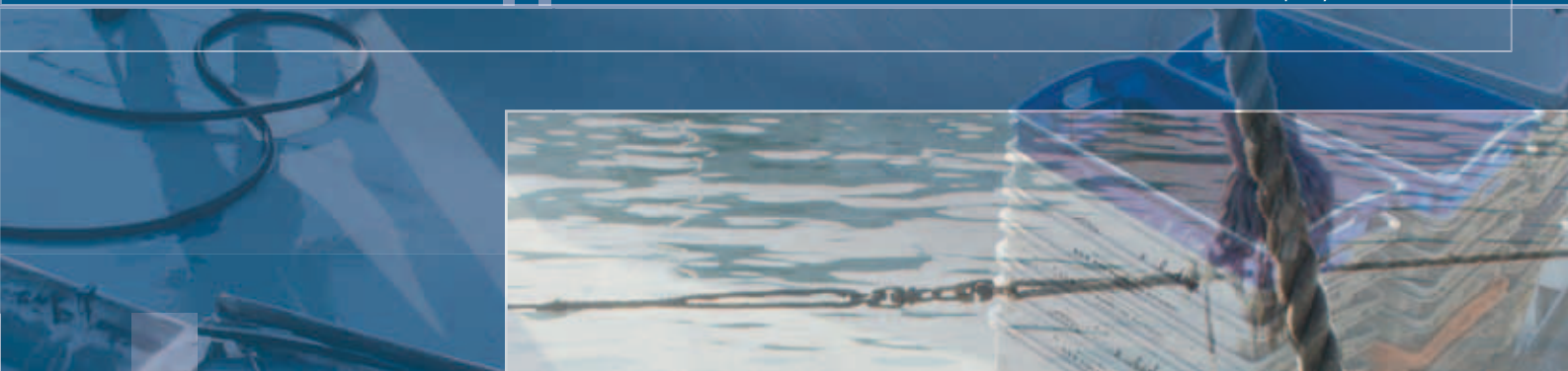




july 2006



australian **fisheries statistics**

2005

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foreword

Australian Fisheries Statistics is designed to meet the needs of the fishing industry and fisheries managers, policy makers and researchers. ABARE has been publishing 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 2004-05. The report also contains a profile of Commonwealth and state fisheries and state aquaculture for 2004-05, 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 Surveys Report*.



BRIAN S. FISHER
Executive Director

July 2006

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definitions and explanations

definitions

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

Aquaculture value is the assessed value received by agriculturists on the basis of an '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 plus insurance and freight.

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 nonedible fisheries products.

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

southern bluefin tuna

Southern bluefin tuna sold from farms in South Australia are reported at their full market value. However, the input value of those tuna is also included as an output from the Commonwealth southern bluefin tuna fishery. To avoid double counting, the input value is netted out of Australian totals.

'reals' and rounding

'Real' 2004-05 dollars refers to the conversion of nominal dollar values to take account of inflation. Small discrepancies in totals are generally caused by the rounding components. A dash (-) is used to denote a nil or negligible amount.

abbreviations and symbols

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

production and trade

key features

stephanie szakiel

- > *The volume of Australian fisheries production increased by 5 per cent in 2004-05 to 287 000 tonnes, while the value fisheries production fell by almost 6 per cent to \$2.05 billion.*
- > *The value of Australian exports of fisheries products fell by 7 per cent in 2004-05 to \$1.54 billion.*
- > *The value of Australian imports of fisheries products increased by 6 per cent in 2004-05 to \$1.17 billion.*

gross value of production – Australia [tables 1-6]

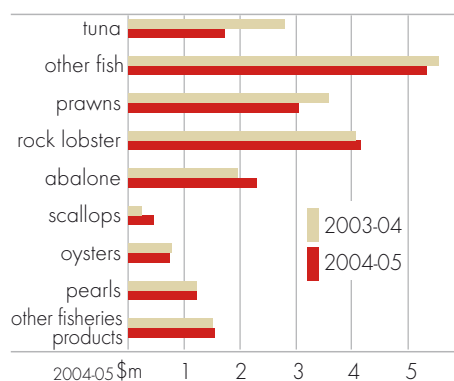
Although Australian fisheries production rose by 5 per cent in 2004-05, with falling unit values for a number of major species, the gross value of production fell by 6 per cent (or \$120 million) to \$2.05 billion. The gross value of production from state and territory wild catch fisheries rose by \$4.1 million to \$1.15 billion in 2004-05. The gross value of production in both state and territory aquaculture fisheries and Commonwealth wild catch fisheries fell in 2004-05. The value of production from state and territory aquaculture fisheries fell from \$713 million to \$611 million in 2004-05, while in Commonwealth fisheries it fell from \$342 million to \$323 million.

In 2004-05, rock lobster remained the highest value individual catch, while prawns and tuna experienced the largest fall in value of the major species (figure A). The value of scallop and abalone production increased in 2004-05.

Australian dollar

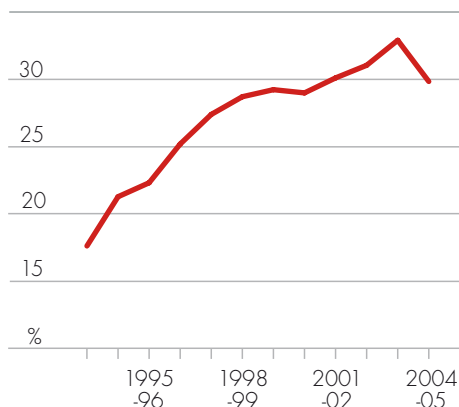
After an initial depreciation against the US dollar in the first quarter, the Australian dollar continued to appreciate over 2004-05 to end the year 1.5 per cent above the June 2004 quarter. Against the Japanese yen, the Australian dollar appreciated by 6 per cent.

A value of Australian fisheries products



production and trade

B aquaculture's share of total fisheries production



Australia is a small producer and exporter of fish onto the world market so export prices received by Australian producers are set in world markets. Other things being equal, an appreciating Australian dollar results in lower export prices in Australian dollar terms. This explains a large part of the fall in the unit value of the fisheries products in 2004-05.

aquaculture's share

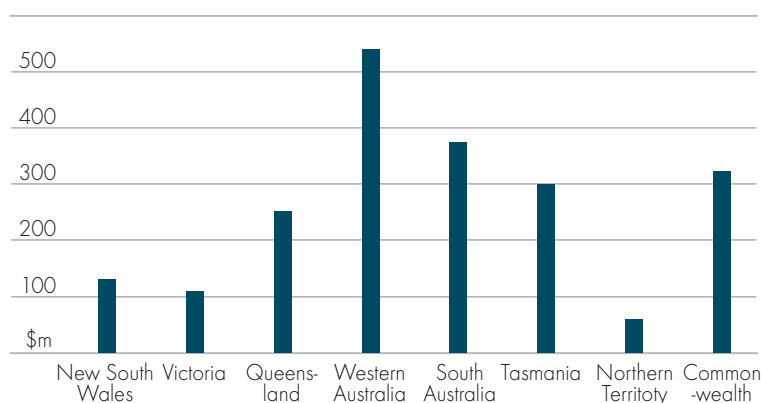
In 2004-05, the value of aquaculture production fell by 14 per cent to \$611 million, driven by a fall in the value of southern bluefin tuna production. Aquaculture production is an important component of Australian fisheries production. The value of aquaculture production as a percentage of fisheries production increased steadily between

1993-94 and 2003-04 (figure B). In 2004-05, however, aquaculture's share fell to 30 per cent of the value of Australian fisheries production.

gross value of production – state and territory fisheries [tables 7-13]

Western Australia had the largest gross value of production and accounted for 26 per cent of the total value of Australian fisheries production in 2004-05 (figures C, D). South Australia has the second largest gross value of production, accounting for 18 per cent of the total value of fisheries production in 2004-05.

C value of Australian fisheries products, by state, 2004-05

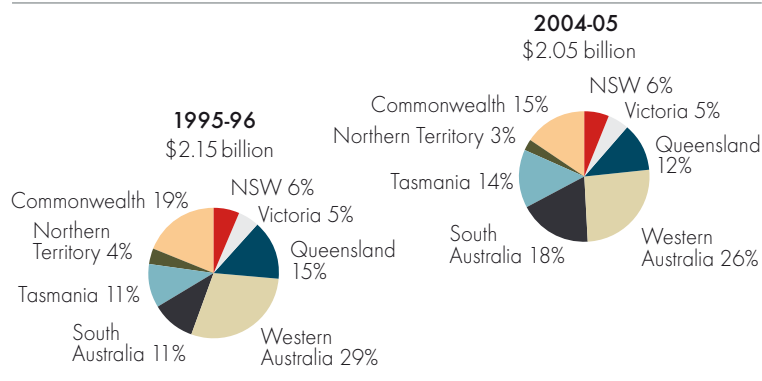


New South Wales [table 7]

The gross value of fisheries production in New South Wales fell by \$8.2 million to \$131 million in 2004-05. The gross value of production of the wild caught sector fell from \$89.7 million in 2003-04 to \$83.6 million in 2004-05, caused by a fall in the level of wild caught crustacean production and falling average crustacean prices. The value of wild

D value of Australian fisheries production, by location

in 2004-05 dollars



caught crustacean production fell for the second year in a row, from \$34.7 million (2465 tonnes) in 2003-04 to \$25.6 million (1925 tonnes) in 2004-05.

The gross value of aquaculture production fell from \$49.6 million to \$47.6 million in 2004-05, driven predominantly by a 6 per cent fall in the value of oyster production from \$37.9 million to \$35.8 million.

Victoria [table 8]

The total value of fisheries production in Victoria increased from \$95.9 million in 2003-04 to \$109 million in 2004-05. The increase in production value was mainly caused by an increase in the value of the wild caught sector from \$72.1 million to \$85.1 million in 2004-05. Abalone continued to be the most valuable wild caught species, with a total production value increasing from \$46.5 million in 2003-04 to \$60.2 million in 2004-05, driven predominantly by increasing prices.

The value of aquaculture production remained constant at just under \$24 million in 2004-05.

Queensland [table 9]

The gross value of fisheries production in Queensland fell from \$297 million in 2003-04 to \$252 million in 2004-05. This fall was driven by a reduction in the value of wild caught production from \$229 million to \$190 million in 2004-05. Wild caught prawn production fell by \$18.9 million and wild fish production fell by \$20.6 million. Compensating for the fall in prawn and finfish production, rising production and increasing prices in the wild caught scallop sector drove a 58 per cent increase in the value of scallop production to \$15.7 million.

The gross value of aquaculture production fell by \$6.0 million in 2004-05 to \$61.7 million. The value of aquaculture prawn production fell by 7.9 million to \$45.4 million.

Western Australia [table 10]

The gross value of fisheries production in Western Australia increased from \$530 million in 2003-04 to almost \$540 million in 2004-05. This increase was driven predominantly by an increase in the value of scallop production from \$8.3 million to \$24.5 million in 2004-05. This increase returned the value of production to levels reported in 2002-03.

The total value of aquaculture production fell by \$1.1 million to \$128 million, driven by falling average fish prices and a fall in the quantity of mussels produced.

production and trade

South Australia [table 11]

The gross value of fisheries production in South Australia fell by \$86.6 million to \$375 million in 2004-05 caused mainly by a fall in the value of farmed southern bluefin tuna. The value of wild caught production increased from \$183 million in 2003-04 to \$188 million in 2004-05, driven predominately by an increase in the value of Australian sardine production from \$22.5 million to \$28.5 million in 2004-05.

The value of aquaculture production fell by \$92.3 million from \$279 million in 2003-04 to \$187 million in 2004-05, driven by a fall in the value and volume of southern bluefin tuna production. As the majority of southern bluefin tuna is exported to Japan with prices denominated in Japanese yen, a depreciation in the Japanese yen – as well as a fall in production volume – drove the dramatic fall in the value of production. The volume of southern bluefin tuna production fell by 2100 tonnes to 7458 tonnes in 2004-05. Fluctuations in financial year production quantities often reflect a large amount of activity around the June–July transition period. That is, fish grown during the 2004-05 financial year that are not harvested until July 2005 will be included in 2005-06 production figures.

Tasmania [table 12]

The gross value of Tasmanian fisheries production rose by \$18.9 million to \$299 million in 2004-05. Wild caught production increased from \$144 million in 2003-04 to \$164 million in 2004-05. This increase was driven largely by a \$16.7 million increase in the value of abalone production.

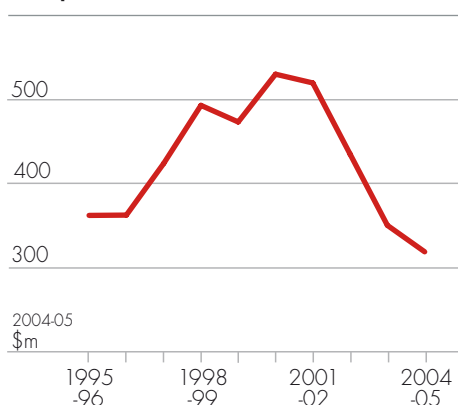
The value of aquaculture production fell by \$1.0 million to \$135 million in 2004-05, driven by a slight fall in production from 17 700 tonnes to 17 500 tonnes.

Northern Territory [table 13]

Fishery production figures for the Northern Territory were not available at the time of publication. Figures from 2003-04 have been used as estimates for 2004-05.

gross value of production – Commonwealth fisheries [table 14]

E value of Commonwealth fisheries production



major trends

The value of production from Commonwealth fisheries fell from \$342 million in 2003-04 to \$323 million in 2004-05. This fall was partially driven by a fall in world prices and an appreciating Australian dollar, as well as an 8 per cent fall in the volume of production. The real value of production from Commonwealth fisheries has been on a downward trend since 2000-01 (figure E).

Despite a fall in both the value and volume of production, the northern prawn fishery continued to be Australia's most valuable Commonwealth managed fishery. The gross value of production was \$65.0 million in 2004-05, down 12 per cent from \$74.0 million in 2003-04. The total volume of production fell by 18 per cent to 5124 tonnes in 2004-05.

production and trade

The Commonwealth trawl sector (previously the south east trawl fishery) was the next most valuable fishery, earning \$58.9 million. The gross value of production increased by 8 per cent over 2004-05.

The gross value of production in the eastern tuna and billfish fishery fell from \$46.8 million in 2003-04 to \$42.5 million in 2004-05. The western tuna and billfish fishery also experienced a fall in the gross value of production from \$8.25 million in 2003-04 to \$3.58 million in 2004-05. Production levels in the eastern tuna and billfish fishery fell by 706 tonnes to 6261 tonnes in 2004-05. In the western tuna and billfish fishery, the volume of production fell by 60 per cent to 495 tonnes, driven by falling production of most species including billfish, yellowfin and bigeye.

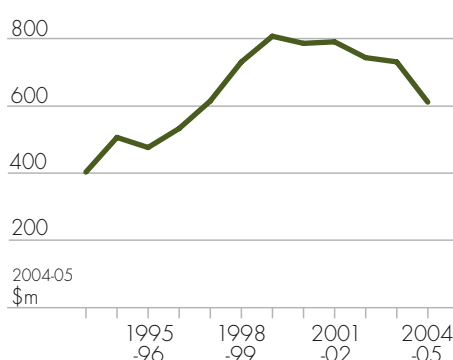
gross value of production – aquaculture [tables 15-17]

After reaching a peak in 1999-2000 of \$806 million (in 2004-05 dollars) the real value of Australian aquaculture production has been declining at an average annual rate of 2.6 per cent (figure F). In 2004-05, the gross value of Australian aquaculture was \$611 million. Reduced levels of production, falling world prices and an appreciating Australian dollar were the main drivers of this fall in production value.

major trends

The value of aquaculture production fell in all Australian states and territories, except Victoria, in 2004-05. As the smallest aquaculture producing state by value, Victorian aquaculture production rose by 1 per cent to \$23.9 million in 2004-05. The gross value of production for farmed southern bluefin tuna from South Australia fell by \$103 million. This fall in production value was driven by a fall in production volume and a weakening Japanese yen.

F value of Australian aquaculture production



exports of fisheries products [tables 18-28]

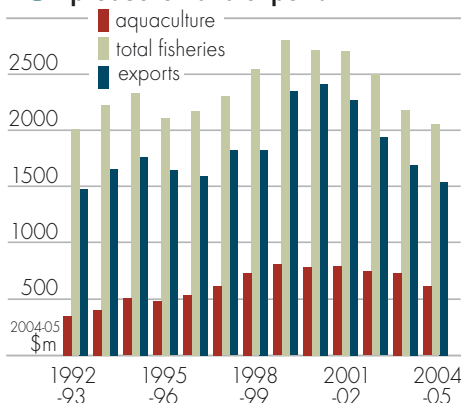
The total value of Australian exports of fisheries products declined each year from 2000-01 to 2004-05 (figure G).

In 2004-05, rock lobster continued to be the most valuable fisheries product export, followed by pearls and abalone (figure H).

export value, by sector [table 18]

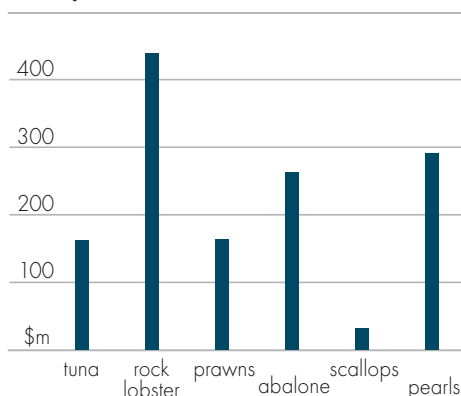
In 2004-05, Australia's total exports of fisheries products were valued at \$1.54 billion. Around 80 per cent of total exports were comprised of edible fisheries products such as rock lobster, tuna, abalone and prawns. The remaining 20 per cent of exports were non edible fisheries

G value of Australian fisheries production and exports



production and trade

H value of Australian exports, by product, 2004-05



products such as pearls, fish meal and marine fats and oils. By value, pearls are the dominant nonedible export product (table 18).

The value of total fisheries exports fell by \$110 million or 7 per cent in 2004-05. Exports of edible fish fell by 26 per cent, driven mainly by a \$109 million fall in the value of tuna exports. The value of shellfish (crustacean and mollusc) exports rose by \$22.3 million to \$932 million in 2004-05. This increase came mainly from a \$25.5 million increase in the value of abalone exports, a \$12.7 million increase in the value of rock lobster exports and a compensating \$17.3 million fall in the value of other, or unidentified shellfish exports. Nonedible exports fell by \$26.9 million, driven by a \$19.4 million (6 per cent) fall in the value of pearl exports.

value of exports of edible fisheries products [table 19]

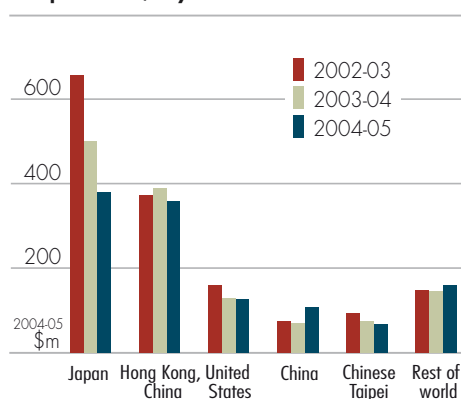
The principal edible fisheries exports in 2004-05 continued to be rock lobster (\$440 million), abalone (\$263 million), prawns (\$163 million) and tuna (\$166 million). Tuna exports dominate finfish products, constituting 54 per cent of the finfish export value.

