 million) and the United States (\$23.6 million). Non-edible imports from Peru were mostly comprised of fish meal, the majority of which was destined for Tasmania. Non-edible imports from the United States were mostly comprised of other marine products, the majority of which was destined for South Australia. Other sources of non-edible imports included New Zealand (\$10.7 million) and Indonesia (\$7.8 million).

Employment

The Australian Bureau of Statistics (ABS) reports two main series relating to commercial fishing employment. Estimates from the Labour Force Survey (part of the Monthly Population Survey) indicate that commercial fishing employment in 2006-07 was 9700, more than 50 per cent lower than in 2000-01 and lower than at any time in the past two decades (figure x).

X Persons employed in commercial fishing in Australia



Source: ABS, 2008.

Information collected from the 2006 ABS census corroborates the Labour Force Survey's estimate of total employment in the fishing industry (table A). Of the 9700 employed in the industry, according to the census, more than one-third (3600 persons) were employed in aquaculture and more than 1100 persons were employed in rock lobster fishing, principally in Western Australia and South Australia. Tasmania had the largest share of aquaculture employment, while the fishing industries in Queensland, South Australia and Tasmania each employed around 1300 people. The affiliated industries of fish wholesaling and seafood processing employed 4200 and 2000 persons respectively.

A Estimated employment in the Australian fishing industry Australian Bureau of Statistics census data, August 2006

	NSW no.	Vic no.	Qld no.	WA no.	SA no.	Tas no.	NT no.	ACT no.	Australia no.
Aquaculture	709	280	551	325	766	935	62	0	3 628
Finfish trawling	61	52	61	23	53	25	4	0	278
Line fishing	7	10	27	15	18	8	0	0	86
Prawn fishing	130	4	323	93	78	0	19	0	648
Rock lobster fishing	43	93	104	491	227	183	13	0	1 154
Other fishing	291	130	247	214	199	211	135	4	3 941
Total	1 241	569	1 313	1 161	1 341	1 362	233	4	9 735
Fish wholesaling	1 039	859	1 037	452	460	295	43	17	4 202
Seafood processing	203	259	273	357	509	385	15	0	2 001
Total	1 242	1 118	1 310	809	969	680	58	17	6 203

Source: ABS (2007).

Recreational and charter fishing

It is difficult to collect and aggregate catch and effort data relating to the recreational fishing sector as in the majority of cases recreational fishers do not have to report their activities to a management agency. Valuation of the recreational sector is even more difficult because, unlike the commercial sector whose outputs are sold in markets, the value of recreational fishing is often not revealed through markets. While non-market valuation techniques could be applied, any value derived from such an approach would not be comparable with the gross value of production measure used for valuing the commercial sector.

The management of recreational and charter fishing in Australia is the responsibility of the individual state and territory authorities. Licensing requirements and regulations vary considerably between jurisdictions and often depend on location, fishing method and species being targeted.

In New South Wales, a recreational fishing licence is required for all recreational fishing activities. Size and bag limits apply for many species, as do gear restrictions and area/seasonal closures. Charter boats are also required to hold a licence and maintain comprehensive catch records. Similarly, an all-water recreational fishing licence is required for recreational fishing activities in Victoria; however, there are a number of categories entitled an exemption to holding a licence. Once again, size and catch limits, and area and seasonal closures, apply.

In Western Australia, recreational fishing licences are required for abalone, rock lobster, marron, net fishing and freshwater angling. Seasonal closures are used to moderate fishing effort, and size and bag limits also apply for the majority of species caught. Since 2001, operators in the aquatic tour industries, including charter fishing boats, are required to hold a licence. A recreational fishing licence is necessary in Tasmania for inland freshwater fishing, and also for the collection of abalone, rock lobster and scallops. Gear restrictions and seasonal closures also apply. Bag, size and possession limits and area restrictions apply in Western Australia for abalone, rock lobster, shellfish and scalefish.

Recreational fishers in Queensland, South Australia and the Northern Territory are not required to hold a licence, although in the Northern Territory a permit is needed to enter Aboriginal land and adjoining waters. Charter boats in South Australia and Queensland, and commercial fishing guides

Recreational and charter fishing

in the Northern Territory, are required to hold a licence and must submit a logbook of their catch. In the absence of licence regulations, Queensland and South Australia use effort controls such as size and bag limits, gear restrictions and seasonal and area closures to regulate catch, while in the Northern Territory fish possession limits apply for a number of species.

The last consistent collection of data relating to recreational fishing was the National Recreational and Indigenous Fishing (NRIF) Survey in 2000-01 (Henry and Lyle eds 2003). Commonwealth and state agencies carried out the survey over the 12 months to May 2001. This study used telephone and diary survey methods to estimate the number of recreational fishers in each state and territory and the extent of their activities. Data collected included catch, fishing mode and location, and expenditure data at the state level.

A number of individual state/territory surveys have been undertaken on recreational fishing, based either on species or on individual fisheries/ regions. However, because of the inconsistent nature of the data collected, it is not possible to present up-to-date aggregations on catch and value, by species and state. Details of information collected by each state are summarised in table B. Of particular note is Queensland, which has made available an online interactive database containing information on recreational species caught in Queensland (the Coastal Habitat Resources Information System or CHRIS).

B Available data on recreational fishing

state/territory	notes
New South Wales www.dpi.nsw.gov.au	<ul style="list-style-type: none"> No comprehensive species level value or catch data available for the recreational sector. Charter boat operators required to maintain comprehensive catch records. NRIF survey estimated that recreational fishers in NSW spent more than \$550 million on fishing related items in 2000-01. Various economic impact and regional expenditure reports, either by species or region (for example, Economic Impact of the Striped Marlin Fishery, EYEcon 2004).
Victoria www.dpi.vic.gov.au	<ul style="list-style-type: none"> No comprehensive species level value or catch data available for either recreational or charter sector. Various recreational fishing surveys (for example, surveys of Victorian recreational rock lobster fishery during 1996-98).
Queensland www.dpi.qld.gov.au	<ul style="list-style-type: none"> No comprehensive species level value data available but aggregate catch and effort data reported on CHRIS. Charter boats required to maintain logbook data containing information on catch and fishing effort. Recreational fishing surveys (phone based) were conducted in 1996, 1998 and 2001. Currently conducting 2007-08 recreational fishing survey.
Western Australia www.fish.wa.gov.au	<ul style="list-style-type: none"> No comprehensive species level value or catch data available for the recreational sector. Monthly catch data collected from all charter operators holding a 'fishing tour license'. Recreational fishing telephone surveys conducted in 1996, 1997 and 1998. Data collected included the number of people who fished and days fished. Estimates of catch rates and economic value generated by recreational fishing for some sectors published in the annual <i>State of the Fisheries Report</i>; for example, the licensed recreational rock lobster fishery was valued at \$8.1 million in 2004-05. Various recreational fishing surveys (for example, a 12 month survey of recreational estuarine fishing in the South Coast bioregion of Western Australia during 2002-03, Smallwood and Sumner 2007). The value of the recreational catch of marron in 2005 was estimated to be in the range of \$182 000 to \$327 000. These figures were based on logbook catch data and an average sale price for marron and do not include any 'non-market' values associated with recreational fishery.
South Australia www.pir.sa.gov.au	<ul style="list-style-type: none"> Currently undertaking a recreational fishery survey (2007-08) using the same methodology as the 2000-01 national survey with results expected to be released in early 2009. Preliminary economic modelling valued the recreational sector between \$3.0 million and \$4.7 million (Knight et al. 2007).
Tasmania www.dpiw.tas.gov.au	<ul style="list-style-type: none"> No comprehensive species level value or catch data available. A follow up to the 2000-01 national survey is currently being conducted, with results to be released mid-2009.

continued...

Recreational and charter fishing

B Available data on recreational fishing

state/territory	notes
Northern Territory www.fisheries.nt.gov.au	<ul style="list-style-type: none">• No comprehensive species level value or catch data available; however, the Amateur Fisherman's Association of the Northern Territory administers a series of programs through which catch and effort data are recorded from several recreational fisheries.• Catch and effort data also gathered during annual fishing tournaments.• Broadscale recreational fishing surveys conducted in 1986, 1995 and 2000-01 as part of the Northern Territory Department of Primary Industry, Fisheries and Mines' wider fisheries research program.• The 1995 Fishcount survey estimated that more than \$30 million in total annual expenditure is directly attributable to recreational fishing (Coleman 1998). Most of this is directed toward the purchase of boats, vehicles and their associated running costs.• No formal assessment of the annual contribution of the guide fishing industry to the Territory's economy.

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Profile of Australian fisheries in 2007

Commonwealth

fishery	main fishing area	species	method	number
Northern prawn	Gulf of Carpentaria from Cape York to Cape Londonderry	banana, tiger, endeavour and king prawn	otter trawling	5 permits (carrier boats) 52 boat SFRs
Torres Strait a	Torres Strait waters	prawn, rock lobster, spanish mackerel, pearl shell, trochus shell, and reef fish, Beche-de-mer, crab	otter trawl, troll and dive	23 lobster 13 mackerel 17 pearl shell 61 prawn 0 Beche-de-mer 0 trochus 0 crab 6 reef line 0 net
South east trawl	Commonwealth waters from Barrenjoey Point, NSW, around Tasmania to Cape Jervis, SA	mixed fish species particularly orange roughy, ling, blue grenadier, flathead, and warehou	otter trawl and Danish seine	59 boat SFRs
Gillnet, hook and trap	Commonwealth waters off south Queensland, NSW, Victoria, Tasmania and SA	mixed fish species particularly pink ling, blue eye trevalla and gummy shark	demersal gillnet, demersal longline, dropline, trotline, trap and purse seine	58 scalefish hook SFRs 62 gillnet boat SFRs 42 permits
Great Australian Bight	Commonwealth waters between Cape Leeuwin, WA and Kangaroo Island, SA	deepwater flathead, orange roughy and bight redfish	demersal otter, and limited midwater trawl	11 SFRs
Southern bluefin tuna	Commonwealth waters especially the southern and south-eastern parts of the AFZ	southern bluefin tuna	purse seining, pole and line, longline and trolling	41 permits 138 SFRs
Eastern tuna and billfish	Commonwealth waters off Queensland NSW, Victoria and Tasmania from Cape York to the SA/Victoria border	yellowfin, bigeye, skipjack and albacore tuna, and billfish species	pelagic longline, purse seine, pole, trolling, rod and reel, and handline	172 permits

a Number of Commercial Fishing Boat (TVH) licences held in each Torres Strait fishery.

continued...

Commonwealth *continued*

fishery	main fishing area	species	method	number
Southern and western tuna and billfish	Commonwealth waters from Cape York around northern Australia to the SA/Victorian border	yellowfin, bigeye, skipjack and albacore tuna, and some billfish species	pole and line, purse seine, pelagic longline, troll, rod and reel and handline	96 permits
Bass Strait scallop	Commonwealth waters off SA, Victoria and Tasmania	scallop	dredge	153 boat SFRs
Small pelagics	Commonwealth waters purse seine, midwater from north of the NSW/Queensland border along southern Australia to near Perth, WA	greenback, yellowtail and Peruvian jack mackerel	purse seine and midwater trawl	74 permits
Southern squid	Commonwealth waters off SA, Victoria, NSW, Tasmania and southern Queensland	arrow or Gould's	jig machine	70 certificates
Sub Antarctic	Heard and McDonald Islands	Patagonian toothfish, mackerel, icefish	trawl (demersal and midwater), longlining and trial pot fishing	5 certificates
	Macquarie Island	Patagonian toothfish	demersal trawl	
Western deepwater trawl	Commonwealth waters off WA	mixed fish species	otter trawl	11 permits
North-west slope	Commonwealth waters off the northern parts of WA	scampi	otter trawl	7 permits
Coral Sea	Commonwealth waters, from Sandy Cape to Cape York	reef fish, trochus, lobster, aquarium fish, sea cucumber	otter trawl, handlines, diving, seine nets	18 permits
South Tasman rise	high seas adjacent to AFZ, south of Tasmania	orange roughy, oreo dory	deepwater demersal trawling	15 permits

Source: Australian Fisheries Management Authority.

Profile

New South Wales

fishery	species	method	number
Abalone	blacklip abalone	diving	48 licence holders
Rock lobster	eastern rock lobster	traps	151 licence holders
Ocean prawn trawl	eastern king, school whiting and octopus	trawling	306 licence holders
Ocean trap and line	spanner crabs, snapper and bonito	fish traps, dropline, longline, spanner crab nets	504 licence holders
Ocean haul	sea mullet, blue mackerel and yellowtail	purse seine and haul (seine) nets	318 licence holders
Ocean fish trawl	tiger and sand flathead, silver trevally and fiddler ray	trawling	98 fishing licences
Estuary prawn trawl	school prawns, squid	trawling	216 licence holders
Estuary general	sea mullet, luderick prawns and pippis	mesh and haul, nets, hand gathering	685 licence holders
Inland	yabbies and carp	traps and gillnets	26 licence holders
Sea urchin and turban shell	sea urchin and turban shell	diving	37 licence holders
Aquaculture	prawns	pond culturing	12 licence holders
	yabbies	ponds and farm dams	115 licence holders
	oysters	rack tray and stick	348 licence holders
	silver perch	pond	116 licence holders
	trout	ponds and raceway	28 licence holders
	snapper	ponds	12 licence holders

Sources: New South Wales Department of Primary Industries; ABARE.

Victoria

fishery	species	method	number
Abalone	greenlip, blacklip	diving	71 licence holders
Scallops	scallops	dredging	91 licence holders
Bay and inlet	mixed fish species	various	97 licence holders
Rock lobster	southern rock lobster	pots	132 licence holders 7 245 pots
Giant crab	giant crab	pots	35 licence holders
Inshore trawl	mixed fish species	trawling	60 licence holders
Ocean (general)	mixed fish species	various	287 licence holders
Aquaculture	abalone	flow-through systems	18 licence holders
	freshwater eels	recirculation units and cultured waters	17 licence holders
	mussels	longlines	47 licence holders
	ornamental fish	recirculation units and ponds	8 licence holders
	yabbies	recirculation units, ponds and farm dams	23 licence holders
	salomoids	recirculation units and raceways	24 licence holders
	warmwater finfish	recirculation units, flow through systems and ponds	33 licence holders
	other		6 licence holders

Sources: Victorian Department of Primary Industries; ABARE.

Profile

Queensland

fishery	species	method	number
East coast trawl	tiger, banana, red spot king, endeavour, eastern king, 'bay' prawns, scallops, 'bugs' and trawl whiting	otter trawl	441 licence holders
River and estuary trawl	banana, 'bay' and tiger prawns	beam	142 licence holders
Gulf of Carpentaria inshore	barramundi, king and blue threadfin, tropical shark, grey mackerel	set (gill) net	87 licence holders
East coast net inshore (mainly tropical)	barramundi, king and blue threadfin, tropical shark, grey mackerel	set (gill) net	187 licence holders (north of Baffle Creek)
East coast net inshore (mainly subtropical)	barramundi, king and blue threadfin, tropical shark, grey mackerel, mullet, tailor, bream, whiting	seine and some net	258 licence holders (south of Baffle Creek)
Line (handline)	coral trout, red throat emperor	handline	370 licence holders
Line (trolling)	spanish, mackerel	trolling	256 licence holders
Crab – estuary	mud and blue swimmer	pot	780 licence holders
Crab – oceanic	spanner crabs		240 licence holders
Aquaculture ^a	prawns	pond culture	61 development approvals
	barramundi	pond and cage culture	129 development approvals
	oysters	rack and stick culture	114 development approvals
	redclaw	ponds	204 development approvals
	freshwater fish	ponds and tanks	165 development approvals
	eels	ponds and tanks	39 development approvals

^a Queensland's Department of Primary Industries and Fisheries has recently changed aquaculture approvals in Queensland from an aquaculture licence to a development approval. During this process, species may be added to permits because of a new species grouping arrangement for licensing. Freshwater fish now includes 13 species – including barramundi. Barramundi has been kept separate as some farming is based on marine production systems. Freshwater fish now includes silver perch, jade perch, Murray cod and eels. Sources: Queensland Department of Primary Industries; ABARE.

Western Australia

fishery	species	method	number
West coast rock lobster	western rock lobster	pots	493 boats and 56 499 pots
Abalone	greenlip, brownlip and roe's abalone	diving	27 licence holders
Shark Bay prawn	king, tiger and endeavour prawns, scallops	trawling	27 licence holders
Exmouth prawn	king, tiger and endeavour prawns	trawling	12 licence holders
Nickol Bay prawn	king and banana prawns	trawling	14 licence holders
Shark Bay scallops	scallops	trawling	41 licence holders (27 prawn boats and 14 scallop boats)
Aquaculture	pearls yabbies marron mussels	longlines ponds and farm dams ponds and farm dams longlines	

Sources: Western Australian Fisheries; ABARE.

