### © Commonwealth of Australia 1997

This work is copyright. The *Copyright Act 1968* permits fair dealing for study, research, news reporting, criticism or review. Selected passages, tables or diagrams may be reproduced for such purposes provided acknowledgment of the source is included. Major extracts or the entire document may not be reproduced by any process without the written permission of the Executive Director, ABARE.

ISSN 1037-6879

ABARE 1997, Australian Fisheries Statistics ~ 1997, Canberra.

Australian Bureau of Agricultural and Resource Economics GPO Box 1563 Canberra 2601

Telephone +61 2 6272 2000 Facsimile +61 2 6272 2001

Internet www.abare.gov.au

ABARE is a professionally independent government economic research agency.

# Foreword

To meet the needs of the fishing industry, fisheries managers, policy makers and researchers, ABARE has been publishing detailed production and trade data in *Australian Fisheries Statistics* since 1991. The estimates of the gross value of production provided in the report are used, for example, to determine Commonwealth, state and territory fisheries research funding arrangements each year.

This publication contains a comprehensive set of data on the volume and value of production from Commonwealth and state fisheries, and the volume and value of Australian fisheries trade, by destination, source and product, for the three years to 1996-97. The report also contains a profile of Commonwealth and state fisheries for 1996-97.

Australian Fisheries Statistics can be used in conjunction with ABARE's major annual statistical bulletin, Australian Commodity Statistics, which provides a historical series of production and trade statistics for fisheries and a range of other commodities, and ABARE's quarterly journal, Australian Commodities, in which forecasts for major fisheries commodities are updated throughout the year. Together these three publications provide a comprehensive account of historical trends in, and the outlook for, Australian fisheries. Detailed analysis of the financial performance of selected fisheries is also provided in the annual Fisheries Surveys Report.

STEPHEN C. BEARE
Acting Executive Director

November 1997

# Acknowledgments

This report was prepared by David Timcke, David Campbell and other officers of ABARE. The assistance of officers of state fisheries departments and the Australian Fisheries Management Authority, researchers and various industry representatives is gratefully acknowledged. Trade data were supplied by the Australian Bureau of Statistics.

Inquiries about state catch information should be directed to the coordinators of fisheries statistics in that state.

### **New South Wales**

Dr Bruce Pease New South Wales Fisheries Phone: 02 9527 8411

Fax: 02 9527 8576

### Queensland

Neil Trainor

Queensland Fisheries Management

Authority

Phone: 07 3227 8583 Fax: 07 3221 8793

### Victoria

Ann Gason

Marine and Freshwater Resources Institute

Phone: 03 5258 0111 Fax: 03 5258 0270

### South Australia

Malcolm Knight

South Australian Research and Development

Institute

Phone: 08 8200 2417 Fax: 08 8200 2481

### Western Australia

Nick Caputi

Fisheries Department of Western Australia

Phone: 08 9246 8444 Fax: 08 9447 3062

### **Tasmania**

Denise Garcia

Division of Sea Fisheries

Department of Primary Industry and

**Fisheries** 

Phone: 03 6233 6462 Fax: 03 6223 5201

### **Northern Territory**

Chris Calogerus Fisheries Division

Department of Primary Industry and

Fisheries

Phone: 08 8999 4333 Fax: 08 8981 1475

# **Contents**

Pro	duction and trade: key features	1
Pro	file of Australian fisheries in 1997	4
Pro	duction	
1	Gross value of Australian fisheries production	7
2	Australian fisheries production in 1994-95, by state	8
3	Australian fisheries production in 1995-96, by state	9
4	Australian fisheries production in 1996-97, by state	10
5	Australian fisheries production in 1996-97, by location of catch	11
6	New South Wales fisheries production	12
7	Victorian fisheries production	13
8	Queensland fisheries production	14
9	Western Australian fisheries production	15
10	South Australian fisheries production	16
11	Tasmanian fisheries production	17
12	Northern Territory fisheries production	18
13	Commonwealth fisheries production	19
14	Australian aquaculture production in 1994-95, by state	21
15	Australian aquaculture production in 1995-96, by state	22
16	Australian aquaculture production in 1996-97, by state	23
Fyr	ports	
17	Australian exports of fisheries products	24
18	Australian exports of fish	25
19	Australian exports of crustaceans and molluscs	26
20	Australian exports of edible fish, by destination	27
21	Australian exports of crustaceans, by destination	29
22	Australian exports of molluscs, by destination	31
23	Australian exports of fisheries products, by destination	32
24	Australian exports of seafood to selected countries, by product	33
25	Australian seafood exports in 1994-95, by state	35
26	Australian seafood exports in 1995-96, by state	36
27	Australian seafood exports in 1996-97, by state	37
Imi	ports	
28	Australian imports of fisheries products	38
29	Australian imports of fish	39
30	Australian imports of crustaceans and molluscs	40
31	Australian imports of edible fish, by source	41
32	Australian imports of fresh, chilled or frozen fish, by source	42
33	Australian imports of dried, salted or smoked fish, by source	44
34	Australian imports of crustaceans and molluscs, by source	45
35	Australian imports of fisheries products, by source	47
36	Australian seafood imports from selected countries, by product	48

# Definitions and explanations

Small discrepancies in totals are generally caused by the rounding of components.

A dash (–) is used to denote a nil or negligible amount.

### Tuna

Tuna exports do not include tuna caught under joint venture or bilateral agreements, unless they are landed in Australia. Data are footnoted where appropriate.

## **Definitions**

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

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

**Production quantity** is a measure of the quantity of fish product landed by fishery, usually on the basis of log book returns.

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

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.

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

Seafood consists of edible fisheries products marketed for human consumption; it excludes non-edible fisheries products.

## Abbreviations and symbols

kg	kilogram
t	tonne
kt	kilotonne

dollar (Australian)

\$'000 thousand dollars (Australian) \$m million dollars (Australian)

fob free on board

ABS Australian Bureau of Statistics

**ABARE** Australian Bureau of Agricultural and

> Resource Economics Australian fishing zone

**AFZ GAB** Great Australian Bight

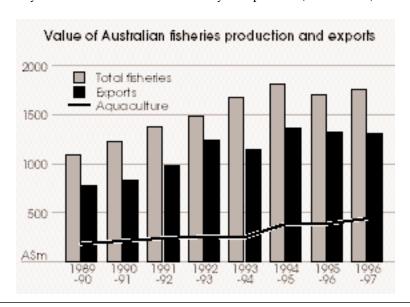
Not available na

# Production and trade

## Key features

## Increased gross value of production

- The gross value of Australian fisheries production increased by an estimated 4 per cent (\$61.1 million) in 1996-97, to \$1.761 billion (table 1). The increase came about mostly as a result of a 39 per cent (\$51.8 million) increase in pearl production (tables 15 and 16), and a 10 per cent (\$36.8 million) increase in the estimated gross value of rock lobster production (tables 3 and 4). Major falls in the estimated value of fisheries products were observed for prawns (6 per cent or \$22.6 million) and for scallops (25 per cent or \$18 million) (tables 3 and 4). The only fisheries management jurisdictions in which the value of fisheries production increased were Western Australia and South Australia (table 1).
- Western Australia continued to account for the largest share (32 per cent) of the value of Australia's fisheries production (table 1), up from 29 per cent in 1995-96. This increase stemmed primarily from a \$50.1 million (41 per cent) increase in the reported value of pearl production (table 9), and a \$29.1 million (13 per cent) increase in the value of rock lobster production. These increases were partly offset by an estimated decline in the value of scallop production of \$6.8 million (33 per cent) (table 9).
- Commonwealth fisheries accounted for the second largest share (18 per cent) of the total value of Australian fisheries production in 1996-97 (table 1). The value of Commonwealth fisheries production fell by an estimated 2 per cent (\$7.2 million) over the year. This reduction was caused by an 8 per cent (\$9.7 million) fall

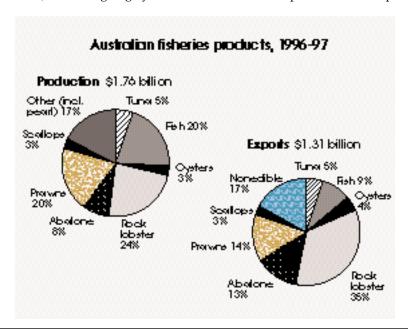


in the value of prawn production, an 18 per cent (\$4.0 million) fall in the value of the Torres Strait fishery and a 12 per cent (\$5.7 million) fall in the value of southern bluefin tuna (table 1). The fall in the gross value of southern bluefin tuna production resulted from the closure of the remaining Australia–Japan joint venture operation.

- Across the species, major falls in value of production were recorded for scallops (25 per cent) and prawns (6 per cent). Increases in value of production were recorded for 'other molluscs', primarily pearls (26 per cent), rock lobster (10 per cent) and tuna (10 per cent) (tables 3 and 4). The increase in the value of rock lobster production was driven by increased unit price, as there was a 3 per cent fall in volume (tables 3 and 4). The fall in the value of prawn production was mostly a result of the fall in the unit value of tiger prawns in the northern prawn fishery (table 13).
- Rock lobster, at \$409 million, and prawns, at \$344 million, made up 43 per cent of the reported total gross value of fisheries production in 1996-97 (table 4).
- Aquaculture accounted for 25 per cent of the total value of Australian fisheries production. The value of Australian aquaculture production increased by \$56 million (14 per cent) in 1996-97. The increase came from a \$51.8 million (39 per cent) increase in the value of pearl production, and a \$1.9 million increase in the value of both prawn production and edible oyster production (tables 15 and 16). An offsetting influence was the \$1.5 million (11 per cent) fall in the value of trout production.

## **Exports fall**

• The value of Australian fisheries product exports fell by an estimated \$23.3 million (2 per cent) in 1996-97, to \$1.3 billion (table 17), stemming largely from falls in the value of prawn and scallop



- exports of \$39.3 million (18 per cent) and \$30.5 million (45 per cent) respectively. Increases were observed for rock lobster (8 per cent), abalone (16 per cent), fish, including tuna (9 per cent), and nonedible product (2 per cent).
- Rock lobster remained Australia's highest value fisheries export, accounting for an estimated 35 per cent of 1996-97 total export value. Next were pearl exports, at 15 per cent, followed by prawns, at 14 per cent (table 17).
- The volume of rock lobster exports in 1996-97 increased by an estimated 1 per cent, while value increased by an estimated 8 per cent. Most of the increase in value came from increases in volume (4 per cent) and unit price (6 per cent) for live fresh or chilled whole lobster (table 19).
- The volume of abalone exports in 1996-97 was slightly below that in 1995-96. However, an estimated 17 per cent increase in unit value resulted in an increase of \$22.9 million (16 per cent) in the estimated value of abalone exports (table 17).
- The value of prawn exports fell by \$39.3 million (18 per cent) in 1996-97, driven mainly by a 17 per cent fall in export volume. The largest percentage fall in export value was for scallops, which fell by 45 per cent (\$30.5 million), again driven by a big decrease (52 per cent) in volume (table 17).
- Japan continued to be the major destination for Australian exports of fisheries products, accounting for 34 per cent of the total value in 1996-97 (table 23). This share was lower than that in 1995-96, when Japan accounted for 37 per cent. Hong Kong and Taiwan continued to be the next largest markets for Australian exports, at 18 per cent and 17 per cent respectively of export value. Rock lobster was the major Australian seafood export to Japan (30 per cent), Hong Kong (48 per cent) and Taiwan (65 per cent) (table 24).
- Western Australia remained the major seafood exporting state, accounting for 34 per cent of the value in 1996-97 (table 27), of which 80 per cent consisted of rock lobster. Queensland was next, accounting for 20 per cent, of which 47 per cent was prawns.

## Imports up

- The total reported value of Australian imports of fisheries products increased by \$21.9 million (3 per cent) in 1996-97 (table 28). As exports of fisheries products fell by 2 per cent, net fish exports from Australia decreased in 1996-97.
- Australia's largest imports by value were prawns and frozen fish fillets, which respectively accounted for \$154 million (22 per cent) and \$124 million (18 per cent) of imports in 1996-97 (table 28).
   Imports of each of these products increased in value by about \$1 million compared with 1995-96.
- The major sources of fisheries products imported into Australia in 1996-97 were Thailand (26 per cent of total import value) and New Zealand (16 per cent) (table 36).