In 2004-05, the value of tuna exports fell by \$109 million or 40 per cent to \$166 million. Southern bluefin tuna exports fell from \$243 million in 2003-04 to \$140 million in 2004-05 (fresh and frozen exports fell by \$51 million and \$52 million respectively). This fall in value was the result of a combination of a continuing fall in export price and a 1700 tonne fall in the quantity of fresh product exported and a 390 tonne fall in frozen exports.

After declining by \$7.9 million to \$4.2 million in 2003-04, the value of salmon exports rose to \$10.8 million in 2004-05. These fluctuations were driven by changes in the volume of exports to Japan.

exports, by destination [tables 21-25]

value of exported edible fisheries products, by destination



main export markets for seafood

Japan and Hong Kong are the main export markets for Australian edible fisheries exports. In 2004-05, 32 per cent of edible fisheries products were exported to Japan (\$380 million) and 30 per cent were exported to Hong Kong (\$359 million). Over the past three years, the value of exports to Japan have been decreasing significantly (table 24, figure 1).

In 2004-05, the total value of seafood exports to Japan fell by 22 per cent or \$109 million from \$489 million in 2003-04. The majority of edible finfish exported to Japan was tuna products valued at \$158 million, down 41 per cent from \$267 million in 2003-04 (table 25). Exports of

southern bluefin tuna fell by \$103 million or 43 per cent from 2003-04 levels, accounting for most of the fall in Australian tuna exports to Japan (figure J). Increased competition from Mediterranean northern bluefin tuna and a depreciating Japanese yen drove the fall in export value. Other major exports to Japan were rock lobster and prawns, each representing 19 per cent, by value, of Australian exports to Japan.

The main products exported to Hong Kong were rock lobster (\$149 million) and abalone (\$147 million) – together they account for over 80 per cent of edible fisheries products exported to Hong Kong. Rock lobster was also the major fisheries product exported to the United States, valued at almost \$100 million, accounting for 78 per cent of Australian exports to the United States by value.

Primary export markets for Australian finfish products are Japan (tuna and salmon) and Thailand (whiting). Japan bought over 97 per cent of all tuna exports (excluding canned) in 2004-05 and over 76 per cent of salmon exports (excluding canned). Over 63 per cent of whiting exports were exported to Thailand. The majority of canned finfish exports went to New Zealand, which accounted for 92 per cent of all canned tuna exports in 2004-05 and 96 per cent of all canned salmon exports (table 21).

Hong Kong and Japan continued to be the primary markets for Australia's exports of crustacean and mollusc products in 2004-05, valued at \$337 million and \$201 million respectively (table 25). Together they account for 58 per cent of all Australian shellfish (comprised of crustaceans and molluscs) exports (table 20). The majority of shellfish exports to Hong Kong were comprised of rock lobster (44 per cent) and abalone (44 per cent). The United States and Chinese Taipei bought a further 22 per cent or \$170 million of total shellfish exports in 2004-05.

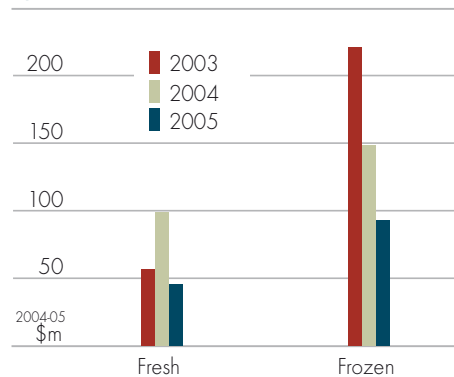
main markets for nonedible fisheries products

The principal markets for nonedible fisheries products in 2004-05 were Hong Kong (\$137 million), Japan (\$60 million) and the United States (\$28 million). Other markets for nonedible products included New Zealand, Switzerland and the United Kingdom (table 24).

exports, by state [table 28]

By value, South Australia and Queensland are the main exporters of finfish, while South Australia and Western Australia are the main exporters of crustaceans. Of the value of total edible fisheries products exported, Western Australia provided 29 per cent; South Australia provided 24 per cent and Queensland provided 19 per cent in 2004-05 (table 28).

J value of Australian southern bluefin tuna exports to Japan



production and trade

imports of fisheries products [tables 29-38]

value of imports, by sector

Australia imported \$1.17 billion of fisheries products in 2004-05, an increase of 6 per cent or \$66 million from 2003-04. Almost 82 per cent (\$959 million) of the gross value of imports was edible fisheries products, consisting of finfish, crustaceans and molluscs and in particular prawns, frozen finfish fillets and canned fish.

The remaining \$213 million of imports consisted of nonedible fisheries products – such as pearls, fish meal, and marine fats and oils – also a 6 per cent increase over 2003-04.

edible fisheries imports [tables 29, 31]

In 2004-05, 47 per cent (\$547 million) of the total value of imports of fisheries products were edible finfish products, while crustaceans and molluscs made up 35 per cent (\$412 million). The largest categories of edible finfish imports in value terms were frozen fish fillets (\$187 million, 34 per cent of edible finfish imports) and canned fish (\$189 million, 34 per cent). Crustacean and mollusc imports consisted mainly of prawns (\$201 million) followed by calamari, squid and octopus (\$59 million) and scallops (\$27 million).

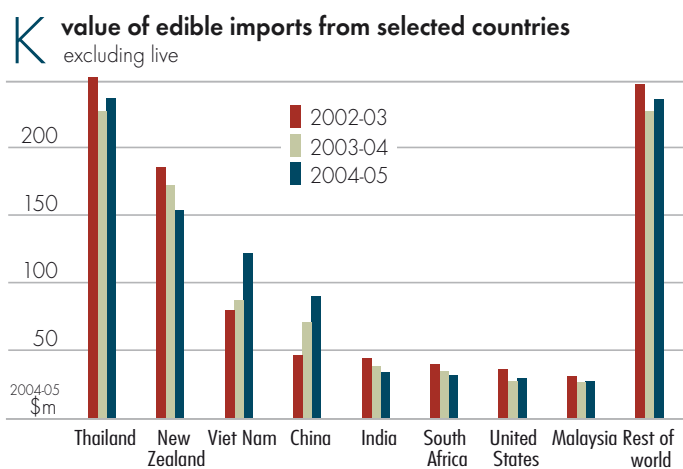
nonedible fisheries products imports [table 29]

Nonedible fisheries products imported into Australia in 2004-05 consisted of pearls, fish meal, marine fats and oils and ornamental fish. Pearls were the most valuable imports (\$146 million) followed by fish meal (\$21 million) and marine fats and oils (\$15 million).

imports, by source [tables 32-37]

seafood

Thailand and New Zealand continued to dominate as the major source of edible fisheries products imported into Australia, accounting for around 41 per cent of total edible imports (figure K). Imports from Thailand made up 25 per cent of edible products by value (\$237 million), followed by 16 per cent from New Zealand (\$153 million). The remainder of edible imports originated from a number of countries including Viet Nam (\$122 million),



China (\$90 million), India (\$34 million) and South Africa (\$32 million) (table 37).

Over the three years 2002-03 to 2004-05, the value of edible fisheries imports from Viet Nam and China has increased by approximately \$46 million each. This represents a 60 per cent increase from Viet Nam and a 103 per cent increase from China (table 37). The main imported products from Viet Nam are frozen prawns (predominantly vannamei prawns) valued at \$70 million in 2004-05 and frozen fish fillets (predominantly cat fish) valued at \$38 million (figure L).

In 2004-05, the main products imported from China were frozen prawns (\$24 million) – predominantly Vannamei prawns – squid (\$23 million) and scallops (\$15 million) (figure M). The real value of frozen prawn imports from China fell from \$27 million in 2003-04 to \$24 million in 2004-05 (measured in 2004-05 dollars). However, this fall in value occurred as the quantity of frozen prawn imports rose by 151 tonnes to 4024 tonnes.

In 2004-05, over 59 per cent (\$112 million) of Australia's imports of canned fish and 18 per cent (\$6 million) of canned crustacean and mollusc imports were sourced from Thailand. New Zealand was the source of almost 37 per cent of Australian imports of fresh, chilled or frozen fish products (\$89 million – table 33), 20 per cent of fresh, chilled and frozen molluscs (\$19 million – table 36) and 31 per cent of canned crustacean and mollusc imports (\$10 million – table 36). In addition, 24 per cent of dried and salted fish were imported from Norway (\$2 million – table 34), while Denmark was the source of almost 64 per cent of Australia's smoked fish imports (\$17 million – table 34).

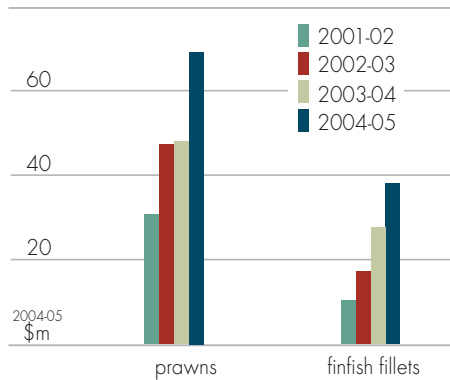
nonedible fisheries products

Australia's imports of nonedible fisheries products were sourced from a wide range of countries. In 2004-05, around 24 per cent of all nonedible fisheries products were sourced from four countries – Peru (\$19 million), New Zealand (\$11 million), Indonesia (\$11 million) and the United States (\$10 million).

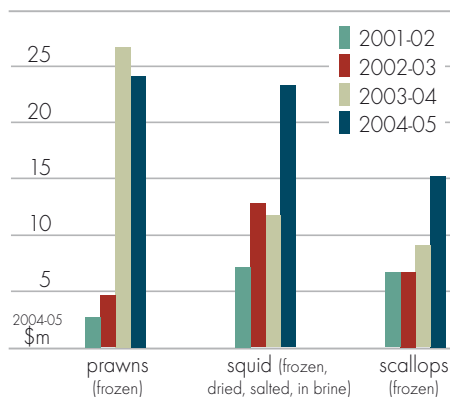
employment

Historically, employment data for the fishing industry have been collected by the Australian Bureau of Statistics (ABS). The data collected by the ABS are gathered from the population census survey and thus are collected every five years. The next census will be collected in 2006 but the data will not be available until 2007. However, the Fisheries Research and Development Corporation has stated that 'data collected by Australian

L value of imports of frozen prawns and frozen finfish fillets from Viet Nam



M value of frozen prawn, squid and scallop imports from China



production and trade

A estimated employment in the Australian fishing industry – Australian Bureau of Statistics as at August 2001

	New South Wales	Victoria	Queens- land	South Australia	Western Australia	Tas- mania	North- ern Territory	Australian Capital Territory	other terri- tories	Aus- tralia
	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.
Marine fishing	331	125	390	237	245	224	59	0	0	1 611
Rock lobster fishing	54	145	70	221	722	242	5	0	0	1 459
Prawn fishing	223	6	472	109	150	0	80	0	0	1 040
Finfish trawling	93	26	90	40	27	9	3	0	0	288
Squid jigging	3	6	0	3	0	0	0	0	0	12
Line fishing	12	6	31	26	10	3	3	0	0	91
Aquaculture	926	320	592	764	601	846	166	6	0	4 221
Fish wholesaling	1 333	856	1 473	583	742	455	79	19	0	5 540
Seafood processing	303	269	377	457	239	545	20	3	0	2 213
Commercial fishing, undefined	724	311	816	459	493	249	94	6	0	3 152

B estimated employment in the Australian fishing industry – ABARE as at January 2005

	number of employees	notes
wild catch		
Commonwealth	1 984	Average number of crew multiplied by estimated number of active vessels in Commonwealth fisheries. This information does not include offshore employees. Vessels known to operate in both Commonwealth and state waters are not included. Source: ABARE
New South Wales	2 205	The number of commercially licensed fishers. It is uncertain how many of these fishers are full time versus part time employees. Source: NSW fisheries dept.
Victoria	na	Information not available.
Queensland	2 868	Full time labor equivalents. Source: QDPI.
South Australia	na	Information not available.
Western Australia	3 299	Estimated total number of crew including skipper. Source: WA Department of Fisheries.
Tasmania	3 892	It is uncertain how many of these fishers are full time versus part time employees. Source: Tasmanian DPIWE.
Northern Territory	481	It is uncertain how many of these fishers are full time versus part time employees. Information available for the mud crab fishery did not distinguish between fishers and processing employees. Source: NT DBIRD (2004).

continued ...

B estimated employment in the Australian fishing industry – ABARE as at January 2005 *continued*

	number of employees	notes
aquaculture		
New South Wales	na	Information not available.
Victoria	334	This includes 194 permanent and 150 casual employees. <i>Source: Victorian Aquaculture Information Bulletin.</i>
Queensland	612	Full time labor equivalents. <i>Source: Queensland Report to Farmers 2002/03.</i>
South Australia	1 614	Full time labor equivalents. <i>Source: PIRSA.</i>
Western Australia	na	Information not available.
Tasmania	676	This includes 472 permanent and 204 casual employees. <i>Source: DPIWE.</i>
Northern Territory	297	This includes 24 permanent and 8 casual employees working on barramundi farms; 16 permanent and 7 full time labor equivalent employees working on prawn farms; and 242 employees involved in spat collection, processing, marketing and trading of NT pearls. <i>Source: NT DBIRD (2004).</i>
processing (FT – full time; PT – part time)*		
New South Wales	125 FT 176 PT	ABARE carried out a survey of seafood processors across Australia. Of the 197 businesses found in the yellow pages, were contacted and found to be ineligible (that is, not or no longer a seafood processor) and a further 36 businesses were unable to be contacted.
Victoria	82 FT 210 PT	
Queensland	113 FT 302 PT	
South Australia	165 FT 174 PT	
Western Australia	125 FT 627 PT	
Tasmania	176 FT 419 PT	
Northern Territory	na	There were no seafood processing businesses listed in the yellow pages for the Northern Territory.

* Full time labor equivalent – for example, two people employed half time is equivalent to one person employed full time.

Bureau of Statistics is not disaggregated in sufficient detail to be very useful, and tends to underrecord employees by allocating them to other industries such as transport and generalized food processing' (FRDC 2004). While information on the processing industry is collected annually by the ABS from the manufacturing census, the ABS has been unable to publish these data since 2001-02 because of methodological problems (ABS, personal communication, December 2004).

The most recently available ABS employment data for the Australian fishing industry is shown in table A.

production and trade

To provide additional information on employment, ABARE has collected available data from its fishery survey data for the Commonwealth fisheries and from the states and Northern Territory, where available (table B). To obtain information on employment in the seafood processing sector, ABARE carried out a survey of the sector in January 2005. This information is presented in table B.

The differences in definitions of employment between the states and sectors mean that the total number of employees cannot be estimated. However, it appears that estimates for employment in the Australian fisheries industry gathered by ABARE are larger than those given by the ABS in August 2001. In part, this may reflect an increase in activity over the four years since the last census.

recreational fishing

Australia

The recreational fishing sector of the fishing industry is larger and more widely dispersed than in any other natural resource industry that supports a prominent commercial sector (FRDC 2004).

The large number of participants in this sport is increasingly leading to substantial catches being taken by the recreational fishing sector. In 2000-01, the National Recreational and Indigenous Fishing Survey was commissioned. Commonwealth and state agencies carried out the survey in the twelve months prior to May 2001 (Henry and Lyle 2003). This survey used telephone and diary survey methods to estimate the number of recreational fishers in each state and the extent of their activities. Data collected included catch levels, fishing mode and location, and expenditure data at a state level.

From this survey, it was estimated that 3.36 million people across Australia participated in recreational fishing over the twelve months to May 2000. Fishing participation was dominated by males, with a participation rate twice that of females. The greatest number of fishers was in the 30-44 age group, though participation rates were highest among children in the 5-14 age group. The predominant method of fishing across all states and territories was line fishing, while the majority of fishing events occurred in either estuarine or coastal waters.

Estimated attributable expenditure on recreational fishing by state is shown in table C. This expenditure includes money spent during the survey period on both directly related fishing items, such as bait and boat hire, as well as indirect expense items such as travel and accommodation.

recreational fishing, attributable expenditure, by state

	total	per fisher
	\$m	\$
New South Wales	554	555
Victoria	396	721
Queensland	320	407
South Australia	148	452
Western Australia	338	706
Tasmania	52	416
Northern Territory	27	608

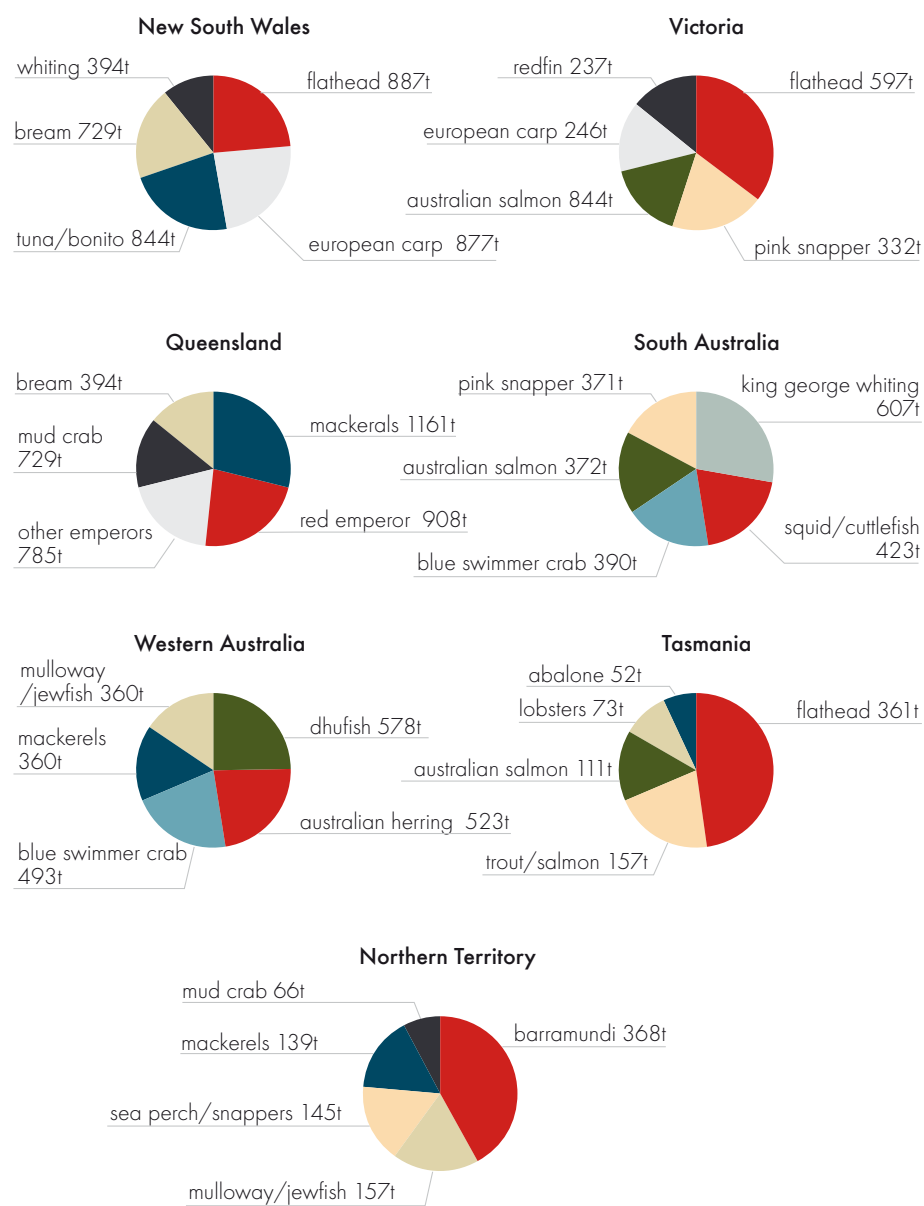
Source: Henry and Lyle (2003).