Profile

South Australia

fishery	species	method	number
Southern zone rock lobster	southern rock lobster	pots	181 licence holders
Northern zone rock lobster	southern rock lobster	pots	68 licence holders
Western zone abalone	greenlip, blacklip abalone	diving	23 licence holders
Southern zone abalone	greenlip, blacklip abalone	diving	6 licence holders
Central zone abalone	greenlip, blacklip abalone	diving	6 licence holders
Blue crab	blue crab	pots	9 licence holders
West coast prawn	western king prawn	trawling	3 licence holders
Spencer Gulf prawn	western king prawn	trawling	39 licence holders
Gulf St Vincent prawn	western king prawn	trawling	10 licence holders
Marine scalefish	various finfish, crustaceans, molluscs	netting, line fishing, handlines and traps	344 licence holders
Restricted marine scalefish	various finfish, crustaceans, molluscs	netting, line fishing, handlines and traps	13 licence holders
Miscellaneous	various finfish, crustaceans, molluscs, worms	traps, diving, etc	21 licence holders
Lakes and Coorong	freshwater finfish, marine finfish, molluscs	netting, line fishing, handlines	36 licence holders
River fishery	freshwater finfish, crustaceans	netting, pots	6 licence holders
Aquaculture	yabbies	ponds and farm dams	102 licences
	marron	ponds and farm dams	80 licences
	oysters	contained racks and longlines	342 licences
	southern bluefin tuna	sea cages	39 licences
	barramundi	ponds, dams and recirculation system	30 licences
	murray cod	ponds, dams and recirculation system	33 licences
	abalone	sea cages, contained longlines, contained benthic structures and uncontained benthic structures	50 licences
	gold and silver perch	ponds, dams and recirculation system	50 licences
	scallops	contained and uncontained longlines	36 licences
yellowtail king fish	sea cages	36 licences	

Sources: South Australian Research and Development Institute; Department of Primary Industries and Resources, South Australia; ABARE.

Tasmania

fishery	species	method	number
Abalone	blacklip and greenlip abalone	diving	121 licence holders
Rock lobster	southern rock lobster	pots	312 licence holders
Giant crab	giant crab	pots	88 licence holders
Scallop	commercial doughboy queen	dredging	78 licence holders
Scalefish	various	netting/hooks	551 licence holders
Aquaculture	Atlantic salmon	cage culture farming	44 licence holders
	Pacific oysters	rack and stick	116 licence holders
	mussels	longlines	34 licence holders
	rainbow trout	sea cages	19 licence holders
	scallops abalone	sea cages and land based tanks	16 licence holders 41 licence holders

Sources: Tasmanian Department of Primary Industries and Water; ABARE.

Profile

Northern Territory

fishery	species	method	number
Coastal	finfish and bait	line, net and trap	72 licence holders
Offshore	mackerel, shark and reef	trolling, hand and longline net, trap and trawling	108 licence holders
Barramundi	barramundi and threadfin	gillnet	24 licence holders
Mud crab	mud crab	crab pots	49 licence holders
Other	molluscs, oyster, trepang, squid and aquarium	hand harvest, jigging and a variety of other methods	33 licence holders
Aquaculture	pearls		7 licence holders
	prawns		9 licence holders
	barramundi		6 licence holders

Sources: Australian Fisheries Management Authority; Northern Territory Department of Primary Industry and Fisheries; ABARE.

1 Gross value of fisheries production – Australia

	2004-05 \$'000	2005-06 ^p \$'000	2006-07 ^s \$'000
State wild catch fisheries			
New South Wales	79 614	80 320	80 657
Victoria	85 859	77 452	75 237
Queensland	198 265	188 998	201 111
Western Australia	414 834	416 682	351 534
South Australia	182 959	192 674	218 684
Tasmania	166 503	170 165	180 193
Northern Territory	32 766	26 250	28 932
Total	1 160 800	1 152 541	1 136 347
Aquaculture ^a			
New South Wales	48 372	45 027	45 975
Victoria	23 946	21 003	18 697
Queensland	64 500	67 700	71 930
Western Australia	128 475	128 201	128 786
South Australia	186 643	210 482	207 815
Tasmania	157 346	245 196	295 237
Northern Territory	24 800	26 000	24 600
Total	634 082	743 609	793 039
Commonwealth fisheries			
Northern prawn	64 999	72 847	63 750
Torres Strait	34 702	27 844	23 449
SESS Commonwealth trawl sector	58 926	43 627	54 539
SESS Commonwealth gillnet and hook sectors	24 591	21 540	23 784
SESS Commonwealth GAB trawl sector	16 654	15 505	17 991
Eastern tuna and billfish – longline and minor line	42 471	28 704	32 601
Southern bluefin tuna	43 807	37 525	40 975
Bass Strait scallop	387	191	0
Western tuna and billfish fishery	3 584	2 749	2 200
Other fisheries ^b	39 849	27 492	33 691
Total	329 970	278 025	292 981
Total value ^c	2 085 582	2 137 225	2 181 553

^a Excludes the value of hatchery fishery production. ^b Includes North west slope, Western deepwater, Southern squid, Small pelagics, Macquarie Island, Coral Sea, Cocos and Christmas Islands, Heard and McDonald Islands, SESS East Coast deepwater trawl sector, SESS Victorian coastal waters sector, Norfolk Island, South Tasman Rise and Eastern and Western Skipjack tuna fisheries. ^c Total value has been adjusted to allow for southern bluefin tuna caught in the Commonwealth southern bluefin tuna fishery, as an input to farms in South Australia. ^p Preliminary. ^s Estimates. Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; Queensland Department of Primary Industries and Fisheries; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

Production

2 Wild caught fisheries production ^a

	2004-05		2005-06 ^p		2006-07 ^s	
	t	\$'000	t	\$'000	t	\$'000
Fish						
Australian salmon	3 709	3 407	4 182	3 646	3 524	4 102
Australian sardine	48 924	25 643	29 455	16 971	32 967	20 901
Barramundi	1 440	8 886	1 576	10 462	1 407	11 111
Bream	1 150	5 902	1 094	5 644	1 172	6 674
Coral trout	1 075	16 084	1 091	16 364	1 062	33 734
Dories	1 050	3 045	872	2 934	621	2 721
Flathead	6 072	16 464	4 605	14 602	4 127	20 434
Gemfish	493	1 624	530	1 778	552	1 794
Ling	1 802	6 980	1 325	6 862	1 057	6 194
Mullet	6 325	14 636	5 684	13 407	5 015	11 934
Orange roughy	3 394	15 035	2 381	6 370	1 129	3 603
Sharks ^b	10 862	48 108	9 121	36 599	8 096	30 682
Spanish mackerel	1 411	9 033	1 393	8 848	1 371	8 833
Tuna	9 045	71 693	9 070	56 209	10 928	64 176
Whiting	3 975	15 344	4 357	17 086	3 916	20 170
Other	60 939	193 699	57 754	175 601	49 805	190 599
Total	161 664	455 581	134 490	393 382	126 752	437 663
Crustaceans						
Crabs	6 609	47 206	6 034	45 300	5 823	52 420
Prawns	20 460	256 742	19 999	256 516	17 297	219 842
Rock lobster	18 492	421 717	16 217	466 653	13 698	441 249
Other	397	6 325	288	3 422	752	14 510
Total	45 958	731 990	42 538	771 891	37 570	728 021
Molluscs						
Abalone	5 594	219 852	5 011	207 488	4 996	199 261
Octopus	619	3 330	466	3 157	405	2 755
Pipi	2 017	5 047	1 709	5 061	1 394	4 392
Scallops	15 542	47 048	9 058	25 797	10 398	28 344
Squid	4 032	10 596	2 715	8 147	3 587	11 160
Other	683	15 390	496	14 452	691	16 443
Total	28 487	301 262	19 455	264 101	21 471	262 354
Other NEI	191	1 937	122	1 190	131	1 290
Total wild caught	236 300	1 490 770	196 604	1 430 565	185 925	1 429 328

^a State and Commonwealth wildcaught production. ^b Shark converted to whole weight. ^p Preliminary. ^s Estimate.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; Queensland Department of Primary Industries and Fisheries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

3 Fisheries production in 2004-05, by state – Australia ^a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'wlth	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	0	0	0	82	139 955	0	46	71 564	172 377 b
Salmonids c	1 784	10 533	0	0	545	134 060	0	0	146 922
Other	44 555	14 927	79 095	50 103	39 121	3 566	26 872	153 629 d	411 868
Total	46 339	25 460	79 095	50 185	179 621	137 626	26 918	225 193	731 167
Crustaceans									
Prawns	20 364	306	127 032	43 858	35 805	0	0	79 741	307 105
Rock lobster	3 769	14 183	2 254	264 659	66 041	47 837	0	15 963	414 705
Crab	4 224	753	24 299	7 646	4 125	1 628	4 370	160	47 206
Other	1 504	228	8 292	2 918	1 111	1	235	4 268	18 556
Total	29 860	15 470	161 877	319 081	107 082	49 466	4 605	100 132	787 573
Molluscs									
Abalone	7 849	64 589	0	12 650	39 139	108 779	0	0	233 006
Scallops	0	424	16 069	23 529	0	6 566	0	460	47 048
Oysters	35 886	0	736	0	19 995	17 468	0	0	74 085
Squid	1 425	735	1 192	277	2 823	617	7	3 520	10 596
Other	4 715	3 127	0	136 848	3 927	3 162	1 236	390	153 406
Total	49 875	68 875	17 997	173 304	65 884	136 592	1 243	4 371	518 140
Other NEI	1 912	0	3 797	739	17 015	165	24 800	274	48 702
Total value	127 986	109 805	262 765	543 309	369 602	323 849	57 566	329 970 e	2 085 582 b
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	0	0	0	12	7 458	0	12	9 021	11 288 b
Salmonids c	218	1 631	0	0	66	15 148	0	0	17 063
Other	13 730	3 095	13 363	16 186	50 084	1 029	5 433	52 440 d	155 359
Total	13 948	4 726	13 363	16 198	57 608	16 177	5 445	61 460	183 710
Crustaceans									
Prawns	1 595	23	9 639	3 638	2 173	0	0	6 650	23 718
Rock lobster	98	472	188	12 303	2 343	1 611	0	873	17 888
Crab	387	36	3 636	1 269	780	59	427	15	6 609
Other	111	20	704	158	62	0	28	215	1 298
Total	2 191	551	14 166	17 368	5 358	1 670	455	7 753	49 513
Molluscs									
Abalone	189	1 614	0	304	1 079	2 798	0	0	5 984
Scallops	0	266	3 224	6 879	0	4 831	0	343	15 542
Oysters	4 727	0	0	0	4 650	2 465	0	0	11 843
Squid	399	100	238	74	504	117	1	2 598	4 032
Other	952	1 342	0	838	1 973	834	144	135	6 219
Total	6 268	3 322	3 462	8 095	8 206	11 045	146	3 076	43 620
Other NEI	20	0	46	91	2 019	77	0	3	2 256
Total quantity	22 427	8 600	31 037	41 752	73 191	28 968	6 045	72 293 e	279 099 b

a State totals include estimates of aquaculture production but exclude hatchery. **b** Total has been adjusted to allow for southern bluefin tuna caught in the Commonwealth southern bluefin tuna fishery, as an input to farms in South Australia. **c** Includes salmon and trout production. **d** Includes the fish component of Commonwealth fisheries, plus catch from Commonwealth fisheries that cannot be disaggregated due to confidentiality reasons. **e** Totals include all fisheries under federal jurisdiction.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; Queensland Department of Primary Industries and Fisheries; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

Production

4 Fisheries production in 2005-06, by state – Australia ^{ap}

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'wth	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	0	0	0	67	155 795	0	17	56 125	175 055 b
Salmonids c	1 742	8 163	0	0	356	221 019	0	0	231 280
Other	48 040	14 116	82 448	44 469	34 174	3 769	20 860	118 927 d	366 802
Total	49 782	22 279	82 448	44 536	190 325	224 788	20 877	175 051	773 137
Crustaceans									
Prawns	18 254	330	126 975	38 593	36 909	0	0	85 342	306 403
Rock lobster	4 161	14 542	2 032	292 242	81 170	52 680	0	12 301	459 128
Crab	5 319	728	22 175	6 405	4 155	1 966	4 498	55	45 300
Other	1 153	283	8 824	2 514	539	0	280	1 606	15 199
Total	28 887	15 883	160 007	339 754	122 773	54 646	4 778	99 304	826 031
Molluscs									
Abalone	5 545	56 545	0	12 828	42 081	108 096	0	0	225 095
Scallops	0	1 051	8 920	9 255	0	6 374	0	198	25 797
Oysters	34 093	0	575	0	23 879	16 720	0	0	75 267
Squid	1 347	669	812	118	2 101	221	7	2 872	8 147
Other	4 168	2 028	0	137 372	4 405	4 431	588	564	153 556
Total	45 153	60 294	10 307	159 573	72 467	135 841	595	3 634	487 862
Other NEI	1 525	0	3 937	1 020	17 591	86	26 000	36	50 194
Total value	125 347	98 455	256 698	544 883	403 156	415 360	52 250	278 025 e	2 137 225 b
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	0	0	0	13	8 806	0	12	9 045	12 686 b
Salmonids c	196	1 491	0	0	53	19 219	0	0	20 959
Other	13 681	3 111	13 797	15 407	32 459	905	4 984	44 123 d	128 465
Total	13 877	4 601	13 797	15 420	41 318	20 124	4 995	53 168	162 110
Crustaceans									
Prawns	1 426	25	9 844	3 386	2 070	0	0	6 789	23 540
Rock lobster	101	410	169	10 441	2 365	1 482	0	599	15 567
Crab	430	23	3 396	1 048	791	63	272	11	6 034
Other	76	24	756	137	31	0	31	145	1 199
Total	2 033	482	14 165	15 012	5 257	1 545	302	7 543	46 340
Molluscs									
Abalone	129	1 407	0	309	1 146	2 526	0	0	5 517
Scallops	0	738	1 797	2 780	0	3 566	0	177	9 058
Oysters	4 267	0	0	0	5 397	2 389	0	0	12 052
Squid	290	76	162	32	311	46	1	1 796	2 715
Other	583	992	0	1 022	1 998	1 125	60	80	5 860
Total	5 269	3 213	1 959	4 143	8 852	9 652	62	2 053	35 201
Other NEI	16	0	63	66	2 148	34	0	5	2 332
Total quantity	21 194	8 296	29 984	34 641	57 575	31 355	5 359	62 769 e	245 983 b

a State totals include estimates of aquaculture production but exclude hatchery. **b** Total has been adjusted to allow for southern bluefin tuna caught in the Commonwealth southern bluefin tuna fishery, as an input to farms in South Australia. **c** Includes salmon and trout production. **d** Includes the fish component of Commonwealth fisheries, plus catch from Commonwealth fisheries that cannot be disaggregated due to confidentiality reasons. **e** Totals include all fisheries under federal jurisdiction. **p** Preliminary.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; Queensland Department of Primary Industries and Fisheries; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