# Profile of Australian fisheries in 1997

Fishery	Area	Species	Main fishing method	Number of boats/units
Commonwealth				
Northern prawn	Gulf of Carpentaria, Cape York to Cape Londonderry	Banana, tiger, endeavour, king prawns	Otter trawling	132 boats
Torres Strait	Cape York Peninsula and south coast PNG	Mixed species – prawns, tropical rock lobster, Spanish mackerel, pearl shell, trochus and reef fish	Otter trawling, trolling and diving	529 boats
South east fishery	Commonwealth and state waters from Barrenjoey Point, NSW, around Tas. to Cape Willoughby, SA	Mixed fish species	Otter trawling Danish seine, demersal, anchored gillnet and demersal dropline/longline	127 trawl/ danish seine, boats and 170 gillnet/demersal line boats
Great Australian Bight	Commonwealth water between Cape Leeuwin, WA, and Kangaroo Island, SA	Deepwater flathead, orange roughy, Bight redfish	Demersal otter board, trawling and limited midwater trawling	10 boats
Southern bluefin tuna	Commonwealth waters in areas to the south and south east of the AFZ	Southern bluefin tuna	Pole and line, purse seine, pelagic longline and trolling	90 domestic boats
East coast longline	Commonwealth and NSW waters from Cape York to southernmost point of the AFZ	Yellowfin, bigeye tuna	Pelagic longline, handline, troll and rod and reel	200 pelagic longline boats and 280 minor line boats
East coast purse seine	Commonwealth and NSW waters from Cape York to southernmost point of the AFZ	Skipjack tuna	Purse seine and pole boats	19 purse seine boats and 100 pole boats
West coast tuna	Commonwealth and WA waters from Cape York Peninsula to 34° south off the west coast of WA	Yellowfin and bigeye tuna and billfish	Pelagic longline, handline, pole, troll, longline boats and rod and reel	104 boats
Southern shark	Commonwealth and state waters off SA, Vic. and Tas.	Gummy and school shark, other shark	Demersal gillnet and demersal hooks	120 gillnet boats and 33 hook boats
Bass Strait scallops	Commonwealth and state waters off Vic. and Tas.	Scallops	Dredging	155 boats
Jack mackerel	Commonwealth and state waters mainly south around the GAB, SA, Tas., Vic. and NSW	Jack mackerel	Purse seine, midwater trawling	38 purse seine boats and 17 midwater trawlers

Fishery	Species	Main fishing method	Number of boats/units
New South Wales			
Abalone	Blacklip abalone	Diving	37 fishers
Rock lobster	Eastern rock lobster	Pots	188 fishers
Prawn	Eastern king, school and royal red prawns	Trawling, hauling, seine, running net and pocket net	1037 fishers
Crab	Mudcrab, blue swimming and spanner crabs	Crab pots, crab net	365 fishers
Other fish species	Mixed fish species	Seine, hauling	1410 fishers
Victoria			
Abalone	Greenlip, blacklip abalone	Diving	71 licence holders
Scallops	Scallops	Dredging	112 licence holders
Bay and inlet	Mixed fish species	Various	203 licence endorsements
Rock lobster	Southern rock lobster	Pots	171 boats and 8101 pots
Inshore trawl	Mixed fish species	Trawling	61 licence holders
Queensland			
East coast trawl	Tiger, banana, red spot king, endeavour, eastern king, eastern school and greasy back prawns, scallops	Trawling	891 boats
	slipper lobster and whiting	Trawling	5 boats
East coast and Gulf of Carpentaria barramundi	Barramundi	Gillnet	383 licence endorsements
Beam trawl	Prawns	Trawling	223 licence endorsements
Net	Threadfin, mackerel, shark and mullet	Gillnet, seine	1102 licence endorsements
Reef	Mixed fish species	Handline, trolling	1800 licence endorsements
Crab	Mud, sand and spanner crabs	Pots, dillies	1061 licence endorsements
Western Australia			
West coast rock lobster	Western rock lobster	Pots	611 boats and 56 820 pots
Abalone	Greenlip, brownlip and Roe's abalone	Diving	26 licence holders
Shark Bay prawn	King tiger and endeavour prawns, scallops	Trawling	27 boats
Exmouth prawn	King, tiger and endeavour prawns	Trawling	16 boats
Nickol Bay prawn	King, banana prawns	Trawling	14 boats
Shark Bay scallops	Scallops	Trawling	14 boats

### **PROFILE**

Fishery	Species	Main fishing method	Number of boats/units
South Australia			
Southern zone rock lobster	Southern rock lobster	Pots	188 licence holders
Northern zone rock lobster	Southern rock lobster	Pots	79 licence holders
Abalone	Greenlip, blacklip abalone	Diving	35 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	Mixed fish species	Netting, line fishing, handlines and traps	526 licence holders
Pilchard	Pilchard	Purse seine	14 licence holders
Tasmania			
Abalone	Blacklip abalone	Diving	125 diving
Rock lobster	Southern rock lobster	Pots	330 licence holders and 10 507 pots
Aquaculture	Atlantic salmon, Pacific oysters	Cage culture farming	140 farms
Northern Territory	7		
Coastal	Finfish and bait	Line, net and trap	88 licence holders
Offshore	Mackeral, shark and reef	Trolling, hand and long line, net, trap and trawling	138 licence holders
Barramundi	Barramundi and threadfin	Gillnet	28 licence holders
Mud Crab	Mud crab	Crab pots	49 licence hoders
Other	Molluscs, oyster, trepang, squid and aquarium	Hand harvest, jigging and a variety of other methods	49 licence holders

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

# 7 Gross value of Australian fisheries production

	1994-95		1995-96	p	1996-97	s
	\$'000		\$'000		\$'000	
State fisheries and aquaculture a						
New South Wales	117 317		113 818		113 590	
Victoria	82 120		89 540		87 340	
Queensland	239 865		261 658		256 000	
Western Australia	595 521		497 132		568 522	
South Australia	185 151		186 086		191 122	
Tasmania	182 356		194 342		189 490	
Northern Territory	58 937		62 228		62 228	
Total	1 461 267		1 404 804		1 468 292	
Commonwealth fisheries						
Northern prawn	139 367		114 812		105 156	
Torres Strait	30 839		27 863		22 909	
South east trawl	54 075		49 937		48 738	
South east non-trawl	2890		3 240		4 507	
Great Australian Bight	3 224		4 972		5 5 1 2	
Southern shark	14 373		16 838		15818	
East coast tuna	11 950		17 294		26 372	
East coast purse seine	1616		3 608		8 508	
Southern bluefin tuna	86 275		46 446		40 789	
Bass Strait scallop	na		1 694		1885	
Western tuna	na		14 034		14 010	
Other fisheries	14 540	b	17 075	c	16 402	
Total	359 149		317 812		310 605	
Total value d	1 812 166		1 700 372		1 761 497	

a State totals include estimates of the value of aquacultural production but exclude the value of hatchery and inland commercial fishery production. b Includes western deepwater, Bass Strait Central zone scallop and southern squid fisheries. c Includes north west slope, western deepwater, southern squid, Jack mackerel, Maquarrie Island, Heard and McDonald Islands, Coral Sea, Cocos and Christmas Islands, and king crab fisheries. d 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; Marine and Freshwater Resources Institute; Melbourne Wholesale Fish Market; New South Wales Department of Agriculture and Fisheries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industry and Fisheries; Western Australian Fisheries Department.

## 2 Australian fisheries production in 1994-95, by state a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'wlth	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	0	0	0	102	37 995	0	73	99 841 <b>b</b>	129761 c
Other	43 561	18699	64017	45 192	17 061	63 904	8 9 1 9	74 266 d	335 620
Total	43 561	18699	64017	45 294	55 056	63 904	8 9 9 2	174107	465 381
Crustaceans									
Prawns	21 396	208	109 622	47 793	24 497	0	0	164446 e	367 963
Rock lobster	3 102	15782	5 467	304 690	74043	41 427	0	5 500	450 011
Other	6 583	1436	29 643	6327	2926	1144	2 127	195	50 381
Total	31 081	17 426	144733	358 810	101 466	42 571	2 127	170 141	868 354
Molluscs									
Abalone	9 248	42 546	0	10415	22766	59714	0	0	144 689
Scallops	38	846	30 295	22 204	0	0	23	10 211	63 617
Oysters	28 388	18	486	0	3 5 3 5	15 218	0	0	47 644
Other	5 001	2585	335	158 798	2328	949	47 796	4690 f	222 481
Total	42 675	45 994	31 115	191 417	28 629	75 881	47819	14 901	478 431
Total value	117 317	82 120	239 865	595 521	185 151	182 356	58 937	359 149 g	1 812 166 c
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	0	0	0	42	1927	0	16	8346 ь	8 682 c
Other	16 501	8 101	11359	26 514	6 663	24 065	2509	31 <i>7</i> 76 <b>d</b>	127 489
Total	16 501	8 101	11 359	26 556	8 5 9 0	24065	2 5 2 5	40 122	136 171
Crustaceans									
Prawns	1910	32	8860	3 989	2 0 5 9	0	0	11 115 e	27 965
Rock lobster	84	509	607	10886	2611	1 387	0	182	16 266
Other	980	158	4365	1 163	688	254	235	28	7 871
Total	2973	699	13 832	16038	5 3 5 8	1 641	235	11 325	52 102
Molluscs									
Abalone	308	1447	0	299	851	2 299	0	0	5 204
Scallops	21	418	5860	5 046	0	0	9	4062	15 415
Oysters	5326	5	197	0	855	3 044	0	0	9 4 2 6
Other	1634	1533	119	795	910	271	140	2061 f	7464
Total	7289	3 403	6176	6 140	2616	5614	149	6122	37 509
Total quantity	26764	12 203	31 367	48734	16564	31 320	2909	57 570 g	225781 c

a State totals include estimates of aquacultural production but exclude hatchery and inland commercial fishery production. b Includes the southern bluefin, east coast and purse seine tuna 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 Includes the fish component of Commonwealth fisheries. e Includes the northern prawn, Torres Strait, south east and other fisheries. fIncludes squid, octopus and cuttlefish from the south east and Great Australian Bight fisheries, and pearl oyster from the Torres Strait fishery. g Totals include all fisheries under federal jurisdiction.

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

# Australian fisheries production in 1995-96, by state a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'wlth	Aust.
Value s	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	0	0 28 957	0 64 971	98 45 500	39 924	0	48 10 995	67 332 <b>b</b> 89 050 <b>d</b>	85 159 c
Other	35 359				18592	64 554			357 977
Total	35 359	28 957	64 971	45 598	58 516	64 554	11 043	156 382	443 136
Crustaceans	21110		400050	E4 04 0	24.224	0		40=004	244224
Prawns	24 169	75	128 358	51 913	26324	0	0	135 396 e	366 236
Rock lobster	3 6 4 5	14 116	6 482 29 629	225 533	68 399	47 894	0	6231	372 300 54 422
Other	6746	1006		5 580	3 2 6 4	1510	5 382	1305	
Total	34 560	15 197	164 470	283 026	97 987	49 404	5 382	142 932	792 959
Molluscs									
Abalone	11 443	37 630	0	10698	22 474	60 159	0	0	142 404
Scallops	8	5313	31 276	20542	0	0	13	14 098	71 249
Oysters Other	28 073 4 375	0 2443	519 422	0 137 268	3950	19 000 1 225	0 45 <i>7</i> 90	0	51 542 199 081
					3 159			4 400 f	
Total	43 899	45 386	32 217	168 508	29 583	80 384	45 803	18 498	464 277
Total value	113 818	89 540	261 658	497 132	186 086	194 342	62 228	317812 g	1 700 372 c
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	0	0	0	37	2013	0	10	10 500 <b>b</b>	9240 c
Other	15 212	8 408	12 162	25 929	7306	18752	2896	35 113 d	125 778
Total	15 212	8 4 0 8	12 162	25 966	9319	18752	2906	45 613	135 018
Crustaceans									
Prawns	2 093	12	10098	3940	2 2 7 1	0	0	10 <i>77</i> 3 e	29 186
Rock lobster	102	483	720	9902	2587	1786	0	201	15781
Other	991	114	4362	1 027	749	202	454	162	8 060
Total	3 185	609	15 180	14869	5607	1988	454	11 135	53 027
Molluscs									
Abalone	327	1532	0	347	902	2300	0	0	5408
Scallops	1	2657	6 0 5 0	3604	0	0	4	3614	15929
Oysters	5 021	0	264	0	976	3 800	0	0	10 061
Other	1 406	820	151	682	1 233	350	132	1977 f	6752
Total	6755	5 009	6464	4633	3111	6450	135	5 591	38 149
Total quantity	25 152	14026	33 807	45468	18 037	27 190	3 496	62 342 g	226 195 с

a State totals include estimates of aquacultural production but exclude hatchery and inland commercial fishery production.
 b Includes the southern bluefin, east coast and western tuna 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 Includes the fish component of Commonwealth fisheries.
 e Includes the northern prawn, Torres Strait, south east and other Commonwealth fisheries.
 f Includes squid, octopus and cuttlefish from the south east and Great Australian Bight fisheries, and pearl oyster from the Torres Strait fishery.
 g Totals include all fisheries under federal jurisdiction.

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

## 4

## Australian fisheries production in 1996-97, by state as

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'wlth	Aust.
Value s	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish	0				40.000	0	40	<b>5</b> 4.004 -	04400
Tuna Other	0 36 871	0 24 979	0 66 777	44 46 678	40 200 17 385	0 65 033	48 10 995	71 231 b 91 267 d	94 123 c 359 984
Total	36871	24 97 9	66 777	46 722	57 585	65 033	11 043	162 497	454 108
	30 07 1	24979	00 / / /	40 / 22	37 363	63 033	11043	102 497	434 106
Crustaceans	22.000	10	107 400	E0.1EE	05 151	0	0	110.050	242 505
Prawns	22 900 3 452	13 14 547	126 422 7 181	50 155	25 151 71 379	0 51 784	0	118 953 e	343 595
Rock lobster Other	6 448	2 280	30 132	254 611 7 108	2813	1458	5382	6112 1720	409 066 57 341
Total	32 800	16840	163 736	311874	99 343	53 242	5382	126756	810 002
	32 800	10040	103 / 30	311 6/4	99 343	33 242	3362	120730	810 002
Molluscs	11.070	41.007	0	10.606	05.104	<b>F</b> 0.000	0	0	100.045
Abalone	11 068	41 997	0	10 606 13 783	25 184	50 990	0	14107	139 845
Scallops Oysters	2 28 073	1 150 0	24 289 519	13 / 83	0 5816	0 19 000	13 0	14 197 0	53 434 53 408
Other	4777	2374	679	185 537	3194	1225	45 790	7125 f	250 701
Total	43919	45 521	25 487	209 926	34 194	71 215	45 803	21 322	497 388
Total value	113 590	87 340	256 000	568 522	191 122	189 490	62 228	310 605 g	1761497 с
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	0	0	0	17	2 089	0	10	13618 <b>b</b>	12 834 c
Other	14204	6 5 9 1	12538	26 699	7 161	9728	2896	34 174 d	113 991
Total	14 204	6591	12538	26716	9 2 5 0	9728	2906	47792	126 825
Crustaceans									
Prawns	2120	2	9 625	3 9 9 5	2024	0	0	10 090 e	27 856
Rock lobster	96	458	718	9 9 7 9	2528	1766	0	191	15 736
Other	937	144	3774	1 263	581	77	454	239	7 469
Total	3 153	604	14 117	15 237	5 133	1843	454	10521	51 061
Molluscs									
Abalone	335	1453	0	323	903	2 0 9 5	0	0	5109
Scallops	1	575	3 036	1969	0	0	4	3 5 1 8	9 102
Oysters	5 021	0	264	0	1 359	3 800	0	0	10 444
Other	1574	916	194	428	1 302	350	132	3128 f	8 0 2 5
Total	6931	2944	3 494	2720	3 5 6 4	6245	135	6 646	32 680
<b>Total quantity</b>	24 288	10 139	30 150	44673	17 947	17816	3496	64959 g	210 567 с

a State totals include estimates of aquacultural production but exclude hatchery and inland commercial fishery production. b Includes the southern bluefin, east coast and western tuna 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 Includes the fish component of Commonwealth fisheries. e Includes the northern prawn, Torres Strait, south east and other Commonwealth fisheries. f Includes squid, octopus and cuttlefish from the south east and Great Australian Bight fisheries, and pearl oyster from the Torres Strait fishery. g Totals include all fisheries under federal jurisdiction. p Preliminary. s Estimates.