Recently, debate has increased on the allocation of fishery resources between various user groups, especially commercial and recreational fishers. Economic valuations of each sector can assist this allocation process. However, two things should be noted about the estimates provided in this report. First, gross value of production is not a good proxy for an economic assessment of the economic value of commercial fishing, nor is recreational fishing expenditure a good proxy for an economic assessment of the economic value of recreational fishing. Second, gross value of production is not comparable to estimates of recreational

fishing expenditure. For further information on economic valuation techniques and resource allocation, see Hundloe (2002) and Galeano et al. (2004). Expenditure data on recreational fishing provide an indication of the level of recreational fishing activity in Australia.

Major recreational catch species for each state are shown in figure N (Henry and Lyle 2003). While for New South Wales, Victoria, South Australia and the Northern Territory finfish species were of greatest importance to recreational fishers, in Queensland, Western Australia and Tasmania, crustaceans and molluscs were a greater proportion of the recreational harvest.

N estimated recreational catches in Australia, 1999-2000



production and trade

A recreational fishing licence is required for all recreational fishing in New South Wales. Victoria introduced an all-water recreational fishing licence in 1999; however, there are a number of categories entitling an exemption to holding a licence. In Western Australia, recreational fishing licences are required for abalone, rock lobster, marron, net fishing and freshwater angling. Size and bag limits also apply for the majority of fish species caught. A recreational fishing licence is necessary in Tasmania for inland fishing, and for the collection of abalone and rock lobster. Seasonal closures and area and gear restrictions are used for many of the larger recreational fisheries such as rock lobster, giant crab, abalone and scallops. Queensland, South Australia and the Northern Territory do not

require recreational fishing licences. South Australia uses effort controls such as size limits, gear restrictions and area closures to regulate recreational catch, while the Northern Territory has fish possession limits for a number of species.

The Northern Territory and all states expect Tasmania undertake or have undertaken a number of recreational fishing surveys, based either on species or on individual fisheries. Details of these surveys and recreational fishing in general can be found on the state/territory web sites listed in box 1. In particular Queensland has made available on their web site an interactive database (the Coastal Habitat Resources Information System or CHRIS) containing information on recreational species caught in Queensland.

box 1: surveys and recreational fishing web sites

New South Wales	www.nsw.fish.gov.au
Victoria	www.dpi.vic.gov.au
Queensland	www.dpi.qld.gov.au
South Australia	www.pir.sa.gov.au
Western Australia	www.fish.wa.gov.au
Tasmania	www.dpiwe.tas.gov.au
Northern Territory	www.fisheries.nt.gov.au

references

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fisheries in Australia

2005 profile

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	83 vessels
Torres Strait	Torres Strait waters	Prawn, rock lobster, Spanish mackerel, pearl shell, trochus shell, and reef fish	Otter trawl, troll and dive	415 rock lobster 258 mackerel 125 pearl shell 77 prawn 179 sea cucumber 110 trochus 101 crab 239 line 151 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	118 vessels
Gillnet, Hook and Trap Fishery	Commonwealth waters off south Queensland, NSW, Victoria, Tasmania and SA	Mixed fish species particularly pink ling, blueeye trevalla and gummy shark	Demersal gillnet, demersal longline, dropline, trotline, trap and purse seine	116 vessels
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	10 vessels
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	112 vessels
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	283 permits

profile

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	125 permits
Bass Strait scallop	Commonwealth waters off SA, Victoria and Tasmania	Scallop	Dredge	152 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	78 permits
Southern squid	Commonwealth waters off SA, Victoria, NSW squid Tasmania and southern Queensland	Arrow or Gould's	Jig	80 permits
Sub Antarctic	Heard, McDonald Islands and Macquarie Island waters	Patagonian toothfish, and icefish	Otter trawl and midwater trawl	3 vessels
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, hand lines, diving, seine nets	18 permits
South Tasman Rise	High seas adjacent to AFZ, south of Tasmania	Orange roughy, oreo dory	Deepwater demersal trawling	14 permits

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 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 Prawns, and pippis	Sea mullet, luderick hand gathering	Mesh and haul, nets,	685 licence holders
Aquaculture	Prawns	Pond culturing	15 licence holders
	Yabbies	Ponds and farm dams	122 licence holders
	Oysters	Rack tray and stick	378 licence holders
	Silver Perch	Pond	124 licence holders
	Trout	Ponds and raceway	39 licence holders
	Snapper	Ponds	14 licence holders

* In *Australian Fisheries Statistics 2004*, the figure published was 317 – it should have been 217.

Victoria

fishery	species	method	number
Abalone	Greenlip, blacklip	Diving	71 licence holders
Scallops	Scallops	Dredging	94 licence holders
Bay and inlet	Mixed fish species	Various	113 licence holders
Rock lobster	Southern rock lobster	Pots	137 licence holders 7 235 pots
Giant crab	Giant crab	Pots	38 licence holders
Inshore trawl	Mixed fish species	Trawling	60 licence holders
Ocean (general)	Mixed fish species	Various	330 licence holders
Aquaculture	Freshwater eels	Recirculation units and cultured waters	19 licence holders
	Abalone	Flow through systems	17 licence holders
	Ornamental fish	Recirculation units and ponds	7 licence holders
	Mussels	Longlines	34 licence holders
	Yabbies	Recirculation units, ponds and farm dams	38 licence holders
	Salomoids (Trout)	Recirculation units and raceways	28 licence holders
	Warmwater finfish	Recirculation units, flow through systems and ponds	33 licence holders

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	448 licence holders
River and estuary trawl	Banana, 'bay' and tiger prawns	Beam	144 licence holders
Gulf of Carpentaria inshore	Barramundi, king and blue threadfin, tropical shark, grey mackerel	Set (gill) net	91 licence holders
East coast net inshore (mainly tropical)	Barramundi, king and blue threadfin, tropical shark, grey mackerel	Set (gill) net	160 licence holders
East coast net inshore (mainly subtropical)	Barramundi, king and blue threadfin, tropical shark, grey mackerel, mullet, tailor, bream, whiting	Seine and some net	436 licence holders
Line (handline)	Coral trout	Handline	369 licence holders
Line (trolling)	Spanish, mackerel, red throat emperor	Trolling	259 licence holders
Crab - estuary	Mud and blue swimmer	Pot	789 licence holders
Crab - oceanic	Spanner crabs		227 licence holders
Aquaculture	Prawns	Pond culture	62 licence holders
	Barramundi	Pond and cage culture	208 licence holders
	Oysters	Rack and stick culture	125 licence holders
	Redclaw	Ponds	233 licence holders
	Silver perch	Ponds and tanks	162 licence holders
	Eels	Ponds and tanks	36 licence holders
	Barcoo grunter	Ponds and tanks	94 licence holders

Western Australia

fishery	species	method	number
West coast rock lobster	Western rock lobster	Pots	536 boats and 56 838 pots
Abalone	Greenlip, brownlip and Roe's abalone	Diving	28 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
Aquaculture	Pearls Yabbies Marron Mussels	Longlines Ponds and farm dams Ponds and farm dams Longlines	

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	8 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	351 licence holders
Restricted marine scalefish	Various finfish, crustaceans, molluscs	Netting, line fishing, handlines and traps	17 licence holders
Miscellaneous	Various finfish, crustaceans, molluscs, worms	Traps, diving, etc	21 licence holders

South Australia <i>continued</i>			
fishery	species	method	number
Lakes and Coorong	Freshwater finfish, marine finfish, molluscs	Netting, line fishing, handlines	37 licence holders
River Fishery	Freshwater finfish, crustaceans	Netting, pots	6 licence holders
Aquaculture	Yabbies	Ponds and farm dams	142 licence holders
	Marron	Ponds and farm dams	101 licence holders
	Oysters	Rack and stick culturing	346 licence holders
	Southern bluefin tuna	Cage culture	31 licence holders
	Barramundi	Recirculating tanks	33 licence holders
	Murray cod		39 licence holders
	Abalone	Raceways and ocean rafts	51 licence holders
	Gold and silver perch	Pond culturing	51 licence holders
	Scallops		39 licence holders
	Yellowtail king fish		38 licence holders
Tasmania			
fishery	species	method	number
Abalone	Blacklip and greenlip abalone	Diving	123 diving
Rock lobster	Southern rock lobster	Pots	312 licence holders
Giant Crab	Giant crab	Pots	92 licence holders
Scallop	Commercial Doughboy Queen	Dredging	83 licence holders
Scalefish	Various	Netting/ hooks	576 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		16 licence holders
	Abalone	Sea cages and land based tanks	41 licence holders

Northern Territory

fishery	species	method	number
Coastal	Finfish and bait	Line, net and trap	73 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	28 licence holders
Aquaculture	Pearls		7 licence holders
	Prawns		9 licence holders
	Barramundi		7 licence holders

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

production

gross value of fisheries production – Australia

	2002-03 \$'000	2003-04 ^p \$'000	2004-05 ^s \$'000
State wild catch fisheries			
New South Wales	104 435	89 712	83 553
Victoria	88 974	72 137	85 078
Queensland	225 102	229 193	190 441
Western Australia	431 501	400 633	411 098
South Australia	195 219	182 536	188 241
Tasmania	159 306	144 029	163 977
Northern Territory	33 019	31 514	31 514
Total	1 237 555	1 149 754	1 153 903
Aquaculture ^a			
New South Wales	48 586	49 647	47 605
Victoria	20 699	23 746	23 946
Queensland	62 912	67 740	61 720
Western Australia	130 303	129 529	128 475
South Australia	301 721	278 973	186 643
Tasmania	122 744	135 920	134 914
Northern Territory	21 900	27 800	27 800
Total	708 865	713 355	611 103
Commonwealth fisheries			
Northern prawn	82 540	73 979	64 999
Torres Strait	36 666	32 986	29 946
Commonwealth trawl sector	65 734	54 547	58 926
Gillnet, hook and trap	21 587	23 500	24 591
South Tasman Rise	455	367	220
Great Australian Bight	8 576	14 305	16 654
Eastern tuna and billfish – longline and minor line	67 913	46 832	42 471
Eastern skipjack tuna	0	1 494	0
Southern bluefin tuna	77 840	38 156	43 807
Bass Strait scallop	694	1 475	387
Western tuna and billfish fishery	19 998	8 252	3 584
Other fisheries ^b	32 841	46 065	37 366
Total	414 844	341 955	322 950
Total value ^c	2 284 408	2 168 864	2 048 686

^a Excludes the value of hatchery fishery production. ^b Includes North west slope, Western deepwater, Southern squid, Jack mackerel, Macquarie Island, Coral Sea, Cocos and Christmas Islands, Heard and McDonald Islands, East coast deepwater, and Norfolk Island 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; Melbourne Wholesale Fish Market; New South Wales Department of Primary Industries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Fisheries Service; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

2 wild caught fisheries production ^a

	2002-03		2003-04 ^p		2004-05 ^s	
	t	\$'000	t	\$'000	t	\$'000
Fish						
Australian salmon	5 047	4 419	5 593	4 433	3 977	3 808
Australian sardine	25 304	26 334	36 596	27 591	60 872	36 661
Barramundi	1 526	9 578	1 624	10 034	1 444	8 777
Bream	932	5 371	1 000	5 197	1 123	5 718
Coral trout	2 172	32 581	1 740	25 951	1 139	17 070
Dories	1 026	2 955	1 227	3 772	1 204	3 697
Flathead	5 687	15 307	7 051	18 017	6 298	17 574
Gemfish	355	1 098	587	1 683	513	1 695
Ling	1 612	8 478	1 687	7 762	1 818	7 073
Mullet	6 398	14 672	5 871	13 642	6 282	14 385
Orange roughy	4 509	16 318	2 614	8 679	3 394	15 036
Sharks ^b	10 406	44 107	11 299	46 289	10 980	47 104
Spanish mackerel	1 708	11 038	1 770	11 233	1 392	8 903
Tuna	11 001	126 540	10 130	72 511	9 064	71 794
Whiting	4 796	19 878	4 139	17 269	4 108	15 709
Other	62 246	203 145	62 796	197 427	57 990	176 976
Total	144 725	541 818	155 726	471 490	171 597	451 978
Crustaceans						
Crabs	7 003	50 956	7 297	53 734	6 532	46 571
Prawns	23 076	307 936	23 731	300 068	20 336	254 609
Rock lobster	16 609	455 483	19 338	402 186	17 550	408 848
Other	979	11 368	820	10 233	967	12 771
Total	47 667	825 744	51 187	766 221	45 384	722 799
Molluscs						
Abalone	5 106	211 943	5 588	189 560	5 592	219 874
Octopus	698	2 570	903	3 968	624	3 345
Pipi	1 516	3 346	1 940	4 685	2 135	5 494
Scallops	9 562	34 619	9 265	24 551	15 357	45 630
Squid	3 427	9 654	4 561	13 520	3 762	9 879
Other	1 546	19 036	970	15 995	858	15 595
Total	21 856	281 168	23 227	252 279	28 327	299 816
Other NEI	600	3 671	211	1 713	220	2 260
Total wild caught	214 849	1 652 401	230 351	1 491 703	245 529	1 476 853

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

Sources: ABARE; Australian Fisheries Management Authority; Marine and Freshwater Resources Institute; Melbourne Wholesale Fish Market; New South Wales Department of Primary Industries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Fisheries Service; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

production

3 fisheries production in 2002-03, by state ^a - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'wlth	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	136	0	0	249	267 342	1	20	126 135	317 025 b
Other	48 032	28 825	101 477	44 139	40 178	109 901	24 816	163 604 c	560 972
Total	48 169	28 825	101 477	44 388	307 520	109 902	24 836	289 739	877 997
Crustaceans									
Prawns	37 320	1 140	141 226	49 821	32 459	0	0	102 039	364 004
Rock lobster	5 432	17 648	7 412	281 023	82 666	52 137	0	14 342	460 660
Crab	6 364	352	25 740	7 325	4 445	1 644	5 035	57	50 962
Other	1 658	370	1 292	2 407	626	0	139	4 067	10 560
Total	50 774	19 510	175 671	340 576	120 196	53 781	5 174	120 504	886 186
Molluscs									
Abalone	10 964	54 866	0	13 177	39 369	97 855	0	0	216 231
Scallops	0	1 357	7 538	22 821	0	2 122	3	778	34 619
Oysters	34 700	0	693	0	15 116	11 561	0	0	62 070
Squid	973	777	969	720	2 950	709	82	2 475	9 654
Other	5 086	4 337	0	139 038	3 020	1 820	2 924	258	156 483
Total	51 723	61 337	9 200	175 756	60 455	114 066	3 009	3 511	479 057
Other NEI	2 354	0	1 667	1 084	8 769	4 302	21 900	1 093	41 169
Total value	153 019	109 672	288 014	561 804	496 940	282 052	54 919	414 844 d	2 284 408 b
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	38	0	0	38	7 763	0	6	10 920	13 390 b
Other	14 259	5 366	15 617	16 586	25 936	14 697	5 107	54 163 c	151 731
Total	14 296	5 366	15 617	16 624	33 699	14 698	5 113	65 083	165 121
Crustaceans									
Prawns	2 410	89	10 576	4 125	1 740	0	0	7 501	26 441
Rock lobster	122	488	632	11 477	2 361	1 422	0	579	17 081
Crab	606	26	3 825	1 229	706	56	547	9	7 004
Other	419	35	96	150	29	0	14	328	1 071
Total	3 556	638	15 129	16 981	4 836	1 478	561	8 418	51 597
Molluscs									
Abalone	276	1 308	0	270	949	2 389	0	0	5 192
Scallops	0	632	1 538	6 792	0	164	1	435	9 562
Oysters	5 603	0	0	0	2 706	2 228	0	0	10 537
Squid	174	74	194	190	346	110	25	2 314	3 427
Other	1 261	1 546	0	1 008	1 803	454	301	114	6 488
Total	7 315	3 560	1 732	8 260	5 804	5 346	327	2 862	35 206
Other NEI	17	0	78	124	1 077	153	0	285	1 734
Total quantity	25 185	9 564	32 556	41 989	45 416	21 675	6 001	76 646 d	253 658 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 the fish component of Commonwealth fisheries, plus catch from Commonwealth fisheries that cannot be disaggregated due to confidentiality reasons. **d** Totals include all fisheries under federal jurisdiction.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; Melbourne Wholesale Fish Market; New South Wales Department of Primary Industries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Fisheries Service; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