5 Fisheries production in 2006-07, by state – Australia ^{as}

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'wth	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	0	0	0	256	137 650	0	15	63 905	161 012 b
Salmonids c	1 668	6 955	0	0	291	271 823	0	0	280 738
Other	49 757	15 381	104 228	36 120	38 583	3 610	20 915	138 868 d	407 463
Total	51 425	22 337	104 228	36 376	176 525	275 433	20 930	202 774	849 213
Crustaceans									
Prawns	16 920	675	101 760	29 354	42 656	0	0	73 700	265 064
Rock lobster	5 199	15 555	8 200	246 739	96 745	59 162	0	9 648	441 249
Crab	4 696	759	26 692	7 178	5 834	1 535	5 657	70	52 420
Other	1 190	125	12 675	3 022	953	0	11	1 793	19 770
Total	28 005	17 114	149 326	286 293	146 188	60 698	5 668	85 211	778 503
Molluscs									
Abalone	4 984	50 276	0	10 839	38 684	111 284	0	0	216 067
Scallops	0	908	11 716	8 155	0	7 562	1	2	28 344
Oysters	36 446	0	535	0	37 841	15 746	0	0	90 568
Squid	859	785	541	211	2 734	1 690	2	4 339	11 160
Other	2 942	2 513	1 635	137 015	6 013	2 982	2 331	385	155 816
Total	45 231	54 483	14 427	156 220	85 272	139 264	2 333	4 726	501 956
Other NEI	1 971	0	5 060	1 431	18 514	34	24 600	271	51 881
Total value	126 632	93 934	273 041	480 320	426 499	475 429	53 532	292 981 e	2 181 553 b
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	0	0	0	37	7 486	0	10	10 881	13 072 b
Salmonids c	217	1 361	0	0	38	23 637	0	0	25 253
Other	13 480	3 497	13 994	11 420	34 086	635	5 125	36 950 d	119 186
Total	13 697	4 858	13 994	11 457	41 610	24 272	5 135	47 830	157 511
Crustaceans									
Prawns	1 382	56	8 057	2 644	2 233	0	0	6 217	20 589
Rock lobster	110	394	220	8 662	2 385	1 506	0	421	13 698
Crab	374	25	3 124	1 183	720	47	342	8	5 823
Other	70	11	647	159	47	0	1	108	1 043
Total	1 936	486	12 048	12 648	5 385	1 553	343	6 754	41 153
Molluscs									
Abalone	122	1 342	0	279	1 079	2 642	0	0	5 464
Scallops	0	603	3 335	2 284	0	4 174	0	2	10 398
Oysters	4 330	0	0	0	7 720	2 249	0	0	14 299
Squid	160	62	108	55	297	771	0	2 134	3 587
Other	349	892	0	872	2 504	734	239	45	5 635
Total	4 961	2 899	3 443	3 490	11 600	10 571	239	2 181	39 384
Other NEI	68	0	64	81	1 953	17	0	15	2 198
Total quantity	20 662	8 243	29 549	27 676	60 548	36 413	5 717	56 781 e	240 246 b

a State totals include estimates of aquaculture production but exclude hatchery. **b** Total has been adjusted to allow for southern bluefin tuna caught in the Commonwealth southern bluefin tuna fishery, as an input to farms in South Australia. **c** Includes salmon and trout production. **d** Includes the fish component of Commonwealth fisheries, plus catch from Commonwealth fisheries that cannot be disaggregated due to confidentiality reasons. **e** Totals include all fisheries under federal jurisdiction. **s** Estimate.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; Queensland Department of Primary Industries and Fisheries; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

Production

6 Fisheries production in 2006-07, by location of catch – Australia ^{as}

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Other ^b	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	4 398	1	17 965	902	178 545	0	15	0	161 012 ^c
Salmonids	1 668	6 955	0	0	291	271 823	0	0	280 738
Other	66 931	51 913	116 400	38 629	62 951	19 368	20 944	30 328	407 463
Total	72 997	58 869	134 365	39 530	241 787	291 191	20 959	30 328	849 213
Crustaceans									
Prawns	17 295	675	133 361	30 422	42 656	0	40 620	36	265 064
Rock lobster	5 199	15 555	17 830	246 739	96 745	59 162	0	18	441 249
Crab	4 728	788	26 692	7 178	5 836	1 542	5 657	0	52 420
Other	1 229	324	13 017	3 024	1 000	6	333	837	19 770
Total	28 451	17 342	190 900	287 362	146 237	60 710	46 610	891	778 503
Molluscs									
Abalone	4 984	50 276	0	10 839	38 684	111 284	0	0	216 067
Scallops	0	908	11 716	8 155	0	7 562	3	0	28 344
Oysters	36 446	0	535	0	37 841	15 746	0	0	90 568
Squid	1 383	1 882	1 478	216	3 239	1 873	48	1 042	11 160
Other	3 060	2 667	1 638	137 015	6 015	3 087	2 332	2	155 816
Total	45 873	55 733	15 367	156 225	85 779	139 553	2 382	1 044	501 956
Other NEI	1 971	11	5 060	1 431	18 514	34	24 600	260	51 881
Total value	149 291	131 955	345 692	484 549	492 317	491 488	94 552	32 523	2 181 553 ^{cd}
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	735	0	4 600	150	12 918	0	10	0	13 072 ^c
Salmonids	217	1 361	0	0	38	23 637	0	0	25 253
Other	18 350	13 205	16 408	11 985	39 793	4 521	5 130	9 794	119 186
Total	19 302	14 567	21 008	12 135	52 749	28 158	5 140	9 794	157 511
Crustaceans									
Prawns	1 558	56	11 231	2 758	2 233	0	2 748	5	20 589
Rock lobster	110	394	641	8 662	2 385	1 506	0	1	13 698
Crab	377	28	3 124	1 183	720	48	342	0	5 823
Other	72	22	675	159	50	0	20	43	1 043
Total	2 118	501	15 671	12 762	5 388	1 555	3 110	48	41 153
Molluscs									
Abalone	122	1 342	0	279	1 079	2 642	0	0	5 464
Scallops	0	603	3 335	2 284	0	4 174	2	0	10 398
Oysters	4 330	0	0	0	7 720	2 249	0	0	14 299
Squid	429	659	288	58	480	861	10	801	3 587
Other	363	911	0	872	2 504	746	239	0	5 635
Total	5 244	3 515	3 623	3 493	11 783	10 673	251	801	39 384
Other NEI	68	7	64	81	1 953	17	0	9	2 198
Total quantity	26 732	18 589	40 367	28 471	71 874	40 402	8 501	10 652	240 246 ^{cd}

^a Commonwealth, state and territory production is allocated according to the state or territory waters in which the catch was taken. The totals include aquaculture production but exclude hatchery production. ^b Includes Commonwealth fisheries that have been aggregated for reasons of confidentiality – they are, North west slope, Western deep water, Southern squid, small pelagics mackerel, Macquarie Island, Heard and McDonald Islands, Coral Sea, Cocos and Christmas Islands fisheries. ^c Total has been adjusted to allow for southern bluefin tuna caught in the Commonwealth southern bluefin tuna fishery, as an input to farms in South Australia. ^d Totals include confidential Commonwealth landings and only sum across. ^s Estimates.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; Queensland Department of Primary Industries and Fisheries; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

7 Fisheries production – New South Wales

	2004-05		2005-06 ^p		2006-07 ^s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	98	3 769	101	4 161	110	5 199
King prawns	606	12 487	516	9 944	454	8 842
School prawns	540	2 853	571	4 116	666	5 109
Other prawns	155	560	98	807	63	389
Crabs	387	4 224	430	5 319	374	4 696
Other	88	1 140	57	938	49	933
Total a	1 874	25 033	1 773	25 285	1 716	25 168
Molluscs						
Abalone	189	7 849	129	5 545	122	4 984
Cuttlefish	256	656	167	533	90	343
Pipi	568	2 470	299	2 155	118	1 190
Octopus	293	1 933	199	1 667	154	1 299
Squid	143	769	123	814	70	516
Other	55	97	51	139	40	256
Total a	1 504	13 774	968	10 853	594	8 588
Fish						
Sea mullet	4 003	8 152	3 378	6 861	3 094	7 111
Silver trevally	352	818	341	881	260	844
Yellowtail kingfish	85	606	141	1 088	134	1 135
Jack mackerel	43	38	37	32	33	37
Black and yellowfin bream	392	3 561	382	3 382	419	3 645
Australian salmon	1 134	1 449	659	865	1 063	1 644
Snapper	227	2 125	236	2 239	231	2 425
Rubberlip morwong	63	193	58	203	39	169
Mulloway	54	417	58	412	40	352
Sand whiting	142	1 507	189	2 146	146	1 873
Luderick	326	459	372	527	389	562
School whiting	1 304	2 819	1 402	2 857	1 124	3 183
Dusky flathead	114	677	138	819	135	974
Golden perch	0	0	0	0	0	0
Other	5 048	16 760	5 834	21 000	6 027	22 203
Total a	13 287	39 581	13 225	43 312	13 134	46 157
Other NEI	20	1 226	16	870	18	744
Total wild caught	16 685	79 614	15 982	80 320	15 462	80 657
Aquaculture b						
Prawns	294	4 464	241	3 387	199	2 580
Yabbies	23	362	19	214	21	257
Oysters	4 727	35 886	4 267	34 093	4 330	36 446
Silver perch	270	2 431	301	2 770	232	2 393
Trout	218	1 784	196	1 742	217	1 668
Mussels	36	215	34	207	37	197
Barramundi	121	1 360	104	1 238	114	1 207
Snapper	0	2	0	0	0	0
Ornamentals	0	547	0	429	0	378
Other	52	1 323	52	948	50	849
Total	5 742	48 372	5 212	45 027	5 200	45 975
Total production	22 427	127 986	21 194	125 347	20 662	126 632

a Excludes catches in the Commonwealth south east and eastern tuna and billfish fisheries. **b** Excludes hatchery production. **p** Preliminary. **s** Estimates.
Sources: ABARE; New South Wales Department of Primary Industries.

Production

8 Fisheries production – Victoria

	2004-05		2005-06 ^p		2006-07 ^s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	472	14 183	410	14 542	394	15 555
Prawns	23	306	25	330	56	675
Crabs	36	753	23	728	25	759
Other	16	150	19	203	9	99
Total	547	15 392	477	15 803	484	17 088
Molluscs						
Abalone	1 490	60 135	1 246	50 912	1 221	45 932
Scallops	266	424	738	1 051	603	908
Squid ^a	100	735	76	669	62	785
Octopus	19	78	17	86	21	127
Other	63	233	42	77	47	78
Total	1 938	61 605	2 119	52 795	1 954	47 830
Fish						
Australian sardine	644	708	741	653	724	616
Bream	42	390	42	435	59	628
Sea garfish	104	629	72	426	80	594
Shark ^b	55	367	47	360	47	359
Snapper	115	785	92	651	108	809
Eels	87	929	80	878	70	664
Australian salmon	531	553	643	936	906	1 399
King george whiting	141	1 788	133	1 689	162	2 133
Other	1 150	2 713	1 019	2 826	1 088	3 117
Total	2 869	8 862	2 869	8 854	3 244	10 319
Total wild caught	5 354	85 859	5 465	77 452	5 682	75 237
Aquaculture ^c						
Mussels	1 260	2 816	933	1 865	824	2 308
Yabbies	4	78	5	80	2	26
Salmonids ^d	1 631	10 533	1 491	8 163	1 361	6 955
Eels ^e	116	1 462	83	1 155	141	2 138
Ornamental fish	na	2 741	na	2 478	na	1 323
Warmwater finfish ^f	110	1 863	159	1 629	112	1 601
Abalone	124	4 454	161	5 633	121	4 344
Total	3 246	23 946	2 831	21 003	2 561	18 697
Total production	8 600	109 805	8 296	98 455	8 243	93 934

^a Arrow squid taken by machine jig are now being reported to the Commonwealth. ^b Shark data only includes Victorian bays and inlets and small quantities taken in ocean waters by non shark fishers operating in state proclaimed waters. ^c Excludes hatchery production. ^d Includes salmon and trout production. ^e Eel production data are obtained from Victorian catch and effort monthly record, and may not be complete. ^f Includes Australian bass, barramundi, catfish, golden perch, murray cod and silver perch. ^p Preliminary. ^s Estimates. ^{na} Not available.

Sources: ABARE; Fisheries Victoria, Department of Primary Industries.

9 Fisheries production – Queensland

	2004-05		2005-06 ^p		2006-07 ^s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Prawns						
Banana	499	4 494	388	3 488	396	3 242
Endeavour	823	9 881	976	11 716	633	4 553
King	2 992	35 638	2 856	34 058	2 438	31 211
Tiger	1 859	27 869	1 912	28 671	1 180	18 058
Other	501	3 250	414	2 543	324	2 151
Total	6 675	81 132	6 544	80 475	4 972	59 215
Crabs	3 636	24 299	3 396	22 175	3 124	26 692
Lobster (mainly bugs)	792	9 266	820	9 557	767	19 425
Total	11 103	114 697	10 760	112 207	8 863	105 331
Molluscs						
Scallops	3 224	16 069	1 797	8 920	3 335	11 716
Squid	238	1 192	162	812	108	541
Total	3 462	17 261	1 959	9 732	3 443	12 257
Fish						
Snapper	214	1 706	230	1 835	183	1 477
Tropical snapper	524	3 226	439	2 679	840	5 354
Barramundi	774	5 417	942	6 591	819	7 513
Bream (including tarwhine)	208	840	209	844	172	1 378
Mullet	1 748	5 260	1 803	5 417	1 394	3 486
Tailor	150	451	117	352	81	344
Whiting	1 277	3 303	1 482	3 607	1 331	5 159
Coral trout	977	14 653	1 034	15 514	996	32 566
Red throat emperor	228	1 140	218	1 091	328	2 207
Blue threadfin	253	1 014	200	799	220	881
King threadfin	438	1 752	410	1 638	393	1 707
Shark	1 564	9 384	1 542	9 252	1 534	4 601
Spotted mackerel	112	785	82	574	56	394
Spanish mackerel	510	3 570	481	3 366	493	3 451
Grey mackerel	719	5 030	714	4 995	889	4 933
Other species	2 129	8 779	2 004	8 507	1 969	8 072
Total	11 825	66 308	11 907	67 060	11 697	83 523
Total wild caught	26 390	198 265	24 626	188 998	24 003	201 111
Aquaculture ^a						
Prawns	2 964	45 900	3 300	46 500	3 085	42 545
Barramundi	1 437	11 920	1 745	14 000	2 091	18 520
Oysters	na	736	na	575	na	535
Pearls	0	0	0	0	na	1 635
Murray cod	8	92	42	531	65	937
Silver perch	62	516	61	512	90	794
Jade perch	31	259	42	345	51	454
Redclaw	99	1 280	105	1 300	100	1 450
Other ^b	46	3 797	63	3 937	64	5 060
Total	4 647	64 500	5 358	67 700	5 546	71 930
Total production	31 037	262 765	29 984	256 698	29 549	273 041

^a Excludes hatchery production. ^b Includes eels and aquarium fish. ^p Preliminary. ^s Estimates. ^{na} Not available.

Sources: ABARE; Queensland Department of Primary Industries and Fisheries.

Production

10 Fisheries production – Western Australia

	2004-05		2005-06 p		2006-07 s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	12 303	264 659	10 441	292 242	8 662	246 739
Prawns	3 638	43 858	3 386	38 593	2 644	29 354
Crabs	1 269	7 646	1 048	6 405	1 183	7 178
Other	30	313	17	174	12	120
Total	17 240	316 476	14 892	337 414	12 501	283 391
Molluscs						
Abalone	304	12 650	309	12 828	279	10 839
Scallops	6 879	23 529	2 780	9 255	2 284	8 155
Squid	74	277	32	118	55	211
Other a	307	13 333	257	13 213	250	13 203
Total	7 564	49 789	3 378	35 414	2 868	32 408
Fish						
Tuna	12	82	13	67	37	256
Shark	2 717	6 585	1 852	5 089	1 402	3 883
Sharkfin	na	2 040	na	1 199	na	860
Australian salmon	1 255	540	2 043	879	1 047	451
Cobbler	193	644	143	538	138	558
WA dhufish	227	3 070	212	2 875	163	2 199
Spanish mackerel	347	2 250	274	1 660	252	1 522
Sea mullet	250	548	202	444	220	484
Yelloweye mullet	47	69	39	58	35	51
Australian sardine	1 828	1 645	2 031	1 827	1 846	1 662
Australian herring	278	111	353	141	230	92
Whiting	188	945	185	881	144	707
Breams	159	737	123	538	134	568
Emperors	1 154	4 025	1 024	3 670	793	2 785
Pink snapper	680	3 367	693	3 428	577	2 854
Rockcods	450	2 301	459	2 265	425	2 006
Tropical snappers	2 239	11 829	2 066	10 932	1 718	9 284
Other	3 858	7 509	3 650	7 164	2 215	5 272
Total	15 882	48 297	15 362	43 655	11 376	35 494
Other NEI b	91	272	66	199	81	241
Total wild caught	40 777	414 834	33 698	416 682	26 826	351 534
Aquaculture c						
Pearls	na	122 000	na	122 000	na	122 000
Yabbies	73	1 120	66	985	82	1 305
Marron	55	1 485	54	1 355	65	1 597
Mussels	531	1 515	765	2 159	622	1 812
Fish	316	1 699	58	610	81	742
Gold fish / koi carp	na	189	na	271	na	140
Ornamental	na	147	na	213	na	310
Other d	na	320	na	608	na	880
Total	975	128 475	943	128 201	850	128 786
Total production	41 752	543 309	34 641	544 883	27 676	480 320

a Value includes pearl oyster shells taken, including those taken for 'mother of pearl', and mussels. b Includes beche de mer, sea urchins etc. previously reported under molluscs other. c Aquaculture excludes algae production for betacarotene and hatchery production. Some quantity data not available due to confidentiality restrictions. d Includes other molluscs and crustaceans. p Preliminary. s Estimates. na Not available.

