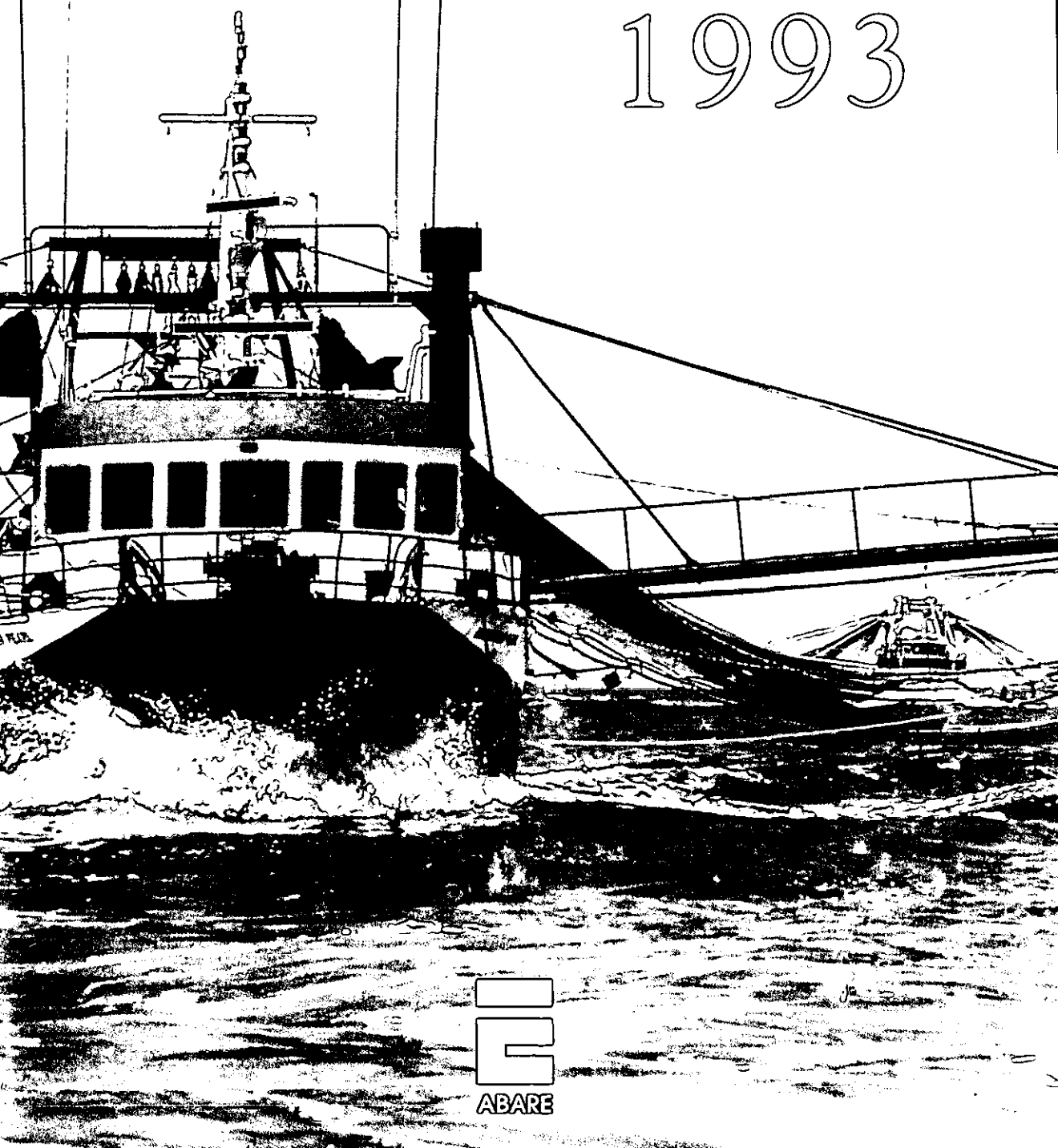
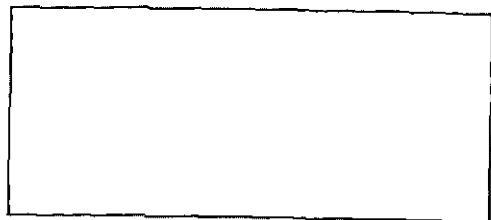


AUSTRALIAN FISHERIES STATISTICS 1993





AUSTRALIAN
FISHERIES
STATISTICS
1993

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Foreword

This publication is the third in a series which provides a comprehensive set of data for Australian fisheries production and trade. It provides foreign trade data and information for each major state and Commonwealth fishery for the period 1990-91 to 1992-93. For the first time a profile of major Australian fisheries is also provided.

Australian Fisheries Statistics can be used in conjunction with ABARE's *Commodity Statistical Bulletin*, which is also published annually and provides an historical series of production and trade statistics for fisheries commodities, and ABARE's *Agriculture and Resources Quarterly*, in which forecasts for major fisheries commodities are updated throughout the year. Together these three publications give a comprehensive account of historical trends in and the situation and outlook for Australian fisheries.

BRIAN FISHER
Executive Director, ABARE

October 1993

Acknowledgments

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Definitions and explanations

Small **discrepancies** in totals are generally due to the rounding of components.

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

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

Abbreviations and symbols

kg	kilogram
t	tonne
kt	kilotonne
\$	dollar (Australian)
\$m	million dollars (Australian)
fob	free on board
ABS	Australian Bureau of Statistics
ABARE	<i>Australian Bureau of Agricultural and Resource Economics</i>

Profile of Australian fisheries in 1993

Fishery	Area	Species	Main fishing method	Number of boats/units	Av. annual catch
Commonwealth					
Northern prawn	Gulf of Carpentaria, Cape York to Cape Londonderry	Banana, tiger endeavour, king prawns	Trawling	125 boats	approx. 9150 tonnes
Torres Strait	Cape York Peninsula and south coast PNG	Prawns, rock lobster, Spanish mackerel	Trawling Diving Trolling	100 boats	approx. 2000 tonnes
South east	Commonwealth and state waters from Barrenjoey Point, NSW, around Tas. to Cape Willoughby in SA	Mixed fish species	Trawling Danish seine	124 boats	approx. 35 000 tonnes
Great Australian Bight	Commonwealth water between Cape Leeuwin, WA, and Kangaroo Island, SA	Deepwater flathead, orange roughy Bight redfish	Trawling	10 boats	approx. 1300 tonnes
Southern bluefin tuna	Commonwealth waters in areas to the south and south east of the AFZ	Southern bluefin tuna	Longline Purse seine Pole and line	94 boats	approx. 5000 tonnes
East coast tuna	Commonwealth and NSW waters from Cape York to southernmost point of the AFZ	Yellowfin, bigeye tuna	Longline Pole and line Trolling	200 boats	approx. 1100 tonnes
East coast purse seine	Commonwealth and NSW waters from Cape York to southernmost point of the AFZ	Skipjack tuna	Purse seine	18 boats	approx. 6600 tonnes
Southern shark	Commonwealth and state waters off SA, Vic. & Tas.	Gummy and school shark, other mixed shark	Gillnets Hooks	131 gillnet boats and 96 hook boats	approx. 3000 tonnes
Bass Strait scallops	Commonwealth and state waters off Vic. & Tas.	Scallops	Dredging	165 boats	highly variable
Jack mackerel	Commonwealth and state waters mainly south around the GAB, SA, Tas., Vic. and NSW	Jack mackerel	Purse seine Trawling	28 purse seine boats and 3 mid-water trawlers	approx. 15000 tonnes

(Continued on next page)

Profile of Australian fisheries in 1993

Fishery	Species	Main fishing method	Number of boats/units	Av. annual catch
New South Wales				
Abalone	Blacklip abalone	Diving	39 licence holders	approx. 310 tonnes
Rock lobster	Eastern rock lobster	Pots	322 licence holders	approx. 95 tonnes
Prawn	Eastern king, school & royal red prawns	Trawling, hauling, seine running net & pocket net	925 licence holders	approx. 2200 tonnes
Crab	Mudcrab, blue swimming & spanner crabs	Crab pots Crab net	311 licence holders	approx. 600 tonnes
Other fish species	Mixed fish species	Demersal long line, hand line, jigging, demersal fish trap, pelagic fish trap, trawling & meshing	1315 licence holders	approx. 11000 tonnes
Victoria				
Abalone	Greenlip, blacklip abalone	Diving	71 licence holders	approx. 1460 tonnes
Scallops	Scallops	Dredging	112 licence holders	approx. 4800 tonnes
Bay & Inlet	Mixed fish species, abalone	Various	301 endorsed boats	approx. 900 tonnes
Rock lobster	Southern rock lobster	Pots	175 boats & 8190 pots	approx. 400 tonnes
Queensland				
East coast trawl	Tiger, banana, red spot king, endeavour, eastern king, eastern school & greasy back prawns Scallops Slipper lobster Whiting	Trawling	922 licence holders	approx. 6800 tonnes approx. 3500 tonnes approx. 450 tonnes approx. 1000 tonnes
East coast & Gulf of Carpentaria barramundi	Barramundi	Gillnet	237 licence holders	approx. 700 tonnes
Beam trawl	Mixed fish species	Trawling	115 licence holders	approx. 7500 tonnes
Net	Threadfin, mackerel & shark	Gillnet	351 licence holders	approx. 4500 tonnes
Reef	Mixed fish species	Handline Trolling	1900 boats 5000 fishers	approx. 4000 tonnes

(Continued on next page)

Profile of Australian fisheries in 1993

Fishery	Species	Main fishing method	Number of boats/units	Av. annual catch
Western Australia				
West coast rock lobster	Western rock lobster	Pots	676 boats 676 boats & 69 3000 pots	approx. 10000 tonnes
Abalone	Greenlip, brownlip & Roe's abalone	Diving	26 licence holders	approx. 76 tonnes meat & 108 tonnes whole
Shark Bay prawn	King, tiger & endeavour prawns, scallops	Trawling	27 boats	approx. 1500 tonnes prawns & 800 tonnes scallops
Exmouth prawn	King, tiger & endeavour prawns	Trawling	16 boats	approx. 1000 tonnes
Nickol Bay prawn	King, banana prawns	Trawling	14 boats	approx. 150-200 tonnes
Shark Bay scallops	Scallops	Trawling	14 boats	approx. 2400 tonnes
South Australia				
Southern zone rock lobster	Southern rock lobster	Pots	84 licence holders	approx. 1100 tonnes
Northern zone rock lobster	Southern rock lobster	Pots	193 licence holders	approx. 1650 tonnes
Abalone	Greenlip, blacklip abalone	Diving	34 licence holders	approx. 900 tonnes
West coast prawn	Western king prawn	Trawling	3 licence holders	approx. 80 tonnes
Spencer Gulf prawn	Western king prawn	Trawling	39 licence holders	approx. 1500 tonnes
Gulf St Vincent prawn	Western king prawn	Trawling	10 licence holders	approx. 150 tonnes
Marine scalefish	Mixed fish species	Trawling Handline	527 licence holders	approx. 13000 tonnes
Tasmania				
Abalone	Blacklip abalone	Diving	125 boats	approx. 6.8 tonnes
Rock lobster	Southern rock lobster	Pots	341 vessels	approx. 740 tonnes
Aquaculture	Atlantic salmon Pacific oysters	Cage culture Farming	7 companies, 35 sites 89 farms	developing

Sources: Australian Fisheries Management Authority; Department of Primary Industries and Energy; New South Wales Department of Agriculture and Fisheries; Queensland Department of Primary Industries; Victorian Department of Conservation and Environment; Tasmanian Department of Sea Fisheries; South Australian Department of Fisheries; Western Australian Fisheries Department; ABARE.