Sources: ABÂRE; Australian Fisheries Management Authority; Marine and Freshwater Resources Institute; Melbourne Wholesale Fish Market; New South Wales Department of Agriculture and Fisheries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Department of Primary Industries; South Australian Department of Fisheries; Tasmanian Department Primary Industry and Fisheries; Western Australian Fisheries Department.

# Australian fisheries production in 1996-97, by location of catch as

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Other b	Aust.
Value s	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish									
Tuna	17 627	1563	9 032	1929	80 989	335	48	0	94 123 с
Other	50 738	51 196	71 657	50 130	28 483	83 993	11 008	0	347 206
Total	68 365	52759	80 689	52 059	109 472	84 328	11 057	0	441 329
Crustaceans									
Prawns	23 468	13	182688	61 533	25 151	0	50742	0	343 595
Rock lobster	3 452	14547	13 293	254 611	71 379	51 784	0	0	409 066
Other	6544	2 4 3 5	30 883	7120	2905	1480	5712	0	57 078
Total	33 464	16 995	226864	323 263	99 435	53 264	56454	0	809 738
Molluscs									
Abalone	11 068	41997	0	10606	25 184	50 990	0	0	139 845
Scallops	2	5414	24 386	13783	0	9746	103	0	53 434
Oysters	28 073	0	519	0	5816	19 000	0	0	53 408
Other	5 3 0 5	3 3 7 7	1 257	185608	3 397	1 270	47 125	0	247 340
Total	44 448	50788	26 162	209 997	34 397	81 007	47 228	0	494027
Total value	146 276	120 542	333 715	585 319	243 304	218 599	114739	16402	$1761496~\mathrm{cd}$
Quantity	t	t	t	t	t	t	t	t	t
Fish									
Tuna	5 2 7 6	847	1 138	245	8 025	192	10	na	12 834 с
Other	21 503	17 423	13 424	28 416	11 063	16 989	2903	na	111 721
Total	26 779	18 270	14563	28 661	19 088	17 181	2913	na	124 555
Crustaceans									
Prawns	2308	2	15382	5 103	2024	0	3 038	na	27 856
Rock lobster	96	458	909	9 9 7 9	2 5 2 8	1766	0	na	15736
Other	951	168	3 866	1 264	595	82	483	na	7 409
Total	3 355	628	20 157	16345	5 147	1848	3 520	na	51 002
Molluscs									
Abalone	335	1 453	0	323	903	2 095	0	na	5 109
Scallops	1	1 637	3 050	1969	0	2 4 2 9	16	na	9 102
Oysters	5 021	0	264	0	1 359	3 800	0	na	10 444
Other	1 <i>7</i> 95	1 301	238	476	1 397	368	400	na	5 9 7 5
Total	7 152	4392	3 552	2768	3 659	8 691	417	na	30 631
Total quantity	37 286	23 290	38 272	47774	27894	27721	6850	4380	210 567 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 and inland commercial fishery production. b Includes Commonwealth fisheries that have been aggregated for reasons of confidentiality – that is, north west slope, western deep water, southern squid, Jack mackererl Macquarie Island, Heard and McDonald Islands, Coral Sea, Cocos and Christmas Islands and king crab 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; Marine and Freshwater Resources Institute; Melbourne Wholesale Fish Market; New South Wales Department of Agriculture and Fisheries; New South Wales Fish Marketing Authority; Northern Territory Department of Primary Industry and Fisheries; Queensland Department of Primary Industries; South Australian Department of Fisheries; Tasmanian Department Primary Industry and Fisheries; Western

# 6 New South Wales fisheries production

	1994-95		19	95-96 р	1996-97 s		
	t	\$'000	t	\$'000	t	\$'000	
Crustaceans							
Rock lobster	84	3 102	102	3 6 4 5	96	3 4 5 2	
King prawns	877	12 189	831	12 648	701	11 543	
School prawns	707	4876	921	6210	1 066	6101	
Other prawns	78	594	70	492	82	436	
Crabs	788	4766	800	4 9 7 5	743	4632	
Other	159	1 306	156	1361	161	1406	
Total a	2 693	26 833	2881	29 331	2848	27 571	
Molluscs							
Abalone	308	9 248	327	11 443	335	11 068	
Scallops	21	38	1	8	1	2	
Cuttlefish	451	703	327	673	283	591	
Pipi	254	666	248	605	465	910	
Octopus and squid	892	3 421	787	2867	783	3 046	
Total a	1926	14075	1 690	15 596	1867	15 616	
Fish							
Sea mullet	4338	6116	4 450	6580	4 0 3 2	5 5 3 4	
Silver trevally	608	915	736	1377	704	1342	
Yellowtail kingfish	293	1816	194	1418	83	690	
Jack mackerel	62	57	68	64	27	21	
Black and yellowfin bream	578	4080	550	4 006	480	3 6 5 2	
Australian salmon	1 086	1 010	1 162	792	1 262	1397	
Snapper	403	3 667	324	2826	307	2609	
Rubberlipmorwong	176	599	215	691	197	598	
Mulloway	126	963	102	772	88	637	
Sand whiting	200	1739	200	1844	161	1416	
Luderick	484	665	501	693	480	638	
Other	7 833	19 957	6 281	11 787	5 955	15828	
Total a	16 186	41 584	14783	32 849	13775	34 361	
Total wildcaught	20 805	82 492	19354	77 776	18490	77 548	
Aquaculture							
Prawns	248	3736	271	4820	271	c 4820	
Yabbies	32	511	34	409	34	c 409	
Oysters	5326	28 388	5 021	28 073	5 021	c 28 073	
Fish	316	1978	429	2510	429	c 2510	
Other	37	212	44	230	44	c 230	
Total	5 9 5 9	34 825	5 <i>7</i> 98	36 041	5798	36 041	
Total production	26764	117 317	25 152	113 818	24 288	113 590	

a Excludes catches in the south east and east coast tuna fisheries. b Excludes hatchery production. c Assumed to be unchanged from the previous year. p Preliminary. s Estimates.

Sources: ABARE; New South Wales Department of Agriculture and Fisheries; New South Wales Fish Marketing Authority.

## Victorian fisheries production

	-	1994-95	1	1995-96 р	19	1996-97 s		
	t	\$'000	t	\$'000	t	\$'000		
Crustaceans								
Rock lobster	509	15782	483	14 116	458	14 547		
Prawns	32	208	12	75	2	13		
Crabs	108	1 131	74	595	88	1795		
Other	45	254	30	311	31	235		
Total	694	17 375	599	15 097	579	16 590		
Molluscs								
Abalone	1447	42 546	1 532	37 630	1 453	41 997		
Scallops	418	846	2 657	5 3 1 3	575	1 150		
Squid	1317	1899	94	405	75	327		
Octopus	76	186	126	238	121	247		
Total	3 258	45 477	4 409	43 586	2 224	43 721		
Fish								
Pilchards	2 5 3 5	2 074	2346	2684	773	1 005		
Bream	139	900	146	1 110	104	867		
Sea garfish	118	511	86	548	52	305		
Shark	42	142	51	239	53	281		
Snapper	59	438	50	430	49	356		
Eels	259	975	208	832	184	735		
Australian salmon	324	413	333	511	307	429		
King George whiting	101	1 127	126	1 344	226	1 542		
Other	2913	3 943	2795	5498	2798	5 082		
Total	6490	10 523	6 141	13 196	4 546	10602		
Total wildcaught	10442	73 375	11 149	71 879	7349	70 913		
Aquaculture a								
Mussels	140	500	600	1800	720	1800		
Yabbies	5	51	10	100	25	250		
Trout	1 400	5712	1878	11 585	1 690	10 000		
Oysters	5	18	0	0	0	0		
Eels	200	2 000	350	3 150	315	3 307		
Other	11	464	39	1 026	40	1 070		
Total	1761	8745	2877	17 661	2790	16 427		
Total production	12 203	82 120	14 026	89 540	10 139	87 340		

a Excludes hatchery production. p Preliminary. s Estimates.  $Sources: ABARE; \ Marine \ and \ Freshwater \ Resources \ Institute; \ Melbourne \ Wholesale \ Fish \ Market.$ 

# **Q**ueensland fisheries production

	19	94-95	19	95-96 р	1996-97 s		
	t	\$'000	t	\$'000	t	\$'000	
Crustaceans							
Prawns	7436	84922	8 804	100 158	8 270	96 322	
Crabs	4 3 6 5	19 643	4362	19 629	3774	18432	
Lobster (mainly bugs)	607	5 467	720	6 482	718	7 181	
Total	12 409	110 033	13886	126 270	12762	121 936	
Molluscs							
Scallops	5 8 6 0	30 295	6 0 5 0	31 276	3 036	24 289	
Squid	119	335	151	422	194	679	
Total	5 9 7 9	30 629	6200	31 698	3 2 3 0	24 968	
Fish							
Snapper	72	578	117	670	120	780	
Barramundi	520	2705	674	5 192	592	4739	
Bream (including tarwhine)	172	775	182	713	164	655	
Mullet	1904	5 <i>7</i> 11	1 938	5 407	1836	5968	
Tailor	188	376	121	182	173	259	
Whiting	2841	22 725	2549	15 169	2 194	10 969	
Coral trout	1 299	14 285	1 663	16011	1 697	16966	
Red throat emperor	467	1866	500	2 049	689	3 3 6 8	
Spanish mackerel	715	2862	672	4 033	785	4821	
Grey mackerel	207	1 182	287	1 508	372	1 676	
Other species	2680	7 641	3 0 5 5	9762	3 544	11 276	
Total	11 064	60 706	11758	60 696	12 166	61477	
Total wildcaught	29 452	201 368	31 845	218 664	28 159	208 381	
Aquaculture a							
Prawns	1 424	24 700	1 294	28 200	1 355	30 100	
Barramundi and other fish	235	2487	349	3 525	372	5300	
Oysters	197	486	264	519	264	519	
Other	60	10 825 <b>в</b>	55	10 <i>7</i> 50 <b>b</b>	0	11700 в	
Total	1915	38 497	1962	42 994	1 991	47 619	
Total production	31 367	239 865	33 807	261 658	30 150	256 000	

 $<sup>\</sup>label{eq:bounds} \textbf{a} \ \text{Excludes hatchery production.} \ \textbf{b} \ \text{Includes pearls, freshwater and aquarium fish.} \ \ \textbf{p} \ \text{Preliminary.} \ \textbf{s} \ \text{Estimates.} \\ \textit{Sources:} \ \text{ABARE; Queensland Department of Primary Industries.}$ 

## Western Australian fisheries production

		1994-95	1	1995-96 р	199	96-97 s
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	10886	304 690	9902	225 533	9 9 7 9	254 611
Prawns	3 989	47 793	3940	51 913	3 9 9 5	50 155
Crabs	499	2 2 2 4	447	1903	677	3 3 3 3 8
Other	14	90	25	316	18	217
Total	15 388	354 797	14314	279 665	14 669	308 321
Molluscs						
Abalone	299	10415	347	10698	323	10 606
Scallops	5 046	22 204	3604	20 542	1969	13 783
Mussels	243	603	71	208	152	450
Squid	378	2270	397	2186	44	304
Other a	174	12 925	214	13 574	232	13 423
Total	6140	48417	4633	47 208	2720	38 566
Fish						
Tuna	42	102	37	98	17	44
Shark	1693	5 <i>777</i>	1575	6830	1628	7100
Australian salmon	3747	1686	2687	1 559	2 5 6 5	1653
Snapper	2743	8 5 4 9	2937	8 487	2844	9 299
Cobbler	239	876	198	545	217	508
West Australian jewfish	172	1 547	185	1 663	196	1856
Spanish mackerel	471	3 0 6 2	502	2761	487	3894
Sea mullet	506	1 2 6 5	390	675	419	1026
Yelloweye mullet	171	180	161	73	169	86
Pilchards	10 285	6994	10 351	7 0 3 9	11 828	6 5 0 5
Australian herring	788	1 181	1 066	1 439	1 037	1331
Whiting	205	808	219	702	213	727
Other	5494	13 267	5 658	13727	5 0 9 6	12 693
Total	26 556	45 294	25 966	45 598	26716	46722
Total wildcaught	48 084	448 508	44 913	372 471	44 105	393 609
Aquaculture b						
Pearls	na	143 000	na	121 300	na	171 360
Yabbies	210	2 100	112	1 230	123	1350
Marron	17	555	19	720	21	792
Other	423	1358	424	1411	424	1411
Total	650	147 013	555	124 661	568	174 913
Total production	48 734	595 521	45 468	497 132	44 673	568 522

a Value includes pearl oyster shells taken, including those taken for 'mother of pearl'.
 b Excludes hatchery production.
 p Preliminary. s Estimates.
 Sources: ABARE; Western Australian Fisheries Department.