Sources: ABARE; Department of Fisheries, Western Australia.

11 Fisheries production – South Australia

	2004-05		2005-06 p		2006-07 s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Prawns	2 173	35 805	2 070	36 909	2 233	42 656
Rock lobster	2 343	66 041	2 365	81 170	2 385	96 745
Crab	780	4 125	791	4 155	720	5 834
Other	20	218	19	221	18	231
Total	5 316	106 189	5 245	122 455	5 356	145 466
Molluscs						
Abalone	902	33 821	896	33 859	883	31 529
Pipi	1 103	1 352	1 025	1 650	994	1 941
Squid	504	2 823	311	2 101	297	2 734
Other	493	1 918	504	1 805	478	2 158
Total	3 002	39 914	2 736	39 415	2 652	38 362
Fish a						
Australian salmon	137	227	180	354	161	260
Mullet	160	361	164	414	177	513
Australian herring	183	353	126	318	105	333
Snapper	504	3 301	529	3 252	644	4 134
King george whiting	347	3 585	336	3 944	361	4 857
Garfish	364	1 929	369	2 104	293	1 818
Leatherjackets	349	519	168	228	68	103
Australian sardine	46 388	23 194	28 626	16 031	30 355	18 517
Yellowfin whiting	138	764	130	848	85	681
Snook	83	188	61	171	64	226
Golden perch	102	1 034	123	1 222	152	1 411
Other species	1 112	1 401	1 247	1 918	1 236	2 003
Total	49 867	36 856	32 059	30 804	33 701	34 856
Total wild caught	58 185	182 959	40 040	192 674	41 709	218 684
Aquaculture b						
Yabbies	20	306	2	36	5	89
Marron	22	587	10	282	24	633
Oysters	4 650	19 995	5 397	23 879	7 720	37 841
Southern bluefin tuna c	7 458	139 955	8 806	155 795	7 486	137 650
Barramundi	217	2 265	400	3 370	385	3 727
Trout	66	545	53	356	38	291
Abalone	177	5 318	250	8 222	196	7 155
Mussels	377	657	469	950	1 032	1 914
Other d	2 019	17 015	2 148	17 591	1 953	18 514
Total	15 006	186 643	17 535	210 482	18 839	207 815
Total production	73 191	369 602	57 575	403 156	60 548	426 499

a Excludes shark from the southern shark fishery. **b** Excludes hatchery production. Data from 2004-05 from Primary Industries and Resources South Australia. **c** Processed weight. Input of wildcaught southern bluefin tuna from Commonwealth southern bluefin tuna fishery was 5215 tonnes in 2004-05, 5189 tonnes in 2005-06 and 5342 tonnes in 2006-07. **d** Includes snapper, microalgae, murray cod, yellowtail kingfish, golden perch and aquarium fish. **p** Preliminary. **s** Estimates.

Sources: ABARE; South Australian Research and Development Institute; Primary Industries and Resources, South Australia.

Production

12 Fisheries production – Tasmania

	2004-05		2005-06 ^p		2006-07 ^s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	1 611	47 837	1 482	52 680	1 506	59 162
Giant crab	59	1 628	63	1 966	47	1 535
Other	0	1	0	0	0	0
Total	1 670	49 466	1 545	54 646	1 553	60 698
Molluscs						
Abalone	2 709	105 397	2 431	104 344	2 491	105 977
Octopus	81	451	98	518	48	275
Scallop	4 831	6 566	3 566	6 374	4 174	7 562
Other	174	893	85	429	828	2 036
Total	7 795	113 306	6 180	111 664	7 540	115 850
Fish ^a						
Australian salmon	369	516	300	468	115	248
Cod	2	3	2	5	3	6
Garfish	86	443	89	498	49	330
Banded morwong	49	471	56	552	48	539
Jackass morwong	14	30	11	23	10	21
Elephantfish	8	17	6	13	9	21
Bastard trumpeter	18	71	23	116	20	86
Striped trumpeter	26	238	20	185	19	130
School whiting	38	83	28	66	40	113
Wrasse	99	861	92	900	109	1 171
Shark	47	171	25	131	25	139
Other	274	663	252	814	189	807
Total	1 029	3 566	905	3 769	635	3 610
Other NEI	77	165	34	86	17	34
Total wild caught	10 570	166 503	8 665	170 165	9 746	180 193
Aquaculture ^b						
Salmonids ^c	15 148	134 060 ^d	19 219	221 019	23 637	271 823
Oysters	2 465	17 468	2 389	16 720	2 249	15 746
Mussels	696	2 436	988	3 705	629	2 360
Abalone	89	3 382	95	3 753	152	5 307
Total	18 398	157 346	22 691	245 196	26 667	295 237
Total production	28 968	323 849	31 355	415 360	36 413	475 429

^a Excludes shark from the Commonwealth southern shark fishery. ^b Excludes hatchery production. ^c Includes salmon and trout production, weight in HOGG (head on, gilled and gutted). ^d ABARE estimate. ^p Preliminary. ^s Estimates.

Sources: ABARE; Tasmanian Department of Primary Industries and Water.

13 Fisheries production – Northern Territory

	2004-05		2005-06 ^p		2006-07 ^s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Crab	427	4 370	272	4 498	342	5 657
Other	28	235	31	280	1	11
Total	455	4 605	302	4 778	343	5 668
Molluscs						
Scallops	0	0	0	0	0	1
Squid	1	7	1	7	0	2
Other	144	1 236	60	588	239	2 331
Total	146	1 243	62	595	239	2 333
Fish						
Tuna	12	46	12	17	10	15
Shark	1 299	8 137	857	2 184	870	1 891
Snapper	277	1 717	290	1 044	338	1 222
Barramundi	666	3 469	634	3 871	588	3 598
Threadfin salmon	347	671	349	884	406	1 024
Jewfish (mulloway)	308	753	248	636	240	641
Emperor	79	449	75	404	90	451
Cod	39	187	41	150	51	188
Spanish mackerel	915	4 042	916	4 505	850	4 287
Goldband snapper	597	3 556	623	3 885	626	3 909
Sea perch	706	3 278	744	2 771	843	3 139
Other	198	611	206	524	222	564
Total	5 445	26 918	4 995	20 877	5 135	20 930
Total wild caught	6 045	32 766	5 359	26 250	5 717	28 932
Aquaculture ^a	na	24 800	na	26 000	na	24 600
Total production	6 045	57 566	5 359	52 250	5 717	53 532

^a Includes pearls and aquarium production. These values are based on derived estimates from a limited number of operators. Excludes hatchery production. Quantities not available due to confidentiality restrictions. ^p Preliminary. ^s Estimates. **na** Not available.
Sources: ABARE; Northern Territory Department of Primary Industries, Fisheries and Mines.

Production

14 Fisheries production – Commonwealth

	2004-05		2005-06 p		2006-07 s	
	t	\$'000	t	\$'000	t	\$'000
Northern prawn						
Prawn						
Tiger	1 785	29 152	1 749	35 661	1 834	33 302
Banana	2 827	31 057	3 247	32 799	2 674	24 762
Endeavour	412	3 948	281	3 251	355	3 828
King	2	30	19	249	28	363
Other prawns	9	75	8	60	1	15
Total prawns	5 035	64 263	5 305	72 020	4 893	62 271
Other species	89	736	95	826	239	1 480
Total	5 124	64 999	5 400	72 847	5 131	63 750
Torres Strait						
Prawn						
Tiger	706	9 525	567	7 226	573	7 063
Endeavour	663	4 908	694	5 206	512	3 207
King	59	587	47	534	48	667
Other prawns	12	123	8	88	11	82
Other ^a	35	439	26	187	28	309
Total	1 474	15 582	1 342	13 241	1 171	11 327
Tropical rock lobster	872	15 946	597	12 258	420	9 630
Spanish mackerel						
Spanish mackerel	191	1 432	208	1 401	161	1 227
Other species	18	28	9	45	3	12
Total	209	1 460	216	1 447	164	1 239
Reef line ^b	154	1 714	67	898	79	1 253
Pearls	0	0	0	0	0	0
Total	2 710	34 702	2 223	27 844	1 835	23 449
SESS Commonwealth trawl sector ^c						
Orange roughy	3 166	14 027	2 218	5 768	906	2 891
Blue grenadier	6 310	11 295	4 230	7 167	3 756	13 896
Tiger flathead	3 338	6 843	2 563	5 971	2 628	12 245
Redfish	510	716	489	880	218	563
Blue warehou	267	573	397	723	290	683
Silver warehou	2 787	3 646	2 586	3 362	2 408	4 383
School whiting	290	387	370	802	367	980
Jackass morwong	783	1 628	770	1 432	629	1 637
Ling	872	3 621	741	3 991	645	3 782
Gemfish	221	729	253	737	194	629
Silver trevally	86	137	90	190	74	225
Mirror dory	574	1 004	489	1 217	298	1 005
Royal red prawn	173	328	167	266	175	373
Ocean perch	327	876	223	459	156	551
John dory	142	890	100	815	64	471
Blue eye trevalla	47	322	55	385	60	450
Gummy shark	98	571	89	452	81	465
School shark	23	102	19	95	17	108
Saw shark	140	407	154	380	133	340
Elephant fish	48	87	65	76	36	42
Other	4 854	10 736	3 869	8 459	3 194	8 820
Total	25 055	58 926	19 937	43 627	16 328	54 539

Continued

14 Fisheries production – Commonwealth *continued*

	2004-05		2005-06 p		2006-07 s	
	t	\$'000	t	\$'000	t	\$'000
SESS Commonwealth gillnet and hook sectors d						
Blue eye trevalla	453	3 406	484	2 948	614	4 629
Blue warehou	1	3	1	2	1	3
ling	892	3 228	541	2 701	381	2 234
Gummy shark	2 453	14 302	2 179	11 613	2 191	12 622
School shark	261	1 144	308	1 541	256	1 635
Saw shark	307	596	264	542	199	509
Elephant fish	57	103	71	82	70	82
Other shark	199	401	232	439	197	403
Other species	418	1 407	423	1 673	340	1 667
Total	5 041	24 591	4 502	21 540	4 250	23 784
SESS Commonwealth GAB trawl sector c						
Orange roughy	185	820	150	570	223	711
Deepwater flathead	2 281	7 708	1 546	6 260	1 040	5 552
Bight redfish	1 006	1 820	790	1 974	1 024	4 608
Leather jacket	535	711	463	755	324	784
Angel shark	319	475	336	508	278	461
Boarfish	159	358	193	503	140	467
Jackass morwong	125	260	134	180	125	326
Squid	116	278	243	404	178	487
Knifejaw	92	61	102	67	65	59
Gemfish	257	845	252	971	320	1 039
Blue grenadier	342	612	224	688	101	375
Queen snapper	74	350	70	186	66	232
Silver warehou	20	26	44	58	63	114
School shark	3	13	2	9	3	16
Gummy shark	94	547	88	421	82	474
Saw shark	64	187	81	246	54	137
Elephant fish	2	4	4	6	3	4
Other	591	1 579	684	1 700	625	2 145
Total	6 263	16 654	5 406	15 505	4 714	17 991

Continued

Production

14 Fisheries production – Commonwealth *continued*

	2004-05		2005-06 p		2006-07 s	
	t	\$'000	t	\$'000	t	\$'000
Eastern tuna and billfish – longline and minor line						
Yellowfin	1 960	16 795	1 385	10 262	1 800	11 358
Skipjack	1	2	13	13	68	62
Albacore	632	1 074	1 299	2 468	2 814	5 910
Bigeye	858	8 675	516	4 483	642	4 867
Billfish	2 068	13 678	1 911	10 209	1 633	9 017
Other	742	2 246	635	1 269	737	1 388
Total	6 261	42 471	5 758	28 704	7 695	32 601
Southern bluefin tuna	5 421	43 807	5 220	37 525	5 350	40 975
Western tuna and billfish f						
Albacore	18	31	7	13	11	23
Skipjack	0	0	0	0	0	0
Yellowfin	48	424	43	317	33	184
Bigeye	64	651	56	486	69	439
Other tuna	17	101	15	44	0	0
Billfish	316	2 312	334	1 859	304	1 517
Other species	31	63	25	30	15	37
Total	495	3 584	480	2 749	432	2 200
Bass Strait scallop	339	387	171	191	0	0
Other fisheries e	15 582	39 849	13 672	27 492	11 045	33 691
Total production	72 293	329 970	62 769	278 025	56 781	292 981

a Mainly Morten Bay bugs, scallops and squid. **b** Includes non-spanish mackerel fish caught by long line. **c** Shark converted to whole weight. **d** Although shark quotas are reported as trunk weight, shark weights reported in this table are whole weight equivalents. **e** Includes north west slope, western deepwater, southern squid, small pelagics, Macquarie Island, Coral Sea, Cocos and Christmas Islands, SESS Victorian coastal waters sector (trawl), Heard and MacDonald Islands, SESS East coast deepwater trawl sector, and Norfolk Island fisheries. **f** Quantity and value by species in 2005-06 and 2006-07 are confidential. **p** Preliminary. **s** Estimates. **na** Not available.
Sources: Australian Fisheries Management Authority; ABARE.

15 Aquaculture production in 2004-05, by state – Australia ^a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmonids b	1 784	10 533	0	0	545	134 060 s	na	146 922
Tuna	0	0	0	0	139 955	0	na	139 955
Silver perch	2 431	0	516	0	0	0	na	2 947
Barramundi	1 360	0	11 920	0	2 265	0	na	15 545
Other c	1 184	6 065	351	1 888	0	0	na	9 488
Total	6 758	16 598	12 787	1 888	142 765	134 060	na	314 856
Crustaceans								
Prawn	4 464	0	45 900	0	0	0	na	50 364
Yabbies	362	78	0	1 120	306	0	na	1 866
Marron	0	0	0	1 485	587	0	na	2 072
Redclaw	2	0	1 280	0	0	0	na	1 282
Total	4 827	78	47 180	2 605	893	0	na	55 583
Molluscs								
Edible oysters	35 886	0	736	0	19 995	17 468	na	74 085
Pearl oysters d	0	0	0	122 000	0	0	na	122 000
Mussels	215	2 816	0	1 515	657	2 436	na	7 639
Other e	0	4 454	0	0	5 318	3 382	na	13 154
Total	36 101	7 270	736	123 515	25 970	23 286	na	216 878
Other NEI f	686	0	3 797	467	17 015	0	24 800	46 765
Total value	48 372	23 946	64 500	128 475	186 643	157 346	24 800	634 082
Quantity	t	t	t	t	t	t	t	t
Fish								
Salmonids b	218	1 631	0	0	66	15 148	na	17 063
Tuna	0	0	0	0	7 458	0	na	7 458
Silver perch	270	0	62	0	0	0	na	332
Barramundi	121	0	1 437	0	217	0	na	1 775
Other c	52	226	39	316	0	0	na	633
Total	661	1 857	1 538	316	7 741	15 148	na	27 261
Crustaceans								
Prawn	294	0	2 964	0	0	0	na	3 258
Yabbies	23	4	0	73	20	0	na	120
Marron	0	0	0	55	22	0	na	77
Redclaw	0	0	99	0	0	0	na	99
Total	317	4	3 063	128	42	0	na	3 555
Molluscs								
Edible oysters	4 727	0	0	0	4 650	2 465	na	11 843
Pearl oysters	0	0	0	0	0	0	na	0
Mussels	36	1 260	0	531	377	696	na	2 900
Other e	0	124	0	0	177	89	na	390
Total	4 764	1 384	0	531	5 204	3 250	na	15 133
Other NEI f	0	0	46	0	2 019	0	na	2 065
Total quantity	5 742	3 246	4 647	975	15 006	18 398	na	48 014

a Excludes hatchery production, crocodiles, microalgae and aquarium worms. **b** Includes salmon and trout production. **c** Includes eels, other native fish and aquarium fish. **d** Total value of pearl production will be an underestimate as it excludes the value of production in NT which remains confidential. **e** Includes scallops, giant clams and abalone. **f** Includes aquaculture production not elsewhere specified due to confidentiality restrictions. In Victoria, this includes abalone, warmwater finfish, ornamental fish, other shellfish, shrimps and aquatic worms. In Western Australia, this includes some other crustaceans and molluscs not specified above. In South Australia, this includes snapper, microalgae, aquarium species, murray cod and collop. Total only sums across. **na** Not available.