Trends in production and trade

Value of fisheries production up despite a fall in volume

The gross value of fisheries production in 1992-93 is estimated to have been around \$1374 million, a 5 per cent increase in value over the previous year (table 1). Rock lobster remained the most important fisheries product, contributing 23 per cent of this total, despite a 9 per cent fall in the value of production from the record high level of \$362 million in 1991-92 (tables 3 and 4). Lower prices for rock lobster overseas were the major cause of this fall, although the volume of production also fell marginally to 17 900 tonnes.

The main growth in the value of fisheries production in 1992-93 occurred in abalone (up 29 per cent to \$125 million) and in the value of a number of aquaculture products. There was a 28 per cent fall in the value of scallop production due to a 15 per cent fall in landings from the high production levels in Western Australia and Queensland in 1991-92, and a fall in prices paid in 1992-93. Landings of fish other than tuna were 7 per cent lower than in 1991-92 but higher prices resulted in a 4 per cent increase in the total value of fish production in 1992-93.

The reduction in the volume of fish catches mainly reflected the catch restrictions imposed in the south east fishery (table 12). Total landings in this fishery fell by 17 per cent, due mainly to the catch restrictions and hence lower landings of orange roughy (down 35 per cent to 12 350 tonnes). Higher prices for many of the species from the fishery partially offset the impact of lower catches, resulting in only a 12 per cent fall in fishery revenue between 1991-92 and 1992-93.

Total prawn production fell by 4 per cent, mainly due to lower catches in Western Australia (tables 3, 4 and 8). In the northern prawn fishery, the impact of poor catches of tiger prawns on total revenue were more than offset by higher landings of banana prawns and by higher prices, due mainly to the fall in the value of the Australian dollar against the yen (table 12). Landings of banana prawns were 4166 tonnes, up 66 per cent on the abnormally low catch of 1991-92 but 40 per cent down on 1990-91. The average price for banana prawns was \$10.35/kg (an increase of 15 per cent) while tiger prawn prices averaged around \$17/kg, 17 per cent higher than in 1991-92.

Western Australia remained the major contributor to the total value of Australian fisheries, contributing \$366 million (27 per cent of the total) mainly through rock lobster and pearl production (table 8). However, this was a 19 per cent fall from 1991-92 levels due mainly to weaker rock lobster prices (down 13 per cent to average \$18/kg), lower prawn catches (down 44 per cent to 1718 tonnes) and reduced fish landings.

The value of fisheries production increased in all other states. Tasmania recorded a 14 per cent increase in the value of production due to the expanding contribution of aquaculture operations (an increase of 11 per cent to \$59 million) and a 24 per cent increase in the value of abalone production (table 10).

Trends in production and trade

Exports of fisheries products exceed 1 billion dollars in 1992-93

The total value of fisheries exports in 1992-93 was slightly over \$1 billion, an 11 per cent increase over the previous year (table 13). The main sources of this increase were the higher value of scallop exports (up 76 per cent to \$79 million) due to increased volumes following the high catches of 1991-92, and the increased value of abalone exports (up 30 per cent to \$168 million) due to higher prices. The value of prawn exports showed some recovery following a large downturn in 1991-92.

Rock lobster remained the most valuable export, with the total value of exports up marginally in 1992-93 to \$384 million, despite lower prices (table 18). This was achieved through increasing the volume of product exported at the expense of lower domestic sales, and to changes in the form of exports, with a shift away from frozen product and greater emphasis on the live trade. The volume of live exports increased by 73 per cent to 5600 tonnes, while the average unit value fell by 4.5 per cent to around \$28.30/kg. This increase was at the expense of lower exports of frozen whole rock lobster where the volume fell by 20 per cent to 4650 tonnes while unit values were \$23.52/kg, 15 per cent below those of 1991-92. Exports of rock lobster tails also fell, by 14 per cent in 1992-93.

Higher unit values resulted in an 8 per cent boost in the value of prawn exports in 1992-93 to \$155 million (table 18). The total volume of prawn exports were 10 per cent lower, due to reduced exports of whole prawns, but values increased by almost 20 per cent. More prawns were processed, with headless prawn exports up 80 per cent to 2100 tonnes, similar to exports in 1990-91. Japan increased in importance as a market for Australian prawn exports, with 80 per cent of the total value of sales made to the Japanese market in 1992-93.

Sales of abalone continued to grow strongly, with the value of exports up 30 per cent to \$168 million, due to increased unit values (table 19). Sales of fresh and frozen abalone to Japan were particularly strong, with volume 28 per cent higher and unit value up 18 per cent. There was an increase of 75 per cent in the total value of fresh and frozen abalone exports to Hong Kong, with unit values nearly 50 per cent higher. With the strong demand for fresh and frozen forms, the volume of canned abalone fell by 18 per cent to 1750 tonnes although the gross value of canned abalone increased by 17 per cent to \$107 million.

As a result of the large increase in scallop production in the previous year and subsequent carryover of stocks, exports in 1992-93 almost doubled to nearly 5200 tonnes valued at almost \$78 million (table 19). While Hong Kong continued to be the main market for scallops, exports to the United States increased by 48 per cent to almost 1 200 tonnes (table 21).

In aggregate, Japan remained the main market for Australian seafood, with total sales valued at nearly \$406 million, while Taiwan became the second most valuable

Trends in production and trade

market with sales of almost \$159 million, displacing the United States (table 20). The Hong Kong market showed the highest growth of the large markets, with the total value of sales increasing by 56 per cent to \$139 million. Higher sales of rock lobster were the main source of this growth, although the increases were spread across a number of products, with higher sales values for fish, prawns, abalone and scallops (table 21).

Seafood imports relatively stable

Imports of seafood in 1992-93 were valued at nearly \$490 million, a 4 per cent rise over 1991-92 levels (table 22). In volume terms, however, imports of most categories of seafood were below 1991-92 levels. Prawns were an important exception. Imports in 1992-93 were 12 300 tonnes, up 3 per cent on the previous year while the value increased by 10 per cent to almost \$120 million.

Thailand was the largest supplier of seafood to Australia, increasing its share of imports in 1992-93 by two percentage points to 21.3 per cent, mainly as a result of higher imports of prawns and canned fish. Imports from New Zealand also increased by 10 per cent in value to nearly \$89 million, largely as a result of higher imports of frozen fish fillets (table 30).

Production

1 Gross value of Australian fisheries production

	1990-91 ^a \$'000	1991-92 ^a \$'000	1992-93 ^{ps} \$'000
State fisheries and aquaculture ^a			
New South Wales	96 642	90 915	110 589
Victoria	58 726	69 367	85 178
Queensland	138 484	151 477	173 568
Western Australia	398 818	455 021	366 472
South Australia	97 530	112 185	119 829
Tasmania	129 939	139 489	158 930
Northern Territory	8 542	10 589	50 158
Total	928 682	1 029 043	1 064 723
Commonwealth fisheries			
Northern prawn	114 433	90 626	98 605
Torres Strait	21 295	18 229	21 747
South east	68 612	69 000	60 935
Great Australian Bight	2 914	3 929	2 442
Southern shark	16 643	17 383	15 912
East coast tuna	6 764	6 857	7 052
East coast purse seine	3 750	3 983	3 981
Southern bluefin tuna	55 554	63 625	94 654
Other fisheries ^b	4 518	4 138	3 968
Total	294 484	277 769	309 297
Total value	1 223 166	1 306 812	1 374 020

^a State totals include estimated value of aquaculture production but exclude inland commercial fisheries. ^b Includes north west slope and Kimberley coast prawn fisheries. ^p Preliminary. ^s ABARE estimates.

Sources: Australian Fisheries Management Authority; Department of Primary Industries and Energy; New South Wales Department of Agriculture and Fisheries; Queensland Department of Primary Industries; New South Wales Fish Marketing Authority; Melbourne Wholesale Fish Market; Victorian Department of Conservation and Environment; Tasmanian Department of Sea Fisheries; South Australian Department of Fisheries; Western Australian Fisheries Department; Northern Territory Department of Primary Industry and Fisheries; ABARE.

Production

2 Australian fisheries production in 1990-91, by state ^a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'with	Aust.
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Value^a									
Fish									
Tuna	—	—	—	410	—	—	25	66 068 ^b	66 504
Other	26 809	20 823	40 864	23 748	11 829	51 122	7 405	87 218 ^c	269 818
Total	26 809	20 823	40 864	24 158	11 829	51 122	7 430	153 286	336 321
Crustaceans									
Prawns	19 947	35	62 371	25 719	21 716	—	—	133 142 ^d	262 930
Rock lobster	1 672	7 236	3 752	194 722	44 931	30 657	46	4 453 ^d	287 468
Other	3 541	637	7 609	2 933	2 450	—	871	188	18 229
Total	25 159	7 908	73 732	223 374	69 097	30 657	917	137 782	568 627
Molluscs									
Abalone	6 879	26 034	—	7 359	14 008	37 840	—	—	92 120
Scallops	17	2 746	22 042	17 164	338	—	35	—	42 343
Oysters	31 396	16	1 012	—	448	10 320	—	—	43 192
Other	6 382	1 199	834	126 763	1 810	—	160	3 416 ^e	140 564
Total	44 674	29 995	23 888	151 286	16 604	48 160	195	3 416	318 218
Total value	96 642	58 726	138 484	398 818	97 530	129 939	8 542	294 484	1 223 166
Quantity									
	t ^s	t ^s	t	t	t	t	t	t ^s	t
Fish									
Tuna	—	—	—	262	—	—	24	11 380 ^b	11 666
Other	12 704	8 768	10 051	19 917	4 233	30 767	2 583	56 411 ^c	145 435
Total	12 704	8 768	10 051	20 179	4 233	30 767	2 607	67 791	157 102
Crustaceans									
Prawns	2 658	15	7 557	3 152	2 086	—	—	13 650 ^d	29 118
Rock lobster	86	361	413	9 262	2 666	1 755	2	171	14 717
Other	725	176	1 545	533	602	—	123	37	3 741
Total	3 469	552	9 515	12 948	5 354	1 755	124	13 859	47 576
Molluscs									
Abalone	326	1 436	—	302	863	2 227	—	—	5 154
Scallops	5	1 638	6 447	6 264	171	—	14	—	14 540
Oysters	6 100	3	221	—	106	2 837	—	—	9 267
Other	1 242	484	209	241	788	—	13	635 ^e	3 611
Total	7 673	3 561	6 877	6 807	1 928	5 064	27	635	32 572
Total quantity	23 846	12 881	26 443	39 934	11 515	37 587	2 759	82 285	237 250

^a State totals include estimated value of aquaculture production but exclude inland commercial fisheries. Commonwealth totals include all fisheries under federal jurisdiction. ^b Includes the southern bluefin, east coast and purse seine tuna fisheries. ^c Includes the fish component of the south east, Great Australian Bight, southern shark and Torres Strait fisheries. ^d Includes the northern prawn, Torres Strait, south east and other fisheries. ^e Includes squid, octopus and cuttlefish from the south east and Great Australian Bight and pearl oyster from Torres Strait. ^s ABARE estimates.