# 10 South Australian fisheries production

		1994-95		1995-96 р	19	1996-97 s		
	t	\$'000	t	\$'000	t	\$'000		
Crustaceans								
Prawns	2 0 5 9	24497	2 271	26 324	2 0 2 4	25 151		
Rock lobster	2611	74 043	2 587	68 399	2 5 2 8	71 379		
Other	674	2742	726	2948	566	2 587		
Total	5 344	101 282	5 584	97 671	5118	99 117		
Molluscs								
Abalone	851	22 766	902	22 474	903	25 184		
Pipi	351	292	454	382	345	264		
Squid	337	1 500	382	1814	356	1730		
Other	222	536	397	963	601	1 200		
Total	1761	25 094	2 135	25 633	2 205	28 378		
Fish a								
Australian salmon	769	1 144	487	708	552	665		
Mullet	113	158	71	116	86	148		
Australian herring	275	312	236	302	204	240		
Snapper	223	1 279	306	1 615	306	1 517		
King George whiting	615	5 597	534	5 011	586	4471		
Garfish	392	1 677	511	2 273	513	1785		
Oceanjackets	570	818	529	748	426	402		
Other species	3 3 7 9	3 257	4 288	4 503	4 045	4312		
Total	6336	14 242	6 9 6 2	15 276	6718	13 540		
Total wildcaught	13 441	140618	14 681	138 580	14 041	141 035		
Aquaculture b								
Yabbies and marron	14	184	23	316	15	226		
Oysters	855	3 535	976	3 9 5 0	1 359	5816		
Southern bluefin tuna	1927	37 995	2 0 1 3	39 924	2 089	40 200		
Other	327	2819	344	3 3 1 6	443	3 845		
Total	3 123	44 533	3 3 5 6	47 506	3 906	50 087		
Total production	16 564	185 151	18 037	186 086	17 947	191 122		

 $a \ \ \text{Excludes shark from the southern shark fishery.} \ \ b \ \ \text{Excludes hatchery production.} \ \ p \ \ \text{Preliminary.} \ \ s \ \ \text{Estimates.}$   $Sources: ABARE; South \ \ Australian \ \ Research \ \ and \ \ Development \ \ Institute.$ 

## Tasmanian fisheries production

		1994-95	1	1995-96 р	199	6-97 sc
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	1 387	41 427	1786	47894	1766	51784
Other	254	1 144	202	1510	77	1 458
Total	1 641	42 571	1988	49404	1843	53 242
Molluscs						
Abalone	2 299	59714	2 300	60 159	2 0 9 5	50 990
Total	2 299	59714	2300	60 159	2095	50 990
Fish a	16780	8 176	11 105	6054	2 081	6 533
Total	16780	8 176	11 105	6054	2081	6 533
Total wildcaught	20720	110461	15 393	115 617	6019	110765
Aquaculture b						
Salmon	7 2 8 5	55728	7 647	58 500	7647 с	58 500 c
Trout	na	na	0	0	0 c	0 c
Oysters	3 044	15 218	3 800	19 000	3800 с	19000 с
Other d	271	949	350	1 225	350 с	1225 c
Total	10 600	71 895	11 797	78 725	11 797	78 725
Total production	31 320	182 356	27 190	194 342	17816	189 490

a Excludes shark from the southern shark fishery; includes jack mackerel.
 b Excludes hatchery production.
 c Assumed to be unchanged from the previous year.
 d Includes mussels.
 p Preliminary.
 s Estimates.
 Sources: ABARE; Tasmanian Department of Primary Industry and Fisheries.

## 12 Northern Territory fisheries production

		1994-95		1995-96 р	19	996-97 a
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Crab	225	2 028	454	5 382	454	5 382
Other	10	99	0	0	0	0
Total	235	2 127	454	5 382	454	5 382
Molluscs						
Scallops	9	23	4	13	4	13
Squid	48	136	16	90	16	90
Pearls b	0	1 250	0	0	0	0
Other	92	195	116	700	116	700
Total	149	1 604	135	803	135	803
Fish						
Tuna	16	73	10	48	10	48
Shark	402	1487	712	1787	712	1787
Snapper	<i>77</i> 1	3 2 6 0	527	2805	527	2805
Barramundi	482	2 263	552	2956	552	2956
Threadfin salmon	203	270	194	373	194	373
Mackerel	339	966	495	1 462	495	1 462
Jewfish	45	101	66	183	66	183
Emperor	29	79	31	132	31	132
Cod	34	90	24	100	24	100
Other	204	402	295	1 198	295	1 198
Total	2 5 2 5	8 992	2906	11 043	2906	11 043
Total wildcaught	2909	12723	3496	17 228	3496	17 228
Aquaculture cd	na	46 215	na	45 000	na	45 000
Total production	2909	58 937	3496	62 228	3496	62 228

a Assumed to be unchanged from the previous year.
 b Production includes all pearl oyster taken, including those sold for 'mother-of-pearl'.
 c Includes pearls and aquarium production. These values are estimated derived for a limited number of operators.
 d Excludes hatchery production.
 p Preliminary.
 na Not available.
 Sources: ABARE; Northern Territory Department of Primary Industry and Fisheries.

# 13 Commonwealth fisheries production

	1	994-95	199	95-96 p	199	06-97 s
	t	\$'000	t	\$'000	t	\$'000
Northern prawn						
Prawn						
Tiger	3744	84 018	3 202	57 446	2 431	45 195
Banana	4 490	46 522	4 347	43 553	4 546	45 170
Endeavour	786	7 990	1 259	12 269	1 247	11 46
King	77	838	51	506	41	407
Other	na	na	2	9	14	155
Total	9 097	139 367	8 860	113 783	8 279	102 388
Other species	na	na	96	1 028	438	2768
Total	9 097	139 367	8 9 5 6	114812	8717	105 156
Torres strait						
Prawn						
Tiger	624	13 061	639	11 347	614	8 353
Endeavour	1 159	10998	916	8 953	978	7343
King	34	350	25	253	26	263
Other	4	30	3	30	5	38
Total	1821	24 439	1 584	20 583	1 624	15 997
Tropical rock lobster	182	5 500	201	6231	191	6 112
Spanish mackerel	70	500	85	595	48	336
Other	na	na	34	54	41	64
Pearls	na	400	na	400	na	400
Total	2073	30 839	1904	27 863	1903	22 909
South east – trawl	2073	30037	1701	27 000	1703	22 707
	6 E20	21 5/1	4 E1 E	16 256	2 120	11 203
Orange roughy	6528	21 541	4515	16 256	3 129	
Blue grenadier	3 239 1 584	7 549 2 629	2 680 1 922	6 988 3 325	2 851 2 301	7 387 3 799
Tiger flathead Redfish						
	1 028	1 080	1 284	1379	1 357	1 415
Blue warehou	667	1 211	844	1 353	777 2 860	1400
Silver warehou	1891	2375	2562	2814		2 983
School whiting	992	1 646	922	1 097	476	914
Jackass morwong	808	1 467	814	1530	1117	1721
Ling	1 021	2741	1397	4 127	1 569	4 897
Gemfish	260	915	260	900	339	1 068
Silver trevally	170	200	228	293	168	261
Mirror dory	292	551	348	607	420	723
Royal red prawn	192	620	329	1019	188	568
Ocean perch	255	629	316	829	349	906
John dory	122	656	119	731	118	617
Blue eye	53	241	91	415	80	373
Other	4744	8 022	4 177	6 273	4 580	8 504
Total	23 843	54 075	22 807	49 937	22 679	48 738
South east – non-trawl	a					
Fish	1700	2890	1 800	3 240	1 532	4 507
Total south east	25 543	56 965	24 607	53 177	24 211	53 245
Southern shark						
School and gummy	3 9 1 1	13 099	3878	15 459	3 672	14 640
Other shark	862	1 274	907	1 379	802	1 178

Continued

# 13 Commonwealth fisheries production (continued)

		1994-95		1	995-96 р		1	199	6-97 s
	t	\$'000		t	\$'000		t		\$'000
Great Australian Bight									
Orange roughy	27	88		357	1 057		347		986
King flathead	1 273	1820		1577	2392		1 440		2502
Bight redfish	164	256		177	380		317		406
Leather jacket	55	118		113	152		117		262
Angel shark	98	224		102	152		121		205
Boarfish	40	119		73	213		119		226
Jackass morwong	53	99		40	54		60		81
Squid	79	120		57	115		91		147
Knifejaw	34	26		35	32		51		45
Gemfish	22	80		5	15		35		99
Other	110	273		164	410		204		552
Total	1 955	3 2 2 4		2699	4972		2 9 0 1		5512
East coast – longline and mino	r line								
Yellowfin	879	7891		1344	12 069		1 678		15065
Skipjack	13	14		23	24		19		40
Albacore	372	1 231		478	1580		314		718
Bigeye	130	1 251		198	1910		555		4225
Billfish	na	0		199	1 260		1 072		5900
Other	315	1 563		210	450		192		423
Total	1709	11 950		2452	17 294		3 829		26372
East coast – purse seine and po	le								
Yellowfin	9	77		82	738		50		358
Skipjack	1 240	1 240		2744	2744		4785		8 0 5 1
Other	187	299		79	126		54		99
Total	1 436	1616		2905	3608		4889		8 5 0 8
Total east coast	3 145	13 566		5 3 5 7	20 902		8718		34880
Southern bluefin tuna									
Domestic	2867	22 506		4664	32 996		5769		40 352
Joint venture	1684	46010		474	12 951		0		0
RTMP b	650	17 759		0	0		0		0
Other tuna	na	na		217	499		167		437
Total	5 2 0 1	86 275		5 3 5 5	46 446		5 936		40789
Western tuna	na	na		197	1694		228		1885
Bass Strait scallop	na	na		3 605	14 034		3 491		14010
Other fisheries	5784	c 14 540	c	4879 d	17 075	d	4380	d	16402
Total production	57 570	359 149		62342	317 812		64 959		310 605

a Incomplete data. b Real Time Monitoring Program. c Includes western deepwater, Bass Strait Central Zone scallop and southern squid fisheries. d Includes western deepwater, southern squid fisheries, Jack Mackerel, Macquarie Island, Heard and McDonald Islands, Coral Sea, Cocos and Christmas Islands and King crab fisheries. p Preliminary. s Estimates. na Not available.

Sources: Australian Fisheries Management Authority; ABARE .

## 14

## Australian aquaculture production in 1994-95, by state a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish	0	0	0	0	0	FF 700		FF 700
Salmon Trout	1564	0 5 <i>7</i> 12	0	0 395	0 473	55 728	na	55 728 8 144
Tuna	0	0	0	0	37 995	na 0	na na	37 995
Other b	414	2 107	2 487	0	2346	0	na	7349
Total	1978	7819	2487	395	40 814	55 728	na	109 216
Crustaceans								
Prawn	3736	0	24700	0	0	0	na	28 412
Yabbies	511	51	0	2 100	100	0	na	2762
Marron	7	0	0	555	84	0	na	646
Other c	44	357	825	0	0	0	na	1 226
Total	4 298	408	25 525	2 655	184	0	na	33 046
Molluscs								
Edible oysters	28 388	18	486	0	3 535	15 218	na	47 644
Pearl oysters	0	0	10 000	143 000	0	0	na	153 000
Other d	162	500	0	963	0	949	na	2573
Total	28 549	517	10486	143 963	3 535	16 167	na	203 217
Total value	34 825	8745	38 497	147 013	44 533	71 895	46215	391 694 e
Quantity	t	t	t	t	t	t	t	t
Fish								
Salmon	0	0	0	0	0	7 285	na	7 285
Trout	278	1 400	0	36	65	na	na	1 <i>7</i> 79
Tuna	0	0	0	0	1 927	0	na	1 927
Other b	38	208	235	0	262	0	na	742
Total	316	1 608	235	36	2 254	7 285	na	11733
Crustaceans								
Prawn	248	0	1 424	0	0	0	na	1673
Yabbies	32	5	0	210	10	0	na	257
Marron	0	0	0	17	4	0	na	22
Other c	3	4	60	0	0	0	na	66
Total	284	9	1 483	227	14	0	na	2018
Molluscs		_						
Edible oysters	5 3 2 6	5	197	0	855	3 044	na	9 426
Pearl oysters	0	0	na	na	0	0	na	0
Other d	34	140	0	387	0	271	na	832
Total	5 360	145	197	387	855	3 3 1 5	na	10 258
Total quantity	5 959	1761	1 915	650	3 123	10600	na	24 009

a Excludes aquarium fish, hatchery production, crocodiles, microalgae and aquarium worms. b Includes eels and other native fish. c Includes crabs and brine shrimp. d Includes mussels, scallops and giant clams. e Northern Territory aquaculture has been aggregated for reasons of confidentiality. Total only sums across. na Not available. Sources: ABARE; Bribie Island Aquaculture Research Centre; Marine and Freshwater Resources Institute; New South Wales Department of Agriculture and Fisheries; Northern Territory Department of Primary Industries and Fisheries; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industry and Fisheries; Western Australian Fisheries Department.

# $15^{\mathrm{Australian}}$ Australian aquaculture production 1995-96, by state p

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmon	0	0	0	0	0	58 500	na	58 500
Trout	2 144	11 585	0	455	158	0	na	14342
Tuna	0	0	0	0	39 924	0	na	39 924
Other b	366	3 150	3 5 2 5	0	3 158	0	na	10 199
Total	2510	14735	3 525	455	43 240	58 500	na	122 965
Crustaceans								
Prawn	4820	0	28 200	0	0	0	na	33 020
Yabbies	409	100	0	1 230	175	0	na	1914
Marron	3	0	0	720	141	0	na	864
Other c	17	1 026	750	0	0	0	na	1793
Total	5 249	1 126	28 950	1 950	316	0	na	37 591
Molluscs								
Edible oysters	28 073	0	519	0	3 950	19 000	na	51 542
Pearl oysters	0	0	10 000	121 300	0	0	na	131 300
Other d	210	1800	0	956	0	1 225	na	4 191
Total	28 283	1800	10 519	122 256	3 9 5 0	20 225	na	187 033
Total value	36 041	17 661	42 994	124 661	47 506	78 725	45 000	392 588 e
<i>Quantity</i> Fish	t	t	t	t	t	t	t	t
Salmon	0	0	0	0	0	7 647	na	7 647
Trout	393	1878	0	41	21	0	na	2333
Tuna	0	0	0	0	2013	0	na	2013
Other b	36	350	349	0	323	0	na	1 058
Total	429	2 228	349	41	2357	7 647	na	13 051
Crustaceans								
Prawn	271	0	1 294	0	0	0	na	1 565
Yabbies	34	10	0	112	17	0	na	173
Marron	0	0	0	19	6	0	na	25
Other c	1	39	55	0	0	0	na	95
Total	306	49	1 349	131	23	0	na	1858
Molluscs								
Edible oysters	5 021	0	264	0	976	3 800	na	10 061
Pearl oysters	0	0	na	na	0	0	na	0
Other d	42	600	0	383	0	350	na	1 375
Total	5 063	600	264	383	976	4 150	na	11 436
Total quantity	5798	2877	1962	555	3 3 5 6	11 797	na	26 345

a Excludes aquarium fish, hatchery production, crocodiles, microalgae and aquarium worms.
 b Includes eels and other native fish. c Includes crabs and brine shrimp.
 d Includes mussels, scallops and giant clams.
 e Northern Territory aquaculture has been aggregated for reasons of confidentiality. Total only sums across.
 na Not available.
 Sources: ABARE; Bribie Island Aquaculture Research Centre; Marine and Freshwater Resources Institute; New South Wales Department of Agriculture and Fisheries; Northern Territory Department of Primary Industries and Fisheries; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industry and Fisheries; Western Australian Fisheries Department.