Sources: ABARE; Queensland Bribie Island Aquaculture Research Centre; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

Production

16 Aquaculture production in 2005-06, by state – Australia ^{ap}

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmonids b	1 742	8 163	0	0	356	221 019	na	231 280
Tuna	0	0	0	0	155 795	0	na	155 795
Silver perch	2 770	0	512	0	0	0	na	3 282
Barramundi	1 238	0	14 000	0	3 370	0	na	18 608
Other c	720	5 262	876	881	0	0	na	7 739
Total	6 470	13 425	15 388	881	159 521	221 019	na	416 704
Crustaceans								
Prawn	3 387	0	46 500	0	0	0	na	49 887
Yabbies	214	80	0	985	36	0	na	1 314
Marron	0	0	0	1 355	282	0	na	1 637
Redclaw	2	0	1 300	0	0	0	na	1 302
Total	3 602	80	47 800	2 340	318	0	na	54 140
Molluscs								
Edible oysters	34 093	0	575	0	23 879	16 720	na	75 267
Pearl oysters d	0	0	0	122 000	0	0	na	122 000
Mussels	207	1 865	0	2 159	950	3 705	na	8 886
Other e	0	5 633	0	0	8 222	3 753	na	17 608
Total	34 300	7 499	575	124 159	33 052	24 177	na	223 761
Other NEI f	655	0	3 937	821	17 591	0	26 000	49 004
Total value	45 027	21 003	67 700	128 201	210 482	245 196	26 000	743 609
Quantity	t	t	t	t	t	t	t	t
Fish								
Salmonids b	196	1 491	0	0	53	19 219	na	20 959
Tuna	0	0	0	0	8 806	0	na	8 806
Silver perch	301	0	61	0	0	0	na	362
Barramundi	104	0	1 745	0	400	0	na	2 249
Other c	52	242	84	58	0	0	na	435
Total	652	1 732	1 890	58	9 259	19 219	na	32 810
Crustaceans								
Prawn	241	0	3 300	0	0	0	na	3 541
Yabbies	19	5	0	66	2	0	na	91
Marron	0	0	0	54	10	0	na	64
Redclaw	0	0	105	0	0	0	na	105
Total	260	5	3 405	120	12	0	na	3 802
Molluscs								
Edible oysters	4 267	0	0	0	5 397	2 389	na	12 052
Pearl oysters	0	0	0	0	0	0	na	0
Mussels	34	933	0	765	469	988	na	3 189
Other e	0	161	0	0	250	95	na	506
Total	4 301	1 094	0	765	6 116	3 472	na	15 747
Other NEI f	0	0	63	0	2 148	0	na	2 211
Total quantity	5 212	2 831	5 358	943	17 535	22 691	na	54 569

a Excludes hatchery production, crocodiles, microalgae and aquarium worms. **b** Includes salmon and trout production. **c** Includes eels, other native fish and aquarium fish. **d** Total value of pearl production will be an underestimate as it excludes the value of production in NT which remains confidential. **e** Includes scallops, giant clams and abalone. **f** Includes aquaculture production not elsewhere specified due to confidentiality restrictions. In Victoria, this includes abalone, warmwater finfish, ornamental fish, other shellfish, shrimps and aquatic worms. Total only sums across. **p** preliminary. **na** Not available.

Sources: ABARE; Queensland Bribie Island Aquaculture Research Centre; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

17 Aquaculture production in 2006-07, by state – Australia as

Value	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmonids b	1 668	6 955 b	0	0	291	271 823	na	280 738
Tuna	0	0	0	0	137 650	0	na	137 650
Silver perch	2 393	0	794	0	0	0	na	3 187
Barramundi	1 207	0	18 520	0	3 727	0	na	23 454
Other c	0	5 062	1 391	882	0	0	na	7 335
Total	5 268	12 018	20 705	882	141 669	271 823	na	452 364
Crustaceans								
Prawn	2 580	0	42 545	0	0	0	na	45 125
Yabbies	257	26	0	1 305	89	0	na	1 677
Marron	0	0	0	1 597	633	0	na	2 230
Redclaw	0	0	1 450	0	0	0	na	1 450
Total	2 837	26	43 995	2 902	722	0	na	50 482
Molluscs								
Edible oysters	36 446	0	535	0	37 841	15 746	na	90 568
Pearl oysters d	0	0	1 635	122 000	0	0	na	123 635
Mussels	197	2 308	0	1 812	1 914	2 360	na	8 591
Other e	0	4 344	0	0	7 155	5 307	na	16 807
Total	36 643	6 653	2 170	123 812	46 910	23 414	na	239 601
Other NEI f	1 227	0	5 060	1 190	18 514	0	24 600	50 591
Total value	45 975	18 697	71 930	128 786	207 815	295 237	24 600	793 039
Quantity	t	t	t	t	t	t	t	t
Fish								
Salmonids b	217	1 361 b	0	0	38	23 637	na	25 253
Tuna	0	0	0	0	7 486	0	na	7 486
Silver perch	232	0	90	0	0	0	na	322
Barramundi	114	0	2 091	0	385	0	na	2 590
Other c	0	253	116	81	0	0	na	450
Total	563	1 614	2 297	81	7 909	23 637	na	36 101
Crustaceans								
Prawn	199	0	3 085	0	0	0	na	3 284
Yabbies	21	2	0	82	5	0	na	110
Marron	0	0	0	65	24	0	na	89
Redclaw	0	0	100	0	0	0	na	100
Total	220	2	3 185	147	29	0	na	3 583
Molluscs								
Edible oysters	4 330	0	0	0	7 720	2 249	na	14 299
Pearl oysters	0	0	0	0	0	0	na	0
Mussels	37	824	0	622	1 032	629	na	3 145
Other e	0	121	0	0	196	152	na	468
Total	4 367	945	0	622	8 948	3 030	na	17 912
Other NEI f	50	0	64	0	1 953	0	na	2 067
Total quantity	5 200	2 561	5 546	850	18 839	26 667	na	59 663

a Excludes hatchery production, crocodiles, microalgae and aquarium worms. **b** Includes salmon and trout production. **c** Includes eels, other native fish and aquarium fish. **d** Total value of pearl production will be an underestimate as it excludes the value of production in NT which remains confidential. **e** Includes scallops, giant clams and abalone. **f** Includes aquaculture production not elsewhere specified due to confidentiality restrictions. In Victoria, this includes abalone, warmwater finfish, ornamental fish, other shellfish, shrimps and aquatic worms. Total only sums across. **s** estimate. **na** Not available.

Sources: ABARE; Queensland Brisbane Island Aquaculture Research Centre; Fisheries Victoria, Department of Primary Industries; New South Wales Department of Primary Industries; Northern Territory Department of Primary Industries, Fisheries and Mines; South Australian Research and Development Institute; Primary Industries and Resources, South Australia; Tasmanian Department of Primary Industries and Water; Department of Fisheries, Western Australia.

Exports

18 Exports of fisheries products – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live	na	34 946	na	40 078	na	40 825
Fresh, chilled or frozen						
Whole						
Tuna a	10 277	162 450	11 305	177 421	11 148	160 443
Other	10 129	47 105	7 228	30 626	7 341	34 275
Fillets	2 537	18 612	2 023	14 637	1 757	12 814
Canned	1 234	6 587	1 204	6 797	1 291	6 300
Dried, salted and smoked	164	20 047	135	13 687	229	15 305
Other fish products	1 591	14 627	1 364	11 515	1 184	10 435
Total fish b	25 931	304 375	23 260	294 762	22 949	280 398
Crustaceans and molluscs						
Rock lobster	12 636	439 575	11 938	489 351	10 252	463 365
Prawns	10 302	163 104	8 744	133 923	6 376	93 563
Abalone	4 004	263 150	3 665	245 627	3 911	246 028
Scallops	1 209	32 566	1 485	38 773	1 401	35 417
Oysters	174	1 746	187	1 783	249	2 294
Crabs	1 638	18 180	1 545	17 895	1 424	17 453
Other	1 427	13 324	1 479	15 227	1 448	19 392
Total	31 389	931 644	29 042	942 579	25 061	877 511
Total edible b	57 320	1 236 019	52 302	1 237 341	48 010	1 157 909
Nonedible						
Marine fats and oils	na	2 234	na	3 638	na	11 633
Fish meal	na	8 239	na	9 421	na	4 735
Pearls c	na	291 004	na	289 506	na	313 657
Ornamental fish	na	1 473	na	1 492	na	1 539
Other nonedible	na	2 747	na	5 588	na	4 527
Total nonedible	na	305 698	na	309 646	na	336 091
Total fisheries products	na	1 541 717	na	1 546 987	na	1 494 000

a Exports of tuna landed in Australia. **b** Excludes live tonnage but includes live value. **c** Includes items temporarily exported. **na** Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

19 Exports of fish – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Tuna ^a						
Whole						
Fresh or chilled	4 315	67 468	4 473	68 088	4 447	46 366
Frozen	5 962	94 982	6 832	109 333	6 702	114 077
Canned	646	2 723	387	2 010	258	1 247
Other	26	533	2	16	191	555
Total	10 949	165 706	11 694	179 447	11 597	162 245
Salmon						
Whole						
Fresh or chilled	1 109	7 653	721	4 534	1 346	9 703
Frozen	66	777	61	186	136	552
Smoked	18	461	31	643	42	915
Canned	318	1 912	493	2 765	184	1 293
Total	1 511	10 804	1 306	8 128	1 708	12 464
Other fish						
Live	na	34 946	na	40 078	na	40 825
Whole						
Fresh or chilled	1 768	17 761	1 332	13 337	1 076	11 334
Frozen						
Whiting	1 908	4 006	2 184	4 634	1 855	3 986
Other	5 277	16 908	2 931	7 936	2 928	8 700
Fillets						
Fresh or chilled	167	2 064	225	2 728	808	7 994
Frozen	2 370	16 548	1 798	11 909	949	4 820
Other (fresh, chilled or frozen)	1 467	12 689	1 240	9 774	940	8 880
Canned	270	1 952	323	2 022	848	3 760
Dried, salted and smoked	145	19 586	105	13 044	187	14 390
Other	98	1 405	123	1 725	53	1 001
Total ^b	13 472	127 865	10 259	107 187	9 644	105 690
Total fish ^b	25 931	304 375	23 260	294 762	22 949	280 398

^a Exports of tuna landed in Australia. ^b Excludes live tonnage but includes live value. **na** Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

Exports

20 Exports of crustaceans and molluscs – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Rock lobster						
Whole						
Live, fresh or chilled	6 899	239 128	7 114	295 617	6 231	280 727
Frozen	741	20 818	547	17 830	485	18 162
Cooked	2 545	69 666	2 252	74 001	1 613	58 238
Tails (fresh, chilled or frozen)	1 849	100 572	1 612	97 335	1 458	101 500
Other	603	9 391	412	4 568	465	4 739
Total	12 636	439 575	11 938	489 351	10 252	463 365
Prawns						
Headless	437	6 639	150	2 835	118	2 285
Whole	9 623	153 239	8 409	128 872	6 034	88 740
Other	242	3 225	185	2 216	225	2 538
Total	10 302	163 104	8 744	133 923	6 376	93 563
Crabs						
Fresh, frozen or cooked	1 632	18 110	1 539	17 817	1 415	17 400
Other	6	70	6	78	10	53
Total	1 638	18 180	1 545	17 895	1 424	17 453
Abalone						
Fresh, chilled or frozen	2 032	123 856	2 133	131 533	2 241	139 041
Canned	1 972	139 294	1 532	114 094	1 670	106 987
Total	4 004	263 150	3 665	245 627	3 911	246 028
Scallops						
Fresh, chilled or frozen	1 208	32 560	1 484	38 748	1 401	35 414
Other	0	6	0	25	0	3
Total	1 209	32 566	1 485	38 773	1 401	35 417
Other	1 601	15 069	1 666	17 011	1 697	21 686
Total crustaceans and molluscs	31 389	931 644	29 042	942 579	25 061	877 511

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

21 Exports of edible fish, by destination – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Tuna a						
Fresh or chilled (whole)						
France	3	17	24	175	69	511
Japan	4 079	64 951	3 638	61 705	2 418	36 745
Samoa	92	231	163	433	534	1 603
United States	130	2 088	348	4 732	408	3 816
Viet Nam	0	0	277	821	328	1 056
Other	11	181	23	221	690	2 634
Total	4 315	67 468	4 473	68 088	4 447	46 366
Frozen (whole)						
Japan	5 188	93 225	6 433	108 269	6 241	112 721
Samoa	430	1 214	280	764	46	131
Thailand	320	359	114	242	261	767
United States	10	143	3	37	6	49
Other	14	41	2	22	148	409
Total	5 962	94 982	6 832	109 333	6 702	114 077
Salmon						
Fresh or chilled (whole)						
Hong Kong, China	11	216	16	129	54	399
Indonesia	47	414	12	120	173	1 125
Japan	938	6 248	677	4 137	621	4 811
Singapore	52	329	6	41	61	413
Thailand	9	100	4	37	8	93
United Arab Emirates	4	59	2	17	42	304
United States	27	139	2	18	87	681
Other	21	149	2	36	299	1 876
Total	1 109	7 653	721	4 534	1 346	9 703
Frozen (whole)						
Egypt	16	52	28	39	25	40
Fiji	0	0	2	25	61	47
Hong Kong, China	9	216	1	11	0	3
Indonesia	8	178	1	21	2	38
Japan	24	160	1	24	1	38
New Zealand	0	0	27	43	0	0
Thailand	5	107	1	10	3	54
Other	3	65	1	13	43	332
Total	66	777	61	186	136	552
Whiting						
Frozen (whole)						
China	607	1 352	433	796	687	1 635
Hong Kong, China	13	28	14	330	0	0
Japan	0	0	0	0	0	0
Samoa	29	78	193	463	0	0
Singapore	0	0	54	108	0	0
Thailand	1 245	2 534	1 453	2 863	1 168	2 351
Other	14	14	37	75	0	0
Total	1 908	4 006	2 184	4 634	1 855	3 986

Continued

Exports

21 Exports of edible fish, by destination – Australia *continued*

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Canned						
Tuna						
New Zealand	617	2 504	310	1 388	242	1 140
United States	6	119	66	552	0	0
Other	22	101	11	71	16	107
Total	646	2 723	387	2 010	258	1 247
Salmon						
New Zealand	311	1 838	465	2 488	174	1 104
United States	0	0	26	258	5	159
Other	7	74	2	18	5	30
Total	318	1 912	493	2 765	184	1 293
Other fish						
New Zealand	75	747	103	795	591	1 912
Singapore	86	447	69	347	104	462
Other	109	759	151	880	153	1 385
Total	270	1 952	323	2 022	848	3 760

^a Exports of tuna landed in Australia.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

22 Exports of crustaceans, by destination – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Rock lobster						
Whole						
Live, fresh or chilled						
China	705	26 132	260	10 841	102	4 886
Chinese Taipei	867	28 064	650	24 555	317	12 349
France	109	3 711	90	3 365	63	2 467
Hong Kong, China	3 976	138 545	5 100	216 595	4 948	226 718
Japan	1 071	35 956	900	35 388	698	29 342
Malaysia	29	1 332	20	956	19	936
Singapore	43	1 731	31	1 554	29	1 505
United Arab Emirates	17	629	21	822	17	773
United States	29	1 060	18	646	17	800
Other	51	1 968	24	896	20	951
Total	6 899	239 128	7 114	295 617	6 231	280 727
Frozen						
China	59	1 586	113	3 484	67	2 294
Chinese Taipei	45	1 283	12	369	39	1 303
Greece	15	385	9	305	9	305
Hong Kong, China	92	2 510	24	486	62	2 149
Japan	499	13 802	343	11 739	276	10 897
Mauritius	0	0	13	494	7	296
United Kingdom	1	38	13	401	18	661
Other	30	1 214	20	552	6	256
Total	741	20 818	547	17 830	485	18 162
Cooked						
China	1 107	29 672	970	30 755	495	17 084
Chinese Taipei	281	7 571	162	4 918	460	16 460
Hong Kong, China	255	6 847	325	10 410	153	5 231
Japan	526	15 389	542	19 124	220	8 423
Singapore	171	4 560	125	3 945	159	5 760
Other	205	5 626	128	4 849	124	5 280
Total	2 545	69 666	2 252	74 001	1 613	58 238
Tails						
Fresh, chilled or frozen						
France	0	0	72	4 880	18	1 440
Hong Kong, China	18	594	12	593	14	862
Japan	38	2 031	42	2 303	38	2 034
United Kingdom	16	837	10	510	0	0
United States	1 748	96 050	1 467	88 585	1 383	96 760
Other	29	1 060	9	464	6	404
Total	1 849	100 572	1 612	97 335	1 458	101 500
Other						
France	66	1 775	17	775	11	551
Japan	395	3 611	284	1 248	345	1 398
United Kingdom	8	286	31	1 228	51	2 428
United States	48	1 497	22	531	0	0
Other	86	2 223	58	787	57	362
Total	603	9 391	412	4 568	465	4 739
Total rock lobster	12 636	439 575	11 938	489 351	10 252	463 365