Sources: Australian Fisheries Management Authority; Department of Primary Industries and Energy; New South Wales Department of Agriculture and Fisheries; Queensland Department of Primary Industries; New South Wales Fish Marketing Authority; Melbourne Wholesale Fish Market; Victorian Department of Conservation and Environment; Tasmanian Department of Sea Fisheries; South Australian Department of Fisheries; Western Australian Fisheries Department; Northern Territory Department of Primary Industry and Fisheries; ABARE.

Production

3 Australian fisheries production in 1991-92, by state ^a

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'with	Aust.
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Value ^a									
Fish									
Tuna	—	—	—	244	—	—	8	74 465 ^b	74 717
Other	23 047	23 408	40 441	28 844	14 022	55 915	7 295	88 430 ^c	281 401
Total	23 047	23 408	40 441	29 088	14 022	55 915	7 303	162 895	356 118
Crustaceans									
Prawns	16 124	47	81 741	25 158	19 653	—	—	108 966 ^d	251 689
Rock lobster	1 945	9 240	5 321	252 150	57 752	30 600	10	4 635	361 653
Other	6 145	698	7 938	3 397	1 909	—	1 450	27	21 564
Total	24 214	9 984	95 000	280 704	79 314	30 600	1 460	113 628	634 905
Molluscs									
Abalone	5 130	27 000	—	8 199	15 095	42 000	—	—	97 424
Scallops	13	7 248	14 663	57 510	340	—	23	—	79 797
Oysters	31 415	20	854	—	669	10 974	—	—	43 932
Other	7 096	1 707	518	79 521	2 745	—	1 803	1 247 ^e	94 636
Total	43 654	35 975	16 035	145 229	18 849	52 974	1 826	1 247	315 789
Total value	90 915	69 367	151 477	455 021	112 185	139 489	10 589	277 769	1 306 812
Quantity									
	t ^s	t	t	t	t	t	t	t	t
Fish									
Tuna	—	—	—	168	—	—	26	12 894 ^b	13 088
Other	10 436	8 497	7 986	18 606	4 607	31 120	2 478	42 472 ^c	126 202
Total	10 436	8 497	7 986	18 774	4 607	31 120	2 504	55 366	139 289
Crustaceans									
Prawns	2 048	20	7 277	3 085	2 155	—	—	10 115 ^d	24 700
Rock lobster	95	440	484	12 202	3 162	1 800	1	173	18 356
Other	1 179	213	1 506	679	541	—	214	4	4 337
Total	3 322	673	9 267	15 966	5 858	1 800	215	10 292	47 393
Molluscs									
Abalone	285	1 500	—	309	885	2 100	—	—	5 079
Scallops	1	3 918	4 190	20 539	170	—	9	—	28 826
Oysters	6 100	4	221	—	139	2 608	—	—	9 072
Other	1 528	549	207	197	1 104	—	29	626 ^e	4 240
Total	7 914	5 971	4 618	21 046	2 298	4 708	37	626	47 217
Total quantity	21 672	15 141	21 871	55 786	12 763	37 628	2 756	66 283	233 899

^a State totals include estimated value of aquaculture production but exclude inland commercial fisheries. Commonwealth totals include all fisheries under federal jurisdiction. ^b Includes the southern bluefin, east coast and purse seine tuna fisheries. ^c Includes the fish component of the south east, Great Australian Bight, southern shark and Torres Strait fisheries. ^d Includes the northern prawn, Torres Strait, south east and other fisheries. ^e Includes squid, octopus and cuttlefish from the south east and Great Australian Bight and pearl oyster from Torres Strait. ^s ABARE estimates.

Sources: Australian Fisheries Management Authority; Department of Primary Industries and Energy; New South Wales Department of Agriculture and Fisheries; Queensland Department of Primary Industries; New South Wales Fish Marketing Authority; Melbourne Wholesale Fish Market; Victorian Department of Conservation and Environment; Tasmanian Department of Sea Fisheries; South Australian Department of Fisheries; Western Australian Fisheries Department; Northern Territory Department of Primary Industry and Fisheries; ABARE.

Production

4 Australian fisheries production in 1992-93, by state ^{aps}

	NSW	Vic.	Qld	WA	SA	Tas.	NT	C'with	Aust.
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Value									
Fish									
Tuna	-	-	-	57	-	-	3	105 687 ^b	105 747
Other	32 058	20 456	56 327	21 657	18 257	61 000	6 459	77 635 ^d	293 848
Total	32 058	20 456	56 327	21 713	18 257	61 000	6 462	183 322	399 595
Crustaceans									
Prawns	21 063	42	85 243	13 329	19 653	-	-	119 602 ^e	258 932
Rock lobster	2 619	7 283	4 630	216 492	57 670	33 700	3	5 135	327 532
Other	7 855	338	8 979	2 935	2 450	-	2 191	27	24 775
Total	31 537	7 663	98 852	232 756	79 773	33 700	2 195	124 764	611 239
Molluscs									
Abalone	6 510	43 200	-	4 811	18 690	52 000	-	-	125 211
Scallops	11	12 600	16 603	28 000	340	-	12	-	57 566
Oysters	31 415	20	854	-	670	12 230	-	-	45 189
Other	9 059	1 239	932	79 192	2 099	-	41 489 ^c	1 210 ^f	135 220
Total	46 994	57 059	18 389	112 003	21 799	64 230	41 501	1 210	363 186
Total value	110 589	85 178	173 568	366 472	119 829	158 930	50 158	309 297	1 374 020
Quantity									
	t	t	t	t	t	t	t	t	t
Fish									
Tuna	-	-	-	36	-	-	7	12 719 ^b	12 762
Other	11 790	8 304	7 986	15 789	4 496	31 550	2 284	35 266 ^d	117 464
Total	11 790	8 304	7 986	15 825	4 496	31 550	2 291	47 984	130 226
Crustaceans									
Prawns	2 048	22	7 452	1 718	2 155	-	-	10 220 ^e	23 615
Rock lobster	95	399	484	12 036	2 900	1 820	0	201	17 934
Other	1 179	175	1 520	573	602	-	229	4	4 282
Total	3 322	596	9 456	14 326	5 657	1 820	229	10 425	45 832
Molluscs									
Abalone	310	1 440	-	192	885	2 100	-	-	4 927
Scallops	1	9 000	5 189	10 000	170	-	6	-	24 366
Oysters	6 100	4	221	-	106	2 608	-	-	9 039
Other	1 528	509	207	67	985	-	54	600 ^f	3 950
Total	7 939	10 953	5 617	10 260	2 146	4 708	60	600	42 282
Total quantity	23 051	19 853	23 059	40 411	12 298	38 078	2 580	59 009	218 340

^a State totals include estimated value of aquaculture production but exclude inland commercial fisheries. Commonwealth totals include all fisheries under federal jurisdiction. ^b Includes the southern bluefin, east coast and purse seine tuna fisheries. ^c Includes aquacultural values. ^d Includes the fish component of the south east trawl, Great Australian Bight, southern shark and Torres Strait fisheries. ^e Includes the northern prawn, Torres Strait, south east trawl and other fisheries. ^f Includes squid, octopus and cuttlefish from the south east trawl and Great Australian Bight and pearl oyster from Torres Strait. ^p Preliminary. ^s ABARE estimates.

Sources: Australian Fisheries Management Authority; Department of Primary Industry and Energy; New South Wales Department of Agriculture and Fisheries; Queensland Department of Primary Industries; New South Wales Fish Marketing Authority; Melbourne Wholesale Fish Market; Victorian Department of Conservation and Environment; Tasmanian Department of Sea Fisheries; South Australian Department of Fisheries; Western Australian Fisheries Department; Northern Territory Department of Primary Industry and Fisheries; ABARE.

Production

5 New South Wales fisheries production

	1990-91 ^s		1991-92 ^s		1992-93 ^{ps}	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans						
Rock lobster	86	1 672	95	1 945	95	2 619
King prawns	1 050	11 994	856	9 180	856	13 011
School prawns	864	4 010	818	3 832	818	4 826
Other prawns	548	1 857	174	972	174	1 086
Crabs	498	2 285	682	3 337	682	5 047
Other	227	1 255	497	2 808	497	2 808
Total ^a	3 273	23 073	3 122	22 074	3 122	29 397
Molluscs						
Abalone	326	6 879	285	5 130	310	6 510
Scallops	5	17	1	13	1	11
Cuttlefish	186	205	208	234	208	281
Pipi	290	384	212	258	212	358
Octopus and squid	741	1 783	1 083	2 549	1 083	4 364
Total ^a	1 548	9 268	1 789	8 184	1 814	11 524
Fish						
Sea mullet	3 502	2 887	2 959	2 778	2 959	4 468
Silver trevally	840	814	382	399	382	562
Yellowtail kingfish	377	1 188	367	1 261	367	1 696
Jack mackerel	34	21	38	23	38	24
Black and yellowfin bream	520	2 617	477	2 437	477	3 816
Australian salmon	339	435	629	682	629	704
Snapper	380	2 459	490	3 175	490	3 807
Rubberlip morwong	195	498	145	368	145	515
Mulloway	150	781	148	732	148	1 021
Sand whiting	156	1 001	172	923	172	1 299
Luderick	692	514	543	443	543	706
Other	5 182	11 307	3 746	7 446	5 100	11 060
Total ^a	12 367	24 523	10 096	20 667	11 450	29 678
Aquaculture						
Prawns and yabbies	196	2 086	200	2 140	200	2 140
Oysters	6 100	31 396	6 100	31 415	6 100	31 415
Fish	337	2 286	340	2 380	340	2 380
Other	25	4 010	25	4 055	25	4 055
Total	6 658	39 778	6 665	39 990	6 665	39 990
Total production	23 846	96 642	21 672	90 915	23 051	110 589

^a Excludes catches in the south east and east coast tuna fisheries. ^p Preliminary. ^s ABARE estimates.

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

Production

6 Victorian fisheries production

	1990-91 ^a		1991-92		1992-93 ^{ps}	
	t	\$'000	t	\$'000 ^s	t	\$'000
Crustaceans						
Rock lobster	361	7 236	440	9 240	399	7 283
Prawns	15	35	20	47	22	42
Crabs	41	143	98	363	60	168
Other	115	294	110	275	110	110
Total	532	7 708	668	9 924	591	7 603
Molluscs						
Abalone	1 436	26 034	1 500	27 000	1 440	43 200
Scallops	1 638	2 746	3 918	7 248	9 000	12 600
Squid	159	491	224	997	182	517
Octopus	25	48	25	50	27	62
Total	3 258	29 319	5 667	35 295	10 649	56 379
Fish						
Pilchards	2 370	2 069	2 370	2 133	2 078	2 098
Bream	181	871	139	639	185	891
River garfish	115	390	136	453	127	437
Shark	25	127	25	105	25	127
Snapper	159	901	110	622	141	786
Eels	200	1 110	252	2 520	267	892
Grass whiting	50	66	79	90	67	77
King george whiting	157	1 221	178	872	206	1 394
Other	4 598	7 324	3 700	5 920	3 700	3 700
Total	7 855	14 079	6 989	13 354	6 796	10 402
Aquaculture						
Mussels	300	660	300	660	300	660
Yabbies	20	200	5	60	5	60
Trout	700	3 010	1 300	6 500	1 300	6 500
Oysters	3	16	4	20	4	20
Eels	200	1 500	200	1 500	200	1 500
Other	13	2 234	8	2 054	8	2 054
Total	1 236	7 620	1 817	10 794	1 817	10 794
Total production	12 881	58 726	15 141	69 367	19 853	85 178

^p Preliminary. ^s ABARE estimates.