4 fisheries production in 2003-04, by state ^{ap} - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'with	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	83	0	0	94	243 217	0	29	72 304	279 533 b
Other	44 659	26 319	94 086	48 400	38 828	118 640	25 888	157 173 c	553 994
Total	44 742	26 319	94 086	48 494	282 045	118 640	25 918	229 478	833 527
Crustaceans									
Prawns	27 737	717	151 937	45 477	43 423	0	0	88 539	357 830
Rock lobster	4 196	13 810	6 230	261 434	61 365	44 921	0	14 464	406 419
Crab	6 005	367	29 729	7 413	4 020	1 643	4 473	85	53 734
Other	1 547	220	1 601	2 387	905	0	213	3 521	10 394
Total	39 485	15 114	189 497	316 711	109 713	46 564	4 686	106 608	828 378
Molluscs									
Abalone	8 668	50 110	0	14 180	34 663	88 655	0	0	196 276
Scallops	0	395	9 954	8 336	0	4 324	14	1 528	24 551
Oysters	37 921	0	730	0	21 152	17 387	0	0	77 191
Squid	954	781	974	3 989	2 555	614	30	3 623	13 520
Other	5 871	3 164	340	137 440	3 847	1 978	867	590	154 096
Total	53 414	54 450	11 999	163 945	62 217	112 959	910	5 741	465 634
Other NEI	1 718	0	1 351	1 012	7 534	1 786	27 800	123	41 325
Total value	139 359	95 883	296 933	530 162	461 509	279 949	59 314	341 955 d	2 168 864 b
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	24	0	0	15	9 558	0	8	10 084	14 686 b
Other	14 405	4 938	15 063	17 645	36 818	15 664	5 286	54 858 c	164 678
Total	14 429	4 938	15 063	17 660	46 376	15 664	5 294	64 942	179 364
Crustaceans									
Prawns	2 001	56	11 610	3 827	2 126	0	0	7 835	27 455
Rock lobster	108	499	535	13 744	2 400	1 601	0	810	19 697
Crab	633	40	4 229	1 167	707	64	437	20	7 297
Other	114	21	121	149	49	0	26	255	735
Total	2 857	616	16 495	18 887	5 282	1 665	463	8 919	55 184
Molluscs									
Abalone	252	1 565	0	351	982	2 645	0	0	5 795
Scallops	0	261	1 999	2 341	0	3 542	4	1 118	9 265
Oysters	5 852	0	0	0	4 382	2 456	0	0	12 690
Squid	183	84	195	1 060	302	89	5	2 642	4 561
Other	1 489	1 121	0	1 091	1 922	498	92	177	6 391
Total	7 777	3 031	2 194	4 843	7 588	9 230	101	3 937	38 701
Other NEI	16	0	60	87	894	123	0	15	1 195
Total quantity	25 078	8 585	33 812	41 477	60 140	26 683	5 858	77 813 d	274 444 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 the fish component of Commonwealth fisheries, plus catch from Commonwealth fisheries that cannot be disaggregated due to confidentiality reasons. **d** Totals include all fisheries under federal jurisdiction. **p** Preliminary.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; Melbourne Wholesale Fish Market; New South Wales Department of Primary Industries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Fisheries Service; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

production

5 fisheries production in 2004-05, by state as - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'with	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	119	0	0	81	139 955	0	29	71 564	172 479 b
Other	48 773	25 270	74 452	46 996	44 948	115 680	25 888	150 275 c	532 283
Total	48 892	25 270	74 452	47 077	184 903	115 680	25 918	221 839	704 762
Crustaceans									
Prawns	20 989	303	125 077	42 557	35 805	0	0	79 741	304 473
Rock lobster	3 767	13 697	6 957	264 659	66 041	47 630	0	12 297	415 048
Crab	4 279	669	23 813	7 451	4 125	1 600	4 473	160	46 571
Other	1 431	219	1 747	2 915	1 111	7	213	4 268	11 911
Total	30 466	14 888	157 594	317 582	107 082	49 237	4 686	96 466	778 002
Molluscs									
Abalone	7 825	64 635	0	12 650	39 139	105 397	0	0	229 645
Scallops	0	400	15 703	24 460	0	4 593	14	460	45 630
Oysters	35 788	0	700	0	19 995	16 804	0	0	73 287
Squid	817	705	1 161	222	2 823	601	30	3 520	9 879
Other	5 923	3 126	550	136 843	3 927	3 055	867	265	154 555
Total	50 352	68 865	18 114	174 175	65 884	130 450	910	4 245	512 996
Other NEI	1 448	0	2 000	739	17 015	3 525	27 800	399	52 926
Total value	131 158	109 024	252 161	539 573	374 884	298 892	59 314	322 950 d	2 048 686 b
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	23	0	0	12	7 458	0	8	9 021	11 306 b
Other	14 992	4 691	12 488	15 944	60 714	15 359	5 286	52 084 c	181 558
Total	15 015	4 691	12 488	15 956	68 172	15 359	5 294	61 104	192 864
Crustaceans									
Prawns	1 627	23	9 512	3 585	2 173	0	0	6 650	23 570
Rock lobster	99	467	600	12 303	2 343	1 602	0	686	18 099
Crab	411	33	3 574	1 224	780	57	437	15	6 532
Other	105	19	129	158	62	1	26	215	715
Total	2 243	542	13 814	17 270	5 358	1 660	463	7 566	48 916
Molluscs									
Abalone	186	1 615	0	304	1 079	2 709	0	0	5 893
Scallops	0	196	3 148	6 870	0	4 796	4	343	15 357
Oysters	4 727	0	0	0	4 650	2 373	0	0	11 751
Squid	151	96	232	59	504	116	5	2 598	3 762
Other	1 327	1 305	0	836	1 973	809	92	120	6 462
Total	6 391	3 212	3 380	8 069	8 206	10 804	101	3 061	43 225
Other NEI	20	0	70	91	2 019	179	0	19	2 398
Total quantity	23 670	8 445	29 752	41 386	83 755	28 002	5 858	71 750 d	287 403 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 the fish component of Commonwealth fisheries, plus catch from Commonwealth fisheries that cannot be disaggregated due to confidentiality reasons. **d** Totals include all fisheries under federal jurisdiction. **s** Estimates.

Sources: ABARE; Australian Fisheries Management Authority; Fisheries Victoria, Department of Primary Industries; Melbourne Wholesale Fish Market; New South Wales Department of Primary Industries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Fisheries Service; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

6 fisheries production in 2004-05, by location of catch ^{as} – Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Other ^b	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	17 165	54	13 963	1 289	173 488	23	35	0	172 479 ^c
Other	69 235	57 646	83 789	51 826	67 499	145 485	28 020	31 512	532 283
Total	86 400	57 700	97 752	53 115	240 987	145 507	28 055	31 512	704 762
Crustaceans									
Prawns	21 317	303	160 275	46 386	35 805	0	40 377	4	304 473
Rock lobster	3 779	13 697	6 957	264 659	66 041	47 630	1	757	415 048
Crab	4 350	697	23 559	7 451	4 128	1 647	4 760	0	46 571
Other	1 615	901	2 215	2 924	976	7	453	1 706	11 911
Total	31 061	15 597	193 006	321 420	106 950	49 284	45 591	2 467	778 002
Molluscs									
Abalone	7 825	64 635	0	12 650	37 846	105 397	0	0	229 645
Scallops	0	745	15 708	24 460	0	4 634	69	0	45 630
Oysters	35 788	0	700	0	22 638	16 804	0	0	73 287
Squid	1 489	1 479	1 174	247	3 083	697	87	1 911	9 879
Other	7 355	3 056	550	136 843	3 777	3 061	1 207	2	154 555
Total	52 457	69 915	18 132	174 200	67 343	130 594	1 362	1 913	512 996
Other NEI	1 448	0	2 000	739	17 015	3 525	27 800	399	52 926
Total value	171 366	143 213	310 889	549 475	432 296	328 910	102 809	36 291	2 048 686 ^{cd}
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	1 919	8	1 750	160	12 470	4	9	0	11 306 ^c
Other	21 504	16 781	14 131	17 172	67 972	26 001	5 700	12 743	181 558
Total	23 422	16 789	15 881	17 332	80 443	26 006	5 709	12 743	192 864
Crustaceans									
Prawns	1 799	23	12 729	3 947	2 173	0	2 896	1	23 570
Rock lobster	99	467	600	12 303	2 343	1 602	0	50	18 099
Crab	417	32	3 523	1 224	780	59	451	0	6 532
Other	113	54	165	159	55	1	31	62	715
Total	2 429	576	17 016	17 633	5 352	1 662	3 378	113	48 916
Molluscs									
Abalone	186	1 615	0	304	1 017	2 709	0	0	5 893
Scallops	0	499	3 148	6 870	0	4 832	3	0	15 357
Oysters	4 727	0	0	0	4 620	3 391	0	0	11 751
Squid	558	550	237	64	619	174	27	1 659	3 762
Other	1 348	1 290	0	836	1 894	812	125	0	6 462
Total	6 820	3 954	3 385	8 074	8 150	11 917	156	1 659	43 225
Other NEI	20	0	70	91	2 019	179	0	19	2 398
Total quantity	32 692	21 319	36 351	43 129	95 963	39 765	9 243	14 534	287 403 ^{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, Jack 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; Melbourne Wholesale Fish Market; New South Wales Department of Primary Industries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Department of Primary Industries; Queensland Fisheries Service; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

production

7 fisheries production – New South Wales

	2002-03		2003-04		2004-05 p	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	122	5 432	108	4 196	99	3 767
King prawns	1 180	24 109	849	17 795	629	13 092
School prawns	563	5 801	635	4 973	547	2 892
Other prawns	258	1 231	155	538	157	541
Crabs	605	6 359	633	6 005	411	4 279
Other	87	1 221	86	1 190	82	1 067
Total a	2 815	44 153	2 465	34 696	1 925	25 639
Molluscs						
Abalone	276	10 964	252	8 668	186	7 825
Scallops	0	0	0	0	0	0
Cuttlefish	280	688	335	850	273	696
Pipi	301	1 878	571	2 367	656	2 832
Octopus	562	1 973	487	2 103	301	1 971
Squid	174	973	183	954	151	817
Other	52	213	54	289	62	209
Total a	1 645	16 689	1 881	15 232	1 628	14 349
Fish						
Sea mullet	3 236	6 535	2 872	5 598	3 798	7 621
Silver trevally	347	909	550	1 139	363	863
Yellowtail kingfish	250	1 744	145	1 009	100	713
Jack mackerel	419	2 088	127	293	58	51
Black and yellowfin bream	388	3 566	333	3 102	360	3 408
Australian salmon	1 346	1 688	2 131	2 508	1 511	1 940
Snapper	206	1 813	241	2 250	249	2 271
Rubberlip morwong	54	197	67	234	76	229
Mulloway	74	500	101	697	58	446
Sand whiting	170	1 817	179	1 894	141	1 486
Luderick	484	797	390	626	298	437
School whiting	1 835	4 708	1 583	3 707	1 375	3 009
Dusky flathead	157	847	133	748	111	655
Golden perch	6	98	1	19	0	0
Other	4 676	15 080	5 024	14 840	5 854	18 990
Total a	13 646	42 389	13 879	38 666	14 352	42 122
Other NEI	17	1 204	16	1 118	24	1 444
Total wild caught	18 124	104 435	18 240	89 712	17 928	83 553
Aquaculture b						
Prawns	409	6 178	363	4 432	294	4 464
Yabbies	32	431	28	354	23	362
Oysters	5 603	34 700	5 852	37 921	4 727	35 788
Silver perch	302	2 812	239	2 322	269	2 431
Trout	200	1 440	170	1 552	218	1 784
Mussels	67	334	44	261	36	215
Barramundi	85	905	101	1 128	121	1 360
Snapper	15	135	0	0	0	2
Ornamentals	0	620	0	554	0	547
Other	348	1 030	40	1 124	52	654
Total	7 061	48 586	6 838	49 647	5 742	47 605
Total production	25 185	153 019	25 078	139 359	23 670	131 158

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

8 fisheries production – Victoria

	2002-03		2003-04 ^p		2004-05 ^s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	488	17 648	499	13 810	467	13 697
Prawns	89	1 140	56	717	23	303
Crabs	26	352	40	367	33	669
Other	28	236	16	156	15	141
Total	631	19 376	611	15 050	538	14 810
Molluscs						
Abalone	1 281	53 658	1 463	46 549	1 491	60 181
Scallops	632	1 357	261	395	196	400
Squid ^a	74	777	84	781	96	705
Octopus	29	122	41	116	18	77
Other	73	174	67	211	63	233
Total	2 089	56 088	1 916	48 052	1 864	61 596
Fish						
Australian sardine ^b	1 196	4 865	1 013	1 175	644	708
Bream	57	500	42	438	41	383
Sea garfish	85	590	84	615	101	620
Shark ^c	69	339	49	245	66	380
Snapper	76	571	96	707	114	779
Eels	106	1 174	105	1 115	86	910
Australian salmon	327	468	385	280	530	552
King george whiting	113	1 312	140	1 611	138	1 754
Other	1 604	3 691	1 228	2 849	1 116	2 586
Total	3 633	13 510	3 142	9 035	2 836	8 672
Other NEI	0	0	0	0	0	0
Total wild caught	6 353	88 974	5 669	72 137	5 238	85 078
Aquaculture ^d						
Mussels	1 444	4 042	1 013	2 837	1 224	2 816
Yabbies	7	134	5	64	4	78
Trout ^e	1 605	10 404	1 648	12 316	1 629	10 533
Eels ^f	18	181	43	450	116	1 462
Ornamental fish	0	3 003	0	2 752	0	2 741
Warmwater finfish ^g	110	1 727	105	1 766	110	1 863
Abalone	27	1 208	102	3 561	124	4 454
Total	3 211	20 699	2 916	23 746	3 207	23 946
Total production	9 564	109 672	8 585	95 883	8 445	109 024

^a Arrow squid taken by machine jig are now being reported to the Commonwealth. ^b From 2003-04 based on processor price, prior to that based on market price. ^c Shark data only includes Victorian bays and inlets and small quantities taken in ocean waters by non shark fishers operating in state proclaimed waters. ^d Excludes hatchery production. ^e Includes salmon production. ^f Eel production data are obtained from Victorian catch and effort monthly record, and may not be complete. ^g Includes Australian bass, barramundi, catfish, golden perch, murray cod and silver perch. ^p Preliminary. ^s Estimates.
Sources: ABARE; Fisheries Victoria, Department of Primary Industries; Melbourne Wholesale Fish Market.

production

9 fisheries production – Queensland

	2002-03		2003-04 p		2004-05 s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Prawns						
Endeavour	965	11 583	1 128	13 542	811	9 728
King	3 858	44 884	3 329	39 469	2 956	35 210
Tiger	1 861	27 908	2 242	33 635	1 841	27 622
Other	936	6 961	1 551	11 962	964	7 118
Total	7 620	91 336	8 250	98 607	6 572	79 677
Crabs	3 825	25 740	4 229	29 729	3 574	23 813
Lobster (mainly bugs)	632	7 412	535	6 230	600	6 957
Other	20	243	30	361	29	347
Total	12 098	124 732	13 044	134 927	10 774	110 794
Molluscs						
Scallops	1 538	7 538	1 999	9 954	3 148	15 703
Squid	194	969	195	974	232	1 161
Total	1 732	8 507	2 194	10 929	3 380	16 864
Fish						
Snapper	92	736	150	1 197	197	1 578
Barramundi	856	5 995	923	6 459	743	5 202
Bream (including tarwhine)	146	591	215	868	203	820
Mullet	2 088	6 269	2 103	6 312	1 661	5 000
Tailor	111	334	126	379	149	448
Whiting	955	2 572	890	2 556	1 282	3 306
Coral trout	2 146	32 185	1 605	24 079	1 091	16 362
Red throat emperor	876	4 381	679	3 394	226	1 129
Blue threadfin	240	959	327	1 306	245	980
King threadfin	430	1 722	430	1 722	434	1 736
Shark	1 640	9 842	1 925	11 548	1 456	8 735
Spotted mackerel	274	1 917	97	677	97	676
Spanish mackerel	1 021	7 145	754	5 277	505	3 535
Grey mackerel	466	3 260	597	4 181	680	4 763
Other species	3 011	13 957	2 961	13 381	2 013	8 511
Total	14 351	91 863	13 782	83 338	10 983	62 782
Other NEI	0	0	0	0	0	0
Total wild caught	28 181	225 102	29 020	229 193	25 137	190 441
Aquaculture a						
Prawns	2 956	49 890	3 360	53 330	2 940	45 400
Barramundi	1 194	9 008	1 200	10 050	1 425	11 000
Oysters	na	693	na	730	na	700
Pearls	0	0	0	340	0	550
Silver perch	43	336	56	450	45	390
Jade perch	49	350	38	300	35	280
Redclaw	75	1 049	91	1 240	100	1 400
Other b	57	1 586	47	1 300	70	2 000
Total	4 375	62 912	4 792	67 740	4 615	61 720
Total production	32 556	288 014	33 812	296 933	29 752	252 161

a Excludes hatchery production. b Includes eels and aquarium fish. p Preliminary. s Estimates. na Not available.
Sources: ABARE; Queensland Fisheries Service; Queensland Department of Primary Industries.

10 fisheries production – Western Australia

	2002-03		2003-04 p		2004-05 s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	11 477	281 023	13 744	261 434	12 303	264 659
Prawns	4 125	49 821	3 827	45 477	3 585	42 557
Crabs	1 229	7 325	1 167	7 413	1 224	7 451
Other	29	285	28	286	30	310
Total	16 860	338 454	18 766	314 610	17 142	314 977
Molluscs						
Abalone	270	13 177	351	14 180	304	12 650
Scallops	6 792	22 821	2 341	8 336	6 870	24 460
Squid	190	720	1 060	3 989	59	222
Other a	355	13 431	328	13 377	305	13 328
Total	7 607	50 149	4 080	39 882	7 538	50 660
Fish						
Tuna	38	249	15	94	12	81
Shark	2 039	4 803	2 228	5 631	2 635	6 418
Sharkfin	0	1 367	0	1 521	0	1 966
Australian salmon	1 858	798	2 373	1 020	1 245	535
Cobbler	278	915	210	676	180	547
WA dhufish	258	2 301	239	2 133	224	1 996
Spanish mackerel	478	2 560	488	3 174	336	2 177
Sea mullet	326	519	305	671	249	548
Yelloweye mullet	54	47	52	46	46	41
Australian sardine	2 064	1 858	1 813	1 632	1 828	1 645
Australian herring	530	212	375	149	219	87
Whiting	171	824	163	744	188	879
Breams	121	467	128	504	170	732
Emperors	986	3 337	1 325	4 053	1 135	3 555
Pink snapper	843	4 169	817	4 044	676	3 348
Rockcods	294	1 370	414	1 847	448	1 963
Tropical snappers	1 700	8 490	1 954	10 018	2 191	11 549
Other	4 340	8 241	4 402	7 925	3 858	7 122
Total	16 378	42 527	17 301	45 882	15 640	45 189
Other NEI b	124	371	87	259	91	272
Total wild caught	40 969	431 501	40 234	400 633	40 411	411 098
Aquaculture c						
Pearls	na	124 000	na	122 000	na	122 000
Yabbies	75	1 040	71	1 010	73	1 120
Marron	46	1 082	50	1 091	55	1 485
Mussels	653	1 607	763	2 063	531	1 515
Fish	246	1 776	359	2 494	316	1 699
Gold fish / koi carp	na	85	na	118	na	189
Ornamental	na	206	na	208	na	147
Other d	na	507	na	545	na	320
Total	1 020	130 303	1 243	129 529	975	128 475
Total production	41 989	561 804	41 477	530 162	41 386	539 573

a Value includes pearl oyster 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.

production

fisheries production – South Australia

	2002-03		2003-04		2004-05 p	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Prawns	1 740	32 459	2 126	43 423	2 173	35 805
Rock lobster	2 361	82 666	2 400	61 365	2 343	66 041
Crab	706	4 445	707	4 020	780	4 125
Other	0	0	21	272	20	218
Total	4 807	119 570	5 254	109 080	5 316	106 189
Molluscs						
Abalone	890	36 289	877	31 508	902	33 821
Pipi	1 187	1 373	1 073	1 441	1 103	1 352
Squid	346	2 950	302	2 555	504	2 823
Other	362	1 181	449	1 709	493	1 918
Total	2 785	41 793	2 701	37 213	3 002	39 914
Fish a						
Australian salmon	577	694	159	269	137	227
Mullet	214	511	155	367	160	361
Australian herring	197	289	150	300	183	353
Snapper	533	3 174	413	2 801	504	3 301
King george whiting	398	5 476	352	4 298	347	3 585
Garfish	332	1 940	319	1 822	364	1 929
Leather jackets	202	411	501	626	349	519
Australian sardine	21 741	17 827	33 160	22 549	56 952	28 476
Yellowfin whiting	181	1 067	163	910	138	764
Snook	112	263	81	206	83	188
Callop (golden perch)	64	706	80	812	102	1 034
Other species	896	1 498	1 029	1 283	1 112	1 401
Total	25 447	33 856	36 562	36 243	60 431	42 138
Other NEI	0	0	0	0	0	0
Total wild caught	33 039	195 219	44 517	182 536	68 749	188 241
Aquaculture b						
Yabbies	7	93	10	153	20	306
Marron	22	533	18	480	22	587
Oysters	2 706	15 116	4 382	21 152	4 650	19 995
Southern bluefin tuna c	7 763	267 342	9 558	243 217	7 458	139 955
Barramundi	471	6 166	216	2 255	217	2 265
Trout	18	156	40	330	66	545
Abalone	59	3 080	105	3 155	177	5 318
Mussels	254	466	400	697	377	657
Other d	1 077	8 769	894	7 534	2 019	17 015
Total	12 377	301 721	15 623	278 973	15 006	186 643
Total production	45 416	496 940	60 140	461 509	83 755	374 884

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 5216 tonnes in 2004-05, 5002 tonnes in 2003-04 and 5375 tonnes in 2002-03. d Includes snapper, microalgae, murray cod, yellowtail kingfish, golden perch and aquarium fish. p Preliminary.
Sources: ABARE; South Australian Research and Development Institute; Primary Industries and Resources South Australia.