Continued

Exports

22 Exports of crustaceans, by destination – Australia *continued*

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Prawns						
Headless						
Greece	0	0	12	155	7	97
Japan	150	3 599	121	2 490	94	2 011
Malaysia	4	99	5	33	0	0
New Zealand	34	343	1	7	2	25
United States	3	69	3	57	0	0
Viet Nam	157	1 213	7	66	5	10
Other	89	1 316	2	28	10	142
Total	437	6 639	150	2 835	118	2 285
Whole						
China	1 540	19 601	1 107	11 905	1 019	10 805
Greece	533	8 866	391	6 907	320	5 381
Hong Kong, China	659	9 593	401	5 758	413	5 960
Italy	42	956	382	7 290	52	943
Japan	3 466	68 784	2 993	57 151	2 334	43 293
Portugal	54	815	416	5 165	46	838
Spain	1 972	26 524	1 434	18 972	877	10 233
Thailand	198	2 290	376	3 817	145	1 505
United States	29	679	16	297	27	598
Vietnam	513	7 064	548	7 607	485	5 113
Other	618	8 066	345	4 001	317	4 072
Total	9 623	153 239	8 409	128 872	6 034	88 740
Other						
France	2	52	19	415	3	60
Germany	4	38	12	301	11	273
Hong Kong	22	304	28	208	15	80
New Zealand	7	65	30	197	22	212
Singapore	13	169	19	274	4	53
Other	194	2 598	78	822	170	1 859
Total	242	3 225	185	2 216	225	2 538
Total prawns	10 302	163 104	8 744	133 923	6 376	93 563
Crabs						
Fresh, frozen or cooked						
China	159	3 444	109	3 695	210	5 127
Chinese Taipei	728	6 256	850	7 196	655	5 369
Hong Kong, China	122	1 618	138	1 864	193	2 379
Japan	478	4 752	330	3 163	190	1 921
Singapore	24	504	15	453	16	560
United States	39	692	25	451	29	418
Other	81	846	72	995	122	1 627
Total	1 632	18 110	1 539	17 817	1 415	17 400
Other crabs	6	70	6	78	10	53
Total crabs	1 638	18 180	1 545	17 895	1 424	17 453
Other crustaceans						
China	67	732	10	325	10	497
Chinese Taipei	0	4	21	282	3	102
Hong Kong, China	31	1 043	33	1 228	150	7 137
Japan	26	534	21	468	17	395
Other	50	1 356	33	1 042	47	1 510
Total	174	3 670	118	3 344	228	9 641
Total crustaceans	24 750	624 529	22 345	644 513	18 281	584 022

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

23 Exports of molluscs, by destination – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Abalone						
Fresh, chilled or frozen						
Canada	12	1 583	10	1 341	12	1 588
China	296	16 033	609	34 493	271	14 255
Chinese Taipei	85	4 096	63	3 153	44	2 301
Hong Kong, China	1 229	76 529	1 019	66 780	1 492	94 240
Japan	394	24 250	404	23 766	391	24 057
Singapore	8	599	16	971	15	1 121
Other	9	766	12	1 028	16	1 479
Total	2 032	123 856	2 133	131 533	2 241	139 041
Canned						
Chinese Taipei	227	12 806	153	10 553	134	7 836
Hong Kong, China	949	70 010	609	46 392	883	54 819
Japan	402	27 462	404	29 876	229	16 546
Singapore	311	22 475	249	18 768	324	20 861
United States	31	2 381	37	3 056	39	3 174
Other	52	4 160	80	5 449	61	3 750
Total	1 972	139 294	1 532	114 094	1 670	106 987
Total abalone	4 004	263 150	3 665	245 627	3 911	246 028
Scallops						
Fresh, chilled or frozen						
China	0	0	28	769	24	445
France	156	2 704	305	6 462	187	4 551
Hong Kong, China	727	21 971	764	21 241	799	21 042
Malaysia	33	949	61	1 563	47	1 130
Singapore	181	5 232	260	7 314	274	7 278
Other	112	1 704	66	1 399	70	967
Total	1 208	32 560	1 484	38 748	1 401	35 414
Other scallops	0	6	0	25	0	3
Total scallops	1 209	32 566	1 485	38 773	1 401	35 417
Other molluscs						
Canada	137	478	74	475	118	609
China	376	645	597	1 151	347	657
Chinese Taipei	79	625	22	318	8	102
Hong Kong, China	330	6 801	464	8 788	660	8 193
Japan	71	891	78	1 156	57	842
Singapore	19	368	17	232	24	558
Malaysia	5	21	55	391	0	0
Other	409	1 571	243	1 156	255	1 084
Total	1 426	11 399	1 548	13 666	1 468	12 045
Total molluscs	6 639	307 114	6 697	298 066	6 780	293 489

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

Exports

24 Exports of fisheries products, by destination – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Edible (excluding live)						
Canada	192	3 083	109	3 333	141	2 953
China	6 361	107 462	4 799	102 374	3 439	59 347
Chinese Taipei	2 621	68 051	2 092	55 217	2 126	50 455
France	1 073	16 476	714	20 904	572	15 064
Greece	578	9 478	433	7 563	337	5 840
Hong Kong, China	9 220	358 647	9 314	396 011	10 266	447 014
Indonesia	512	2 529	410	2 245	446	2 884
Italy	187	2 413	454	8 113	112	1 842
Japan	19 274	379 741	17 874	370 509	14 957	305 573
Malaysia	245	5 748	387	5 928	329	5 423
New Zealand	1 540	9 919	2 191	11 664	2 155	10 333
Portugal	54	815	416	5 165	128	1 125
Singapore	1 285	39 963	1 058	36 283	1 238	40 741
Spain	2 028	26 710	1 434	18 985	1 046	11 479
Thailand	2 606	8 700	2 110	8 466	2 209	8 039
United Kingdom	211	2 786	137	3 431	147	5 520
United States	3 841	127 263	3 117	112 838	2 665	115 166
Viet Nam	784	10 054	986	9 438	1 044	7 281
Other	4 710	21 235	4 267	18 797	4 653	21 004
Total	57 320	1 201 073	52 302	1 197 264	48 010	1 117 084
Nonedible						
China	na	374	na	343	na	1 133
Chinese Taipei	na	1 986	na	941	na	750
France	na	1 017	na	6 768	na	4 111
Germany	na	5 989	na	2 076	na	4 930
Hong Kong, China	na	136 518	na	149 783	na	155 756
Indonesia	na	307	na	881	na	5 069
Italy	na	340	na	1 750	na	2 268
Japan	na	59 538	na	62 631	na	68 567
Korea, Rep. of	na	2 030	na	1 395	na	1 311
New Zealand	na	8 427	na	9 903	na	8 637
Singapore	na	5 460	na	2 278	na	1 656
Spain	na	1 855	na	3 851	na	2 899
Thailand	na	618	na	1 517	na	1 392
United Arab Emirates	na	3 298	na	1 721	na	136
United Kingdom	na	8 131	na	6 201	na	3 677
United States	na	28 014	na	28 135	na	34 328
Viet Nam	na	536	na	1 563	na	1 298
Other	na	41 260	na	27 910	na	38 172
Total	na	305 698	na	309 646	na	336 091
Total exports	na	1 506 771	na	1 506 910	na	1 453 175

na Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

25 Exports of seafood to selected countries, by product – Australia ^a

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Hong Kong, China						
Dried, salted or smoked fish	119	17 926	83	12 200	133	13 767
Other fish	671	3 897	284	3 173	323	4 139
Rock lobster	4 348	148 562	5 491	228 354	5 205	235 204
Prawns	695	10 285	429	5 966	430	6 095
Crabs	122	1 618	138	1 864	193	2 379
Abalone	2 178	146 539	1 629	113 171	2 375	149 059
Scallops	727	21 976	764	21 265	799	21 042
Other	360	7 844	496	10 016	810	15 329
Total	9 220	358 647	9 314	396 011	10 266	447 014
Japan						
Tuna (whole)	9 267	158 176	10 071	169 974	8 659	149 466
Fillets	194	1 318	155	878	463	4 495
Dried, salted or smoked fish	1	46	12	260	7	199
Other fish	2 282	18 900	1 152	11 116	920	10 067
Rock lobster	2 530	70 789	2 111	69 802	1 578	52 094
Prawns	3 629	72 624	3 116	59 665	2 442	45 446
Crabs	478	4 752	330	3 163	190	1 921
Abalone	797	51 712	808	53 642	620	40 603
Scallops	0	0	21	384	3	44
Other	97	1 425	98	1 624	74	1 237
Total	19 274	379 741	17 874	370 509	14 957	305 573
Singapore						
Tuna (whole)	0	3	0	6	0	5
Fillets	69	604	88	664	45	340
Dried, salted or smoked fish	6	885	3	287	3	157
Canned fish	86	447	69	348	109	482
Other fish	316	1 681	144	998	218	1 509
Rock lobster	218	6 544	164	5 780	193	7 569
Prawns	40	491	29	314	15	198
Crabs	24	504	15	453	16	560
Abalone	319	23 074	265	19 739	339	21 982
Scallops	181	5 232	260	7 314	274	7 278
Other	23	499	20	379	26	660
Total	1 285	39 963	1 058	36 283	1 238	40 741

Continued

Exports

25 Exports of seafood to selected countries, by product – Australia ^a *continued*

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Chinese Taipei						
Fish	185	4 682	120	3 019	404	3 417
Rock lobster	1 221	37 645	824	29 851	823	30 145
Prawns	95	1 936	40	828	54	1 183
Crabs	728	6 256	850	7 196	655	5 369
Abalone	312	16 903	216	13 706	178	10 137
Scallops	0	0	1	17	0	0
Other	79	629	43	600	12	204
Total	2 621	68 051	2 092	55 217	2 126	50 455
United States						
Fillets	775	11 306	402	6 121	161	2 083
Canned fish	11	202	94	828	14	238
Other fish	1 036	10 946	989	10 347	965	9 234
Rock lobster	1 853	99 757	1 533	90 800	1 410	97 824
Prawns	32	765	19	357	29	632
Crabs	39	692	25	451	29	418
Abalone	36	2 882	43	3 673	49	4 194
Scallops	1	38	1	19	0	11
Other	57	676	13	242	9	533
Total	3 841	127 263	3 117	112 838	2 665	115 166
China						
Fish	1 908	6 532	957	3 199	799	2 364
Rock lobster	1 940	59 276	1 357	45 510	674	24 284
Prawns	1 610	20 266	1 124	11 999	1 101	11 277
Crabs	159	3 444	109	3 695	210	5 127
Other	745	17 944	1 253	37 972	655	16 295
Total	6 361	107 462	4 799	102 374	3 439	59 347
APEC						
Tuna	10 395	164 126	10 941	177 176	10 277	157 076
Salmon	1 457	10 302	1 256	7 771	1 492	11 090
Other fish	10 728	113 626	8 015	95 289	7 433	92 447
Rock lobster	12 169	424 953	11 543	472 068	9 936	449 089
Prawns	6 691	112 789	5 424	85 615	4 431	68 439
Abalone	3 993	262 257	3 644	243 964	3 895	244 723
Scallops	1 018	29 047	1 164	32 064	1 189	30 568
Oysters	173	1 725	181	1 724	240	2 217
Crabs	1 613	17 793	1 519	17 435	1 394	16 816
Other crustaceans and molluscs	1 105	11 852	1 325	14 338	1 259	18 255
Total	49 342	1 148 469	45 013	1 147 443	41 546	1 090 720

^a Excludes live.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

26 Seafood exports in 2004-05, by state – Australia ^a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. ^b
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Live	1 151	1 086	32 520	0	121	68	0	34 946
Fresh, chilled or frozen								
Whole	9 247	1 226	30 010	15 407	141 751	11 166	602	209 555
Filletts	242	1 967	1 533	989	2 830	10 331	0	18 612
Other	3 477	3 472	25 641	3 392	829	257	294	41 261
Total fish	14 117	7 751	89 703	19 788	145 531	21 823	896	304 375
Crustaceans and molluscs								
Rock lobster	4 904	21 141	25 977	295 657	68 267	22 873	0	439 575
Prawns	12 095	116	82 563	24 292	27 796	0	228	163 104
Abalone	8 051	93 170	1 425	8 480	59 266	92 757	0	263 150
Scallops	4	2 764	20 482	8 476	61	176	0	32 566
Oysters	67	30	8	19	612	930	0	1 746
Crabs	20	2 013	12 366	3 532	96	80	12	18 180
Other	651	5 410	3 563	1 335	453	544	35	13 324
Total	25 792	124 643	146 383	341 791	156 551	117 361	275	931 644
Total value	39 910	132 395	236 087	361 579	302 083	139 184	1 171	1 236 019
Quantity	t	t	t	t	t	t	t	t
Fish								
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	1 373	377	4 679	3 266	8 304	2 270	84	20 406
Filletts	21	129	225	105	267	1 688	0	2 537
Other	421	550	512	622	39	44	31	2 988
Total fish	1 814	1 056	5 416	3 993	8 609	4 003	115	25 931
Crustaceans and molluscs								
Rock lobster	127	574	615	8 879	1 843	581	0	12 636
Prawns	843	10	5 205	1 529	1 469	0	23	10 302
Abalone	163	1 418	12	78	678	1 655	0	4 004
Scallops	0	165	660	304	2	28	0	1 209
Oysters	7	4	0	1	71	85	0	174
Crabs	1	51	1 314	260	2	2	1	1 638
Other	172	623	143	133	91	60	7	1 427
Total	1 313	2 845	7 950	11 183	4 157	2 411	30	31 389
Total quantity	3 127	3 901	13 366	15 176	12 767	6 414	145	57 320

^a State totals include Commonwealth fisheries exports. Exports are identified according to source state or territory, not state or territory in which the product was caught or farmed. ^b Includes Australian Capital Territory. **na** Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

Exports

27 Seafood exports in 2005-06, by state – Australia ^a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. ^b
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Live	782	1 074	37 867	10	208	119	0	40 078
Fresh, chilled or frozen								
Whole	4 538	771	21 541	2 581	165 177	6 056	1 070	208 048
Fillets	1 145	1 441	482	640	1 983	7 787	6	14 637
Other	6 139	864	17 507	2 918	952	579	88	32 000
Total fish	12 604	4 150	77 396	6 148	168 319	14 542	1 164	294 762
Crustaceans and molluscs								
Rock lobster	6 519	27 700	22 172	323 746	77 567	29 064	0	489 351
Prawns	10 952	100	63 215	25 825	24 006	0	1 746	133 923
Abalone	3 684	86 899	1 299	8 870	48 031	96 826	0	245 627
Scallops	4	4 224	13 046	18 557	0	2 526	0	38 773
Oysters	69	95	13	3	528	1 017	0	1 783
Crabs	78	2 308	11 440	3 528	21	373	18	17 895
Other	264	6 780	4 743	876	374	649	153	15 227
Total	21 570	128 107	115 928	381 406	150 528	130 454	1 917	942 579
Total value	34 174	132 257	193 324	387 554	318 847	144 995	3 081	1 237 341
Quantity	t	t	t	t	t	t	t	t
Fish								
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	937	154	3 942	286	9 647	897	148	18 534
Fillets	72	106	56	74	268	1 134	0	2 023
Other	722	141	387	795	97	52	2	2 703
Total fish	1 731	401	4 385	1 155	10 012	2 084	151	23 260
Crustaceans and molluscs								
Rock lobster	141	633	492	8 218	1 757	634	0	11 938
Prawns	743	18	4 002	1 774	1 288	0	171	8 744
Abalone	82	1 329	16	94	530	1 607	0	3 665
Scallops	0	204	441	700	0	114	0	1 485
Oysters	8	12	1	0	64	99	0	187
Crabs	3	50	1 247	223	0	8	1	1 545
Other	26	610	424	63	116	37	5	1 479
Total	1 004	2 857	6 624	11 073	3 755	2 499	177	29 042
Total quantity	2 735	3 257	11 009	12 228	13 767	4 582	327	52 302

^a State totals include Commonwealth fisheries exports. Exports are identified according to source state or territory, not state or territory in which the product was caught or farmed. ^b Includes Australian Capital Territory. **na** Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