Sources: Melbourne Wholesale Fish Market; Victorian Department of Conservation and Environment; ABARE.

Production

7 Queensland fisheries production

	1990-91		1991-92		1992-93 ^{ps}	
	t	\$'000 ^s	t	\$'000 ^s	t	\$'000
Crustaceans						
Prawns	6 933	55 572	6 552	73 223	6 552	71 743
Crabs	1 545	7 609	1 506	7 938	1 520	8 979
Lobster (mainly bugs)	413	3 752	484	5 321	484	4 630
Total	8 891	66 934	8 542	86 483	8 556	85 352
Molluscs						
Scallops	6 447	22 042	4 190	14 663	5 189	16 603
Squid	209	834	207	518	207	932
Total	6 656	22 876	4 397	15 181	5 396	17 536
Fish						
Snapper	120	593	104	728	104	728
Barramundi	783	3 913	449	4 041	449	4 714
Bream (including tarwhine)	170	679	191	381	191	381
Mullet	1 611	2 743	2 001	6 582	2 001	8 976
Tailor	143	436	120	239	120	239
Whiting	1 832	3 978	539	2 084	539	2 838
Coral trout	1 447	10 130	1 288	10 305	1 288	16 746
Red emperor	65	440	44	266	44	244
Spanish mackerel	569	2 846	530	2 386	530	3 447
Grey mackerel	287	1 261	221	664	221	1 217
Other species	2 898	10 471	2 349	9 173	2 349	10 732
Total	9 925	37 490	7 836	36 850	7 836	50 263
Aquaculture						
Prawns	624	6 799	725	8 518	900	13 500
Barramundi and other	93	1 037	146	1 727	146	4 200
Oysters	221	1 012	221	854	221	854
Other	33	2 338	4	1 864	4	1 864
Total	971	11 185	1 096	12 963	1 271	20 418
Total production	26 443	138 484	21 871	151 477	23 059	173 568

^p Preliminary. ^s ABARE estimates.

Sources: Queensland Department of Primary Industries; ABARE.

Production

8 Western Australian fisheries production

	1990-91		1991-92		1992-93 ^{ps}	
	t	\$'000 ^a	t	\$'000 ^a	t	\$'000
Crustaceans						
Lobster	9 262	194 722	12 202	252 150	12 036	216 492
Prawns	3 152	25 719	3 085	25 158	1 718	13 329
Crabs	315	1 738	270	1 191	167	751
Other	8	47	8	49	5	28
Total	12 738	222 225	15 565	278 547	13 925	230 599
Molluscs						
Abalone	302	7 359	309	8 199	192	4 811
Scallops	6 264	17 164	20 539	57 510	10 000	28 000
Mussels	158	304	124	263	19	40
Squid	73	261	62	240	33	126
Other	9	10	11	18	16	26
Total	6 807	25 099	21 046	66 229	10 260	33 003
Fish						
Tuna	262	410	168	244	36	57
Shark	1 923	4 433	2 136	4 998	1 321	2 973
Australian salmon	2 119	774	1 306	483	2 000	900
Snapper	1 284	3 815	1 192	3 848	567	1 752
Cobbler	187	499	207	945	134	610
West Australian jewfish	219	1 493	183	1 174	103	664
Spanish mackerel	265	1 040	389	1 422	220	804
Sea mullet	427	515	492	716	362	526
Yelloweye mullet	—	—	229	229	121	97
Pilchards	9 106	4 185	7 327	3 945	7 500	4 500
Australian herring	1 518	608	1 298	519	530	239
Whiting	207	630	196	750	113	431
Other	2 662	5 758	3 649	9 862	2 819	8 160
Total	20 179	24 158	18 774	29 088	15 825	21 713
Aquaculture						
Pearls ^a	—	126 187	—	79 000	—	79 000
Other	210	1 149	401	2 157	401	2 157
Total	210	127 336	401	81 157	401	81 157
Total production	39 934	398 818	55 786	455 021	40 411	366 472

^a Includes an estimate of pearl production in Western Australia and the Northern Territory. ^p Preliminary. ^s ABARE estimates.
Sources: Western Australian Fisheries Department; ABARE.

Production

9 South Australian fisheries production

	1990-91		1991-92		1992-93 ^{ps}	
	t	\$'000 ^s	t	\$'000	t	\$'000
Crustaceans						
Prawns	2 086	21 716	2 155	19 653	2 155	19 653
Rock lobster	2 666	44 931	3 162	57 752	2 900	57 670
Other	583	2 158	527	1 739	583	2 158
Total	5 335	68 805	5 844	79 144	5 638	79 481
Molluscs						
Abalone	863	14 008	885	15 095	885	18 690
Pipi	293	232	441	414	441	414
Squid	279	1 069	329	1 180	329	1 180
Other	387	847	504	1 491	385	845
Total	1 822	16 156	2 159	18 180	2 040	21 129
Fish						
Australian salmon	508	497	601	673	601	673
Mullet	152	168	128	157	128	157
Tommy ruff	308	256	363	348	363	348
Shark ^a	—	—	—	—	—	—
Snapper	457	1 745	437	1 770	437	1 770
King george whiting	692	4 178	750	5 279	750	5 279
Garfish	454	1 315	514	1 645	514	1 645
Oceanjackets	949	1 104	1 008	1 109	1 008	1 109
Other species	545	1 303	667	1 427	546	1 302
Total	4 065	10 566	4 468	12 408	4 347	12 283
Aquaculture						
Yabbies and marron	19	292	14	170	19	292
Oysters	106	448	139	669	106	670
Trout	29	214	32	231	29	214
Other	140	1 049	107	1 383	120	5 760
Total	293	2 003	292	2 453	273	6 936
Total production	11 515	97 530	12 763	112 185	12 298	119 829

^a Shark included in southern shark fishery. ^p Preliminary. ^s ABARE estimates.
Sources: South Australian Department of Fisheries; ABARE.

Production

10 Tasmanian fisheries production

	1990-91		1991-92		1992-93 ^{ps}	
	t	\$'000 ^s	t	\$'000 ^s	t	\$'000
Crustaceans						
Lobster	1 755	30 657	1 800	30 600	1 820	33 700
Total	1 755	30 657	1 800	30 600	1 820	33 700
Molluscs						
Abalone	2 227	37 840	2 100	42 000	2 100	52 000
Total	2 227	37 840	2 100	42 000	2 100	52 000
Fish						
Shark	1 820	6 263	1 800	6 200	1 800	6 300
Other	25 678	7 255	25 700	7 300	25 750	7 700
Total	27 497	13 518	27 500	13 500	27 550	14 000
Aquaculture						
Salmon	2 650	31 800	3 020	36 240	3 400	40 800
Trout	620	5 188	600	5 500	600	5 500
Oysters and mussels	2 837	10 320	2 608	10 974	2 608	12 230
Other	-	616	-	675	-	700
Total	6 107	47 924	6 228	53 389	6 608	59 230
Total production	37 587	129 939	37 628	139 489	38 078	158 930

^p Preliminary. ^s ABARE estimates.

Sources: Tasmanian Department of Sea Fisheries; ABARE.

Production

11 Northern Territory fisheries production

	1990-91		1991-92		1992-93 ^{ps}	
	t	\$'000 ^s	t	\$'000 ^s	t	\$'000
Crustaceans						
Crab	112	731	196	1 377	210	2 056
Other crustaceans	12	187	19	84	19	138
Total	124	917	215	1 460	229	2 195
Molluscs						
Scallops	14	35	9	23	6	12
Squid	10	28	4	8	4	16
Pearls ^a	na	125	na	1 750	na	1 225
Other	4	7	25	44	50	248
Total	27	195	37	1 826	60	1 501
Fish						
Tuna	24	25	26	8	7	3
Shark	348	467	495	841	529	935
Snapper	339	1 113	529	1 592	457	1 192
Barramundi	464	1 748	457	1 689	451	2 073
Threadfin salmon	266	413	199	291	221	419
Mackerel	410	990	386	876	248	727
Jewfish	31	79	38	81	32	88
Emperor	96	333	103	289	86	248
Cod	44	96	55	145	32	80
Other	578	876	209	550	226	697
Total	2 602	6 140	2 496	6 360	2 291	6 462
Aquaculture	6	1 290	8	942	na	40 000 ^b
Total production	2 759	8 542	2 756	10 589	2 580	50 158

^a Production includes all pearls oysters taken, including those sold for 'mother-of-pearl'. ^b Includes pearls, prawn, barramundi and aquarium. Aquacultural values are estimates derived from a limited number of operators. na Not available. p Preliminary. ^s ABARE estimates. Sources: Northern Territory Department of Primary Industry and Fisheries; ABARE.

Production

12 Commonwealth fisheries production

	1990-91 ^a		1991-92 ^a		1992-93 ^{DB}	
	t	\$'000	t	\$'000	t	\$'000
Northern prawn						
Prawn						
Tiger	3 364	58 044	4 142	60 003	2 837	48 304
Banana	6 987	49 692	2 508	22 518	4 166	43 138
Endeavour	727	5 658	1 054	7 552	794	6 744
King	109	1 039	78	554	47	419
Total	11 187	114 433	7 781	90 626	7 844	98 605
Torres Strait						
Prawn						
Tiger	674	7 190	764	7 763	816	9 712
Endeavour	933	5 759	989	5 549	1 008	6 587
King	57	493	58	293	50	280
Other	9	57	6	23	4	18
Total	1 673	13 499	1 816	13 629	1 879	16 597
Tropical rock lobster	171	4 452	147	4 000	175	4 500
Spanish mackerel	106	845	100	500	110	550
Pearls	—	2 500	—	100	—	100
Total	1 950	21 295	2 063	18 229	2 164	21 747
Other fisheries ^a	486	4 518	292	4 138	329	3 968
South east						
Orange roughy	33 111	41 389	19 082	42 500	12 351	27 508
Blue grenadier	3 347	4 257	3 061	5 414	3 174	5 613
Tiger flathead	2 120	3 199	2 202	2 821	1 555	3 169
Redfish	1 007	939	1 516	1 144	879	875
Blue warehou	1 043	1 146	1 365	1 435	1 264	2 646
Silver warehou	1 769	1 747	1 109	1 071	969	935
School whiting	1 840	1 759	988	1 010	898	1 214
Morwong	1 053	1 980	833	1 179	920	2 152
Ling	720	1 718	615	1 628	776	2 936
Gemfish	1 120	2 576	375	928	739	2 383
Silver trevally	401	351	250	239	163	156
Mirror dory	297	397	237	361	236	506
Royal red prawn	301	686	223	552	166	411
Ocean perch	156	331	179	332	270	703
John dory	156	790	154	679	98	430
Blue eye	99	394	46	172	94	354
Other	3 795	4 953	5 498	7 536	6 653	8 945
Total	52 337	68 612	37 732	69 000	31 205	60 935