## 16

## Australian aquaculture production in 1996-97, by state as

	NSW b	Vic.	Qld	WA	SA	Tas. b	NT b	Aust.
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish								
Salmon	0	0	0	0	0	58 500	na	58 500
Trout	2144	10 000	0	455	191	0	na	12790
Tuna	0	0	0	0	40 200	0	na	40200
Other c	366	3 307	5 300	0	3 654	0	na	12 627
Total	2510	13 307	5300	455	44045	58 500	na	124 117
Crustaceans								
Prawn	4820	0	30 100	0	0	0	na	34 920
Yabbies	409	250	0	1 350	110	0	na	2119
Marron	3	0	0	792	116	0	na	911
Other d	17	1070	0	0	0	0	na	1 087
Total	5 2 4 9	1320	30 100	2142	226	0	na	39 037
Molluscs								
Edible oysters	28 073	0	519	0	5816	19 000	na	53 408
Pearl oysters	0	0	11700	171 360	0	0	na	183 060
Other e	210	1800	0	956	0	1 225	na	4 191
Total	28 283	1800	12 219	172 316	5816	20 225	na	240 659
Total value	36 041	16 427	47 619	174 913	50 087	78 725	45 000	448 812 f
Quantity Fish	t	t	t	t	t	t	t	t
Salmon	0	0	0	0	0	7647	na	7647
Trout	393	1690	0	41	25	0	na	2149
Tuna	0	0	0	0	2089	0	na	2089
Other c	36	315	372	0	418	0	na	1 141
Total	429	2005	372	41	2532	7 647	na	13 026
Crustaceans								
Prawn	271	0	1355	0	0	0	na	1626
Yabbies	34	25	0	123	10	0	na	192
Marron	0	0	0	21	5	0	na	26
Other d	1	40	0	0	0	0	na	41
Total	306	65	1355	144	15	0	na	1885
Molluscs								
Edible oysters	5 0 2 1	0	264	0	1359	3800	na	10444
Pearl oysters	0	0	na	na	0	0	na	0
Other e	42	720	0	383	0	350	na	1 495
Total	5 063	720	264	383	1359	4 150	na	11 939
Total quantity	5798	2790	1991	568	3 906	11797	na	26 850

a Excludes aquarium fish, hatchery production, crocodiles, microalgae and aquarium worms.
 b Assumed to be unchanged from previous year.
 c Includes eels and other native fish.
 d Includes crabs and brine shrimp.
 e Includes mussels, scallops and giant clams.
 f Northern Territory aquaculture has been aggregated for reasons of confidentiality. Total only sums across.
 s Estimates.
 na Not available.

Sources: ABARE; Bribie Island Aquaculture Research Centre; Marine and Freshwater Resources Institute; New South Wales Department of Agriculture and Fisheries; Northern Territory Department of Primary Industries and Fisheries; Queensland Department of Primary Industries; South Australian Research and Development Institute; Tasmanian Department of Primary Industry and Fisheries; Western Australian Fisheries Department.

# $\overline{17}$ Australian exports of fisheries products

	•	1994-95		1995-96	19	996-97 p
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live	na	9 033	na	15 655	na	14 657
Fresh, chilled or frozen Whole						
Tuna a	1856	20 478	2747	39 303	3406	44 757
Other	8 2 5 1	46 336	8313	53 602	8367	55 050
Fillets	3 4 0 4	25 237	2671	16 233	2 421	18 636
Canned	150	1426	419	2 0 5 6	428	2472
Dried, salted and smoked	192	6258	156	7369	340	10197
Other fish products	2898	33 440	2986	32 790	3 9 5 7	36 633
Total fish <b>b</b>	16751	142 209	17 293	167 028	18 921	182 402
Crustaceans and molluscs						
Rock lobster	12 399	474701	12 294	417 625	12 479	453 326
Prawns	11 310	231 141	13 074	223 042	10890	183 744
Abalone	2915	168 242	2969	146676	2939	169 542
Scallops	2910	72 117	2748	67 111	1325	36 570
Oysters	56	607	19	349	22	296
Other	5 502	53 352	6325	91 213	4888	58 410
Total	35 213	1000691	37737	946 356	32704	902 933
Total edible b	51 964	1142900	55 030	1 113 384	51 625	1085335
Non-edible						
Marine fats and oils	na	1747	na	1583	na	2 2 2 2 4
Fish meal	na	1605	na	3 694	na	4 5 4 3
Pearls	na	210 635	na	195 899	na	191 754
Ornamental fish	na	1392	na	2685	na	5 281
Other non-edible	na	8 6 4 9	na	10754	na	15 535
Total non-edible	na	224 028	na	214 614	na	219 336
Total fisheries products	na	1 366 928	na	1 327 998	na	1 304 671

a Exports of tuna landed in Australia. Tuna transhipped at sea or captured under joint venture or bilateral agreements are not included.
 b Excludes live tonnage but includes live value.
 p Preliminary.
 na Not available.
 Source: Australian Bureau of Statistics.

# 18 Australian exports of fish

	19	994-95	1	995-96	19	996-97 р
	t	\$'000	t	\$'000	t	\$'000
Tuna a						
Whole						
Fresh or chilled	1 599	19 601	2601	38 341	3 033	42 371
Frozen	257	877	146	962	373	2387
Canned	36	195	96	496	123	778
Other b	1510	20 021	1709	15 865	2 2 2 1	21 657
Total	3 402	40694	4 553	55 664	5 <i>7</i> 50	67 192
Salmon						
Fresh or chilled	2 282	23 072	2545	24 666	2 2 3 8	19821
Frozen	194	2 2 3 8	266	3379	116	2112
Smoked	44	1 221	43	1 144	65	1 460
Total	2 5 2 0	26 531	2853	29 188	2686	24 662
Other fish						
Live	na	9 033	na	15 655	na	14657
Whole						
Fresh or chilled	492	3 352	848	7320	1335	9 980
Frozen						
Whiting	2 154	4194	2379	4360	1756	3 346
Other	3 129	13 480	2 2 7 6	13 878	2656	18 521
Fillets						
Fresh or chilled	496	4 694	258	3 2 3 4	509	4988
Frozen	2908	20 543	2413	13 000	1913	13 648
Other (fresh, chilled or frozen)	706	9 579	466	11 571	603	7 9 9 6
Canned	115	1 231	329	1579	305	1 694
Dried, salted and smoked Other	149 681	5 037 3 840	114 811	6 226 5 354	275 1 133	8737
						6 980
Total c	10829	74 984	9 893	82 176	10485	90 547
Total fish c	16751	142 209	17 293	167 028	18921	182 402

a Exports of tuna landed in Australia. Tuna transhipped at sea or captured under joint venture or bilateral agreements are not included. b Includes some fresh, chilled or frozen tuna not reported under whole fresh, chilled or frozen export codes by the Australian Bureau of Statistics. c Excludes live tonnage but includes live value. p Preliminary. na Not available. Source: Australian Bureau of Statistics.

# 19 Australian exports of crustaceans and molluscs

	1994-95		1995-96		1996-97 р	
	t	\$'000	t	\$'000	t	\$'000
Rock lobster						
Whole						
Live, fresh or chilled	6511	246 733	6837	241 324	7 128	267 229
Frozen	4408	156 642	3 831	116780	3 923	124771
Cooked	129	4 166	160	4723	221	6917
Tails (fresh, chilled or frozen)	991	59829	1 324	50418	1 120	53 929
Other	360	7 3 3 1	142	4380	87	480
Total	12399	474701	12 294	417 625	12479	453 326
Prawns						
Headless	2 3 3 1	50496	2544	47 201	1801	33 237
Whole	8 822	178 828	10 212	171 059	8 891	147 361
Other	194	2348	345	5 122	283	4 191
Total	11 310	231 141	13 074	223 042	10890	183 744
Abalone						
Fresh, chilled or frozen	1 119	62 357	1 299	61 922	1 428	75 245
Canned	1797	105 885	1670	84753	1511	94 297
Total	2915	168 242	2969	146676	2939	169 542
Scallops						
Fresh, chilled or frozen	2789	68 955	2662	64759	1273	35 196
Other	121	3 159	86	2 3 5 3	52	1373
Total	2910	72 117	2748	67 111	1 325	36 570
Other	5 679	54 491	6 653	91 902	5 071	59 752
Total crustaceans and molluscs	35 213	1000 691	37737	946 356	32704	902 933

**p** Preliminary.

Source: Australian Bureau of Statistics.

# $20^{ m \, Australian \, exports \, of \, edible \, fish, \, by \, destination}$

		1994-95		1995-96		1996-97 р
	t	\$'000	t	\$'000	t	\$'000
Tuna a						
Fresh or chilled (whole)						
Japan	1 513	19 162	2 5 2 4	37 892	2912	41 375
Singapore	0	0	1	11	1	25
United States	51	332	39	189	72	662
Other	35	106	38	249	48	309
Total	1 599	19601	2 601	38 341	3 033	42 371
Frozen (whole)						
Japan	98	536	131	896	308	2 131
Samoa	30	61	0	0	49	171
Other	129	280	15	66	16	85
Total	257	877	146	962	373	2 387
Salmon						
Fresh or chilled (whole)						
HongKong	78	840	44	450	8	100
Japan	1806	19 649	2 037	21 724	1798	17 135
South Korea	21	195	18	163	12	245
Taiwan	154	1 203	147	1 060	12	85
United States	61	559	27	244 1 025	81	374
Other	161	626	271		327	1882
Total	2 282	23 072	2 5 4 5	24 666	2 238	19821
Frozen (whole)	17	101	22	220	_	104
HongKong	17 46	181 514	23 38	320 661	5 50	134 908
Japan South Korea	9	263	8	160	28	671
Taiwan	71	901	118	1659	0	0/1
Other	50	379	79	578	32	399
Total	194	2 238	266	3 379	116	2112
Whiting						
Frozen (whole)						
HongKong	210	327	142	248	83	156
Japan	334	756	295	711	179	421
Taiwan	147	264	83	153	16	38
Thailand	1 381	2703	1 464	2598	1315	2 4 1 2
Other	82	145	394	650	163	319
Total	2 154	4 194	2379	4360	1756	3 346
Frozen (meat)						
Japan	15	33	1	31	13	26
Singapore	0	0	0	0	0	0
Switzerland	4	53	1	6	0	0
Taiwan	0	0	0	0	0	1
Thailand	73	169	0	0	104	243
Other	0	4	42	72	0	0
Total	92	259	43	109	117	271

Continued

## Australian exports of edible fish, by destination (continued)

	1994-95			1995-96	1996-97 р		
	t	\$'000	t	\$'000	t	\$'000	
Other fish							
Fresh or chilled (whole)							
HongKong	34	301	32	410	14	167	
Japan	182	1 109	482	4 293	654	4900	
Singapore	30	184	14	59	20	118	
Taiwan	150	749	163	1 334	172	1488	
Other	59	492	105	742	469	3 2 2 0	
Total	455	2836	796	6 838	1 329	9893	
Fresh or chilled (fillets)							
HongKong	6	58	6	101	21	209	
Japan	275	2726	39	571	288	2537	
United States	102	1 000	70	859	94	1 267	
Other	113	910	143	1702	106	976	
Total	496	4694	258	3 2 3 4	509	4988	
Frozen (whole)							
Germany	196	1 909	191	2 007	252	2 590	
New Zealand	93	256	33	59	13	34	
United States	17	52	97	593	275	1 792	
Other	2720	10 013	1822	9 332	1890	11 277	
Total	3 026	12 231	2 142	11 991	2 4 3 0	15694	
Frozen (fillets)							
HongKong	335	1 065	259	974	255	1 331	
Japan	271	1 604	288	1 492	308	2 2 9 5	
Taiwan	254	1769	22	368	100	903	
United States	996	12824	492	6 289	580	6304	
Other	1 053	3 280	1 353	3 877	669	2815	
Total	2908	20 543	2 4 1 3	13 000	1913	13 648	
Canned							
Tuna							
Japan	0	0	0	0	1	11	
New Zealand	26	136	53	324	99	620	
Singapore	3	26	4	28	9	67	
Other	6	32	39	144	12	80	
Total	36	195	96	496	123	778	
Salmon							
Canada	1	6	0	0	25	361	
New Zealand	0	0	3	22	1	6	
Singapore	7	68	7	75	4	69	
Other	4	45	2	24	5	42	
Total	12	120	12	120	35	478	
Other fish							
New Zealand	9	120	99	487	133	490	
Singapore	12	164	12	119	7	104	
South Africa	0	0	13	37	0	0	
Other	94	947	205	937	165	1 100	
Total	115	1 231	329	1 579	305	1 694	

**a** Exports of tuna landed in Australia. Tuna transhipped at sea or captured under joint venture or bilateral agreements are not included. **p** Preliminary. *Source:* Australian Bureau of Statistics.