12 fisheries production – Tasmania

	2002-03		2003-04 p		2004-05 s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	1 422	52 137	1 601	44 921	1 602	47 630
Giant crab	56	1 644	64	1 643	57	1 600
Other	0	0	0	0	1	7
Total	1 478	53 781	1 665	46 564	1 660	49 237
Molluscs						
Abalone	2 389	97 855	2 645	88 655	2 709	105 397
Octopus	68	394	71	404	79	429
Scallop	164	2 122	3 542	4 324	4 796	4 593
Other	188	1 052	159	937	170	858
Total	2 809	101 423	6 417	94 320	7 754	111 277
Fish a						
Australian salmon	407	557	167	204	334	466
Cod	2	5	2	4	1	3
Garfish	92	461	66	334	75	384
Banded morwong	56	693	46	318	42	274
Jackass morwong	15	20	17	20	17	29
Elephant shark	16	28	10	18	7	14
Bastard trumpeter	21	83	23	110	17	85
Striped trumpeter	38	279	37	299	24	219
School whiting	40	63	55	90	38	138
Wrasse	72	635	75	633	101	855
Shark	68	241	60	220	34	138
Other	267	736	276	734	263	716
Total	1 094	3 800	837	2 983	954	3 323
Other NEI	153	302	80	161	90	140
Total wild caught	5 535	159 306	8 999	144 029	10 458	163 977
Aquaculture b						
Salmonids c	13 603	106 101	14 828	115 656	14 405	112 357
Oysters	2 228	11 561	2 456	17 387	2 373	16 804
Mussels	309	1 082	357	1 251	677	2 369
Other d	na	4 000	43	1 625	89	3 384
Total	16 140	122 744	17 684	135 920	17 544	134 914
Total production	21 675	282 052	26 683	279 949	28 002	298 892

a Excludes shark from the Commonwealth southern shark fishery; includes jack mackerel. **b** Excludes hatchery production. **c** Includes Atlantic salmon and ocean trout, weight in HOGG (head on, gilled and gutted). **d** Includes scallops, native oysters, seahorses and abalone. **p** Preliminary. **s** Estimates. **na** Not available.

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

production

13 fisheries production – Northern Territory

	2002-03		2003-04 ^p		2004-05 ^s	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Crab	547	5 035	437	4 473	437	4 473
Other	14	139	26	213	26	213
Total	561	5 174	463	4 686	463	4 686
Molluscs						
Scallops	1	3	4	14	4	14
Squid	25	82	5	30	5	30
Other	300	2 924	92	867	92	867
Total	327	3 009	101	910	101	910
Fish						
Tuna	6	20	8	29	8	29
Shark	969	6 191	1 102	7 053	1 102	7 053
Snapper	265	1 613	240	1 446	240	1 446
Barramundi	670	3 583	701	3 575	701	3 575
Threadfin salmon	261	573	375	699	375	699
Jewfish (mulloway)	180	469	232	580	232	580
Emperor	97	537	106	593	106	593
Cod	33	165	44	217	44	217
Mackerel	1 273	5 066	908	4 027	908	4 027
Gold band snapper	404	2 403	540	3 211	540	3 211
Sea perch	763	3 540	818	3 797	818	3 797
Other	192	676	220	691	220	691
Total	5 113	24 836	5 294	25 918	5 294	25 918
Total wild caught	6 001	33 019	5 858	31 514	5 858	31 514
Aquaculture ^a	na	21 900	na	27 800	na	27 800
Total production	6 001	54 919	5 858	59 314	5 858	59 314

^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. 2004-05 production data were not available at time of publication, so 2003-04 data has been used as estimates. **na** Not available.
Sources: ABARE; Northern Territory Department of Primary Industry and Fisheries.

14 fisheries production – Commonwealth

	2002-03		2003-04 p		2004-05 s	
	t	\$'000	t	\$'000	t	\$'000
Northern prawn						
Prawn						
Tiger	1 969	34 640	2 186	32 072	1 785	29 152
Banana	3 325	42 797	3 516	36 043	2 764	30 634
Endeavour	395	4 543	418	4 388	412	3 948
King	3	47	1	12	2	30
Other prawns	6	21	71	610	73	499
Total prawns	5 699	82 048	6 192	73 126	5 035	64 263
Other species	62	492	85	854	89	736
Total	5 761	82 540	6 277	73 979	5 124	64 999
Torres Strait						
Prawn						
Tiger	665	10 700	653	8 819	706	9 525
Endeavour	750	6 902	705	5 290	663	4 908
King	122	1 586	85	974	59	587
Other prawns	5	17	4	9	12	123
Other ^a	52	582	38	390	35	439
Total	1 594	19 787	1 485	15 482	1 474	15 582
Tropical rock lobster	578	14 311	807	14 399	685	12 281
Spanish mackerel						
Spanish mackerel	198	1 240	152	914	169	1 268
Other species	0	0	2	5	2	5
Total	199	1 241	154	919	171	1 272
Reef Line ^b	107	1 327	190	2 186	71	810
Pearls	0	0	0	0	0	0
Total	2 477	36 666	2 636	32 986	2 401	29 946
Commonwealth trawl sector ^c						
Orange roughy	4 162	15 066	2 373	7 880	3 166	14 027
Blue grenadier	8 865	14 184	8 678	11 021	6 310	11 295
Tiger flathead	3 366	8 180	3 726	8 047	3 338	6 843
Redfish	778	1 159	638	918	510	716
Blue warehou	281	488	279	605	267	573
Silver warehou	4 179	4 347	3 392	4 324	2 787	3 646
School whiting	607	1 239	450	951	290	387
Jackass morwong	851	1 361	719	1 264	783	1 628
Ling	1 053	5 531	1 092	4 967	872	3 621
Gemfish	267	828	177	494	221	729
Silver trevally	147	312	159	274	86	137
Mirror dory	623	1 090	617	1 219	574	1 004
Royal red prawn	232	655	192	317	173	328
Ocean perch	327	835	325	720	327	876
John dory	157	950	178	1 030	142	890
Blue eye trevalley	59	372	56	408	47	322
Gummy shark	100	388	99	437	98	571
School shark	39	148	29	91	23	102
Saw shark	123	366	135	288	140	407
Elephant fish	32	50	52	49	48	87
Other	4 310	8 187	4 723	9 243	4 854	10 736
Total	30 558	65 734	28 089	54 547	25 055	58 926

Continued

production

14 fisheries production – Commonwealth *continued*

	2002-03		2003-04 p		2004-05 s	
	t	\$'000	t	\$'000	t	\$'000
Gillnet, hook and trap fishery d						
Blue eye trevalley	526	2 067	651	4 931	453	3 406
Blue warehou	5	8	2	4	1	3
Ling	544	2 854	554	2 592	892	3 228
Gummy shark	2 384	12 707	2 429	12 189	2 453	14 302
School shark	288	1 533	318	1 400	261	1 144
Saw shark	271	887	319	668	307	596
Elephant fish	90	141	46	24	57	103
Other shark	204	377	200	273	196	395
Other species	354	1 013	407	1 419	421	1 413
Total	4 665	21 587	4 926	23 500	5 041	24 591
South Tasman Rise	150	455	199	367	73	220
Great Australian Bight c						
Orange roughy	237	857	215	715	185	820
Rock flathead	1 657	4 608	2 482	6 429	2 281	7 708
Bight redfish	375	903	946	2 130	1 006	1 820
Leather jacket	213	415	351	530	535	711
Angel shark	184	302	246	579	319	475
Boarfish	80	175	158	369	159	358
Jackass morwong	79	126	129	226	125	260
Squid	166	170	172	227	88	104
Knifejaw	41	36	67	134	92	61
Gemfish	67	182	336	940	257	845
Blue grenadier	1	4	169	214	342	612
Queen snapper	25	104	65	368	74	350
Spotted trevalla	2	2	5	7	20	26
School shark	1	4	2	6	3	13
Gummy shark	37	142	80	393	94	547
Saw shark	65	213	65	139	64	187
Elephant fish	3	4	4	4	2	4
Other	150	330	365	895	619	1 752
Total	3 383	8 576	5 858	14 305	6 263	16 654

Continued

14 fisheries production – Commonwealth *continued*

	2002-03		2003-04 ^p		2004-05 ^s	
	t	\$'000	t	\$'000	t	\$'000
Eastern tuna and billfish – longline and minor line						
Yellowfin	3 394	29 661	2 422	20 393	1 960	16 795
Skipjack	18	47	2	3	1	2
Albacore	494	989	557	957	632	1 074
Bigeye	936	11 397	795	8 448	858	8 675
Billfish	2 837	23 746	2 267	14 622	2 068	13 678
Other	844	2 074	925	2 408	742	2 246
Total	8 523	67 913	6 967	46 832	6 261	42 471
Eastern skipjack tuna						
Yellowfin	0	0	21	177	0	0
Skipjack	0	0	779	1 316	0	0
Other	0	0	0	1	0	0
Total	0	0	800	1 494	0	0
Southern bluefin tuna	5 409	77 840	5 080	38 156	5 421	43 807
Western tuna and billfish						
Albacore	74	148	54	91	18	31
Skipjack	0	0	30	51	0	0
Yellowfin	266	2 375	162	951	48	424
Bigeye	281	3 417	159	1 699	64	651
Other tuna	41	103	10	24	17	101
Billfish	1 586	13 672	767	5 271	316	2 312
Other species	157	282	82	164	31	63
Total	2 404	19 998	1 262	8 252	495	3 584
Bass Strait scallop	421	694	1 113	1 475	339	387
Other fisheries ^e	12 895	32 841	14 606	46 065	15 275	37 366
Total production	76 646	414 844	77 813	341 955	71 750	322 950

^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 An amalgamation of South east nontrawl and Southern shark fisheries in 2002-03. ^e Includes north west slope, western deepwater, southern squid, jack mackerel, Macquarie Island, Coral Sea, Cocos and Christmas Islands, Commonwealth Victorian coastal waters sector, Heard and MacDonald Islands, east coast deepwater, and Norfolk Island fisheries. ^p Preliminary. ^s Estimates.
Sources: Australian Fisheries Management Authority; ABARE.

production

15 aquaculture production in 2002-03, by state ^a - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmon	0	0	0	0	0	106 101	na	106 101
Trout	1 440	10 404 b	0	0	156	0	na	12 000
Tuna	0	0	0	0	267 342	0	na	267 342
Silver perch	2 812	0	336	0	0	0	na	3 148
Barramundi	905	0	9 008	0	6 166	0	na	16 079
Other c	1 244	4 911	350	1 861	0	0	na	8 366
Total	6 401	15 315	9 694	1 861	273 664	106 101	na	413 036
Crustaceans								
Prawn	6 178	0	49 890	0	0	0	na	56 068
Yabbies	431	134	0	1 040	93	0	na	1 698
Marron	0	0	0	1 082	533	0	na	1 615
Redclaw	6	0	1 049	0	0	0	na	1 055
Total	6 621	134	50 939	2 122	626	0	na	60 442
Molluscs								
Edible oysters	34 700	0	693	0	15 116	11 561	na	62 070
Pearl oysters d	0	0	0	124 000	0	0	na	124 000
Mussels	334	4 042	0	1 607	466	1 082	na	7 531
Other e	0	1 208	0	0	3 080	0	na	4 288
Total	35 034	5 250	693	125 607	18 662	12 643	na	197 889
Other NEI f	530	0	1 586	713	8 769	4 000	21 900	37 498
Total value	48 586	20 699	62 912	130 303	301 721	122 744	21 900	708 865
Quantity	t	t	t	t	t	t	t	t
Fish								
Salmon	0	0	0	0	0	13 603	na	13 603
Trout	200	1 605 b	0	0	18	0	na	1 823
Tuna	0	0	0	0	7 763	0	na	7 763
Silver perch	302	0	43	0	0	0	na	345
Barramundi	85	0	1 194	0	471	0	na	1 750
Other c	63	128	49	246	0	0	na	486
Total	650	1 733	1 286	246	8 252	13 603	na	25 770
Crustaceans								
Prawn	409	0	2 956	0	0	0	na	3 365
Yabbies	32	7	0	75	7	0	na	121
Marron	0	0	0	46	22	0	na	68
Redclaw	300	0	75	0	0	0	na	375
Total	741	7	3 032	121	29	0	na	3 930
Molluscs								
Edible oysters	5 603	0	0	0	2 706	2 228	na	10 537
Pearl oysters	0	0	0	0	0	0	na	0
Mussels	67	1 444	0	653	254	309	na	2 727
Other e	0	27	0	0	59	0	na	86
Total	5 669	1 471	0	653	3 019	2 537	na	13 349
Other NEI f	0	0	57	0	1 077	0	na	1 134
Total quantity	7 061	3 211	4 375	1 020	12 377	16 140	na	44 183

a Excludes hatchery production, crocodiles, microalgae and aquarium worms. **b** Includes salmon 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 callop. 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 and Fisheries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

16 aquaculture production in 2003-04, by state ^a - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmon	5	0	0	0	0	115 656	na	115 662
Trout	1 552	12 316 b	0	0	330	0	na	14 198
Tuna	0	0	0	0	243 217	0	na	243 217
Silver perch	2 322	0	450	0	0	0	na	2 772
Barramundi	1 128	0	10 050	0	2 255	0	na	13 433
Other c	1 070	4 968	300	2 612	0	0	na	8 950
Total	6 077	17 284	10 800	2 612	245 802	115 656	na	398 232
Crustaceans								
Prawn	4 432	0	53 330	0	0	0	na	57 762
Yabbies	354	64	0	1 010	153	0	na	1 581
Marron	0	0	0	1 091	480	0	na	1 571
Redclaw	3	0	1 240	0	0	0	na	1 243
Total	4 788	64	54 570	2 101	633	0	na	62 156
Molluscs								
Edible oysters	37 921	0	730	0	21 152	17 387	na	77 191
Pearl oysters d	0	0	340	122 000	0	0	na	122 340
Mussels	261	2 837	0	2 063	697	1 251	na	7 109
Other e	0	3 561	0	0	3 155	0	na	6 716
Total	38 182	6 398	1 070	124 063	25 004	18 638	na	213 356
Other NEI f	600	0	1 300	753	7 534	1 625	27 800	39 612
Total value	49 647	23 746	67 740	129 529	278 973	135 920	27 800	713 355
Quantity	t	t	t	t	t	t	t	t
Fish								
Salmon	1	0	0	0	0	14 828	na	14 828
Trout	170	1 648 b	0	0	40	0	na	1 858
Tuna	0	0	0	0	9 558	0	na	9 558
Silver perch	239	0	56	0	0	0	na	295
Barramundi	101	0	1 200	0	216	0	na	1 517
Other c	39	148	38	359	0	0	na	584
Total	550	1 796	1 294	359	9 814	14 828	na	28 640
Crustaceans								
Prawn	363	0	3 360	0	0	0	na	3 723
Yabbies	28	5	0	71	10	0	na	114
Marron	0	0	0	50	18	0	na	68
Redclaw	0	0	91	0	0	0	na	91
Total	392	5	3 451	121	28	0	na	3 997
Molluscs								
Edible oysters	5 852	0	0	0	4 382	2 456	na	12 690
Pearl oysters	0	0	0	0	0	0	na	0
Mussels	44	1 013	0	763	400	357	na	2 577
Other e	0	102	0	0	105	0	na	207
Total	5 896	1 115	0	763	4 887	2 813	na	15 474
Other NEI f	0	0	47	0	894	43	na	984
Total quantity	6 838	2 916	4 792	1 243	15 623	17 684	na	49 096

a Excludes hatchery production, crocodiles, microalgae and aquarium worms. **b** Includes salmon 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 callop. 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 and Fisheries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

production

17 aquaculture production in 2004-05, by state ^a - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmon	0	0	0	0	0	112 357	na	112 357
Trout	1 784	10 533 b	0	0	545	0	na	12 862
Tuna	0	0	0	0	139 955	0	na	139 955
Silver perch	2 431	0	390	0	0	0	na	2 821
Barramundi	1 360	0	11 000	0	2 265	0	na	14 625
Other c	1 201	6 065	280	1 888	0	0	na	9 434
Total	6 775	16 598	11 670	1 888	142 765	112 357	na	292 053
Crustaceans								
Prawn	4 464	0	45 400	0	0	0	na	49 864
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	1 400	0	0	0	na	1 402
Total	4 827	78	46 800	2 605	893	0	na	55 203
Molluscs								
Edible oysters	35 788	0	700	0	19 995	16 804	na	73 287
Pearl oysters d	0	0	550	122 000	0	0	na	122 550
Mussels	215	2 816	0	1 515	657	2 369	na	7 571
Other e	0	4 454	0	0	5 318	0	na	9 772
Total	36 003	7 269	1 250	123 515	25 970	19 173	na	213 180
Other NEI f	0	0	2 000	467	17 015	3 384	27 800	50 666
Total value	47 605	23 946	61 720	128 475	186 643	134 914	27 800	611 103
Quantity	t	t	t	t	t	t	t	t
Fish								
Salmon	0	0	0	0	0	14 405	na	14 405
Trout	218	1 629 b	0	0	66	0	na	1 913
Tuna	0	0	0	0	7 458	0	na	7 458
Silver perch	269	0	45	0	0	0	na	314
Barramundi	121	0	1 425	0	217	0	na	1 763
Other c	52	226	35	316	0	0	na	629
Total	660	1 855	1 505	316	7 741	14 405	na	26 482
Crustaceans								
Prawn	294	0	2 940	0	0	0	na	3 234
Yabbies	23	4	0	73	20	0	na	120
Marron	0	0	0	55	22	0	na	77
Redclaw	0	0	100	0	0	0	na	100
Total	317	4	3 040	128	42	0	na	3 532
Molluscs								
Edible oysters	4 727	0	0	0	4 650	2 373	na	11 751
Pearl oysters	0	0	0	0	0	0	na	0
Mussels	36	1 224	0	531	377	677	na	2 845
Other e	0	124	0	0	177	0	na	301
Total	4 764	1 348	0	531	5 204	3 050	na	14 897
Other NEI f	0	0	70	0	2 019	89	na	2 178
Total quantity	5 742	3 207	4 615	975	15 006	17 544	na	47 089

a Excludes hatchery production, crocodiles, microalgae and aquarium worms. **b** Includes salmon 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 callop. 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 and Fisheries; South Australian Research and Development Institute; Tasmanian Department of Primary Industries, Water and Environment; Department of Fisheries, Western Australia.