(Continued on next page)

Production

12 Commonwealth fisheries production (continued)

	1990-91 ^s		1991-92 ^a		1992-93 ^{ps}	
	t	\$'000	t	\$'000	t	\$'000
Great Australian Bight						
Orange roughy	959	1 199	627	1 762	458	1 017
King flathead	365	514	621	785	508	642
Gemfish	172	162	274	468	132	226
Bight redfish	40	62	131	172	44	58
Jackass morwong	53	103	81	96	68	80
King dory	12	21	63	90	27	39
Blue grenadier	32	63	50	83	45	74
Spiky oreo	23	45	46	58	21	24
Ling	28	23	33	30	17	15
Squid	27	61	32	69	5	11
Other	433	661	178	317	173	256
Total	2 144	2 914	2 136	3 929	1 499	2 442
Southern shark						
School and gummy	2 361	12 988	2 134	13 529	2 003	11 876
Other shark	368	1 105	613	1 236	583	1 245
Other	638	2 550	638	2 617	664	2 791
Total	2 801	16 643	3 385	17 383	3 250	15 912
East coast tuna						
Yellowfin	569	4 500	628	4 998	626	4 977
Southern bluefin	8	300	-	-	-	-
Albacore	86	200	177	407	174	399
Bigeye	14	150	26	247	26	248
Billfish	36	150	62	312	60	300
Skipjack	-	-	208	125	212	128
Other fish	283	1 464	143	768	149	1 000
Total	997	6 764	1 244	6 857	1 246	7 052
East coast purse seine						
Yellowfin	40	150	-	-	-	-
Skipjack	6 000	3 600	6 633	3 980	6 630	3 978
Albacore	-	-	1	3	1	3
Bigeye	-	-	-	-	-	-
Total	6 040	3 750	6 634	3 983	6 631	3 981
Southern bluefin tuna						
Domestic	3 059	14 100	2 142	11 049	1 741	9 962
Joint venture	941	30 110	2 073	37 936	2 450	66 934
Other	344	11 344	800	14 640	650	17 758
Total	4 343	55 554	5 015	63 625	4 841	94 654
Total production	82 285	294 484	66 283	277 769	59 009	309 297

^a Includes north west slope and Kimberly coast prawn fisheries. ^{na} Not available. ^p Preliminary. ^s ABARE estimates.
Sources: Department of Primary Industries and Energy; Australian Fisheries Management Authority; ABARE.

Exports

13 Australian exports of fisheries products

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live	na	1 656	na	2 636	na	4 620
Fresh, chilled or frozen						
Whole						
Tuna ^a	1 202	3 647	2 421	7 734	1 671	6 490
Other	7 159	35 218	3 665	14 909	5 609	37 147
Fillets	8 284	53 568	6 649	60 329	5 289	50 348
Canned	81	475	198	978	171	858
Dried, salted and smoked	98	1 878	118	2 957	93	4 383
Other fish products	1 892	9 587	2 187	14 046	2 512	20 803
Total fish ^b	18 716	106 029	15 238	103 588	15 345	124 649
Crustaceans and molluscs						
Canned	71	912	50	377	54	542
Other						
Rock lobster	8 745	255 999	12 246	379 427	13 599	383 963
Prawns	12 565	183 261	9 925	142 997	8 949	154 920
Abalone	2 888	114 923	3 172	129 599	3 032	168 092
Scallops	1 407	30 074	3 064	44 943	5 275	79 134
Oysters	22	227	13	220	33	330
Other	2 021	27 944	2 360	29 250	3 296	38 667
Total crustaceans and molluscs	27 719	613 339	30 830	726 813	34 239	825 649
Total edible ^b	46 435	719 368	46 068	830 400	49 584	950 298
Non-edible						
Marine fats and oils	na	567	na	1 598	na	1 876
Fish meal	na	127	na	46	na	145
Pearls	na	102 939	na	142 081	na	129 380
Ornamental fish	na	605	na	771	na	1 312
Other non-edible	na	7 169	na	5 537	na	6 597
Total non-edible	na	111 407	na	150 032	na	139 310
Total fisheries products	na	830 776	na	980 433	na	1 089 608

^a Exports of tuna landed in Australia. Tuna transhipped at sea or captured under joint venture or bilateral agreements are not included. Tuna exports captured under joint venture agreements were estimated to be valued on Japanese markets at around \$90m in 1991-92. ^b Excludes live tonnage, but includes live value. ^p Preliminary. na Not available.

Sources: Australian Bureau of Statistics; ABARE.

Exports

14 Summary of Australian exports of fish

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Tuna ^a						
Whole						
Fresh or chilled	961	3 076	2 141	6 211	612	4 150
Frozen	241	571	279	1 523	1 059	2 340
Canned	25	138	34	188	38	225
Other	502	1 545	249	935	762	4 582
Total	1 729	5 330	2 704	8 857	2 471	11 297
Salmon						
Fresh or chilled	1 564	16 546	468	4 403	1 479	17 907
Frozen	159	1 491	71	783	187	2 575
Smoked	5	87	14	293	12	298
Total	1 728	18 123	553	5 478	1 677	20 779
Other fish						
Live	na	1 656	na	2 636	na	4 620
Whole						
Fresh or chilled	356	1 020	171	1 061	445	3 246
Frozen						
Whiting	3 027	6 416	1 117	2 138	1 569	2 860
Other	2 053	9 746	1 838	6 526	1 929	10 559
Fillets						
Fresh or chilled	394	3 397	1 530	19 212	161	1 910
Frozen	7 890	50 171	5 119	41 116	5 128	48 438
Other (fresh, chilled or frozen)	1 211	7 519	1 093	9 639	1 442	14 076
Canned	56	338	163	790	134	633
Dried, salted and smoked	93	1 791	104	2 664	82	4 085
Other	178	523	845	3 471	308	2 144
Total ^b	15 258	82 576	11 980	89 253	11 198	92 573
Total fish ^b	18 715	106 029	18 716	103 588	15 207	124 649

^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.

Sources: Australian Bureau of Statistics; ABARE.

Exports

15 Summary of Australian exports of crustaceans and molluscs

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Rock lobster						
Whole						
Fresh, chilled or frozen	6 380	170 221	9 022	255 188	10 261	268 605
Cooked	427	10 246	758	19 708	1 228	32 552
Tails (fresh, chilled or frozen)	1 605	68 158	2 083	98 905	1 789	73 922
Other	332	7 372	383	5 626	321	8 884
Total	8 745	255 999	12 246	379 427	13 599	383 963
Prawns						
Headless	2 118	32 708	1 166	18 623	2 090	39 320
Whole	10 282	148 935	8 554	122 290	6 675	113 780
Other	166	1 617	205	2 084	184	1 820
Total	12 565	183 261	9 925	142 997	8 949	154 920
Abalone						
Fresh, chilled or frozen	877	32 667	1 034	38 349	1 285	60 934
Canned	2 012	82 256	2 138	91 249	1 747	107 158
Total	2 888	114 923	3 172	129 599	3 032	168 092
Scallops						
Fresh, chilled or frozen	1 379	29 632	2 956	43 574	5 177	77 734
Crumbed	15	159	-	-	-	-
Other	13	282	107	1 369	98	1 401
Total	1 407	30 074	3 064	44 943	5 275	79 134
Other	2 114	29 083	2 422	29 848	3 384	39 539
Total crustaceans and molluscs	27 719	613 339	30 830	726 813	34 239	825 649

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Exports

16 Australian exports of edible fish, by destination

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Fresh, chilled or frozen fish						
Tuna ^a						
Japan	1 527	4 871	1 362	6 899	1 424	9 444
Other	177	321	1 308	1 770	1 009	1 629
Total	1 704	5 192	2 669	8 669	2 433	11 072
Salmon						
Japan	1 650	17 418	484	4 584	1 367	16 922
United States	24	197	16	23	73	712
Other	49	422	39	578	226	2 848
Total	1 723	18 037	539	5 185	1 665	20 481
Whiting						
Hong Kong	236	475	22	46	386	650
Japan	1 256	2 898	543	1 196	261	575
Taiwan	627	1 284	36	48	503	833
Thailand	927	1 858	700	1 293	482	917
Other	3 438	7 308	1 358	2 665	1 741	3 186
Total	3 438	7 308	1 358	2 665	1 741	3 186
Other fish						
Hong Kong	115	312	174	1 140	694	4 080
Japan	1 621	8 098	2 139	22 140	1 513	8 843
Singapore	41	153	47	225	222	1 200
Taiwan	191	2 570	317	4 119	733	10 669
United States	7 395	51 901	4 530	42 141	3 869	45 428
Other	2 130	7 928	2 304	7 263	1 902	7 685
Total	11 493	70 961	9 511	77 027	8 934	77 905
Canned fish						
Tuna						
New Zealand	13	61	15	61	15	77
Papua New Guinea	3	17	2	13	5	28
Singapore	2	15	5	36	9	75
United Kingdom	—	—	—	—	—	—
United States	—	—	4	20	—	—
Other	7	44	8	56	8	45
Total	25	138	34	188	38	225
Other						
Fiji	1	8	—	9	19	33
Hong Kong	3	34	6	35	1	18
Korea, Republic of	4	8	—	—	—	—
Nauru	3	14	8	49	7	74
New Zealand	30	126	55	236	37	155
Papua New Guinea	3	17	3	24	8	38
Other	11	131	91	436	62	315
Total	56	338	163	790	134	633

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

Sources: Australian Bureau of Statistics; ABARE.

Exports

17 Australian exports of fresh, chilled or frozen fish, by destination

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Fresh or chilled						
Whole						
Tuna ^a						
Canada	-	-	-	-	4	17
Japan	942	3 030	985	4 750	542	3 788
United States	5	12	1	4	50	201
Other	14	34	1 156	1 456	16	144
Total	961	3 076	2 141	6 211	612	4 150
Other						
Hong Kong	37	138	43	504	120	1 585
Japan	1 632	16 670	507	4 385	1 393	15 819
Taiwan	16	37	42	361	191	1 770
United States	43	333	2	20	83	783
Other	192	388	45	193	137	1 194
Total	1 920	17 566	639	5 463	1 924	21 152
Fillets						
Japan	75	441	1 295	16 608	23	197
United States	299	2 747	213	2 312	69	692
Other	20	209	22	292	69	1 020
Total	394	3 397	1 530	19 212	161	1 910
Frozen						
Whole						
Tuna						
Japan	223	546	128	1 214	123	1 092
Samoa	18	25	-	-	860	1 114
Other	-	-	151	309	76	134
Total	241	571	279	1 523	1 059	2 340
Other whole fish						
Hong Kong	193	341	116	542	501	2 113
Japan	1 746	4 937	730	2 877	944	4 310
New Zealand	238	434	162	299	85	189
Taiwan	405	923	142	304	684	2 715
United States	701	5 134	146	1 096	99	1 228
Other	1 957	5 883	1 731	4 330	1 371	5 440
Total	5 239	17 652	3 026	9 446	3 685	15 994
Fillets						
Japan	849	4 367	383	1 833	671	3 950
United Kingdom	123	360	88	351	139	360
United States	6 333	43 375	3 987	36 804	3 499	41 227
Other	586	2 069	662	2 129	820	2 901
Total	7 890	50 171	5 119	41 116	5 128	48 438

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

Sources: Australian Bureau of Statistics; ABARE.