# 21 Australian exports of crustaceans, by destination

	1994-95			1995-96		1996-97 р	
	t	\$'000	t	\$'000	t	\$'000	
Rock lobster							
Whole							
Live, fresh or chilled							
HongKong	2436	92832	2791	102 997	2636	101 491	
Japan	1 664	68 643	1572	55 453	1377	51 319	
Singapore	90	3 278	64	2 475	<i>7</i> 5	2 923	
Taiwan	2 152	76 447	2 105	69 323	2 163	78 144	
United States	24	1384	14	550	20	710	
Other	145	4 149	290	10526	858	32 641	
Total	6511	246 733	6837	241 324	7128	267 229	
Frozen							
HongKong	26	888	52	1 647	143	4 3 5 9	
Japan	992	37 216	1780	58 206	1782	58 310	
Singapore	59	1 957	44	1 251	31	844	
Taiwan	929	31 773	1860	52 194	1880	57 921	
United States	38	1 622	76	3 041	39	1 955	
Other	2364	83 186	19	441	48	1 383	
Total	4 408	156 642	3 831	116780	3923	124 771	
Cooked							
Japan	45	1 448	80	2 5 0 5	144	4748	
Singapore	0	1	3	103	0	3	
Taiwan	66	2 179	57	1 509	65	1789	
Other	18	538	20	606	12	376	
Total	129	4 166	160	4723	221	6917	
Tails							
Fresh, chilled or frozen							
HongKong	20	1 157	34	1 263	31	1 358	
Japan	52	3 115	492	17898	303	11 167	
Singapore	0	4	13	397	6	235	
Taiwan	2	77	215	5719	102	2 924	
United States	524	32 155	539	24 139	668	37 647	
Other	393	23 321	30	1 002	10	598	
Total	991	59 829	1324	50 418	1 120	53 929	
Other							
Japan	203	1 374	10	86	86	453	
Taiwan	19	634	24	905	0	0	
United States	133	5222	65	1882	0	0	
Other	4	101	44	1507	1	27	
Total	360	7331	142	4380	87	480	
Total rock lobster	12 399	474 701	12 294	417 625	12 479	453 326	

Continued

# $\overline{21}$ Australian exports of crustaceans, by destination (continued)

	1994-95		1	995-96	<b>1996-97</b>	
	t	\$'000	t	\$'000	t	\$'000
Prawns						
Headless						
HongKong	126	1 583	234	2913	214	2636
Japan	1789	42 741	1996	39 833	1310	27 097
Spain	158	1 663	90	1 155	78	772
Other	258	4 509	224	3 300	199	2732
Total	2 3 3 1	50 496	2 5 4 4	47 201	1801	33 237
Whole						
HongKong	713	10314	1 389	19 072	1 117	15 064
Italy	13	121	33	431	8	84
Japan	5 262	129 943	5 5 2 6	111 371	4611	93 755
Spain	702	8 409	834	10 086	454	5 125
Taiwan	362	6 873	69	1 245	142	2610
United States	23	1 145	1	14	9	197
Other	1747	22 022	2 3 5 9	28 842	2550	30 526
Total	8 822	178 828	10 212	171 059	8 891	147 361
Other						
Japan	56	601	144	2 094	69	847
Singapore	8	99	16	284	24	328
Sweden	0	0	0	0	0	0
Other	130	1 647	185	2744	190	3 0 1 5
Total	194	2348	345	5 122	283	4 191
Total prawns	11310	231 141	13 074	223 042	10890	183 744

**p** Preliminary.

Source: Australian Bureau of Statistics.

# 22 Australian exports of molluscs, by destination

	1994-95		1	1995-96		1996-97 р	
	t	\$'000	t	\$'000	t	\$'000	
Abalone							
Fresh, chilled or frozen							
HongKong	178	15 655	274	19 426	371	26 082	
Japan	<i>7</i> 99	39 924	883	36 346	809	37 614	
Singapore	11	792	29	1725	58	3 553	
Taiwan	101	5 0 5 8	85	3 0 1 7	165	6472	
United States	16	189	12	835	8	474	
Other	13	739	16	573	16	1 050	
Total	1119	62 357	1 299	61 922	1428	75 245	
Canned							
HongKong	314	18 325	216	11 613	408	25 772	
Japan	619	38 869	536	28 585	416	26 113	
Singapore	211	12 520	225	11 175	193	12 021	
Taiwan	597	32 633	632	30 305	440	27 045	
United States	36	2 2 3 6	36	1881	34	2160	
Other	22	1 301	24	1 195	20	1 186	
Total	1797	105 885	1670	84753	1511	94 297	
Scallops							
Fresh, chilled or frozen							
HongKong	1 569	42 036	1 246	33 513	726	22 605	
Singapore	419	10346	356	9 009	188	5514	
Other	801	16 574	1 059	22 236	358	7 0 7 8	
Total	2789	68 955	2662	64759	1273	35 196	

**p** Preliminary.

Source: Australian Bureau of Statistics.

## Australian exports fisheries products, by destination

		1994-95		1995-96	19	996-97 p
	t	\$'000	t	\$'000	t	\$'000
Edible (excluding live)						
China	429	6 102	1 553	20 580	2815	53 179
France	635	12949	682	13 347	221	3 468
Germany	267	2 6 2 5	270	2837	325	3 656
HongKong	7 643	200 456	8 422	224 010	7 838	225 698
Italy	38	371	59	895	70	973
Japan	18832	445 358	22 013	464 262	20798	422 654
New Zealand	853	5 589	735	5 203	859	6074
Saudi Arabia	353	420	118	143	234	251
Singapore	1740	39711	2 0 0 5	43 314	1 463	36744
South Africa	123	483	506	6791	260	2300
South Korea	480	6831	650	6991	768	7915
Spain	900	10345	948	11 463	562	6 125
Taiwan	8 821	200 586	9378	216 851	8 4 6 0	215 024
Thailand	2879	9 992	2 921	9829	1913	6 155
United States	2 187	61 114	1614	43 463	2391	58 303
Other	5703	130 937	2880	27 750	2 571	22 160
Total	51 880	1 133 867	54 753	1 097 729	51 548	1 070 677
Non-edible						
China	na	195	na	411	na	84
France	na	45	na	81	na	423
Germany	na	1 640	na	2786	na	3 860
HongKong	na	68 943	na	10 192	na	10705
Italy	na	376	na	621	na	135
Japan	na	110 981	na	26 665	na	24 040
New Zealand	na	2 583	na	5 458	na	5 803
Singapore	na	900	na	2388	na	3 2 2 6
South Korea	na	3 2 3 0	na	5724	na	1 951
Switzerland	na	7 435	na	7828	na	8 286
Spain	na	3812	na	3 286	na	3 553
Taiwan	na	2772	na	2 284	na	1840
Thailand	na	3 450	na	3 633	na	1668
United States	na	13 373	na	20 393	na	17 679
Other	na	4 294	na	122 865	na	136 083
Total	na	224 028	na	214 614	na	219 336
Total exports	na	1 357 895	na	1 312 343	na	1 290 014

**p** Preliminary. **na** Not available. *Source*: Australian Bureau of Statistics.

# 24 Australian exports of seafood to selected countries, by product a

		1994-95	1	1995-96	199	6-97 p
	t	\$'000	t	\$'000	t	\$'000
HongKong						
Dried, salted or smoked fish	66	3 480	75	5 103	198	6 9 5 4
Other fish	1 535	5 444	1 082	4 696	840	4 5 3 9
Rock lobster	2484	94 987	2918	107 436	2819	107 505
Prawns	871	12 333	1 643	22 285	1 357	18 020
Abalone	491	33 980	490	31 039	779	51 854
Scallops	1 621	43 587	1 279	34 398	760	23 631
Other	575	6 645	935	19 052	1 084	13 195
Total	7 643	200 456	8 422	224 010	7838	225 698
Japan						
Tuna (whole)	1611	19 698	2 655	38 788	3 220	43 506
Fillets	546	4331	327	2 0 6 3	596	4831
Dried, salted or smoked fish	9	307	10	286	6	205
Other fish	4512	47 315	4854	47 387	3 5 5 4	33 946
Rock lobster	2957	111 797	3 9 3 4	134 148	3 6 9 1	125 997
Prawns	7 108	173 286	7 6 6 6	153 298	5 990	121 699
Abalone	1418	78 793	1 420	64 931	1 225	63 727
Scallops	1	25	30	689	17	317
Other	671	9808	1 119	22 670	2498	28 425
Total	18 832	445 358	22 013	464 262	20798	422 654
Singapore						
Tuna (whole)	0	0	1	11	1	25
Fillets	52	386	82	924	54	622
Dried, salted or smoked fish	59	1 548	24	847	26	1 560
Canned fish	15	190	16	147	16	171
Other fish	448	2850	660	4013	333	1982
Rock lobster	150	5 244	126	4 293	112	4005
Prawns	60	893	44	702	48	745
Abalone	222	13 313	254	12900	250	15 574
Scallops	444	10865	369	9 389	189	5 540
Other	290	4 422	429	10 087	434	6 5 2 0
Total	1740	39711	2 0 0 5	43 314	1 463	36744

Continued

# 24 Australian exports of seafood to selected countries, by product a (continued)

		1994-95		1995-96	19	96-97 p
	t	\$'000	t	\$'000	t	\$'000
Taiwan						
Fish	1 428	16 035	1 045	17 179	725	10 084
Rock lobster	3 1 6 8	111 110	4 2 6 2	129 651	4210	140 778
Prawns	443	8 8 1 8	173	3 130	266	5 091
Abalone	698	37 690	717	33 323	605	33 517
Scallops	29	341	64	871	23	292
Other	3 055	26 591	3 117	32 698	2630	25 261
Total	8 821	200 586	9378	216 851	8 460	215 024
United States						
Fillets	1 098	13824	562	7 148	674	7 571
Canned fish	0	0	0	0	16	162
Other fish	225	1388	224	1 589	744	4 973
Rock lobster	720	40 383	694	29 611	727	40312
Prawns	23	1 151	5	138	15	285
Abalone	51	2 425	48	2715	43	2634
Scallops	19	346	8	221	0	3
Other	50	1596	72	2 040	173	2361
Total	2 187	61 114	1614	43 463	2391	58 303

**a** Excludes live. **p** Preliminary. *Source:* Australian Bureau of Statistics.

### 25

### Australian seafood exports in 1994-95, by state ab

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. c
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish d								
Live	2 0 2 9	993	5 627	35	0	350	0	9 033
Fresh, chilled or frozen								
Whole	6415	4731	13 120	1 185	14738	25 656	61	66814
Fillets	1638	1871	6 589	262	504	13 598	0	25 237
Other	2 283	2 2 9 5	10564	1833	20 666	1770	733	41 124
Total fish	12364	9890	35 901	3 3 1 5	35 908	41 374	794	142 209
Crustaceans and molluscs								
Canned	127	752	5	0	1084	582	0	3 107
Rock lobster	6 5 2 6	43 112	13 269	329 045	65 843	16703	0	474 701
Prawns	693	252	123 965	39 835	62 406	251	623	231 141
Abalone	8 5 1 8	62 192	223	6393	25 247	65 661	0	168 242
Scallops	366	11 657	34 806	24 229	80	493	103	72 117
Oysters	110	12	42	7	0	183	196	607
Other	1886	9 947	29 492	5708	1895	2 647	478	53 352
Total	18 100	127 171	201 796	405218	155 471	85 938	1 400	1000 691
Total value	30 464	137 061	237 697	408 533	191 379	127 312	2 194	1 142 900
Quantity	t	t	t	t	t	t	t	t
Fish d								
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	1331	1 307	3 353	418	967	2414	10	10 106
Fillets	322	254	1 494	40	56	1 121	0	3 404
Other	289	249	648	257	1536	169	14	3 240
Total fish	1 941	1809	5 495	714	2 5 5 9	3704	24	16751
Crustaceans and molluscs								
Canned	2	43	3	0	20	14	0	120
Rock lobster	145	1 089	276	8776	1675	430	0	12399
Prawns	57	13	6 247	2017	2691	25	58	11 310
Abalone	206	1 127	9	69	391	1114	0	2915
Scallops	15	582	1318	948	4	24	4	2910
Oysters	10	1	3	1	0	30	2	56
Other	383	419	3762	365	67	76	28	5 502
Total	813	2674	11 615	12 167	4 644	832	92	35 213
Total quantity	2753	4484	17 111	12881	7 203	4536	116	51 964

a State totals include Commonwealth fisheries exports. b Exports are identified according to state or territory exported from, not state or territory in which the product was landed. c Includes Australian Capital Territory. d Tuna transhipped at sea or captured under joint venture or bilateral agreements are not included. na Not available.

Source: Australian Bureau of Statistics.

## 26 Australian seafood exports in 1995-96, by state ab

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. c
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish d								
Live	2 033	1 423	12 039	20	0	141	0	15 655
Fresh, chilled or frozen								
Whole	9 377	4887	19608	2 2 0 5	31 535	24573	214	92 905
Fillets	2 034	3 195	4 973	409	890	4114	2	16 233
Other	8738	2507	8 472	2 299	16727	1 345	969	42 235
Total fish	22 182	12 011	45 093	4 933	49 152	30 173	1 185	167 028
Crustaceans and molluscs								
Canned	180	12454	14	29	2 0 3 8	12	0	15 205
Rock lobster	5326	42 443	11534	281 946	56 806	19 091	0	417 625
Prawns	916	1490	117 946	36 030	64532	0	314	223 042
Abalone	13 220	58 655	202	8 103	15824	50370	0	146 676
Scallops	634	13 989	30 974	20 099	403	823	0	67 111
Oysters	76	17	7	12	0	116	120	349
Other	2724	21 955	36 633	13 347	9 909	3 3 1 5	1 382	91 213
Total	22 895	138 549	197 295	359 537	147474	73716	1817	946 356
Total value	45 077	150 560	242 387	364 470	196 627	103 888	3 0 0 1	1 113 384
Quantity Fish d	t	t	t	t	t	t	t	t
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	1679	1 145	3 503	563	1754	2 207	53	11 061
Fillets	362	270	1418	59	91	329	0	2 671
Other	644	376	236	283	1766	63	21	3 5 6 2
Total fish	2 685	1791	5 157	906	3 6 1 1	2598	74	17 293
Crustaceans and molluscs								
Canned	21	216	1	1	46	0	0	310
Rock lobster	138	1 113	319	8 696	1506	503	0	12294
Prawns	43	93	7 048	2 146	3 580	0	23	13074
Abalone	331	1 231	7	116	267	1011	0	2969
Scallops	32	678	1 202	754	24	35	0	2748
Oysters	6	1	1	1	0	10	1	19
Other	274	759	3 866	674	258	80	151	6325
Total	825	3 347	12 443	12344	5 5 1 0	837	174	37 737
<b>Total quantity</b>	3 509	5 138	17600	13 250	9 121	3 435	249	55 030

a State totals include Commonwealth fisheries exports.
 b Exports are identified according to state or territory exported from, not state or territory in which the product was landed.
 c Includes Australian Capital Territory.
 d Tuna transhipped at sea or captured under joint venture or bilateral agreements are not included.
 na Not available.