18 exports of fisheries products – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live	na	46 991	na	39 316	na	34 946
Fresh, chilled or frozen						
Whole						
Tuna a	12 424	319 604	12 560	271 724	10 277	162 450
Other	11 672	57 073	7 874	39 361	10 129	47 105
Fillets	3 237	24 455	2 779	17 007	2 537	18 612
Canned	714	5 031	834	6 354	1 234	6 587
Dried, salted and smoked	222	18 608	187	19 471	164	20 047
Other fish products	1 783	13 439	1 736	16 748	1 591	14 627
Total fish b	30 052	485 201	25 970	409 980	25 931	304 375
Crustaceans and molluscs						
Rock lobster	11 535	463 106	13 453	426 833	12 636	439 575
Prawns	9 532	208 245	9 396	160 603	10 302	163 104
Abalone	4 193	216 115	4 910	237 680	4 004	263 150
Scallops	1 165	28 686	1 464	34 916	1 209	32 566
Oysters	163	1 742	119	1 182	174	1 746
Crabs	1 714	21 087	1 616	17 491	1 638	18 180
Other	1 807	60 672	1 592	30 648	1 427	13 324
Total	30 109	999 654	32 548	909 353	31 389	931 644
Total edible b	60 161	1 484 854	58 518	1 319 333	57 320	1 236 019
Nonedible						
Marine fats and oils	na	1 721	na	2 305	na	2 234
Fish meal	na	20 103	na	15 212	na	8 239
Pearls c	na	331 957	na	310 365	na	291 004
Ornamental fish	na	1 726	na	1 858	na	1 473
Other nonedible	na	4 079	na	2 816	na	2 747
Total nonedible	na	359 586	na	332 556	na	305 698
Total fisheries products	na	1 844 440	na	1 651 889	na	1 541 717

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

Note: All tonnages are net product weight exported, all values are "free on board".

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

exports

19 exports of fish – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Tuna a						
Whole						
Fresh or chilled	6 132	106 525	6 675	125 405	4 315	67 468
Frozen	6 292	213 079	5 885	146 319	5 962	94 982
Canned	183	1 298	238	1 612	646	2 723
Other	15	54	15	120	26	533
Total	12 622	320 956	12 813	273 456	10 949	165 706
Salmon						
Whole						
Fresh or chilled	705	6 923	206	1 678	1 109	7 653
Frozen	254	3 457	25	497	66	777
Smoked	68	1 248	25	504	18	461
Canned	44	434	196	1 480	318	1 912
Total	1 071	12 063	453	4 158	1 511	10 804
Other fish						
Live	na	46 991	na	39 316	na	34 946
Whole						
Fresh or chilled	2 552	24 974	2 026	20 638	1 768	17 761
Frozen						
Whiting	1 175	3 052	1 005	2 217	1 908	4 006
Other	6 985	18 665	4 611	14 333	5 277	16 908
Fillets						
Fresh or chilled	343	4 238	119	1 394	167	2 064
Frozen	2 894	20 217	2 661	15 612	2 370	16 548
Other (fresh, chilled or frozen)	1 701	11 985	1 656	14 977	1 467	12 689
Canned	488	3 300	400	3 262	270	1 952
Dried, salted and smoked	155	17 360	162	18 967	145	19 586
Other	67	1 400	65	1 651	98	1 405
Total b	16 359	152 182	12 704	132 366	13 472	127 865
Total fish b	30 052	485 201	25 970	409 980	25 931	304 375

a Exports of tuna landed in Australia. b Excludes live tonnage but includes live value. na Not available.
 Note: All tonnages are net product weight exported, all values are "free on board".
 Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

20 exports of crustaceans and molluscs – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Rock lobster						
Whole						
Live, fresh or chilled	5 873	228 064	7 202	227 898	6 899	239 128
Frozen	775	25 184	836	20 820	741	20 818
Cooked	2 821	90 548	2 852	69 782	2 545	69 666
Tails (fresh, chilled or frozen)	1 698	112 922	2 062	102 506	1 849	100 572
Other	368	6 388	501	5 829	603	9 391
Total	11 535	463 106	13 453	426 833	12 636	439 575
Prawns						
Headless	580	12 002	307	5 353	437	6 639
Whole	8 739	192 567	8 852	151 488	9 623	153 239
Other	213	3 676	237	3 762	242	3 225
Total	9 532	208 245	9 396	160 603	10 302	163 104
Crabs						
Fresh, frozen or cooked	1 711	21 064	1 611	17 451	1 632	18 110
Other	2	23	5	40	6	70
Total	1 714	21 087	1 616	17 491	1 638	18 180
Abalone						
Fresh, chilled or frozen	1 701	109 277	2 119	117 482	2 032	123 856
Canned	2 493	106 838	2 791	120 198	1 972	139 294
Total	4 193	216 115	4 910	237 680	4 004	263 150
Scallops						
Fresh, chilled or frozen	1 130	26 639	1 460	34 789	1 208	32 560
Other	35	2 048	4	126	0	6
Total	1 165	28 686	1 464	34 916	1 209	32 566
Other	1 970	62 415	1 711	31 830	1 601	15 069
Total crustaceans and molluscs	30 109	999 654	32 548	909 353	31 389	931 644

Note: All tonnages are net product weight exported, all values are "free on board".
Source: ABS, International Trade, Australia, cat. no. 5465.0, Canberra.

exports

21 exports of edible fish, by destination – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Tuna^a						
Fresh or chilled (whole)						
Chinese Taipei	0	0	0	0	3	28
Japan	5 544	99 183	6 396	121 807	4 079	64 951
Singapore	19	196	0	0	0	0
Thailand	50	156	0	2	2	34
United States	488	6 665	227	3 247	130	2 088
Other	30	325	53	349	101	366
Total	6 132	106 525	6 675	125 405	4 315	67 468
Frozen (whole)						
Japan	6 097	212 082	5 595	145 434	5 188	93 225
Samoa	109	289	135	321	430	1 214
Thailand	50	138	92	289	320	359
United States	34	553	23	174	10	143
Other	1	17	40	100	14	41
Total	6 292	213 079	5 885	146 319	5 962	94 982
Salmon						
Fresh or chilled (whole)						
Chinese Taipei	1	69	0	0	0	0
Hong Kong, China	7	160	4	69	11	216
Indonesia	18	153	22	230	47	414
Japan	639	5 888	172	1 280	938	6 248
Korea, Rep. of	0	0	0	0	0	0
Singapore	5	55	1	19	52	329
United States	28	505	0	3	27	139
Other	8	94	6	76	34	308
Total	705	6 923	206	1 678	1 109	7 653
Frozen (whole)						
Chinese Taipei	0	2	0	1	0	0
Hong Kong, China	12	230	5	128	9	216
Japan	177	2 242	4	69	24	160
Korea, Rep. of	0	8	0	0	0	0
Thailand	12	122	5	102	5	107
United States	21	361	0	2	0	0
Other	31	492	10	193	28	294
Total	254	3 457	25	497	66	777
Whiting						
Frozen (whole)						
Chinese Taipei	0	0	0	0	0	0
Egypt	0	0	0	0	0	0
Hong Kong, China	0	4	0	0	13	28
Japan	16	78	139	307	0	0
Thailand	908	2 348	469	1 032	1 245	2 534
United States	0	0	0	1	0	0
Viet Nam	0	0	0	0	0	0
Other	251	623	397	877	650	1 444
Total	1 175	3 052	1 005	2 217	1 908	4 006

Continued

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

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Canned						
Tuna						
New Zealand	170	1 206	218	1 403	617	2 504
Singapore	0	0	0	0	0	0
Other	13	92	20	209	28	219
Total	183	1 298	238	1 612	646	2 723
Salmon						
New Zealand	39	349	192	1 432	311	1 838
Singapore	0	7	0	0	0	0
Other	4	78	5	48	7	74
Total	44	434	196	1 480	318	1 912
Other fish						
New Zealand	160	1 025	178	1 039	75	747
Singapore	110	746	134	903	86	447
Other	218	1 529	89	1 321	109	759
Total	488	3 300	400	3 262	270	1 952

^a Exports of tuna landed in Australia.

Note: All tonnages are net product weight exported, all values are "free on board".

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

exports

22 exports of crustaceans, by destination – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Rock lobster						
Whole						
Live, fresh or chilled						
China	199	8 317	129	4 711	705	26 132
Chinese Taipei	686	21 722	920	24 943	867	28 064
France	80	3 339	82	2 189	109	3 711
Hong Kong, China	3 481	140 258	4 658	154 347	3 976	138 545
Japan	1 332	50 233	1 276	36 889	1 071	35 956
Singapore	31	1 361	34	1 275	43	1 731
United States	9	402	16	531	29	1 060
Other	55	2 432	88	3 012	98	3 930
Total	5 873	228 064	7 202	227 898	6 899	239 128
Frozen						
China	59	1 437	132	2 970	59	1 586
Chinese Taipei	109	4 036	87	1 974	45	1 283
Hong Kong, China	3	55	19	472	92	2 510
Japan	569	18 402	532	13 776	499	13 802
Singapore	1	25	22	484	0	2
United States	28	1 057	21	525	20	949
Other	6	172	23	619	26	686
Total	775	25 184	836	20 820	741	20 818
Cooked						
China	626	16 723	1 366	31 749	1 107	29 672
Chinese Taipei	761	25 972	362	8 631	281	7 571
Hong Kong, China	120	4 022	73	1 924	255	6 847
Japan	1 039	34 100	669	17 727	526	15 389
Singapore	250	9 061	251	5 861	171	4 560
Other	25	671	131	3 890	205	5 626
Total	2 821	90 548	2 852	69 782	2 545	69 666
Tails						
Fresh, chilled or frozen						
Chinese Taipei	32	1 244	0	0	9	233
Hong Kong, China	16	809	10	475	18	594
Japan	57	3 101	141	5 894	38	2 031
Singapore	2	135	2	131	4	251
United States	1 476	102 178	1 757	90 023	1 748	96 050
Other	116	5 454	151	5 983	32	1 414
Total	1 698	112 922	2 062	102 506	1 849	100 572
Other						
Chinese Taipei	11	402	0	0	18	494
Hong Kong, China	8	279	18	285	8	67
Japan	296	4 164	414	3 173	395	3 611
United States	18	762	47	1 645	48	1 497
Other	36	781	22	726	135	3 723
Total	368	6 388	501	5 829	603	9 391
Total rock lobster	11 535	463 106	13 453	426 833	12 636	439 575

Continued

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

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Prawns						
Headless						
China	0	0	0	0	44	513
Chinese Taipei	0	0	1	24	0	0
Hong Kong, China	14	318	3	34	14	387
Japan	428	9 613	179	3 917	150	3 599
Spain	0	0	0	0	0	0
United States	10	298	1	33	3	69
Other	127	1 773	123	1 345	225	2 071
Total	580	12 002	307	5 353	437	6 639
Whole						
China	780	14 914	1 151	15 777	1 540	19 601
Chinese Taipei	219	5 153	184	3 997	74	1 483
Hong Kong, China	1 388	26 874	925	15 985	659	9 593
Japan	3 815	105 331	3 063	62 751	3 466	68 784
Malaysia	214	3 890	274	3 723	75	567
New Zealand	237	3 365	175	2 313	189	2 305
Spain	1 223	17 214	1 697	23 069	1 972	26 524
Thailand	90	1 102	124	1 442	198	2 290
Other	773	14 724	1 259	22 431	1 451	22 092
Total	8 739	192 567	8 852	151 488	9 623	153 239
Other						
China	0	0	0	0	26	152
Chinese Taipei	8	169	20	372	21	453
Japan	15	345	9	181	12	241
Singapore	30	556	25	523	13	169
United States	0	0	1	27	1	16
Other	161	2 606	182	2 660	169	2 195
Total	213	3 676	237	3 762	242	3 225
Total prawns	9 532	208 245	9 396	160 603	10 302	163 104
Crabs						
Fresh, frozen or cooked						
China	157	4 165	119	2 009	159	3 444
Chinese Taipei	752	6 954	582	5 045	728	6 256
Hong Kong, China	182	2 186	212	2 852	122	1 618
Japan	418	3 948	552	5 126	478	4 752
Singapore	36	799	19	461	24	504
United States	103	2 005	52	1 054	39	692
Other	64	1 007	75	902	81	846
Total	1 711	21 064	1 611	17 451	1 632	18 110
Other crabs	2	23	5	40	6	70
Total crabs	1 714	21 087	1 616	17 491	1 638	18 180
Other crustaceans						
China	169	2 256	1	26	67	732
Hong Kong, China	706	30 031	249	8 533	31	1 043
Japan	92	2 171	122	1 800	26	534
Switzerland	9	178	9	160	6	148
Other	157	4 798	95	2 556	44	1 213
Total	1 134	39 433	475	13 076	174	3 670
Total crustaceans	23 914	731 871	24 939	618 003	24 750	624 529

*Note: All tonnages are net product weight exported, all values are "free on board".
Source: ABS, International Trade, Australia, cat. no. 5465.0, Canberra.*

exports

23 exports of molluscs, by destination – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Abalone						
Fresh, chilled or frozen						
China	30	3 141	20	1 532	296	16 033
Chinese Taipei	159	8 536	137	6 088	85	4 096
Hong Kong, China	1 129	71 567	1 551	87 086	1 229	76 529
Japan	351	22 574	377	19 985	394	24 250
Singapore	7	441	14	781	8	599
United States	7	708	8	746	5	502
Other	17	2 310	12	1 264	15	1 848
Total	1 701	109 277	2 119	117 482	2 032	123 856
Canned						
Chinese Taipei	207	8 403	428	16 366	227	12 806
Hong Kong, China	901	29 309	1 222	53 210	949	70 010
Japan	584	29 629	596	25 309	402	27 462
Singapore	326	20 088	344	16 744	311	22 475
United States	118	3 231	91	3 391	31	2 381
Other	356	16 177	110	5 178	52	4 160
Total	2 493	106 838	2 791	120 198	1 972	139 294
Total abalone	4 193	216 115	4 910	237 680	4 004	263 150
Scallops						
Fresh, chilled or frozen						
China	0	5	0	0	0	0
France	0	0	0	0	156	2 704
Hong Kong, China	769	18 732	1 096	26 109	727	21 971
Malaysia	72	1 611	54	1 287	33	949
Singapore	246	5 392	249	5 715	181	5 232
Other	44	899	60	1 678	112	1 704
Total	1 130	26 639	1 460	34 789	1 208	32 560
Other scallops	35	2 048	4	126	0	6
Total scallops	1 165	28 686	1 464	34 916	1 209	32 566
Other molluscs						
Chinese Taipei	54	2 243	38	1 500	79	625
Hong Kong, China	349	10 083	499	8 997	330	6 801
Japan	152	7 178	110	4 837	71	891
Singapore	95	2 416	41	1 452	19	368
Malaysia	3	13	0	2	5	21
Other	183	1 049	547	1 966	923	2 694
Total	836	22 981	1 235	18 754	1 426	11 399
Total molluscs	6 194	267 783	7 608	291 350	6 639	307 114

Note: All tonnages are net product weight exported, all values are "free on board".
Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

24 exports of fisheries products, by destination – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Edible (excluding live)						
China	5 111	72 266	4 735	68 543	6 361	107 462
Chinese Taipei	3 255	90 043	3 019	73 658	2 621	68 051
France	373	8 370	638	13 130	1 073	16 476
Germany	346	1 300	933	4 018	712	2 264
Greece	537	10 215	861	16 013	578	9 478
Hong Kong, China	9 769	355 503	11 265	381 414	9 220	358 647
Indonesia	502	2 220	626	2 712	512	2 529
Italy	209	3 113	162	1 949	187	2 413
Japan	23 826	627 772	22 482	489 157	19 274	379 741
Korea, Rep. of	100	1 618	13	354	85	488
Malaysia	523	10 242	500	8 167	245	5 748
New Zealand	1 208	8 694	1 132	8 535	1 540	9 919
Singapore	1 478	46 393	1 409	38 046	1 285	39 963
South Africa	30	610	92	546	9	121
Spain	1 271	17 825	1 793	23 795	2 028	26 710
Thailand	1 927	7 882	1 135	4 585	2 606	8 700
United States	4 889	152 076	4 268	125 706	3 841	127 263
Viet Nam	71	596	242	2 672	784	10 054
Other	4 737	21 126	3 213	17 016	4 360	25 045
Total	60 161	1 437 863	58 518	1 280 017	57 320	1 201 073
Nonedible						
China	na	2 216	na	1 084	na	374
Chinese Taipei	na	2 639	na	2 140	na	1 986
France	na	9 276	na	3 465	na	1 017
Germany	na	5 117	na	6 413	na	5 989
Hong Kong, China	na	77 656	na	170 763	na	136 518
Italy	na	1 195	na	1 893	na	340
Japan	na	28 154	na	37 153	na	59 538
Korea, Rep. of	na	2 655	na	3 041	na	2 030
New Zealand	na	19 338	na	14 557	na	8 427
Philippines	na	7	na	456	na	0
Singapore	na	3 195	na	2 941	na	5 460
Switzerland	na	2 724	na	2 092	na	8 307
Spain	na	1 749	na	1 603	na	1 855
Thailand	na	59	na	1 306	na	618
United Kingdom	na	7 435	na	11 774	na	8 131
United States	na	46 543	na	28 890	na	28 014
Other	na	149 627	na	42 984	na	37 094
Total	na	359 586	na	332 556	na	305 698
Total exports	na	1 797 449	na	1 612 573	na	1 506 771

na Not available.

Note: All tonnages are net product weight exported, all values are "free on board".