Exports

18 Australian exports of crustaceans, by destination

	1990-91		1991-92		1992-93 p	
	t	\$'000	t	\$'000	t	\$'000
Rock lobster						
Whole						
Live, fresh or chilled						
Hong Kong	532	13 165	840	23 160	1 764	50 768
Japan	1 058	33 807	1 277	41 474	1 748	56 080
Singapore	32	797	39	1 113	72	2 159
Taiwan	389	9 621	943	25 080	1 917	47 160
United States	7	248	38	1 504	9	371
Other	95	2 453	99	2 695	98	2 583
Total	2 112	60 093	3 236	95 027	5 607	159 122
Frozen						
Hong Kong	62	1 315	99	2 489	29	745
Japan	2 589	70 390	2 751	77 976	2 533	63 867
Singapore	41	1 004	42	1 152	15	387
Taiwan	1 369	31 679	2 676	71 190	1 994	41 985
United States	112	3 591	185	6 489	59	2 099
Other	95	2 150	33	865	24	402
Total	4 269	110 129	5 786	160 160	4 654	109 484
Cooked						
Japan	219	6 233	326	9 341	799	20 512
Singapore	36	940	38	1 069	10	295
Taiwan	169	3 019	338	7 655	315	7 919
Other	2	55	56	1 643	103	3 827
Total	427	10 246	758	19 708	1 228	32 552
Tails						
Fresh, chilled or frozen						
Hong Kong	39	1 729	40	1 969	81	2 949
Japan	103	3 902	80	3 504	208	8 239
Singapore	9	255	5	169	23	647
Taiwan	6	253	21	611	111	3 524
United States	1 433	61 568	1 932	92 451	1 348	58 090
Other	15	452	6	201	18	472
Total	1 605	68 158	2 083	98 905	1 789	73 922
Other						
Japan	258	5 461	290	2 887	33	463
Taiwan	42	938	49	1 362	-	10
United States	12	685	22	1 116	279	8 249
Other	20	289	23	261	9	162
Total	332	7 372	383	5 626	321	8 884
Total rock lobster	8 745	255 999	12 246	379 427	13 599	383 963

(Continued on next page)

Exports

18 Australian exports of crustaceans, by destination (continued)

	1990-91		1991-92		1992-93 ^b	
	t	\$'000	t	\$'000	t	\$'000
Prawns						
Headless						
Hong Kong	23	179	14	165	97	1 206
Japan	1 519	24 854	1 003	16 372	1 798	35 706
Spain	39	344	39	489	87	973
Other	536	7 332	110	1 597	108	1 435
Total	2 118	32 708	1 166	18 623	2 090	39 320
Whole						
Hong Kong	200	2 107	170	1 789	366	4 550
Italy	163	1 945	146	1 845	20	265
Japan	5 576	99 161	4 934	83 676	4 387	87 292
Spain	3 046	32 849	1 680	18 068	771	8 821
Taiwan	72	1 061	21	421	20	301
United States	38	511	49	509	14	324
Other	1 185	11 301	1 554	15 981	1 097	12 229
Total	10 282	148 935	8 554	122 290	6 675	113 780
Other						
Japan	13	83	14	336	16	90
Singapore	46	467	22	164	11	149
Sweden	25	239	34	329	8	80
Other	83	827	135	1 255	149	1 501
Total	166	1 617	205	2 084	184	1 820
Total prawns	12 565	183 261	9 925	142 997	8 949	154 920

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Exports

19 Australian exports of molluscs, by destination

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Abalone						
Fresh, chilled or frozen						
Hong Kong	160	8 408	195	10 668	230	18 707
Japan	684	23 004	752	24 851	961	37 925
Singapore	21	933	25	1 277	25	1 701
Taiwan	2	50	22	967	47	1 850
United States	—	11	32	485	6	224
Other	9	261	8	102	16	527
Total	877	32 667	1 034	38 349	1 285	60 934
Canned						
Hong Kong	379	15 191	338	14 277	230	13 818
Japan	842	35 672	900	39 395	751	46 887
Singapore	188	7 414	213	8 666	173	10 617
Taiwan	486	19 599	578	24 436	465	29 477
United States	57	2 243	63	2 522	40	2 518
Other	59	2 137	46	1 953	87	3 841
Total	2 012	82 256	2 138	91 249	1 747	107 158
Scallops						
Fresh, chilled or frozen						
Hong Kong	1 079	24 141	1 280	21 518	1 659	27 876
Singapore	184	3 401	243	3 566	379	6 055
Other	116	2 090	1 433	18 490	3 140	43 803
Total	1 379	29 632	2 956	43 574	5 177	77 734

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Exports

20 Australian exports of fisheries products, by destination

	1990-91		1991-92		1992-93 p	
	t	\$'000	t	\$'000	t	\$'000
Edible (excluding live)						
China	582	3 739	7	120	127	747
Germany	279	2 692	251	1 895	321	3 553
France	148	3 394	586	9 634	1 494	21 965
Hong Kong	2 938	69 753	3 757	89 077	6 335	139 173
Italy	401	3 461	230	3 284	100	1 559
Japan	20 185	355 684	18 031	347 024	18 595	405 588
Korea, Republic of	76	2 015	476	3 692	123	2 904
New Zealand	525	2 150	663	3 165	483	3 124
Saudi Arabia	425	612	1 122	5 522	548	1 989
Singapore	771	17 543	1 434	20 705	1 264	26 887
South Africa	108	1 500	27	271	18	301
Spain	3 326	35 302	1 955	20 916	1 082	12 128
Taiwan	3 734	72 566	5 515	139 974	7 730	158 594
Thailand	1 732	8 475	1 952	5 920	972	5 178
United States	9 581	128 965	7 925	160 702	7 114	139 050
Other	1 624	9 863	2 136	15 865	3 279	22 937
Total	46 435	717 713	46 067	827 765	49 584	945 677
Non-edible						
China	na	58	na	7	na	89
Germany	na	746	na	1 689	na	1 679
France	na	263	na	496	na	2
Hong Kong	na	7 944	na	21 957	na	22 312
Italy	na	1 479	na	1 622	na	1 543
Japan	na	80 575	na	104 482	na	84 875
Korea, Republic of	na	2 177	na	1 847	na	2 903
New Zealand	na	802	na	716	na	747
Singapore	na	379	na	1 824	na	1 221
Switzerland	na	1 116	na	3 391	na	4 781
Spain	na	386	na	445	na	840
Taiwan	na	92	na	1 077	na	1 739
Thailand	na	79	na	215	na	2 108
United States	na	13 372	na	9 117	na	12 077
Other	na	1 938	na	1 148	na	2 393
Total	na	111 407	na	150 032	na	139 310
Total exports	na	829 120	na	977 797	na	1 084 987

p Preliminary. na Not available

Sources: Australian Bureau of Statistics; ABARE.

Exports

21 Australian exports of seafood to selected countries, by product ^a

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Hong Kong						
Dried, salted or smoked fish	18	1 103	42	2 147	46	3 143
Other fish	371	977	261	1 807	1 189	6 089
Rock lobster	633	16 223	994	27 881	1 881	54 677
Prawns	236	2 488	186	1 969	465	5 773
Abalone	540	23 599	533	24 946	460	32 525
Scallops	1 089	24 361	1 330	22 228	1 693	28 557
Other	51	1 002	411	8 099	601	8 409
Total	2 938	69 753	3 757	89 077	6 335	139 173
Japan						
Tuna (whole)	1 165	3 576	1 113	5 964	666	4 880
Fillets	924	4 808	1 678	18 440	694	4 147
Dried, salted or smoked fish	3	37	-	6	1	13
Other fish	3 977	25 006	1 990	11 209	3 217	26 890
Rock lobster	4 227	119 793	4 723	135 182	5 321	149 162
Prawns	7 109	124 098	5 950	100 384	6 200	123 088
Abalone	1 526	58 676	1 651	64 246	1 712	84 812
Scallops	15	253	5	25	7	93
Other	1 239	19 437	921	11 568	777	12 503
Total	20 185	355 684	18 031	347 024	18 595	405 588
Singapore						
Tuna (whole)	4	17	400	320	-	5
Fillets	24	108	9	64	41	199
Dried, salted or smoked fish	23	394	18	390	22	755
Canned fish	3	43	60	305	37	221
Other fish	55	270	215	969	303	1 535
Rock lobster	119	2 997	132	3 521	119	3 490
Prawns	103	946	65	614	74	847
Abalone	209	8 347	238	9 943	198	12 318
Scallops	187	3 459	244	3 582	379	6 066
Other	44	962	53	997	91	1 451
Total	771	17 543	1 434	20 705	1 264	26 887

(Continued on next page)

Exports

21 Australian exports of seafood to selected countries, by product ^a (continued)

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Taiwan						
Fish	818	3 877	419	4 889	1 433	13 586
Rock lobster	1 975	45 510	4 027	105 898	4 337	100 598
Prawns	72	1 061	23	455	36	451
Abalone	488	19 649	600	25 403	512	31 328
Scallops	11	193	80	1 069	161	2 556
Other	370	2 276	366	2 260	1 251	10 075
Total	3 734	72 566	5 515	139 974	7 730	158 594
United States						
Fillets	6 632	46 122	4 199	39 117	3 568	41 919
Canned fish	—	—	4	20	—	—
Other fish	807	6 023	384	3 258	430	4 509
Rock lobster	1 564	66 092	2 221	102 820	1 780	72 064
Prawns	462	6 568	98	1 349	38	776
Abalone	57	2 253	95	3 006	46	2 742
Scallops	6	115	794	9 073	1 174	15 458
Other	53	1 792	130	2 059	78	1 582
Total	9 581	128 965	7 925	160 702	7 114	139 050

^a Excludes live. ^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Imports

22 Summary of Australian imports of fisheries products

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Edible						
Fish						
Live fish	na	15	na	22	na	18
Fresh, chilled or frozen						
Fresh or chilled whole	1 736	8 880	2 026	9 910	2 066	10 245
Frozen whole	10 354	16 833	13 460	22 129	10 819	19 556
Fresh or chilled fillets	352	1 912	411	2 379	356	1 928
Frozen fillets	22 302	76 006	24 913	90 480	24 792	93 999
Other	4 340	10 972	3 361	10 282	4 924	13 207
Canned fish	20 840	97 425	23 907	108 544	22 306	119 159
Smoked, dried or salted fish	2 247	15 610	2 492	15 702	2 226	17 333
Other fish preparations	5 640	24 045	6 483	30 984	6 523	32 416
Total ^a	67 811	251 697	77 053	290 430	74 012	307 860
Crustaceans and molluscs						
Fresh, chilled or frozen						
Prawns	12 505	114 994	11 931	108 579	12 281	119 467
Lobster	275	4 751	218	3 688	163	2 607
Scallops	1 281	16 632	577	7 208	340	3 864
Oysters	363	2 823	458	3 376	402	2 865
Mussels	1 952	5 575	1 761	4 750	1 721	3 917
Other	5 043	25 298	6 191	23 489	5 570	20 018
Canned	1 979	13 003	2 216	16 023	2 023	17 559
Extracts and pastes	108	691	103	538	79	479
Other	1 799	9 356	1 975	10 440	1 915	10 209
Total	25 305	193 123	25 430	178 091	24 494	180 986
Total edible ^a	93 116	444 820	102 483	468 521	98 506	488 847
Non-edible						
Pearls	na	14 069	na	11 910	na	10 259
Fish meal	19 297	9 555	30 347	16 974	19 492	10 472
Ornamental fish	na	2 446	na	2 488	na	2 555
Marine fats and oils	na	1 265	na	1 268	na	1 550
Other marine products	12 836	8 310	9 770	7 389	18 467	12 417
Total non-edible	na	35 644	na	40 029	na	37 253
Total fisheries products	na	480 465	na	508 550	na	526 099

^a Excludes live tonnage, but includes live value. ^p Preliminary. **na** Not available.
 Sources: Australian Bureau of Statistics; ABARE.