28 Seafood exports in 2006-07, by state – Australia ^a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. ^b
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Live	772	1 138	38 407	13	212	281	0	40 825
Fresh, chilled or frozen								
Whole	3 738	1 516	25 729	1 567	142 887	11 480	195	194 718
Filletts	186	987	467	342	1 555	8 763	0	12 814
Other	5 339	3 797	16 891	1 962	113	622	360	32 040
Total fish	10 035	7 437	81 493	3 884	144 766	21 146	554	280 398
Crustaceans and molluscs								
Rock lobster	2 549	26 782	22 659	284 226	96 316	28 752	0	463 365
Prawns	9 059	26	56 311	16 535	4 962	0	4 570	93 563
Abalone	4 345	81 571	1 810	8 355	54 313	95 630	0	246 028
Scallops	211	2 831	15 213	14 290	4	1 723	101	35 417
Oysters	53	79	7	9	1 086	1 044	0	2 294
Crabs	132	1 837	10 122	4 191	509	423	0	17 453
Other	4 076	5 672	3 540	1 325	1 031	2 787	0	19 392
Total	20 425	118 798	109 663	328 933	158 220	130 358	4 671	877 511
Total value	30 459	126 235	191 157	332 816	302 987	151 504	5 226	1 157 909
Quantity	t	t	t	t	t	t	t	t
Fish								
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	654	269	5 223	226	7 899	1 478	35	18 489
Filletts	13	77	64	56	98	1 373	0	1 757
Other	719	525	389	585	26	30	20	2 703
Total fish	1 385	871	5 677	867	8 023	2 881	55	22 949
Crustaceans and molluscs								
Rock lobster	53	548	423	6 684	1 946	554	0	10 252
Prawns	689	1	3 624	1 202	287	0	279	6 376
Abalone	82	1 333	18	93	713	1 672	0	3 911
Scallops	8	117	560	563	0	71	3	1 401
Oysters	5	11	1	1	123	107	0	249
Crabs	8	39	1 111	229	12	9	0	1 424
Other	200	592	211	37	207	74	0	1 448
Total	1 044	2 641	5 948	8 809	3 288	2 486	282	25 061
Total quantity	2 429	3 512	11 624	9 676	11 310	5 366	337	48 010

^a State totals include Commonwealth fisheries exports. Exports are identified according to source state or territory, not state or territory in which the product was caught or farmed. ^b Includes Australian Capital Territory. na Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

Imports

29 Imports of fisheries products – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live fish	na	5	na	1	na	4
Fresh, chilled or frozen						
Fresh or chilled whole	5 336	33 934	5 671	36 348	6 377	45 626
Frozen whole	9 245	19 768	7 243	19 172	6 000	18 390
Fresh or chilled fillets	346	2 543	505	4 537	666	6 905
Frozen fillets	38 133	187 017	41 062	196 759	42 491	228 243
Other	6 788	19 041	5 243	15 901	4 237	17 409
Canned fish	53 443	188 745	52 687	228 710	52 156	243 766
Smoked, dried or salted fish	2 957	34 053	3 074	36 191	4 219	53 076
Other fish preparations	14 508	62 181	13 721	64 451	17 497	87 632
Total a	130 756	547 285	129 207	602 070	133 644	701 050
Crustaceans and molluscs						
Fresh, chilled or frozen b						
Prawns	22 608	201 303	23 165	201 351	26 016	246 387
Lobster	469	8 132	568	10 249	634	13 218
Scallops	2 297	27 458	2 421	30 756	2 665	29 814
Oysters	910	6 975	678	5 808	837	6 841
Mussels	2 117	9 139	2 170	8 579	2 303	9 270
Other	14 815	71 705	16 974	79 713	17 312	74 423
Canned	12 161	86 159	12 973	88 134	14 773	101 391
Extracts and pastes	0	0	0	0	0	0
Other	199	1 180	322	1 804	420	1 999
Total	55 576	412 051	59 271	426 393	64 959	483 344
Total edible a	186 332	959 336	188 477	1 028 463	198 602	1 184 394
Nonedible						
Pearls	na	145 851	na	159 405	na	181 642
Fish meal	na	20 923	na	22 010	na	40 069
Ornamental fish	na	4 749	na	5 042	na	5 311
Marine fats and oils	na	15 268	na	15 920	na	23 971
Other marine products	na	25 833	na	33 732	na	32 040
Total nonedible	na	212 625	na	236 110	na	283 032
Total fisheries products	na	1 171 961	na	1 264 574	na	1 467 426

a Excludes live tonnage, but includes live value. b Includes dried and salted. na Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

30 Imports of fish – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Salmon						
Smoked	1 158	19 522	1 116	19 691	1 599	30 953
Whole						
Frozen	135	918	258	687	445	949
Fresh or chilled	476	3 834	483	3 712	719	6 148
Canned	9 249	44 239	8 882	50 297	10 588	64 315
Total	11 018	68 513	10 739	74 387	13 350	102 366
Hake						
Frozen						
Fillets	7 938	37 152	6 210	27 408	6 981	36 234
Whole	5	29	0	0	0	0
Mince	1 360	2 769	2 054	3 793	885	1 451
Total	9 303	39 950	8 264	31 201	7 866	37 685
Tuna						
Whole						
Fresh or chilled	315	1 103	223	1 398	202	1 104
Frozen	18	122	77	155	4	38
Canned	37 155	106 443	36 217	139 782	34 307	140 514
Total	37 488	107 669	36 518	141 334	34 513	141 655
Other fish						
Live	na	5	na	1	na	4
Fresh or chilled whole	4 545	28 997	4 964	31 238	5 456	38 374
Frozen whole	9 086	18 698	6 909	18 330	5 551	17 403
Fresh or chilled fillets	346	2 543	505	4 537	666	6 905
Frozen fillets	30 195	149 864	34 852	169 351	35 511	192 009
Other fresh, chilled or frozen products	5 428	16 272	3 189	12 109	3 352	15 958
Other canned fish						
Herrings	772	3 554	1 035	4 520	704	3 529
Sardines	4 183	20 339	4 413	20 309	4 347	21 052
Anchovy	927	10 210	1 046	10 184	965	9 790
Mackerel	953	3 004	930	2 976	1 021	3 719
Other	204	956	163	643	225	847
Total	7 039	38 062	7 588	38 631	7 262	38 937
Smoked						
Herrings	47	296	54	277	75	471
Liver and roes	11	228	8	117	19	264
Other	968	5 764	1 101	7 887	1 532	11 753
Total	1 025	6 288	1 163	8 281	1 627	12 488
Dried	567	6 835	566	6 766	597	7 481
Salted	208	1 408	229	1 453	396	2 153
Other fish preparations						
Fish meal	13	64	18	150	17	145
Fishballs, fishcake, sausages	2 236	8 284	2 637	9 618	3 104	11 848
Caviar and pastes	105	1 934	107	1 875	93	2 161
Other	12 155	51 899	10 959	52 808	14 282	73 479
Total	14 508	62 181	13 721	64 451	17 497	87 632
Total other fish ^a	72 947	331 154	73 685	355 149	77 915	419 344
Total fish ^a	130 756	547 285	129 207	602 070	133 644	701 050

^a Excludes live tonnage but includes live value. **na** Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

Imports

31 Imports of crustaceans and molluscs – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Canned and preserved						
Crabs	343	2 267	498	3 084	644	4 259
Prawns	7 247	56 491	7 239	54 961	7 891	61 663
Smoked molluscs	844	6 184	1 143	6 793	1 366	6 082
Other molluscs	3 883	22 195	4 366	24 833	5 277	31 201
Extracts and pastes	0	0	0	0	0	0
Other preserved	43	201	48	268	16	187
Total	12 360	87 339	13 294	89 938	15 194	103 391
Other						
Prawns						
Fresh, chilled or frozen	22 590	201 187	23 111	200 925	26 015	246 372
Other	18	116	54	425	1	14
Lobster	469	8 132	568	10 249	634	13 218
Scallops	2 297	27 458	2 421	30 756	2 665	29 814
Oysters	910	6 975	678	5 808	837	6 841
Mussels	2 117	9 139	2 170	8 579	2 303	9 270
Crabs	343	3 216	461	4 271	489	4 517
Calamari, squid and octopus	13 516	58 510	15 199	63 204	15 276	55 900
Other	956	9 979	1 314	12 238	1 547	14 007
Total	43 216	324 712	45 976	336 455	49 765	379 953
Total crustaceans and molluscs	55 576	412 051	59 271	426 393	64 959	483 344

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

32 Imports of edible fish, by source – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Fish (excluding canned)						
Tuna						
Indonesia	8	70	22	195	11	98
Fiji	137	671	137	887	63	456
Japan	0	1	0	4	0	14
Maldives	0	0	48	50	0	0
New Zealand	99	132	21	198	39	164
Papua New Guinea	79	298	45	142	80	318
Thailand	0	0	17	15	11	79
Other	10	53	11	63	2	14
Total	333	1 225	300	1 553	206	1 142
Salmon						
Denmark	860	15 612	763	14 240	946	19 757
New Zealand	447	3 971	544	4 726	835	8 530
Norway	282	3 198	310	4 478	467	7 727
Other	180	1 492	241	646	514	2 036
Total	1 769	24 274	1 857	24 089	2 763	38 050
Hake						
Argentina	2 084	6 325	3 143	8 744	2 368	9 317
Chile	552	1 146	437	767	108	204
China	100	373	227	712	132	328
Chinese Taipei	18	61	33	192	15	128
Namibia	1 818	8 332	1 812	7 829	1 986	10 201
New Zealand	1 035	5 833	607	3 044	699	2 680
South Africa	3 004	15 115	1 757	9 200	2 495	14 595
Uruguay	47	121	80	231	19	64
Other	644	2 644	169	481	44	167
Total	9 303	39 950	8 264	31 201	7 866	37 685
Other						
China	3 412	12 873	3 647	14 528	5 493	22 860
Chinese Taipei	2 493	13 086	3 013	15 364	3 104	19 274
New Zealand	20 079	103 352	19 282	105 630	23 156	136 966
South Africa	3 441	16 134	3 029	19 638	3 021	18 264
Thailand	8 432	28 556	9 616	36 236	8 983	34 113
Viet Nam	9 381	40 639	12 486	47 017	12 869	56 593
Other	19 414	81 200	18 490	90 488	16 053	99 636
Total	66 653	295 841	69 563	328 902	72 680	387 706

Continued

Imports

32 Imports of edible fish, by source – Australia *continued*

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Canned fish						
Canada	3 784	19 135	4 206	23 280	3 204	19 206
Chile	440	1 630	558	2 707	559	2 928
China	257	743	471	1 130	904	3 828
Denmark	107	721	275	1 418	236	1 316
Germany	364	2 150	494	2 945	306	1 893
Greece	123	971	91	681	99	823
Indonesia	128	379	268	837	356	1 001
Italy	559	5 439	705	5 502	689	5 858
Japan	131	540	462	1 732	123	425
Korea, Rep. of	390	1 557	300	1 393	166	809
Malaysia	126	444	190	640	238	827
Morocco	311	3 449	300	3 237	246	2 814
Norway	255	3 568	288	3 992	257	3 704
Philippines	427	1 150	189	497	236	604
Poland	275	2 777	484	3 300	300	2 809
Portugal	426	1 255	288	1 510	367	1 972
Spain	69	1 482	82	1 412	92	1 503
Thailand	38 872	111 617	36 952	143 119	36 373	150 631
United Kingdom	502	4 656	415	3 459	467	4 776
United States	5 037	21 322	4 687	21 577	6 151	31 946
Viet Nam	209	1 071	179	1 011	236	1 073
Other	653	2 690	802	3 332	550	3 019
Total	53 443	188 745	52 687	228 710	52 156	243 766

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

33 Imports of fresh, chilled or frozen fish, by source – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Fresh or chilled fish						
Whole						
Fiji	149	781	141	892	68	491
Indonesia	35	149	61	332	186	894
New Zealand	4 945	31 742	5 398	34 854	5 864	42 816
Papua New Guinea	79	298	46	143	80	320
Viet Nam	3	15	12	87	77	391
Other	125	948	12	39	101	713
Total	5 336	33 934	5 671	36 348	6 377	45 626
Fillets						
Indonesia	119	1 060	284	2 617	235	1 984
New Zealand	151	1 096	192	1 784	284	3 266
Papua New Guinea	7	41	5	50	0	1
South Africa	27	145	0	0	0	0
Other	41	201	25	87	146	1 653
Total	346	2 543	505	4 537	666	6 905
Frozen fish						
Whole						
Tuna						
Indonesia	8	70	1	11	0	0
Japan	0	1	0	4	0	14
Maldives	0	0	48	50	0	0
New Zealand	0	0	0	0	0	0
Thailand	0	0	17	15	3	11
Other	10	51	11	75	2	14
Total	18	122	77	155	4	38
Salmon						
Canada	24	47	223	419	95	225
New Zealand	26	145	18	33	7	22
Norway	20	116	16	231	0	0
United Kingdom	64	595	0	0	0	0
Other	1	14	0	5	343	701
Total	135	918	258	687	445	949
Other						
China	429	2 069	509	2 431	454	2 234
Chinese Taipei	530	1 466	796	2 027	619	1 323
India	90	235	183	426	225	698
Indonesia	423	639	560	1 008	476	481
Japan	15	64	16	174	32	279
Myanmar	366	1 195	318	1 096	341	1 254
New Zealand	2 028	6 036	1 712	6 205	1 902	7 527
Thailand	553	1 204	553	1 249	488	1 159
United States	2 538	2 143	1 405	518	287	205
Viet Nam	503	1 702	392	1 282	391	1 233
Other	1 617	1 975	464	1 914	336	1 010
Total	9 091	18 727	6 909	18 330	5 551	17 403

Continued

Imports

33 Imports of fresh, chilled or frozen fish, by source – Australia *continued*

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Frozen fish (continued)						
Fillets						
Hake						
Argentina	1 337	4 634	1 880	6 466	2 131	8 825
Chile	230	561	34	103	0	0
China	100	370	171	598	11	77
Namibia	1 818	8 332	1 812	7 829	1 986	10 201
New Zealand	742	5 328	347	2 474	291	2 199
South Africa	3 004	15 115	1 757	9 200	2 495	14 595
Uruguay	47	121	80	231	19	64
Viet Nam	561	2 289	32	104	7	28
Other	100	403	98	402	41	245
Total	7 938	37 152	6 210	27 408	6 981	36 234
Other						
Argentina	1 607	4 557	1 879	5 830	1 232	4 949
Chile	962	2 769	801	2 249	241	809
China	1 590	5 128	2 020	7 121	3 463	11 994
Chinese Taipei	1 852	10 820	2 010	12 261	2 277	16 505
Indonesia	684	4 316	570	4 006	1 191	8 747
Kenya	2 077	8 977	2 046	11 024	1 209	6 992
Malaysia	51	100	81	397	72	324
Myanmar	1 130	7 337	925	6 172	1 132	8 210
New Zealand	7 551	44 594	8 089	46 794	9 235	56 632
Norway	106	1 319	424	4 945	288	3 097
Singapore	155	909	55	371	24	142
South Africa	958	5 723	868	5 336	528	3 343
Tanzania	335	1 425	683	3 526	563	3 152
Thailand	1 136	7 177	1 467	9 334	1 067	7 315
Uganda	803	3 488	621	3 387	778	4 606
United Kingdom	117	548	71	310	0	0
United States	255	1 228	402	1 441	449	1 810
Uruguay	122	367	210	519	0	0
Viet Nam	8 154	35 869	11 182	42 308	11 300	50 276
Virgin Islands	0	0	72	379	73	409
Other	552	3 211	373	1 643	391	2 698
Total	30 195	149 864	34 852	169 351	35 511	192 009

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

34 Imports of dried, salted or smoked fish, by source – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Dried or salted						
China	49	600	61	729	42	762
Hong Kong	23	944	40	917	22	931
Iceland	56	438	44	299	48	370
Korea, Rep. of	42	417	46	499	46	529
Malaysia	39	361	48	415	61	552
Norway	172	1 985	175	2 072	178	2 335
Philippines	19	73	80	673	112	751
Portugal	13	227	32	338	30	380
Thailand	29	194	20	171	38	251
Viet Nam	87	483	83	498	104	541
Other	246	2 521	166	1 607	312	2 235
Total	775	8 243	795	8 219	993	9 634
Smoked						
Argentina	15	47	29	108	12	49
China	0	11	14	38	1	4
Denmark	926	16 725	905	16 847	1 153	24 067
Japan	9	189	11	170	11	187
Korea, Rep. of	2	28	3	41	2	20
New Zealand	55	939	52	1 034	192	2 851
Norway	260	3 107	298	4 301	502	8 276
Philippines	31	140	54	551	48	436
South Africa	821	4 132	846	4 448	1 130	5 766
United Kingdom	52	364	53	343	62	405
Other	12	128	13	90	111	1 381
Total	2 183	25 810	2 279	27 972	3 225	43 441
Total dried, salted or smoked fish	2 957	34 053	3 074	36 191	4 219	53 076