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

exports

25 exports of seafood to selected countries, by product ^a - Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Hong Kong, China						
Dried, salted or smoked fish	106	14 792	124	17 187	119	17 926
Other fish	553	3 956	603	3 786	671	3 897
Rock lobster	3 627	145 422	4 778	157 502	4 348	148 562
Prawns	1 413	27 389	929	16 058	695	10 285
Crabs	182	2 186	212	2 852	122	1 618
Abalone	2 029	100 876	2 773	140 296	2 178	146 539
Scallops	803	20 768	1 099	26 202	727	21 976
Other	1 055	40 114	747	17 531	360	7 844
Total	9 769	355 503	11 265	381 414	9 220	358 647
Japan						
Tuna (whole)	11 641	311 265	11 990	267 242	9 267	158 176
Fillets	266	1 689	219	1 222	194	1 318
Dried, salted or smoked fish	26	432	14	305	1	46
Other fish	2 727	23 407	2 200	18 011	2 282	18 900
Rock lobster	3 293	110 001	3 032	77 459	2 530	70 789
Prawns	4 258	115 288	3 252	66 849	3 629	72 624
Crabs	418	3 948	552	5 126	478	4 752
Abalone	936	52 203	974	45 295	797	51 712
Scallops	17	190	17	1 011	0	0
Other	244	9 349	232	6 637	97	1 425
Total	23 826	627 772	22 482	489 157	19 274	379 741
Singapore						
Tuna (whole)	19	197	0	0	0	3
Fillets	85	574	27	190	69	604
Dried, salted or smoked fish	10	1 991	11	1 323	6	885
Canned fish	110	753	134	903	86	447
Other fish	180	1 585	197	1 540	316	1 681
Rock lobster	284	10 584	309	7 751	218	6 544
Prawns	64	1 137	56	932	40	491
Crabs	36	799	19	461	24	504
Abalone	333	20 530	357	17 525	319	23 074
Scallops	246	5 394	249	5 715	181	5 232
Other	110	2 851	49	1 707	23	499
Total	1 478	46 393	1 409	38 046	1 285	39 963

Continued

25 exports of seafood to selected countries, by product ^a - Australia *continued*

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Chinese Taipei						
Fish	233	4 596	260	4 665	185	4 682
Rock lobster	1 599	53 377	1 369	35 547	1 221	37 645
Prawns	226	5 322	204	4 392	95	1 936
Crabs	752	6 954	582	5 045	728	6 256
Abalone	367	16 939	565	22 454	312	16 903
Scallops	3	86	0	0	0	0
Other	75	2 769	39	1 554	79	629
Total	3 255	90 043	3 019	73 658	2 621	68 051
United States						
Fillets	1 194	15 411	768	8 541	775	11 306
Canned fish	62	361	17	249	11	202
Other fish	1 782	22 153	1 386	15 455	1 036	10 946
Rock lobster	1 547	104 807	1 864	93 909	1 853	99 757
Prawns	24	625	57	1 249	32	765
Crabs	103	2 005	52	1 054	39	692
Abalone	125	3 939	99	4 137	36	2 882
Scallops	2	63	1	74	1	38
Other	51	2 712	23	1 038	57	676
Total	4 889	152 076	4 268	125 706	3 841	127 263
China						
Fish	2 737	6 372	1 537	5 428	1 908	6 532
Rock lobster	937	28 276	1 695	40 820	1 940	59 276
Prawns	780	14 914	1 151	15 777	1 610	20 266
Crabs	157	4 165	119	2 009	159	3 444
Other	500	18 539	232	4 510	745	17 944
Total	5 111	72 266	4 735	68 543	6 361	107 462
APEC						
Tuna	12 474	320 510	12 609	272 807	10 395	164 126
Salmon	1 051	11 645	434	3 876	1 457	10 302
Other fish	13 240	137 797	10 296	118 965	10 728	113 626
Rock lobster	11 327	454 247	13 101	414 821	12 169	424 953
Prawns	7 505	175 524	6 369	113 819	6 691	112 789
Abalone	4 181	215 426	4 898	237 210	3 993	262 257
Scallops	1 163	28 598	1 445	34 668	1 018	29 047
Oysters	163	1 735	116	1 149	173	1 725
Crabs	1 668	20 516	1 591	17 102	1 613	17 793
Other crustaceans and molluscs	1 668	59 373	1 376	28 855	1 105	11 852
Total	54 438	1 425 370	52 235	1 243 272	49 342	1 148 469

^a Excludes live.

Note: All tonnages are net product weight exported, all values are "free on board".

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

exports

26 seafood exports in 2002-03, by state ^a - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. ^b
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Live	1 684	1 555	43 446	0	4	302	0	46 991
Fresh, chilled or frozen								
Whole	17 491	2 853	49 967	26 150	267 067	12 207	777	376 677
Fillets	211	1 187	1 119	1 442	4 238	15 909	41	24 455
Other	1 532	4 060	23 070	3 417	346	2 090	266	37 078
Total fish	20 918	9 656	117 602	31 009	271 655	30 509	1 083	485 201
Crustaceans and molluscs								
Rock lobster	3 005	8 395	21 591	324 717	77 058	27 880	0	463 106
Prawns	11 796	468	108 480	35 827	34 509	29	32	208 245
Abalone	15 750	55 870	266	6 741	48 376	89 113	0	216 115
Scallops	38	2 037	11 882	14 484	190	3	0	28 686
Oysters	116	8	6	9	593	999	0	1 742
Crabs	26	307	13 813	4 169	1 530	955	259	21 087
Other	524	18 451	7 847	4 408	14 763	13 966	1	60 672
Total	31 254	85 535	163 885	390 355	177 019	132 945	293	999 654
Total value	52 172	95 190	281 487	421 365	448 674	163 454	1 376	1 484 854
Quantity	t	t	t	t	t	t	t	t
Fish								
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	1 805	411	5 545	6 552	7 865	1 745	136	24 096
Fillets	20	117	112	181	241	2 507	13	3 237
Other	189	474	1 074	278	20	403	3	2 719
Total fish	2 014	1 003	6 731	7 011	8 126	4 655	152	30 052
Crustaceans and molluscs								
Rock lobster	48	168	408	8 470	1 805	627	0	11 535
Prawns	568	46	5 145	1 494	1 422	0	1	9 532
Abalone	298	1 543	13	72	784	1 484	0	4 193
Scallops	1	35	416	694	17	0	0	1 165
Oysters	10	1	1	1	73	77	0	163
Crabs	3	16	1 402	214	38	22	15	1 714
Other	69	447	203	290	423	319	0	1 807
Total	997	2 256	7 588	11 235	4 562	2 528	17	30 109
Total quantity	3 011	3 259	14 319	18 247	12 688	7 183	169	60 161

^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.

Note: All tonnages are net product weight exported, all values are "free on board".

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

27 seafood exports in 2003-04, by state ^a - Australia

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. ^b
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Live	1 397	685	37 120	0	13	100	0	39 316
Fresh, chilled or frozen								
Whole	10 169	1 531	32 398	13 682	244 286	7 527	613	311 085
Fillet	202	818	971	2 932	2 255	8 446	1	17 007
Other	2 910	7 862	23 758	3 442	844	660	423	42 573
Total fish	14 678	10 896	94 248	20 057	247 398	16 733	1 037	409 980
Crustaceans and molluscs								
Rock lobster	1 942	16 698	25 642	293 158	67 273	21 974	0	426 833
Prawns	17 122	609	80 771	20 592	28 808	1	0	160 603
Abalone	11 180	65 616	998	11 252	53 374	95 217	42	237 680
Scallops	4	1 045	14 432	19 171	44	2	0	34 916
Oysters	40	18	67	3	360	658	0	1 182
Crabs	181	1 338	11 831	3 679	46	364	0	17 491
Other	343	19 048	3 780	2 263	2 553	1 697	37	30 648
Total	30 812	104 373	137 520	350 119	152 458	119 913	79	909 353
Total value	45 490	115 269	231 768	370 176	399 857	136 647	1 116	1 319 333
Quantity	t	t	t	t	t	t	t	t
Fish								
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	1 282	286	4 350	2 497	9 825	1 975	67	20 434
Fillet	8	90	250	263	168	1 479	0	2 779
Other	293	993	357	544	48	174	6	2 757
Total fish	1 583	1 368	4 957	3 304	10 041	3 628	73	25 970
Crustaceans and molluscs								
Rock lobster	57	461	623	9 826	1 893	589	0	13 453
Prawns	1 082	53	4 552	1 238	1 576	0	0	9 396
Abalone	262	1 625	30	123	1 032	1 838	0	4 910
Scallops	0	25	550	868	2	0	0	1 464
Oysters	4	1	4	0	43	63	0	119
Crabs	35	37	1 264	266	1	9	0	1 616
Other	35	861	154	108	295	42	1	1 592
Total	1 475	3 063	7 177	12 428	4 842	2 542	1	32 548
Total quantity	3 058	4 431	12 134	15 732	14 883	6 170	74	58 518

^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.

Note: All tonnages are net product weight exported, all values are "free on board".

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

exports

28 seafood exports in 2004-05, by state ^a - Australia

	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
Fillets	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
Fillets	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.

Note: All tonnages are net product weight exported, all values are "free on board".

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

29 imports of fisheries products – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live fish	na	6	na	19	na	5
Fresh, chilled or frozen						
Fresh or chilled whole	4 834	28 610	5 925	34 269	5 336	33 934
Frozen whole	11 492	23 993	11 281	20 992	9 245	19 768
Fresh or chilled fillets	376	2 430	307	1 898	346	2 543
Frozen fillets	36 305	203 624	39 323	193 650	38 133	187 017
Other	7 082	24 514	7 639	22 861	6 788	19 041
Canned fish	47 398	218 762	58 804	186 148	53 443	188 745
Smoked, dried or salted fish	2 801	26 263	2 811	30 459	2 957	34 053
Other fish preparations	13 453	62 352	12 474	54 510	14 508	62 181
Total a	123 742	590 553	138 564	544 806	130 756	547 285
Crustaceans and molluscs						
Fresh, chilled or frozen b						
Prawns	13 114	174 850	18 865	183 575	22 608	201 303
Lobster	484	11 060	444	7 088	469	8 132
Scallops	2 024	24 241	2 104	22 027	2 297	27 458
Oysters	792	6 926	749	6 797	910	6 975
Mussels	1 972	9 170	2 188	8 095	2 117	9 139
Other	13 273	59 637	14 745	60 555	14 815	71 705
Canned	4 446	29 662	4 798	28 071	5 188	31 144
Extracts and pastes	0	0	0	0	0	0
Other	4 826	44 092	5 557	43 904	7 173	56 195
Total	40 931	359 638	49 449	360 112	55 576	412 051
Total edible a	164 673	950 192	188 014	904 918	186 332	959 336
Nonedible						
Pearls	na	162 902	na	145 107	na	145 851
Fish meal	na	27 078	na	19 332	na	20 923
Ornamental fish	na	3 870	na	4 087	na	4 749
Marine fats and oils	na	13 719	na	9 446	na	15 268
Other marine products	na	44 063	na	23 488	na	25 833
Total nonedible	na	251 631	na	201 459	na	212 625
Total fisheries products	na	1 201 823	na	1 106 377	na	1 171 961

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

Note: All tonnages are net product imported, all values are "value for duty".

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

imports

30 imports of fish – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Salmon						
Smoked	623	10 810	988	16 108	1 158	19 522
Whole						
Frozen	310	819	144	1 092	135	918
Fresh or chilled	359	2 518	557	4 443	476	3 834
Canned	9 101	53 740	9 376	46 587	9 249	44 239
Total	10 392	67 888	11 066	68 230	11 018	68 513
Hake						
Frozen						
Fillets	7 862	39 762	7 541	36 194	7 938	37 152
Whole	4	26	2	9	5	29
Mince	1 323	4 353	734	1 352	1 360	2 769
Total	9 190	44 141	8 277	37 555	9 303	39 950
Tuna						
Whole						
Fresh or chilled	146	665	1 350	3 621	315	1 103
Frozen	4 068	4 366	3 088	3 067	18	122
Canned	29 700	118 506	42 970	103 062	37 155	106 443
Total	33 914	123 537	47 408	109 750	37 488	107 669
Other fish						
Live	na	6	na	19	na	5
Fresh or chilled whole	4 330	25 427	4 018	26 204	4 545	28 997
Frozen whole	7 110	18 781	8 048	16 824	9 086	18 698
Fresh or chilled fillets	376	2 430	307	1 898	346	2 543
Frozen fillets	28 443	163 861	31 782	157 456	30 195	149 864
Other fresh, chilled or frozen products	5 760	20 161	6 905	21 509	5 428	16 272
Other canned fish						
Herrings	855	4 529	761	3 668	772	3 554
Sardines	5 170	25 942	3 495	19 243	4 183	20 339
Anchovy	755	9 044	859	9 233	927	10 210
Mackerel	1 061	3 450	1 037	2 911	953	3 004
Other	756	3 550	306	1 445	204	956
Total	8 597	46 515	6 458	36 500	7 039	38 062
Smoked						
Herrings	65	410	66	386	47	296
Liver and roes	4	96	36	165	11	228
Other	1 192	5 696	800	4 673	968	5 764
Total	1 261	6 202	902	5 224	1 025	6 288
Dried	563	7 406	629	7 664	567	6 835
Salted	354	1 845	292	1 462	208	1 408
Other fish preparations						
Fish meal	10	99	12	65	13	64
Fishballs, fishcake, sausages	1 881	7 730	1 884	7 163	2 236	8 284
Caviar and pastes	83	1 603	94	1 576	105	1 934
Other	11 479	52 920	10 484	45 706	12 155	51 899
Total	13 453	62 352	12 474	54 510	14 508	62 181
Total other fish a	70 246	354 987	71 814	329 271	72 947	331 154
Total fish a	123 742	590 553	138 564	544 806	130 756	547 285

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

Note: All tonnages are net product imported, all values are "value for duty".

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

31 imports of crustaceans and molluscs – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Canned and preserved						
Crabs	385	3 054	321	2 233	343	2 267
Prawns	5 032	45 386	5 584	44 020	7 247	56 491
Smoked molluscs	655	7 457	954	7 052	844	6 184
Other molluscs	3 137	17 505	3 464	18 502	3 883	22 195
Extracts and pastes	0	0	0	0	0	0
Other preserved	62	353	32	167	43	201
Total	9 271	73 754	10 355	71 975	12 360	87 339
Other						
Prawns						
Fresh, chilled or frozen	13 086	174 484	18 860	183 537	22 590	201 187
Other	29	365	5	38	18	116
Lobster	484	11 060	444	7 088	469	8 132
Scallops	2 024	24 241	2 104	22 027	2 297	27 458
Oysters	792	6 926	749	6 797	910	6 975
Mussels	1 972	9 170	2 188	8 095	2 117	9 139
Crabs	177	1 582	223	1 632	343	3 216
Calamari, squid and octopus	11 845	46 076	13 248	48 456	13 516	58 510
Other	1 251	11 979	1 275	10 468	956	9 979
Total	31 659	285 885	39 095	288 137	43 216	324 712
Total crustaceans and molluscs	40 931	359 638	49 449	360 112	55 576	412 051

*Note: All tonnages are net product imported, all values are "value for duty".
Source: ABS, International Trade, Australia, cat. no. 5465.0, Canberra.*

imports

32 imports of edible fish, by source – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
<i>Fish (excluding canned)</i>						
Tuna						
Indonesia	2	4	2	23	8	70
Japan	1 850	1 938	62	140	0	1
New Zealand	2 211	2 416	3 889	3 694	99	132
Papua New Guinea	120	570	86	346	79	298
Singapore	0	0	0	0	0	0
Thailand	3	18	50	83	0	0
Other	27	85	349	2 403	147	723
Total	4 214	5 031	4 438	6 689	333	1 225
Salmon						
Canada	48	113	0	1	24	51
Denmark	557	9 707	829	13 779	860	15 612
New Zealand	392	3 168	548	4 857	447	3 971
Other	295	1 159	313	3 008	437	4 639
Total	1 291	14 148	1 689	21 644	1 769	24 274
Hake						
Argentina	173	720	413	1 205	2 084	6 325
Chile	1 989	6 475	1 184	2 600	552	1 146
Chinese Taipei	0	0	20	75	18	61
Namibia	1 548	7 797	1 201	6 132	1 818	8 332
New Zealand	1 325	7 061	1 131	6 170	1 035	5 833
South Africa	3 976	21 355	3 916	19 912	3 004	15 115
Thailand	47	189	19	68	2	7
Uganda	0	0	0	0	0	0
Other	132	545	394	1 394	789	3 130
Total	9 190	44 141	8 277	37 555	9 303	39 950
Other						
Chile	3 265	10 561	3 798	10 600	2 528	7 619
New Zealand	25 038	129 213	22 349	113 119	20 079	103 352
South Africa	2 961	16 407	2 461	13 700	3 441	16 134
Thailand	6 830	28 673	7 698	27 459	8 432	28 556
Viet Nam	4 488	23 768	6 487	28 888	9 381	40 639
Other	21 572	110 796	24 562	106 537	22 792	99 541
Total	64 154	319 417	67 354	300 303	66 653	295 841

Continued

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

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Canned fish						
Canada	3 534	23 358	3 833	19 911	3 784	19 135
Chile	465	1 158	447	1 447	440	1 630
China	114	445	110	326	257	743
Denmark	135	944	162	729	107	721
Germany	422	2 494	380	2 135	364	2 150
Greece	152	1 184	102	744	123	971
Indonesia	170	938	111	368	128	379
Italy	483	5 280	689	6 423	559	5 439
Japan	247	954	475	1 712	131	540
Korea, Rep. of	899	4 444	691	2 734	390	1 557
Malaysia	140	547	139	430	126	444
Norway	664	7 313	461	6 487	255	3 568
Philippines	214	510	158	406	427	1 150
Portugal	148	678	172	883	426	1 255
Spain	87	1 509	101	1 518	69	1 482
Thailand	30 142	118 569	44 266	108 463	38 872	111 617
United Kingdom	514	5 156	342	3 262	502	4 656
United States	5 385	27 755	5 055	22 146	5 037	21 322
Other	3 485	15 527	1 109	6 026	1 447	9 987
Total	47 398	218 762	58 804	186 148	53 443	188 745

*Note: All tonnages are net product imported, all values are "value for duty".
Source: ABS, International Trade, Australia, cat. no. 5465.0, Canberra.*

imports

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

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Fresh or chilled fish						
Whole						
Indonesia	179	226	0	1	35	149
New Zealand	4 434	27 349	5 347	30 322	4 945	31 742
Papua New Guinea	120	570	86	347	79	298
Solomon Islands	0	0	306	2 199	3	28
Viet Nam	35	168	17	71	3	15
Other	66	297	169	1 329	270	1 701
Total	4 834	28 610	5 925	34 269	5 336	33 934
Fillets						
Indonesia	24	181	18	192	119	1 060
New Zealand	267	1 897	198	1 308	151	1 096
South Africa	0	0	17	90	27	145
Other	85	352	73	308	49	242
Total	376	2 430	307	1 898	346	2 543
Frozen fish						
Whole						
Tuna						
Indonesia	2	4	2	23	8	70
Japan	1 850	1 938	62	140	0	1
New Zealand	2 208	2 397	2 956	2 746	0	0
Singapore	0	0	0	0	0	0
Thailand	3	18	50	83	0	0
Other	5	10	17	75	10	51
Total	4 068	4 366	3 088	3 067	18	122
Salmon						
Denmark	0	0	2	8	0	0
New Zealand	4	27	28	180	26	145
Norway	10	70	72	502	20	116
Other	295	722	44	402	89	657
Total	310	819	144	1 092	135	918
Other						
China	518	2 443	464	2 144	429	2 069
Indonesia	1 696	1 649	888	889	423	639
Japan	20	167	18	71	15	64
Netherlands	61	140	0	0	0	0
New Zealand	2 627	7 615	2 133	5 885	2 028	6 036
Singapore	19	74	42	89	0	2
South Africa	115	168	250	118	822	255
Thailand	369	1 088	477	1 047	553	1 204
United Kingdom	28	64	30	61	17	48
United States	261	235	1 333	440	2 538	2 143
Other	1 400	5 164	2 414	6 090	2 266	6 268
Total	7 114	18 808	8 049	16 833	9 091	18 727