Imports

23 Summary of Australian imports of fish

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Salmon						
Smoked	263	5 229	147	2 834	152	3 094
Frozen	13	174	91	90	349	450
Fresh or chilled	2	49	2	20	-	3
Total ^b	278	5 452	240	2 944	501	3 547
Hake						
Frozen						
Fillets	12 379	36 815	12 773	39 880	12 882	41 394
Whole	360	1 591	203	911	405	2 115
Mince	1 840	2 976	1 317	2 812	2 892	5 288
Other	-	-	-	-	-	-
Total	14 579	41 381	14 293	43 603	16 179	48 797
Tuna						
Whole						
Fresh or chilled	6	44	4	20	4	21
Frozen	3 166	3 691	3 241	3 564	2 648	3 233
Total ^b	3 172	3 735	3 245	3 584	2 652	3 254
Other fish						
Live	na	15	na	22	na	18
Fresh or chilled whole	1 728	8 787	2 021	9 870	2 062	10 221
Frozen whole	6 815	11 377	9 925	17 564	7 417	13 758
Fresh or chilled fillets	352	1 912	411	2 379	356	1 928
Frozen fillets	9 923	39 191	12 140	50 600	11 910	52 604
Other fresh, chilled or frozen products	2 500	7 997	2 044	7 470	2 032	7 919
Canned fish						
Salmon	6 820	43 940	9 977	54 947	7 537	59 895
Tuna	7 848	23 839	8 068	25 189	8 984	29 726
Herrings	1 078	4 210	982	4 036	824	3 745
Sardines	3 545	15 693	3 209	14 251	3 089	15 024
Anchovy	451	5 784	431	5 591	384	4 919
Other	1 099	3 958	1 239	4 530	1 487	5 849
Total	20 840	97 425	23 907	108 544	22 306	119 159
Smoked						
Herrings	261	1 034	95	422	110	499
Liver and roes	1	7	2	34	2	40
Other	1 085	4 745	1 597	6 818	1 223	6 159
Total	1 347	5 786	1 693	7 274	1 335	6 699
Dried	304	2 894	372	3 878	367	5 036
Salted	332	1 700	279	1 716	372	2 505
Other fish preparations						
Fish meal	10	338	2	114	-	-
Fishballs, fishcakes, sausages	2 207	7 950	2 210	9 642	2 339	9 840
Caviar and pastes	135	2 050	84	1 940	79	1 759
Other	3 288	13 706	4 187	19 287	4 105	20 818
Total	5 640	24 045	6 483	30 984	6 523	32 416
Total other fish ^a	49 781	133 349	59 275	160 163	54 680	162 641
Total fish ^a	67 810	251 697	77 053	290 430	74 012	307 860

^a Excludes live tonnage, but includes live value. ^b Excludes canned ^p Preliminary. ^{na} Not available.
Sources: Australian Bureau of Statistics; ABARE.

Imports

24 Summary of Australian imports of crustaceans and molluscs

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Canned and preserved						
Crabs	202	1 087	311	1 522	297	1 770
Prawns	558	2 755	512	2 413	432	2 187
Smoked molluscs	948	7 766	1 078	10 643	982	12 266
Other molluscs	271	1 395	315	1 445	313	1 336
Extracts and pastes	108	691	103	538	79	479
Other preserved	1 799	9 356	1 975	10 440	1 915	10 209
Total	3 886	23 050	4 294	27 001	4 017	28 248
Other						
Prawns						
Fresh, chilled or frozen	7 128	73 314	6 952	67 547	6 681	71 035
Other	5 377	41 680	4 980	41 031	5 600	48 432
Lobster	275	4 751	218	3 688	163	2 607
Scallops	1 281	16 632	577	7 208	340	3 864
Oysters	363	2 823	458	3 376	402	2 865
Mussels	1 952	5 575	1 761	4 750	1 721	3 917
Crabs	109	972	75	402	70	588
Calamari, squid and octopus	3 814	13 255	4 987	17 209	5 161	17 581
Other	1 121	11 070	1 128	5 878	338	1 849
Total	21 419	170 074	21 136	151 090	20 476	152 738
Total crustaceans and molluscs	25 305	193 123	25 430	178 091	24 494	180 986

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Imports

25 Australian imports of fish, by source

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Fish (excluding canned)						
Tuna						
Solomon Islands	1 989	2 287	—	—	—	—
Other	1 183	1 448	3 245	3 584	2 652	3 254
Total	3 172	3 735	3 245	3 584	2 652	3 254
Salmon						
Canada	73	1 369	56	1 031	65	1 148
Other	206	4 084	184	1 914	437	2 399
Total	279	5 452	240	2 944	502	3 547
Hake						
Argentina	2 498	5 826	2 285	6 018	2 980	10 021
Cayman Islands	2 754	9 477	2 043	6 743	3 259	10 657
Chile	4 702	11 367	4 843	12 074	5 152	11 778
Japan	136	648	24	130	—	—
Spain	988	2 602	654	2 061	840	2 562
United Kingdom	524	1 675	—	1	—	—
Uruguay	1 093	2 463	1 561	5 159	1 084	2 168
Other	1 884	7 324	2 883	11 416	2 865	11 611
Total	14 579	41 381	14 293	43 603	16 179	48 797
Canned fish						
Canada	3 557	25 165	5 212	32 101	3 865	32 739
China	184	486	130	382	178	532
Chile	329	672	482	987	551	2 060
Denmark	152	810	152	752	114	697
Germany	484	2 461	501	2 505	366	2 041
Indonesia	135	370	100	273	124	365
Italy	341	3 824	318	3 357	268	3 023
Japan	148	593	177	644	197	801
Korea, Republic of	358	1 076	258	690	265	811
Netherlands	271	988	173	638	162	682
Norway	777	5 358	565	4 281	587	4 941
New Zealand	528	1 650	499	1 622	354	1 145
Philippines	104	289	99	307	38	145
Spain	90	1 649	109	1 993	64	1 356
Thailand	9 138	27 842	9 421	28 874	10 152	33 384
United Kingdom	351	2 417	406	2 455	351	2 788
United States	2 880	18 164	4 524	23 449	3 650	26 732
Other	425	1 152	159	499	215	636
Total	20 840	97 425	23 907	108 544	22 306	119 159

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Imports

26 Australian imports of fresh, chilled or frozen fish, by source

	1990-91		1991-92		1992-93 p	
	t	\$'000	t	\$'000	t	\$'000
Fresh or chilled fish						
Whole						
New Zealand	1 692	8 589	1 995	9 576	2 039	10 084
Solomon Islands	—	—	2	7	13	58
Other	44	291	30	327	14	104
Total	1 736	8 880	2 026	9 910	2 066	10 245
Fillets						
Indonesia	25	272	2	23	2	19
New Zealand	283	1 436	347	2 046	336	1 747
Other	44	204	62	310	18	162
Total	352	1 912	411	2 379	356	1 928
Frozen fish						
Whole						
Tuna						
Japan	166	281	—	—	—	5
Oman	—	—	—	—	—	—
Solomon Islands	1 989	2 287	—	—	—	—
Other	1 011	1 124	3 241	3 564	2 648	3 228
Total	3 166	3 691	3 241	3 564	2 648	3 233
Salmon						
Denmark	—	—	—	—	1	18
New Zealand	9	135	90	86	334	385
Thailand	2	9	—	—	—	—
Vietnam	—	—	—	—	6	18
Other	2	31	1	4	7	29
Total	13	174	91	90	349	450
Other						
Japan	247	256	23	157	75	206
New Zealand	4 542	8 612	5 455	8 776	4 502	9 881
Papua New Guinea	—	1	—	—	1	4
Singapore	154	336	224	485	170	379
Solomon Islands	5	19	3	9	1	4
Thailand	233	776	124	435	140	561
United States	20	37	67	74	437	215
Other	1 974	2 931	4 230	8 539	2 497	4 624
Total	7 175	12 967	10 128	18 475	7 822	15 873

(Continued on next page)

Imports

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

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Frozen fish (continued)						
Fillets						
Hake						
Argentina	1 553	4 463	1 882	5 072	2 476	9 217
Cayman Islands	2 736	9 391	2 039	6 737	3 244	10 641
Chile	4 328	10 774	4 341	10 993	3 637	8 945
Japan	136	648	24	130	—	—
Spain	957	2 548	589	1 953	570	1 980
United Kingdom	524	1 675	—	1	—	—
Uruguay	688	1 730	1 267	4 609	518	1 188
Other	1 457	5 587	2 631	10 384	2 438	9 423
Total	12 379	36 815	12 773	39 880	12 882	41 394
Other						
Argentina	265	700	178	590	236	901
Chile	538	1 927	695	1 928	278	799
Denmark	40	320	15	99	24	128
Iceland	30	169	14	81	—	—
Indonesia	96	407	220	1 059	184	822
Kenya	816	2 748	753	2 731	829	2 846
Netherlands	355	1 955	269	1 458	216	1 126
New Zealand	4 197	17 038	5 002	22 899	5 749	26 904
Poland	18	28	11	22	4	8
Singapore	513	1 195	621	1 822	668	2 265
Taiwan	749	2 711	945	3 480	658	2 476
Thailand	776	3 632	1 329	5 802	1 083	5 174
United Kingdom	351	2 076	275	1 536	249	1 437
Vietnam	671	2 315	834	3 228	1 128	5 306
Other	507	1 970	978	3 865	603	2 414
Total	9 923	39 191	12 140	50 600	11 910	52 604