Source: Australian Bureau of Statistics.

### 27 Australian seafood exports in 1996-97, by state $_{ m ap}$

	NSW	Vic.	Qld	WA	SA	Tas.	NT	Aust. c
Value	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Fish d								
Live	1374	512	12737	16	0	19	0	14657
Fresh, chilled or frozen								
Whole	11 351	4 221	25 425	2321	34 490	21 064	371	99 807
Fillets	2572	2591	4 385	424	2978	5 298	15	18 636
Other	6946	3 0 1 2	10 114	3 2 6 8	21 223	2 093	882	49 302
Total fish	22 243	10337	52 661	6 028	58 690	28 473	1 268	182 402
Crustaceans and molluscs								
Canned	39	4453	16	219	3 506	59	0	8 4 9 3
Rock lobster	9 895	54494	16 393	295 779	52 061	24 311	0	453 326
Prawns	2 2 3 4	485	104829	39 393	36 982	18	5	183744
Abalone	14892	43 330	127	8 9 6 1	34 542	67 666	0	169 542
Scallops	453	3 2 2 2	19 062	13 377	7	194	0	36 570
Oysters	44	5	0	4	13	126	41	296
Other	994	10280	28 047	7 640	8776	1 129	849	58 410
Total	28 512	111 816	168458	365 155	132 381	93 444	895	902 933
Total value	50 755	122 153	221 120	371 183	191 071	121 918	2 163	1 085 335
Quantity	t	t	t	t	t	t	t	t
Fish d								
Live	na	na	na	na	na	na	na	na
Fresh, chilled or frozen								
Whole	1838	751	4320	666	1974	1969	104	11773
Fillets	286	286	851	60	322	506	2	2 421
Other	703	465	515	416	2 102	77	38	4726
Total fish	2828	1 501	5 686	1 142	4398	2 5 5 2	144	18 921
Crustaceans and molluscs								
Canned	1	80	1	4	59	1	0	161
Rock lobster	248	1 358	426	8 4 2 1	1 391	621	0	12 479
Prawns	118	52	6 180	2400	2 142	1	0	10890
Abalone	358	883	3	114	487	1 094	0	2 9 3 9
Scallops	13	211	662	415	1	5	0	1 325
Oysters	6	2	0	0	2	8	0	22
Other	132	802	3 075	403	267	38	55	4888
Total	874	3 112	10 344	11725	3 985	936	55	32704
Total quantity	3702	4613	16 030	12867	8 382	3 488	199	51 625

a State totals include Commonwealth fisheries exports. b Exports are identified according to state or territory exported from, not state or territory in which the product was landed. c Includes Australian Capital Territory. d Tuna transhipped at sea or captured under joint venture or bilateral agreements are not included. na Not available.

Source: Australian Bureau of Statistics.

## 28 Australian imports of fisheries products

	19	994-95	19	995-96	19	96-97 p
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live fish	na	2	na	0	na	9
Fresh, chilled or frozen						
Fresh or chilled whole	2439	12 357	2924	15 392	3 2 3 1	16450
Frozen whole	14324	24 103	7 653	16774	14 378	25 882
Fresh or chilled fillets	476	2345	310	1 699	304	1 616
Frozen fillets	29 078	111 <i>7</i> 17	30 047	123 678	30 478	124 353
Other	2537	5 9 0 5	5 006	12310	6 6 5 1	16 643
Canned fish	26 860	129 177	26796	126319	26 976	117593
Smoked, dried or salted fish	2513	19 345	2871	20 862	3 0 1 0	21 012
Other fish preparations	8 178	37 537	7 005	31 367	5 2 5 8	23 889
Total a	86 404	342 488	82 594	348 344	90 289	347 445
Crustaceans and molluscs						
Fresh, chilled or frozen b						
Prawns	13 917	164 355	12887	153 357	13 522	154 452
Lobster	513	9 681	279	6364	451	8 5 0 4
Scallops	1 115	14 213	988	12 441	1 196	15471
Oysters	557	4 094	555	4 157	503	4 0 2 0
Mussels	2 149	6424	2377	7 083	2371	6407
Other	8 573	39 346	9 4 5 4	43 909	9 2 4 5	40 277
Canned	2005	15 738	1 563	11 355	1780	13 584
Extracts and pastes	161	1 052	na	865	na	783
Other	1882	9 160	1841	10849	1 9 1 9	10 656
Total	30 871	264 063	30 113	250 381	31 148	254 154
Total edible a	117 276	606 551	112706	598 725	121 437	601 599
Non-edible						
Pearls	0	14749	na	31 237	na	42 329
Fish meal	47 383	21 971	26 699	15 821	27312	17 501
Ornamental fish	na	2 152	na	2119	na	1843
Marine fats and oils	na	2749	na	3 999	na	6 589
Other marine products	33 915	25 490	36 365	27 445	41 254	31 386
Total non-edible	na	67 110	na	80 622	na	99 648
Total fisheries products	na	673 662	na	679 347	na	701 247
, r				-		

a Excludes live tonnage, but includes live value. b Includes dried and salted. p Preliminary. na Not available. Source: Australian Bureau of Statistics.

### Australian imports of fish

	1	1994-95	1	1995-96	1	996-97 p
	t	\$'000	t	\$'000	t	\$'000
Salmon						
Smoked	245	4 441	177	3 <i>7</i> 71	187	3 293
Frozen	270	796	48	481	58	444
Fresh or chilled	32	237	11	64	0	0
Total a	547	5 474	235	4315	245	3738
Hake						
Frozen						
Fillets	12844	41 643	12945	44 031	14 184	48 878
Whole	33	87	1	1	405	1772
Mince	941	1 177	1654	2 0 0 5	2 0 6 1	2660
Total	13818	42 908	14 599	46 037	16 650	53 310
Tuna						
Whole						
Fresh or chilled	70	349	196	896	137	548
Frozen	7745	10 380	2944	4767	8320	11 215
Total a	7816	10730	3 141	5 662	8 457	11763
Other fish	7 010	10700	0111	0 002	0 107	11700
Live	na	2	na	0	na	9
Fresh or chilled whole	2336	11770	2717	14 433	3 094	15 902
Frozen whole	6276	12 839	4660	11 526	5 595	12 450
Fresh or chilled fillets	476	2345	310	1699	304	1616
Frozen fillets	16 234	70 073	17 103	79 647	16 294	75 475
Other fresh, chilled or frozen products	1596	4728	3 353	10 305	4591	13 982
Canned fish						
Salmon	8 <i>7</i> 97	54 139	8737	50 985	8 092	40 420
Tuna	10648	39 677	11 140	41 340	11 088	41 448
Herrings	1 047	4 134	904	3 865	1011	4315
Sardines	3 524	17 385	2800	15 140	3 228	16328
Anchovy	584	5 996	606	6204	747	6 592
Other	2 2 5 9	7847	2609	8786	2809	8490
Total	26 860	129 177	26 796	126 319	26 976	117 593
Smoked						
Herrings	56	224	50	157	83	326
Liver and roes	3	22	5	56	4	30
Other	1 252	6864	1 641	8379	1890	9431
Total	1310	7 109	1 697	8 592	1977	9 787
Dried	513	5 292	517	6 464	503	5 9 5 9
Salted	444	2502	481	2 0 3 6	343	1 973
Other fish preparations						
Fish meal	266	343	5	263	16	301
Fishballs, fishcake, sausages	1 247	4314	1 1 1 1 9	3 9 5 0	984	3 341
Caviar and pastes	70	2 148	32	1816	48	2 291
Other	6 6 3 0	30773	5 863	25 385	4 241	18064
Total	8 178	37 537	7 005	31 367	5 2 5 8	23 889
Total other fish <b>b</b>	64 223	283 376	64 638	292 387	64 934	278 635
Total fish b	86 404	342 488	82 594	348 344	90 289	347 445

 $<sup>{\</sup>bf a}$  Excludes canned.  ${\bf b}$  Excludes live tonnage.  ${\bf p}$  Preliminary.  ${\bf na}$  Not available. Source: Australian Bureau of Statistics.

### Australian imports of crustaceans and molluscs

	1	994-95	1	995-96	19	96-97 p
	t	\$'000	t	\$'000	t	\$'000
Canned and preserved						
Crabs	268	2 322	238	1897	196	1474
Prawns	358	2 061	246	1 325	290	1765
Smoked molluscs	886	9 0 2 5	589	6137	752	7343
Other molluscs	493	2 3 3 1	489	1 996	542	3 003
Extracts and pastes	161	1 052	na	865	na	783
Other preserved	1882	9 160	1841	10849	1919	10656
Total	4 048	25 951	3 573	23 069	3 861	25 023
Other						
Prawns						
Fresh, chilled or frozen	8 4 3 9	113 402	7 777	106 586	8 287	107 662
Other	5477	50 953	5 1 1 0	46770	5 2 3 6	46789
Lobster	513	9681	279	6364	451	8 5 0 4
Scallops	1 1 1 1 5	14213	988	12 441	1 196	15471
Oysters	557	4094	555	4 157	503	4 0 2 0
Mussels	2 149	6424	2377	7 083	2371	6407
Crabs	132	1 075	107	729	119	721
Calamari, squid and octopus	7 641	30786	8 404	34 476	7968	28842
Other	10	36	14	34	15	46
Total	26 033	230 663	25 610	218 641	26 145	218 463
Total crustaceans and molluscs	30 871	264 063	30 113	250 381	31 148	254 154

**p** Preliminary. **na** Not available. *Source:*Australian Bureau of Statistics.

### Australian imports of edible fish, by source

	199	4-95	199	95-96	199	96-97 p
	t	\$'000	t	\$'000	t	\$'000
Fish (excluding	canned)					
Tuna						
Singapore	116	4104	0	0	5987	7926
Thailand	352	654	245	477	94	418
United States	3518	199	1 368	2393	321	568
Other	3 8 3 1	5773	1 527	2792	2 0 5 5	2853
Total	7816	10730	3 141	5 662	8 4 5 7	11 763
Salmon						
Canada	44	602	31	472	14	226
Other	504	4872	204	3 843	231	3511
Total	547	5474	235	4315	245	3738
Hake						
Argentina	451	811	546	1 533	0	0
Cayman Islands	3 697	12 833	3 451	12748	3 377	12 827
Chile	4608	9514	5 184	10 992	5 3 5 1	10770
Japan	66	279	0	0	0	0
Spain	0	0	0	0	0	0
United Kingdom	0	0	19	19	35	90
Uruguay	127	223	277	488	73	177
Other	4869	19 247	5122	20 256	7813	29 446
Total	13 818	42 908	14 599	46 037	16 650	53 310
Canned fish						
Canada	3 240	22 429	4 125	28 853	3 2 7 8	18 901
Chile	779	2943	447	1 521	788	2383
China	199	565	175	563	149	506
Denmark	434	1776	297	1 151	245	1 291
Germany	382	2 037	354	1927	546	2362
Indonesia	337	1 060	123	373	118	347
Italy	317	3 290	423	4 027	477	4 5 3 5
Japan	104	403	222	710	226	255
Netherlands	32	124	25	145	23	87
Norway	587	5783	444	4977	444	5 5 2 0
New Zealand	433	1 293	181	525	6	25
Philippines	512	3 033	67	236	110	348
South Korea	118	331	121	440	123	444
Spain	135	1 241	80	983	41	799
Thailand	11 220	38 687	12 279	43 858	12 589	45 310
United Kingdom	426	2994	499	3 539	385	2930
United States	5 909	33 099	5 3 6 7	25 281	5901	24 081
Other	1 698	8 089	1 568	7212	1528	7468
Total	26 860	129 177	26796	126 319	26 976	117 593

**p** Preliminary.
Source: Australian Bureau of Statistics.

# 32 Australian imports of fresh, chilled or frozen fish, by source

	19	94-95	19	95-96	199	06-97 p
	t	\$'000	t	\$'000	t	\$'000
Fresh or chilled fish						
Whole						
New Zealand	2 122	11 419	2532	14 114	2900	15 239
Solomon Islands	23	85	49	139	64	148
Other	294	853	342	1 139	267	1 063
Total	2 4 3 9	12 357	2924	15 392	3 231	16 450
Fillets						
Indonesia	1	8	1	1	11	68
New Zealand	339	1713	231	1 263	216	1 2 1 6
Other	136	623	78	434	78	332
Total	476	2345	310	1 699	304	1 616
Frozen fish						
Whole						
Tuna						
Singapore	116	199	1368	2393	320	552
Thailand	352	654	245	477	94	418
United States	3 5 1 8	4 104	0	0	5 985	7918
Other	3 760	5 423	1 331	1 897	1922	2 3 2 8
Total	7745	10 380	2944	4767	8 3 2 0	11 215
Salmon						
Denmark	23	454	13	265	19	277
New Zealand	231	310	16	68	39	167
Vietnam	9	24	1	69	0	0
Other	7	8	17	78	0	0
Total	270	796	48	481	58	444
Other						
Japan	21	112	86	352	53	193
New Zealand	4478	8 166	2819	6350	3 2 6 8	6 587
Papua New Guinea	22	67	17	65	2	9
Singapore	37	153	26	113	53	230
Solomon Islands	9	23	5	11	0	1
Thailand	125	307	75	266	91	353
United States	57	91	234	117	78	55
Other	1560	4007	1 398	4 253	2 2 9 0	6 621
Total	6309	12927	4661	11 527	5 836	14 050

Continued

42

# 32 Australian imports of fresh, chilled or frozen fish, by source (continued)

	19	94-95	19	95-96	19	96-97 p
	t	\$'000	t	\$'000	t	\$'000
Frozen fish (continued)						
Fillets						
Hake						
Argentina	356	656	388	1 303	0	0
Cayman Islands	3 697	12833	3 451	12748	3 189	11 975
Chile	3 924	8 789	3 909	9 673	3 567	8 504
Japan	66	279	0	0	0	0
Spain	0	0	0	0	0	0
United Kingdom	0	0	0	0	35	90
Uruguay	54	165	108	258	53	153
Other	4747	18 921	5 089	20 050	7 3 3 9	28 156
Total	12844	41 643	12 945	44 031	14 184	48 878
Other						
Argentina	146	546	146	542	154	506
Chile	163	398	59	130	102	234
Denmark	48	129	77	672	17	186
Iceland	0	0	0	0	0	0
Indonesia	252	1 381	328	1820	587	3 531
Kenya	1 547	5 152	1 334	5 807	976	4 088
Netherlands	156	928	220	1 324	160	907
New Zealand	8 149	35 934	8 433	36 852	7 947	35 800
Poland	0	0	0	0	0	0
Singapore	286	1 168	261	1 569	118	687
Taiwan	693	2 647	872	3 455	658	2 421
Thailand	594	2990	688	3 670	469	2 6 5 1
United Kingdom	416	2 2 0 0	476	2 593	544	2814
Vietnam	1 492	8 4 1 5	1 067	6786	915	5 5 5 1
Other	2 292	8 187	3 141	14428	3 649	16 100
Total	16 234	70 073	17 103	79 647	16 294	75 475

p Preliminary.
Source: Australian Bureau of Statistics.