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

Imports

35 Imports of canned fish products, by source – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Canned fish						
Salmon						
Canada	2 662	14 316	2 760	17 658	2 218	14 586
Chile	186	1 314	318	2 335	298	2 337
Thailand	934	4 456	637	4 503	1 097	9 147
United States	4 994	21 153	4 572	21 052	6 125	31 807
Other	473	3 000	595	4 749	849	6 437
Total	9 249	44 239	8 882	50 297	10 588	64 315
Tuna						
Indonesia	127	372	268	837	355	1 000
Japan	72	263	369	1 385	1	19
Thailand	36 324	103 272	34 644	134 162	33 276	136 071
Other	633	2 536	937	3 398	674	3 423
Total	37 155	106 443	36 217	139 782	34 307	140 514
Herrings						
Canada	146	776	167	852	129	693
Denmark	25	137	150	522	127	421
Germany	325	1 710	424	2 143	276	1 624
Other	276	931	294	1 002	172	791
Total	772	3 554	1 035	4 520	704	3 529
Sardines						
Canada	975	4 043	1 279	4 770	857	3 926
Norway	168	2 409	110	1 661	83	1 058
Thailand	1 345	3 268	1 366	3 678	1 702	4 655
United Kingdom	486	4 610	413	3 445	467	4 755
Other	1 209	6 008	1 244	6 755	1 238	6 658
Total	4 183	20 339	4 413	20 309	4 347	21 052
Anchovies						
Italy	390	4 082	511	4 341	503	4 401
Morocco	311	3 449	269	3 129	234	2 739
Spain	53	1 344	56	1 247	57	1 213
Other	174	1 335	210	1 466	171	1 436
Total	927	10 210	1 046	10 184	965	9 790
Mackerel						
Chile	253	312	216	342	184	345
Denmark	82	584	113	687	107	871
Japan	55	242	85	323	122	403
Malaysia	66	185	86	238	121	354
New Zealand	21	75	0	0	11	9
Thailand	247	502	277	642	265	598
Other	228	1 103	153	743	211	1 139
Total	953	3 004	930	2 976	1 021	3 719
Other						
Canada	0	0	0	0	0	0
Chinese Taipei	7	62	7	66	9	72
Peru	0	0	16	80	0	0
Sweden	13	72	13	78	0	0
Other	184	823	127	419	217	775
Total	204	956	163	643	225	847
Total canned fish	53 443	188 745	52 687	228 710	52 156	243 766

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

36 Imports of crustaceans and molluscs, by source – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Lobster						
Fresh, chilled or frozen						
Cuba	31	576	64	1 273	174	3 952
Indonesia	130	1 653	94	804	51	651
Japan	0	1	14	305	0	0
Malaysia	14	134	17	185	17	149
Papua New Guinea	79	2 816	79	2 590	86	3 727
Thailand	118	1 514	215	3 197	155	2 285
Other	98	1 438	85	1 895	151	2 456
Total lobster	469	8 132	568	10 249	634	13 218
Prawns						
Fresh, chilled or frozen						
China	4 034	26 497	4 465	29 417	8 469	62 120
Chinese Taipei	92	1 054	283	2 884	120	1 395
India	3 096	32 149	2 459	25 451	2 000	24 420
Indonesia	1 669	10 820	1 094	8 508	686	5 675
Malaysia	183	1 826	159	1 761	478	4 548
Myanmar	528	4 599	572	4 816	597	5 730
New Caledonia	189	2 370	100	1 256	74	874
Saudi Arabia	230	1 822	405	3 143	402	3 265
Singapore	101	1 063	157	1 474	79	944
Thailand	5 741	45 556	6 106	45 968	5 503	48 228
Viet Nam	6 260	69 650	6 855	72 307	7 229	85 791
Other	466	3 780	457	3 940	380	3 383
Total	22 590	201 187	23 111	200 925	26 015	246 372
Canned						
Malaysia	1 244	8 215	809	5 216	767	5 386
Thailand	4 035	34 433	3 706	30 858	3 293	26 789
Viet Nam	437	3 854	591	5 072	292	2 925
Other	1 530	9 989	2 133	13 815	3 539	26 563
Total	7 247	56 491	7 239	54 961	7 891	61 663
Other						
China	16	92	33	210	0	3
Malaysia	0	1	2	9	1	6
Thailand	0	0	17	200	0	3
Viet Nam	0	0	1	2	0	0
Other	2	24	1	4	0	3
Total	18	116	54	425	1	14
Total prawns	29 855	257 794	30 404	256 311	33 906	308 049
Crabs						
Fresh, chilled or frozen						
Indonesia	60	714	88	1 396	60	559
Malaysia	49	359	48	353	88	695
Thailand	67	772	147	963	103	999
Viet Nam	110	966	96	744	114	961
Other	58	404	81	815	124	1 303
Total	343	3 216	461	4 271	489	4 517
Canned						
Thailand	225	1 354	341	1 732	436	1 876
Other	118	914	157	1 352	209	2 384
Total	343	2 267	498	3 084	644	4 259
Total crabs	687	5 483	960	7 355	1 133	8 776

Continued

Imports

36 Imports of crustaceans and molluscs, by source – Australia *continued*

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Molluscs (fresh, chilled or frozen)						
Scallops						
Chile	32	257	79	864	26	271
China	1 398	15 250	1 355	16 201	1 583	16 442
Hong Kong	14	248	6	264	5	240
Japan	391	6 027	523	7 780	337	4 795
Thailand	310	3 490	257	2 860	365	4 695
United States	102	1 717	72	1 406	74	1 365
Viet Nam	20	144	43	401	32	366
Other	29	324	87	980	243	1 639
Total	2 297	27 458	2 421	30 756	2 665	29 814
Mussels						
China	117	471	21	182	3	12
New Zealand	1 925	7 710	2 043	7 880	2 259	9 024
United States	44	854	13	217	8	138
Other	31	104	93	300	32	96
Total	2 117	9 139	2 170	8 579	2 303	9 270
Calamari, squid and octopus						
China	4 903	23 621	4 725	20 757	5 300	17 324
Chinese Taipei	1 608	8 308	1 075	5 295	1 293	4 663
Hong Kong, China	2	51	64	532	8	186
India	176	547	183	617	194	635
Indonesia	194	795	286	1 399	527	1 805
Korea, Rep. of	143	810	118	620	128	678
Malaysia	654	2 041	631	2 594	601	2 596
Myanmar	157	471	133	382	217	770
New Zealand	2 337	11 272	3 983	16 674	2 997	11 082
Singapore	53	154	132	424	172	599
Thailand	1 637	6 144	1 684	7 649	1 794	8 713
United States	214	462	237	390	241	476
Uruguay	0	0	127	199	0	0
Viet Nam	1 098	2 803	1 639	5 138	1 667	5 831
Other	339	1 033	181	534	139	543
Total	13 516	58 510	15 199	63 204	15 276	55 900
Crustaceans and molluscs (canned)						
China	1 487	9 352	2 790	16 744	5 038	31 954
Korea, Rep. of	286	2 551	98	839	116	852
Malaysia	2 142	13 948	1 786	11 267	2 175	14 453
New Zealand	1 655	9 677	1 894	11 390	1 855	11 773
Singapore	120	892	124	916	149	1 165
Thailand	5 058	39 248	4 857	36 232	4 463	32 596
Viet Nam	461	4 026	633	5 358	365	3 484
Other	950	6 464	792	5 387	612	5 115
Total	12 161	86 159	12 973	88 134	14 773	101 391

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

37 Imports of fisheries products, by source – Australia

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Edible (excluding live)						
Argentina	3 904	11 499	5 444	17 513	4 184	18 316
Canada	4 118	20 457	4 663	24 919	3 534	21 678
Chile	3 590	10 910	2 428	8 493	1 012	4 556
China	15 883	89 946	17 898	101 105	27 104	155 759
Chinese Taipei	4 337	23 143	4 449	24 218	4 660	26 700
Denmark	1 058	17 750	1 214	18 679	1 444	26 159
Germany	392	2 570	521	3 122	538	3 965
India	3 566	33 935	3 112	28 098	2 593	26 987
Indonesia	4 289	26 165	3 984	25 845	4 505	27 796
Italy	580	5 676	765	5 958	741	6 264
Japan	1 088	11 708	1 412	13 718	890	9 425
Kenya	2 077	8 977	2 046	11 024	1 209	6 992
Korea, Rep. of	1 210	6 886	932	4 878	890	4 801
Malaysia	5 025	26 757	4 651	26 209	6 212	38 813
Myanmar	2 226	13 763	2 022	12 885	2 455	17 132
Namibia	2 024	9 418	1 842	7 987	2 118	11 087
Norway	889	10 589	1 217	15 709	1 432	20 250
New Zealand	28 541	153 478	29 121	159 773	32 828	192 444
Singapore	1 111	6 039	1 218	6 331	1 045	5 475
South Africa	6 517	31 507	4 787	28 847	5 546	33 069
Thailand	60 159	236 641	58 006	270 413	56 695	278 831
United Kingdom	853	7 167	560	4 231	531	5 204
United States	8 623	29 293	7 205	27 283	7 919	39 536
Viet Nam	18 171	121 974	22 100	132 869	22 674	154 946
Other	6 101	43 084	6 881	48 357	5 843	48 202
Total	186 332	959 331	188 477	1 028 462	198 602	1 184 390
Nonedible						
Chile	na	81	na	1 273	na	2 819
Chinese Taipei	na	927	na	2 170	na	1 046
French Polynesia	na	1 839	na	2 339	na	4 819
Hong Kong, China	na	5 462	na	4 613	na	5 240
Indonesia	na	11 433	na	11 793	na	7 830
Japan	na	3 307	na	4 626	na	4 362
Malaysia	na	679	na	1 018	na	665
Netherlands	na	4 344	na	4 820	na	2 447
New Zealand	na	10 893	na	9 603	na	10 650
Peru	na	19 460	na	15 835	na	33 680
Philippines	na	2 733	na	4 741	na	614
Samoa	na	3 313	na	2 583	na	4 153
Singapore	na	1 609	na	1 681	na	2 007
Thailand	na	1 317	na	1 808	na	987
United States	na	10 029	na	18 719	na	23 638
Other	na	135 199	na	148 488	na	178 074
Total	na	212 625	na	236 110	na	283 032
Total imports	na	1 171 956	na	1 264 572	na	1 467 422

na Not available.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

Imports

38 Seafood imports from selected countries, by product – Australia ^a

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
China						
Frozen whole fish	429	2 069	516	2 446	454	2 234
Canned fish	257	743	471	1 130	904	3 828
Smoked, dried or salted fish	49	611	75	767	43	766
Other fish preparations	964	3 668	672	2 978	931	5 065
Prawns	4 050	26 589	4 498	29 627	8 469	62 122
Scallops	1 398	15 250	1 355	16 201	1 583	16 442
Oysters	8	72	1	17	7	87
Mussels	117	471	21	182	3	12
Canned crustaceans and molluscs	1 487	9 352	2 790	16 744	5 038	31 954
Other crustaceans and molluscs	5 052	24 201	5 045	22 059	5 473	18 087
Other	2 072	6 921	2 454	8 954	4 199	15 161
Total	15 883	89 946	17 898	101 105	27 104	155 759
Vietnam						
Frozen whole fish	506	1 716	392	1 282	391	1 233
Frozen fillets	8 714	38 158	11 214	42 412	11 307	50 304
Canned fish	209	1 071	179	1 011	236	1 073
Smoked, dried or salted fish	87	483	83	498	104	543
Other fish preparations	226	1 012	439	1 550	499	2 273
Prawns	6 260	69 650	6 856	72 310	7 229	85 791
Scallops	20	144	43	401	32	366
Oysters	0	0	0	0	0	0
Mussels	1	4	1	7	1	8
Canned crustaceans and molluscs	461	4 026	633	5 358	365	3 484
Other crustaceans and molluscs	1 263	3 969	1 815	6 192	1 895	7 253
Other	424	1 741	447	1 850	616	2 618
Total	18 171	121 974	22 100	132 869	22 674	154 946
New Zealand						
Fresh and chilled whole fish	4 945	31 742	5 398	34 854	5 864	42 816
Frozen whole fish	2 053	6 181	1 730	6 238	1 908	7 550
Fresh and chilled fillets	151	1 096	192	1 784	284	3 266
Frozen fillets	8 293	49 922	8 437	49 268	9 526	58 831
Canned fish	25	101	1	6	33	93
Smoked, dried or salted fish	55	978	53	1 161	194	2 952
Other fish preparations	3 598	17 345	3 229	15 945	5 592	28 780
Lobster	1	32	0	1	1	39
Scallops	1	7	1	5	1	26
Squid	2 337	11 272	3 983	16 674	2 997	11 082
Oysters	872	6 631	673	5 710	827	6 725
Mussels	1 925	7 710	2 043	7 880	2 259	9 024
Canned crustaceans and molluscs	1 655	9 677	1 894	11 390	1 855	11 773
Other crustaceans and molluscs	63	4 754	72	4 503	124	5 333
Extracts and pastes	0	0	0	0	0	0
Other	2 565	6 029	1 416	4 354	1 360	4 154
Total	28 541	153 478	29 121	159 773	32 828	192 444

Continued

38 Seafood imports from selected countries, by product – Australia ^a *continued*

	2004-05		2005-06		2006-07	
	t	\$'000	t	\$'000	t	\$'000
Thailand						
Frozen whole fish	553	1 204	570	1 264	491	1 170
Fillets	4	17	0	0	102	1 306
Canned fish	38 872	111 617	36 952	143 119	36 373	150 631
Smoked, dried or salted fish	29	196	21	178	56	337
Other fish preparations	5 462	15 814	4 524	14 352	4 818	15 375
Prawns	5 741	45 556	6 123	46 169	5 503	48 231
Lobster	118	1 514	215	3 197	155	2 285
Scallops	310	3 490	257	2 860	365	4 695
Mussels	18	36	30	86	12	40
Canned crustaceans and molluscs	5 058	39 248	4 857	36 232	4 463	32 596
Other crustaceans and molluscs	2 169	8 696	2 303	11 317	2 572	12 683
Extracts and pastes	0	0	0	0	0	0
Other	1 826	9 253	2 153	11 639	1 784	9 483
Total	60 159	236 641	58 006	270 413	56 695	278 831
United States						
Frozen whole fish	2 538	2 143	1 405	518	630	904
Frozen fillets	255	1 228	402	1 441	449	1 810
Canned fish	5 037	21 322	4 687	21 577	6 151	31 946
Smoked, dried or salted fish	0	0	15	43	0	0
Other fish preparations	59	438	97	667	55	765
Scallops	102	1 717	72	1 406	74	1 365
Canned crustaceans and molluscs	0	0	28	67	0	0
Other crustaceans and molluscs	215	486	247	568	250	653
Other	418	1 960	252	996	310	2 093
Total	8 623	29 293	7 205	27 283	7 919	39 536
APEC region						
Fresh and chilled whole fish	5 083	32 259	5 514	35 342	6 199	44 577
Frozen whole fish	7 181	14 719	6 088	15 144	4 895	14 791
Fresh and chilled fillets	280	2 208	501	4 509	633	6 707
Frozen fillets	14 453	81 707	15 533	86 037	18 277	106 958
Canned fish	49 206	157 103	47 897	194 908	47 875	209 754
Smoked, dried or salted fish	412	5 267	525	6 252	662	8 117
Other fish preparations	12 954	52 846	11 445	49 196	15 052	70 873
Prawns	3	16	0	0	0	0
Lobster	372	6 880	452	8 451	390	8 369
Scallops	2 226	26 805	2 238	28 832	2 600	29 139
Oysters	910	6 975	678	5 808	837	6 841
Mussels	2 107	9 084	2 112	8 390	2 284	9 220
Canned crustaceans and molluscs	11 572	80 979	12 151	81 338	14 205	96 445
Other crustaceans and molluscs	12 771	64 189	14 332	69 407	14 709	63 056
Extracts and pastes	0	0	0	0	0	0
Other	16 261	101 646	15 501	104 468	19 049	138 674
Total	135 789	642 686	134 966	698 082	147 666	813 521

^a Excludes live imports.

Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.