Continued

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

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Frozen fish (continued)						
Fillets						
Hake						
Argentina	172	718	363	1 089	1 337	4 634
Chile	735	2 395	703	1 812	230	561
Kenya	52	246	0	0	0	0
Namibia	1 548	7 797	1 201	6 132	1 818	8 332
New Zealand	1 292	6 949	993	5 906	742	5 328
South Africa	3 970	21 305	3 916	19 912	3 004	15 115
Thailand	26	117	19	68	2	7
Uganda	0	0	0	0	0	0
Other	68	236	348	1 276	805	3 176
Total	7 862	39 762	7 541	36 194	7 938	37 152
Other						
Argentina	1 804	6 160	1 818	5 873	1 607	4 557
Chile	1 249	4 159	1 177	3 113	962	2 769
China	1 380	5 283	1 388	5 357	1 590	5 128
Chinese Taipei	1 065	5 598	1 259	7 664	1 852	10 820
India	81	344	25	57	41	220
Indonesia	926	6 337	788	4 711	684	4 316
Kenya	2 050	13 339	2 724	12 125	2 077	8 977
Myanmar	719	5 390	1 044	6 705	1 130	7 337
Namibia	232	1 335	105	512	188	836
Netherlands	11	153	36	305	32	262
New Zealand	10 766	65 124	9 628	53 803	7 551	44 594
Singapore	114	937	240	1 073	155	909
South Africa	1 286	7 768	1 211	7 459	958	5 723
Tanzania	442	2 822	375	1 511	335	1 425
Thailand	755	5 438	1 066	6 319	1 136	7 177
Uganda	1 674	10 931	1 691	7 337	803	3 488
United Kingdom	146	829	92	363	117	548
Viet Nam	2 814	16 399	5 679	26 127	8 154	35 869
Other	930	5 514	1 436	7 045	825	4 907
Total	28 443	163 861	31 782	157 456	30 195	149 864

Note: All tonnages are net product imported, all values are "value for duty".
Source: ABS, International Trade, Australia, cat. no. 5465.0, Canberra.

imports

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

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Dried or salted						
China	63	707	70	639	49	600
Greece	28	178	36	241	35	227
Italy	25	179	19	146	3	22
Iceland	50	531	49	370	56	438
New Zealand	4	463	2	143	1	39
Norway	137	1 818	138	1 769	172	1 985
Spain	35	190	13	67	0	2
Thailand	58	403	62	499	29	194
Viet Nam	80	572	102	651	87	483
Other	437	4 210	431	4 601	344	4 253
Total	917	9 251	921	9 126	775	8 243
Smoked						
Argentina	98	368	28	79	15	47
Canada	0	0	0	1	0	5
Denmark	559	9 750	881	14 698	926	16 725
Germany	19	245	1	2	0	1
Greece	8	18	11	71	8	53
Latvia	20	66	11	33	0	0
Netherlands	6	98	0	0	0	1
New Zealand	50	790	85	1 286	55	939
Philippines	31	177	33	168	31	140
South Africa	999	4 646	618	2 978	821	4 132
United Kingdom	74	557	55	336	52	364
Other	21	296	167	1 681	275	3 402
Total	1 884	17 012	1 890	21 333	2 183	25 810
Total dried, salted or smoked fish	2 801	26 263	2 811	30 459	2 957	34 053

Note: All tonnages are net product imported, all values are "value for duty".
Source: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

35 imports of canned fish products, by source – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Canned fish						
Salmon						
Canada	2 312	16 602	2 691	14 400	2 662	14 316
Chile	71	562	151	1 072	186	1 314
Korea, Rep. of	740	3 797	553	2 209	270	1 077
United States	5 343	27 626	5 030	22 021	4 994	21 153
Other	635	5 154	952	6 886	1 137	6 379
Total	9 101	53 740	9 376	46 587	9 249	44 239
Tuna						
Hong Kong	74	246	0	0	0	0
Italy	86	757	122	880	57	489
Thailand	27 890	110 113	41 947	98 855	36 324	103 272
Other	1 650	7 390	900	3 326	774	2 682
Total	29 700	118 506	42 970	103 062	37 155	106 443
Herrings						
Canada	209	1 107	151	750	146	776
Denmark	28	126	7	27	25	137
Germany	412	2 373	356	1 872	325	1 710
Other	207	922	247	1 018	276	931
Total	855	4 529	761	3 668	772	3 554
Sardines						
Canada	927	5 199	884	4 222	975	4 043
Norway	530	5 520	400	5 817	168	2 409
Thailand	1 501	4 390	1 266	3 106	1 345	3 268
United Kingdom	513	5 153	330	3 192	486	4 610
Other	1 699	5 681	615	2 906	1 209	6 008
Total	5 170	25 942	3 495	19 243	4 183	20 339
Anchovies						
Italy	328	3 962	490	4 986	390	4 082
Morocco	225	2 472	188	2 111	311	3 449
Spain	56	1 301	47	1 104	53	1 344
Other	145	1 308	133	1 031	174	1 335
Total	755	9 044	859	9 233	927	10 210
Mackerel						
Chile	394	596	294	371	253	312
Denmark	106	798	152	662	82	584
Japan	92	388	86	343	55	242
Malaysia	75	263	69	191	66	185
New Zealand	10	48	25	56	21	75
Thailand	209	447	175	335	247	502
Other	176	909	235	952	228	1 103
Total	1 061	3 450	1 037	2 911	953	3 004
Other						
Canada	87	450	108	539	0	0
Korea, Rep. of	61	219	16	58	4	18
New Zealand	2	11	0	2	0	0
Sweden	390	1 990	33	181	13	72
Other	216	880	150	665	188	866
Total	756	3 550	306	1 445	204	956
Total canned fish	47 398	218 762	58 804	186 148	53 443	188 745

Note: All tonnages are net product imported, all values are "value for duty".
Source: ABS, International Trade, Australia, cat. no. 5465.0, Canberra.

imports

36 imports of crustaceans and molluscs, by source – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Lobster						
Fresh, chilled or frozen						
Cuba	27	723	0	0	31	576
New Zealand	6	192	6	199	1	32
Papua New Guinea	73	3 373	89	2 151	79	2 816
Thailand	194	2 826	151	2 043	118	1 514
United States	82	2 364	0	0	17	359
Viet Nam	19	327	3	58	3	35
Other	82	1 256	196	2 638	221	2 800
Total lobster	484	11 060	444	7 088	469	8 132
Prawns						
Fresh, chilled or frozen						
China	544	5 704	3 894	28 476	4 034	26 497
Chinese Taipei	41	714	102	1 297	92	1 054
India	2 763	39 759	2 920	34 872	3 096	32 149
Indonesia	1 629	17 501	1 617	13 423	1 669	10 820
Malaysia	395	3 889	190	1 783	183	1 826
Myanmar	644	6 451	564	4 867	528	4 599
New Caledonia	123	2 044	104	1 571	189	2 370
Papua New Guinea	161	1 357	196	1 307	59	406
Singapore	141	1 608	211	2 083	101	1 063
Thailand	3 597	47 027	4 911	44 250	5 741	45 556
Viet Nam	2 802	45 441	3 898	47 333	6 260	69 650
Other	245	2 990	253	2 275	637	5 196
Total	13 086	174 484	18 860	183 537	22 590	201 187
Canned						
Malaysia	1 202	10 082	1 089	8 072	1 244	8 215
Thailand	3 064	29 341	3 328	27 035	4 035	34 433
Viet Nam	167	1 558	319	2 726	437	3 854
Other	599	4 404	848	6 187	1 530	9 989
Total	5 032	45 386	5 584	44 020	7 247	56 491
Other						
China	0	1	0	4	16	92
Malaysia	0	3	2	12	0	1
Thailand	26	334	1	12	0	0
Viet Nam	0	0	0	6	0	0
Other	2	28	1	4	2	24
Total	29	365	5	38	18	116
Total prawns	18 147	220 236	24 448	227 595	29 855	257 794
Crabs						
Fresh, chilled or frozen						
India	0	0	0	1	0	0
Malaysia	6	17	15	130	49	359
Thailand	5	66	62	294	67	772
Viet Nam	126	1 131	94	798	110	966
Other	40	369	53	408	117	1 119
Total	177	1 582	223	1 632	343	3 216
Canned						
Thailand	321	2	241	1	225	1
Other	64	3 051	79	2 231	118	2 266
Total	385	3 054	321	2 233	343	2 267
Total crabs	563	4 636	543	3 864	687	5 483

Continued

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

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Molluscs (fresh, chilled or frozen)						
Scallops						
China	654	6 618	928	8 823	1 398	15 250
Indonesia	18	144	14	100	8	41
Japan	937	12 033	664	7 557	391	6 027
New Zealand	13	267	1	20	1	7
Peru	12	140	37	316	0	1
Thailand	338	4 114	408	4 547	310	3 490
Viet Nam	7	64	7	49	20	144
Other	46	860	44	614	169	2 497
Total	2 024	24 241	2 104	22 027	2 297	27 458
Mussels						
China	13	81	21	123	117	471
Denmark	0	0	0	0	0	0
New Zealand	1 954	9 065	2 137	7 892	1 925	7 710
Other	5	25	30	80	75	958
Total	1 972	9 170	2 188	8 095	2 117	9 139
Calamari, squid and octopus						
China	2 996	12 898	3 157	11 676	4 903	23 621
Chinese Taipei	2 280	10 042	2 357	8 804	1 608	8 308
Hong Kong, China	4	139	9	184	2	51
India	88	232	185	435	176	547
Indonesia	83	369	138	488	194	795
Japan	8	119	27	145	23	174
Korea, Rep. of	730	1 585	159	489	143	810
Malaysia	569	1 903	665	1 991	654	2 041
New Zealand	2 077	9 108	2 915	12 997	2 337	11 272
Peru	20	67	68	172	0	0
Singapore	56	180	36	134	53	154
Thailand	1 723	6 521	1 874	6 872	1 637	6 144
United States	207	323	380	850	214	462
Viet Nam	746	2 076	1 148	2 814	1 098	2 803
Other	258	513	129	402	474	1 329
Total	11 845	46 076	13 248	48 456	13 516	58 510
Crustaceans and molluscs (canned)						
China	670	4 761	674	3 834	739	4 388
Denmark	19	111	4	24	0	0
Korea, Rep. of	297	4 164	378	3 564	286	2 549
Malaysia	685	4 080	773	4 440	930	5 834
New Zealand	1 118	6 051	1 689	9 155	1 655	9 677
Singapore	93	680	100	695	86	649
Thailand	1 304	7 531	955	4 449	1 190	5 603
Other	259	2 284	226	1 909	302	2 443
Total	4 446	29 662	4 798	28 071	5 188	31 144

Note: All tonnages are net product imported, all values are "value for duty".
Source: ABS, International Trade, Australia, cat. no. 5465.0, Canberra.

imports

37 imports of fisheries products, by source – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Edible (excluding live)						
Argentina	2 249	7 679	2 430	7 713	3 904	11 499
Canada	3 677	24 041	3 885	20 171	4 118	20 457
Chile	5 743	18 237	5 471	15 050	3 590	10 910
China	8 173	44 260	12 442	68 756	15 883	89 946
Chinese Taipei	3 856	18 633	4 407	19 928	4 337	23 143
Denmark	761	11 422	1 098	15 947	1 058	17 750
Germany	466	3 227	425	2 663	392	2 570
Hong Kong, China	159	2 103	128	2 153	122	1 926
India	3 502	42 068	3 831	37 605	3 566	33 935
Indonesia	5 265	31 151	4 271	25 279	4 289	26 165
Italy	514	5 506	725	6 700	580	5 676
Japan	3 538	20 429	1 821	14 910	1 088	11 708
Korea, Rep. of	2 286	12 196	1 678	8 814	1 210	6 886
Malaysia	4 423	29 019	4 903	25 777	5 025	26 757
Norway	955	10 779	994	12 263	889	10 589
New Zealand	34 899	177 332	35 472	168 327	28 541	153 478
Philippines	430	1 686	354	1 453	666	2 529
Singapore	1 108	6 607	1 342	7 338	1 111	6 039
South Africa	6 969	37 874	6 404	33 691	6 517	31 507
Spain	228	4 229	212	3 098	129	1 578
Thailand	46 402	240 782	62 808	221 649	60 159	236 641
United Kingdom	775	6 691	611	4 983	853	7 167
United States	6 709	34 193	7 327	26 059	8 623	29 293
Viet Nam	8 598	75 913	12 391	84 859	18 171	121 974
Other	12 988	84 130	12 585	69 714	11 512	69 209
Total	164 673	950 185	188 014	904 899	186 332	959 331
Nonedible						
Chile	na	428	na	574	na	81
Chinese Taipei	na	3 436	na	2 277	na	927
French Polynesia	na	2 248	na	2 858	na	1 839
Hong Kong, China	na	5 265	na	5 193	na	5 462
Indonesia	na	18 939	na	6 204	na	11 433
Japan	na	3 146	na	2 510	na	3 307
Malaysia	na	1 141	na	1 279	na	679
Netherlands	na	5 539	na	2 741	na	4 344
New Zealand	na	16 869	na	11 795	na	10 893
Peru	na	18 817	na	16 198	na	19 460
Philippines	na	5 078	na	4 921	na	2 733
Samoa	na	2 478	na	2 862	na	3 313
Singapore	na	1 693	na	1 616	na	1 609
Thailand	na	1 537	na	833	na	1 317
United States	na	17 582	na	8 267	na	10 029
Other	na	147 436	na	131 330	na	135 199
Total	na	251 631	na	201 459	na	212 625
Total imports	na	1 201 817	na	1 106 358	na	1 171 956

na Not available.

Note: All tonnages are net product imported, all values are "value for duty".

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

38 seafood imports from selected countries, by product – Australia

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
China						
Frozen whole fish	518	2 443	465	2 147	429	2 069
Canned fish	114	445	110	326	257	743
Smoked, dried or salted fish	63	708	70	639	49	611
Other fish	663	2 819	949	3 735	964	3 668
Prawns	544	5 704	3 894	28 480	4 050	26 589
Scallops	654	6 618	928	8 823	1 398	15 250
Oysters	47	295	4	105	8	72
Mussels	13	81	21	123	117	471
Canned crustaceans and molluscs	670	4 761	674	3 834	739	4 388
Other crustaceans and molluscs	3 134	13 616	3 361	12 514	5 052	24 201
Other	1 753	6 770	1 965	8 029	2 820	11 885
Total	8 173	44 260	12 442	68 756	15 883	89 946
Vietnam						
Frozen whole fish	242	861	328	1 012	506	1 716
Canned fish	1 079	5 173	106	672	209	1 071
Smoked, dried or salted fish	80	578	102	651	87	483
Other fish	162	708	194	593	226	1 012
Prawns	2 802	45 441	3 898	47 339	6 260	69 650
Scallops	7	64	7	49	20	144
Oysters	0	0	0	0	0	0
Mussels	0	1	1	5	1	4
Canned crustaceans and molluscs	80	568	39	354	41	244
Other crustaceans and molluscs	937	3 560	1 290	3 808	1 263	3 969
Other	3 209	18 959	6 428	30 376	9 559	43 682
Total	8 598	75 913	12 391	84 859	18 171	121 974
New Zealand						
Fresh and chilled whole fish	4 434	27 349	5 347	30 322	4 945	31 742
Frozen whole fish	4 839	10 039	5 117	8 812	2 053	6 181
Fresh and chilled fillets	267	1 897	198	1 308	151	1 096
Frozen fillets	12 057	72 073	10 621	59 709	8 293	49 922
Canned fish	18	112	32	97	25	101
Smoked, dried or salted fish	54	1 254	86	1 429	55	978
Other fish	5 001	22 555	3 583	17 690	3 598	17 345
Lobster	6	192	6	199	1	32
Scallops	13	267	1	20	1	7
Squid	2 077	9 108	2 915	12 997	2 337	11 272
Oysters	685	5 933	674	5 981	872	6 631
Mussels	1 954	9 065	2 137	7 892	1 925	7 710
Canned crustaceans and molluscs	1 118	6 051	1 689	9 155	1 655	9 677
Other crustaceans and molluscs	61	4 708	100	4 097	63	4 754
Extracts and pastes	0	0	0	0	0	0
Other	2 315	6 729	2 967	8 618	2 565	6 029
Total	34 899	177 332	35 472	168 327	28 541	153 478

Continued

imports

38 seafood imports from selected countries, by product ^a - Australia *continued*

	2002-03		2003-04		2004-05	
	t	\$'000	t	\$'000	t	\$'000
Thailand						
Frozen whole fish	372	1 106	527	1 130	553	1 204
Fillets	26	117	19	68	4	17
Canned fish	30 142	118 569	44 266	108 463	38 872	111 617
Smoked, dried or salted fish	59	404	62	501	29	196
Other fish	3 915	14 689	3 746	11 957	5 462	15 814
Prawns	3 623	47 361	4 913	44 262	5 741	45 556
Lobster	194	2 826	151	2 043	118	1 514
Scallops	338	4 114	408	4 547	310	3 490
Mussels	1	2	16	30	18	36
Canned crustaceans and molluscs	1 304	7 531	955	4 449	1 190	5 603
Other crustaceans and molluscs	2 382	9 400	2 667	9 827	2 169	8 696
Extracts and pastes	0	0	0	0	0	0
Other	4 045	34 663	5 077	34 371	5 694	42 898
Total	46 402	240 782	62 808	221 649	60 159	236 641
United States						
Frozen whole fish	509	844	1 333	440	2 538	2 143
Frozen fillets	128	707	253	1 256	255	1 228
Canned fish	5 385	27 755	5 055	22 146	5 037	21 322
Smoked, dried or salted fish	0	0	12	48	0	0
Other fish	117	853	66	454	59	438
Scallops	22	333	18	264	102	1 717
Canned crustaceans and molluscs	1	11	0	0	0	0
Other crustaceans and molluscs	208	344	389	992	215	486
Other	340	3 344	200	459	418	1 960
Total	6 709	34 193	7 327	26 059	8 623	29 293
APEC region						
Fresh and chilled whole fish	4 733	28 146	5 440	30 686	5 083	32 259
Frozen whole fish	10 336	20 093	9 770	16 134	7 181	14 719
Fresh and chilled fillets	355	2 338	258	1 613	280	2 208
Frozen fillets	16 595	97 361	15 900	87 526	14 453	81 707
Canned fish	40 956	178 057	54 904	156 758	49 206	157 103
Smoked, dried or salted fish	496	5 486	573	6 368	412	5 267
Other fish	12 106	54 848	10 998	47 837	12 954	52 846
Prawns	4	26	2	9	3	16
Lobster	425	9 838	409	6 676	372	6 880
Scallops	2 005	24 037	2 037	21 438	2 226	26 805
Oysters	792	6 926	749	6 797	910	6 975
Mussels	1 971	9 166	2 175	8 051	2 107	9 084
Canned crustaceans and molluscs	4 305	28 567	4 701	27 107	5 088	30 310
Other crustaceans and molluscs	11 863	54 210	13 000	54 576	12 771	64 189
Extracts and pastes	0	0	0	0	0	0
Other	14 601	132 416	20 761	146 808	22 744	152 315
Total	121 544	651 514	141 677	618 383	135 789	642 686

^a Excludes live imports.

Note: All tonnages are net product imported, all values are "value for duty".

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