# $\overline{33}$ Australian imports of dried, salted or smoked fish, by source

	1994-95		1	1995-96	1996-97 р	
	t	\$'000	t	\$'000	t	\$'000
Dried or salted						
Denmark	0	2	0	2	0	2
Iceland	77	514	87	680	80	560
New Zealand	92	465	65	238	21	99
Norway	183	1 602	205	2 085	252	1704
Spain	42	272	11	79	21	129
United Kingdom	10	56	19	90	0	0
Other	552	4884	611	5 3 2 5	472	5438
Total	957	7 <i>7</i> 95	997	8 500	846	7 932
Smoked						
Argentina	0	0	331	874	442	1 204
Canada	46	634	31	472	14	226
Denmark	253	4697	239	4357	312	4898
Netherlands	31	146	11	51	28	126
New Zealand	199	1 975	241	2619	150	1343
United Kingdom	87	368	52	195	107	494
United States	0	10	0	0	0	1
Other	939	3720	969	3794	1 1 1 1 0	4789
Total	1556	11 550	1874	12 363	2164	13 080
Total dried, salted or smoked fish	2513	19345	2871	20 862	3 010	21 012

**p** Preliminary.

Source: Australian Bureau of Statistics.

### **IMPORTS**

# 34 Australian imports of crustaceans and molluscs, by source

	19	1994-95		1995-96		1996-97 р	
	t	\$'000	t	\$'000	t	\$'000	
Crustaceans (fresh, chilled or	r frozen)						
Lobster	,						
New Zealand	17	216	16	449	30	769	
Papua New Guinea	63	1762	68	1922	41	1 035	
Thailand	34	577	46	888	31	607	
Vietnam	22	354	12	200	<i>7</i> 5	1 147	
Other	377	6771	138	2905	274	4946	
Total	513	9681	279	6364	451	8 5 0 4	
Prawns							
Fresh, chilled or frozen							
China	157	1 240	212	2372	70	677	
HongKong	0	1	0	0	0	(	
Indonesia	344	5177	324	3 631	242	2764	
Malaysia	1379	14 224	868	8 881	727	7 4 4 5	
Philippines	55	669	55	789	7	22	
Singapore	355	4714	302	3 5 7 4	370	4503	
Taiwan	71	855	33	538	166	2575	
Thailand	4159	66 101	4 402	68 634	5 103	72 475	
Vietnam	739	7 0 4 5	607	6446	660	7528	
Other	1 180	13 375	974	11721	941	9 673	
Total	8 4 3 9	113 402	7777	106586	8 287	107 662	
Other							
Indonesia	104	1 072	69	596	164	1 129	
Malaysia	1963	16 234	1770	14 211	1546	11 894	
Singapore	487	3 5 2 8	362	2855	479	3546	
Thailand	2526	26 803	2543	26 099	2654	27 125	
Other	397	3317	365	3 009	393	3 096	
Total	5 477	50 953	5110	46770	5 2 3 6	46 789	
Crabs							
Canada	0	6	0	0	0	C	
Vietnam	97	618	61	448	72	457	
Other	36	450	46	281	47	264	
Total	132	1075	107	729	119	721	

Continued

34 Australian imports of crustaceans and molluscs, by source (continued)

	1994-95		1995-96		1996-97 р	
	t	\$'000	t	\$'000	t	\$'000
Molluscs (fresh, chilled or	frozen)					
Scallops						
Japan	309	5 031	551	7 227	509	7398
New Zealand	21	202	4	79	1	14
Thailand	335	4 182	189	2 193	404	4 945
Other	450	4798	243	2942	282	3 113
Total	1 115	14 213	988	12 441	1 196	15 471
Mussels						
New Zealand	2 123	6352	2356	6 9 5 0	2348	6 197
Other	26	71	22	133	23	210
Total	2 149	6424	2377	7 083	2371	6 407
Squid						
HongKong	143	724	149	723	135	596
India	180	548	235	800	196	496
Japan	42	265	14	145	153	295
New Zealand	3 304	13 938	2 6 5 1	11694	2 027	8 3 7 4
Singapore	123	863	154	919	46	258
Thailand	1 370	4 2 4 5	1 536	4672	1 592	4997
United States	314	425	547	643	689	794
Other	2 165	9779	3 118	14879	3 131	13 031
Total	7641	30786	8 404	34 476	7968	28 842
Crustaceans and molluscs	(canned)					
Denmark	58	256	40	167	33	145
Indonesia	24	152	125	717	8	34
Japan	3	228	7	53	9	101
Malaysia	4	18	11	66	1	8
New Zealand	204	949	247	985	211	733
South Korea	741	7910	412	4 561	518	5767
Thailand	696	4399	441	2730	631	3 9 6 2
Other	275	1827	280	2077	369	2835
Total	2 005	15738	1 563	11 355	1780	13 584

46

**p** Preliminary.

Source: Australian Bureau of Statistics.

## 35 Australian imports of fisheries products, by source

	19	94-95	19	95-96	1996-97 р		
	t	\$'000	t	\$'000	t	\$'000	
Edible (excluding live)							
Argentina	631	1435	1326	3 6 9 5	598	1716	
Canada	3 3 2 3	23 734	4174	29 671	3320	19 429	
Cayman Islands	3777	13 167	3 5 5 0	13 123	3 4 2 8	13 007	
Chile	5 6 7 3	13 223	5 <i>7</i> 11	12812	6308	13 962	
China	1842	10491	2 1 2 9	13 019	1 571	9304	
Denmark	999	9 159	882	9312	682	7 573	
Germany	477	3 094	408	3 1 1 0	603	3 636	
HongKong	203	1948	204	2 2 2 2 5	237	3 155	
India	625	3216	807	4362	782	2902	
Indonesia	1 185	9 282	1 094	7881	1 294	8 8 2 4	
Italy	356	3 6 1 5	436	4 139	493	4 6 4 5	
Japan	1396	12 202	1468	13 807	1478	12 455	
Malaysia	4703	36 591	4010	28 955	3 5 4 0	25 229	
Norway	969	8 6 6 5	762	7 689	781	7 9 9 7	
New Zealand	27 923	115 429	26 996	115 183	27 530	111721	
Philippines	660	4 2 6 4	227	1759	250	1 107	
Singapore	1639	12317	2774	13 153	1662	11715	
South Africa	3 3 9 9	12384	3 2 3 8	12 277	3 4 6 9	13 250	
South Korea	2 0 3 2	10963	820	6763	883	7 467	
Spain	184	1813	145	1 646	104	2570	
Taiwan	2 4 2 3	11 402	3 137	15 293	3864	17 636	
Thailand	25 560	166 218	26 542	170 963	28 035	181 292	
United Kingdom	1008	5942	1 102	6632	1 140	6544	
United States	10370	41 026	7222	31 808	13 376	36 515	
Other	15 911	74796	13 541	69 408	16 003	77 879	
Total	117 267	606 376	112704	598 684	121 430	601 531	
Non-edible							
Chile	na	747	na	5 088	na	2 5 8 4	
HongKong	na	1732	na	3 3 6 7	na	2598	
Japan	na	8 387	na	7 620	na	10 661	
Malaysia	na	2200	na	1846	na	1 330	
Netherlands	na	3 055	na	2499	na	2 246	
New Zealand	na	4672	na	8 3 0 4	na	6 9 9 2	
Peru	na	21 346	na	9 3 8 5	na	14 375	
Philippines	na	406	na	462	na	489	
Samoa	na	2 104	na	2687	na	4365	
Singapore	na	1182	na	928	na	1 0 6 9	
Solomon Islands	na	1	na	1	na	1	
Taiwan	na	1165	na	1895	na	695	
Thailand	na	1965	na	1847	na	3 7 3 5	
United States	na	7 053	na	8 087	na	11 753	
Other	na	11097	na	26 605	na	36 755	
Total	na	67 110	na	80 622	na	99 648	
Total imports	na	673 486	na	679 306	na	701 180	

p Preliminary. **na** Not available. *Source:* Australian Bureau of Statistics.

## $36^{\,\,\mathrm{Australian\ seafood\ imports\ from\ selected\ countries,\ by\ product\ a}}$

	1994-95		1995-96		1996-97 р	
	t	\$'000	t	\$'000	t	\$'000
Canada						
Fresh, chilled or frozen fish	0	2	0	0	0	0
Fresh, chilled or frozen fillets	0	4	0	2	0	0
Canned fish	3 240	22 429	4 125	28 853	3 2 7 8	18 901
Smoked, dried or salted fish	51	795	33	522	17	314
Other fish	10	54	0	3	0	0
Scallops	19	393	7	141	0	0
Other crustaceans and molluscs	1	21	1	11	2	152
Other	2	34	7	139	23	61
Total	3 323	23734	4174	29 671	3 3 2 0	19 429
Japan						
Frozen whole fish	21	112	86	352	53	193
Fresh, chilled or frozen fillets	66	285	0	0	0	0
Canned fish	104	403	222	710	226	255
Smoked, dried or salted fish	25	611	23	623	19	469
Other fish	554	2980	389	2614	350	2 2 1 0
Prawns	<i>7</i> 9	787	12	199	24	227
Scallops	309	5 0 3 1	551	7 227	509	7398
Oysters	23	279	13	149	17	183
Mussels	1	7	1	4	10	120
Canned crustaceans and molluscs	3	228	7	53	9	101
Other crustaceans and molluscs	95	682	84	646	198	621
Other	116	797	79	1 229	63	678
Total	1 396	12 202	1468	13 807	1478	12 455
New Zealand						
Fresh and chilled whole fish	2 122	11 419	2532	14 114	2900	15 239
Frozen whole fish	4709	8 4 7 6	2847	6448	3 471	6 922
Fresh and chilled fillets	339	1713	231	1 263	216	1 2 1 6
Frozen fillets	8 811	39 350	9 0 5 4	39 578	9882	43 900
Canned fish	433	1 293	181	525	6	25
Smoked, dried or slated fish	291	2440	306	2857	170	1 442
Other fish	3 600	17365	3 138	12 414	1715	5 441
Lobster	17	216	16	449	30	769
Scallops	21	202	4	<i>7</i> 9	1	14
Oysters	527	3 6 1 9	522	3720	470	3 6 1 4
Mussels	2 123	6352	2356	6950	2348	6197
Canned crustaceans and molluscs	204	949	247	985	211	733
Other crustaceans and molluscs	3 386	16797	2748	15 307	2 107	11783
Extracts and pastes	64	506	86	369	91	366
Other	1 276	4732	2729	10 126	3911	14 060

Continued

# 36 Australian seafood imports from selected countries, by product a (continued)

	1994-95		1995-96		1996-97 р	
	t	\$'000	t	\$'000	t	\$'000
Thailand						
Frozen whole fish	476	961	320	742	185	771
Fillets	681	3 380	827	4 5 1 4	129	826
Canned fish	11 220	38 687	12 279	43 858	12 589	45 310
Smoked, dried or salted fish	80	487	96	476	41	349
Other fish	2550	9946	2448	9 9 6 1	2515	10375
Prawns	6 686	92 904	6944	94734	7 757	99 600
Lobster	34	577	46	888	31	607
Scallops	335	4 182	189	2 193	404	4945
Mussels	1	3	4	13	6	41
Canned crustaceans and molluscs	696	4 399	441	2730	631	3 9 6 2
Other crustaceans and molluscs	1756	6 168	2 024	6746	2 083	7 2 6 7
Extracts and pastes	61	353	48	321	35	244
Other	984	4 172	876	3787	1 630	6 995
Total	25 560	166 218	26 542	170 963	28 035	181 292
United States						
Frozen whole fish	3 5 7 4	4 195	252	193	6 0 6 3	7 9 7 2
Frozen fillets	18	41	36	158	25	95
Canned fish	5909	33 099	5 3 6 7	25 281	5 901	24 081
Smoked, dried or salted fish	10	64	15	66	0	2
Other fish	351	1 201	434	1390	63	308
Scallops	67	965	136	1783	37	476
Canned crustaceans and molluscs	19	55	33	55	1	4
Other crustaceans and molluscs	352	883	566	878	746	1321
Other	70	522	384	2005	539	2 2 5 3
Total	10370	41 026	7 2 2 2	31 808	13 376	36 515

**a** Excludes live imports. **p** Preliminary. *Source*: Australian Bureau of Statistics.