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Imports

27 Australian imports of dried, salted or smoked fish, by source

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Dried or salted						
Denmark	10	50	27	120	1	6
Iceland	113	894	56	501	99	1 036
New Zealand	1	7	28	98	7	40
Norway	67	616	165	1 465	192	1 804
Spain	18	76	32	132	9	47
United Kingdom	43	221	17	88	31	158
Other	385	2 729	326	3 191	399	4 451
Total	637	4 594	651	5 594	739	7 541
Smoked						
Argentina	239	574	465	1 243	187	514
Canada	166	1 814	112	1 402	99	1 325
Denmark	199	3 724	131	2 332	123	2 388
Netherlands	69	260	36	115	60	285
New Zealand	341	1 555	267	1 582	319	2 339
United Kingdom	230	1 195	74	379	51	312
United States	33	631	9	340	11	256
Other	333	1 263	747	2 715	638	2 374
Total	1 610	11 015	1 841	10 108	1 487	9 792
Total dried, salted or smoked fish	2 247	15 610	2 492	15 702	2 226	17 333

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Imports

28 Australian imports of crustaceans and molluscs, by source

	1990-91		1991-92		1992-93 p	
	t	\$'000	t	\$'000	t	\$'000
Crustaceans (fresh, chilled or frozen)						
Lobster						
New Zealand	48	878	60	1 125	42	809
Papua New Guinea	21	605	17	319	-	-
Thailand	52	915	62	1 117	36	633
Vietnam	20	241	30	423	35	510
Other	134	2 113	49	704	50	656
Total	275	4 751	218	3 688	163	2 607
Prawns						
Fresh, chilled or frozen						
China	69	730	13	162	94	1 126
Hong Kong	165	1 799	68	725	103	1 186
Indonesia	957	10 537	602	6 785	371	4 072
Malaysia	1 813	17 621	1 662	14 872	1 547	14 397
Philippines	234	2 793	214	2 646	75	892
Singapore	268	2 590	295	2 704	272	2 654
Taiwan	178	2 406	69	737	22	331
Thailand	1 986	19 812	2 097	21 979	1 989	23 946
Vietnam	599	6 386	1 041	8 774	934	9 571
Other	860	8 640	890	8 163	1 274	12 860
Total	7 128	73 314	6 952	67 547	6 681	71 035
Other						
Indonesia	307	2 685	436	4 017	238	2 407
Malaysia	2 678	19 734	2 169	15 728	2 248	17 002
Singapore	109	1 017	42	425	117	882
Thailand	1 697	14 299	1 993	18 093	2 555	24 494
Other	586	3 945	340	2 769	443	3 647
Total	5 377	41 680	4 980	41 031	5 600	48 432
Crabs						
Canada	19	369	-	-	13	217
Hong Kong	10	69	5	30	-	-
Indonesia	5	52	1	9	-	2
Japan	6	82	-	4	-	8
New Zealand	2	26	1	4	1	10
Vietnam	44	211	49	104	43	268
Other	22	162	19	251	13	83
Total	109	972	75	402	70	588

(Continued on next page)

Imports

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

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Molluscs (fresh, chilled or frozen)						
Scallops						
Canada	134	1 751	—	—	—	—
Japan	580	7 832	432	5 209	258	3 021
New Zealand	102	1 584	74	1 104	41	483
Thailand	313	3 521	51	621	11	114
United States	32	413	—	—	—	—
Other	119	1 531	19	273	30	246
Total	1 281	16 632	577	7 208	340	3 864
Mussels						
New Zealand	1 893	5 357	1 733	4 618	1 692	3 775
Other	58	218	28	132	29	142
Total	1 952	5 575	1 761	4 750	1 721	3 917
Squid						
Hong Kong	377	1 476	312	1 740	469	2 126
India	492	1 296	392	1 239	48	149
Japan	44	269	57	297	82	426
New Zealand	678	2 951	1 094	4 392	1 813	5 790
Singapore	694	2 774	513	2 327	410	1 775
Thailand	699	2 067	816	2 096	974	2 786
United States	299	337	480	527	252	357
Other	531	2 085	1 323	4 590	1 112	4 171
Total	3 814	13 255	4 987	17 209	5 161	17 581
Crustaceans and molluscs (canned)						
Denmark	34	146	30	138	25	143
Indonesia	24	150	62	426	70	282
Japan	10	188	3	71	1	44
Korea, Republic of	953	7 843	992	10 171	952	12 084
Malaysia	18	130	19	100	30	186
New Zealand	68	317	117	533	144	555
Thailand	759	3 483	789	3 571	688	3 609
Other	113	746	203	1 013	113	656
Total	1 979	13 003	2 216	16 023	2 023	17 559

^p Preliminary.

Sources: Australian Bureau of Statistics; ABARE.

Imports

29 Australian imports of fisheries products, by source

	1990-91		1991-92		1992-93 p	
	t	\$'000	t	\$'000	t	\$'000
Edible (excluding live)						
Argentina	3 364	7 980	3 043	8 223	3 516	11 960
Canada	5 184	34 807	5 693	36 028	4 134	35 523
Cayman Islands	2 851	9 830	2 483	8 243	3 259	10 657
China	742	3 637	807	3 853	806	4 535
Chile	5 917	15 751	6 153	15 637	6 081	14 982
Denmark	554	6 131	430	4 469	530	4 954
Germany	579	3 869	557	3 272	420	3 048
Hong Kong	845	5 448	710	5 074	877	5 315
Indonesia	1 631	15 116	1 536	13 058	1 068	8 298
India	766	3 385	835	3 702	384	2 483
Italy	361	4 018	336	3 577	294	3 380
Japan	4 161	24 556	3 458	21 637	2 407	16 249
Korea, Republic of	1 974	12 029	1 857	13 924	1 643	14 318
Malaysia	4 944	39 150	4 233	32 335	4 506	34 827
Norway	910	6 298	800	6 179	843	6 999
New Zealand	17 889	69 990	21 290	80 500	22 682	88 722
Philippines	432	3 619	394	3 333	191	1 426
South Africa	—	—	73	190	106	350
Singapore	2 158	9 727	2 268	10 375	2 021	10 281
Spain	1 404	5 231	1 249	5 668	1 205	5 024
Taiwan	1 321	7 075	2 344	9 578	1 843	7 540
Thailand	17 571	83 263	19 627	91 200	20 350	104 312
United Kingdom	1 601	8 224	944	5 432	703	4 936
United States	3 735	21 460	5 231	25 225	4 460	28 400
Other	12 221	44 210	16 133	57 787	14 182	60 313
Total	93 117	444 805	102 484	468 499	98 507	488 829
Non-edible						
Chile	na	7 192	na	4 423	na	666
Hong Kong	na	985	na	1 285	na	825
Japan	na	11 742	na	10 341	na	7 371
Malaysia	na	1 387	na	868	na	896
Netherlands	na	769	na	757	na	1 346
New Zealand	na	3 746	na	3 723	na	4 999
Peru	na	139	na	8 749	na	8 984
Philippines	na	249	na	170	na	208
Samoa	na	1 962	na	2 382	na	2 918
Singapore	na	1 475	na	1 669	na	1 387
Solomon Islands	na	225	na	305	na	190
Taiwan	na	409	na	256	na	732
Thailand	na	223	na	399	na	140
United States	na	2 975	na	691	na	747
Other	na	2 165	na	4 010	na	5 845
Total	na	35 644	na	40 029	na	37 253
Total imports	na	480 450	na	508 528	na	526 081

p Preliminary. na Not available.

Sources: Australian Bureau of Statistics; ABARE.

Imports

30 Australian imports of seafood from selected countries, by product ^a

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Canada						
Fresh, chilled or frozen fish	884	3 178	239	1 356	76	485
Fresh, chilled or frozen fillets	23	105	70	431	36	236
Canned fish	3 557	25 165	5 212	32 101	3 865	32 739
Smoked, dried or salted fish	166	1 814	138	1 525	110	1 378
Other fish	141	945	7	94	21	251
Scallops	134	1 751	-	-	-	-
Other crustaceans and molluscs	20	380	-	1	13	217
Other	259	1 469	27	520	13	217
Total	5 184	34 807	5 693	36 028	4 134	35 523
Japan						
Frozen whole fish	412	537	23	158	75	211
Fresh, chilled or frozen fillets	210	842	61	375	11	59
Canned fish	148	593	177	644	197	801
Smoked, dried or salted fish	37	527	21	694	24	757
Other fish	1 596	7 002	1 590	7 934	882	5 600
Prawns	65	596	34	284	54	443
Scallops	580	7 832	432	5 209	258	3 021
Oysters	30	255	43	367	9	163
Mussels	20	94	15	79	14	75
Canned crustaceans and molluscs	10	188	3	71	1	44
Other crustaceans and molluscs	103	753	98	547	82	434
Other	950	5 337	961	5 275	800	4 641
Total	4 161	24 556	3 458	21 637	2 407	16 249
New Zealand						
Fresh and chilled whole fish	1 692	8 589	1 995	9 576	2 039	10 084
Frozen whole fish	4 551	8 746	5 545	8 862	4 838	10 277
Fresh and chilled fillets	283	1 436	347	2 046	336	1 747
Frozen fillets	4 503	18 697	5 218	24 052	5 929	27 906
Canned fish	528	1 650	499	1 622	354	1 145
Smoked, dried or salted fish	343	1 562	296	1 680	325	2 379
Other fish	2 415	8 937	3 167	13 408	3 533	15 674
Lobster	48	878	60	1 125	42	809
Scallops	102	1 584	74	1 104	41	483
Oysters	299	2 258	347	2 481	388	2 552
Mussels	1 893	5 357	1 733	4 618	1 692	3 775
Canned crustaceans and molluscs	68	317	117	533	144	555
Other crustaceans and molluscs	913	9 185	1 412	7 780	2 116	7 541
Extracts and pastes	20	96	11	41	11	31
Other	231	698	469	1 572	894	3 764
Total	17 889	69 990	21 290	80 500	22 682	88 722

(Continued on next page)

Imports

30 Australian imports of seafood from selected countries, by product ^a (continued)

	1990-91		1991-92		1992-93 ^p	
	t	\$'000	t	\$'000	t	\$'000
Thailand						
Frozen whole fish	237	789	1 231	1 917	626	1 334
Fillets	776	3 632	1 329	5 802	1 095	5 234
Canned fish	9 138	27 842	9 421	28 874	10 152	33 384
Smoked, dried or salted fish	54	307	46	275	41	276
Other fish	445	1 487	488	1 869	1 219	4 788
Prawns	3 683	34 111	4 089	40 073	4 544	48 441
Lobster	52	915	62	1 117	36	633
Scallops	313	3 521	51	621	11	114
Mussels	17	44	5	13	4	13
Canned crustaceans and molluscs	759	3 483	789	3 571	688	3 609
Other crustaceans and molluscs	1 116	3 551	1 045	3 031	979	2 816
Extracts and pastes	40	300	48	271	25	206
Other	941	3 281	1 023	3 766	930	3 464
Total	17 571	83 263	19 627	91 200	20 350	104 312
United States						
Frozen whole fish	20	37	67	74	437	215
Frozen fillets	203	521	49	157	-	-
Canned fish	2 880	18 164	4 524	23 449	3 650	26 732
Smoked, dried or salted fish	99	695	13	361	11	261
Other fish	25	172	22	176	63	487
Scallops	32	413	-	-	-	-
Canned crustaceans and molluscs	15	25	-	-	15	23
Other crustaceans and molluscs	301	355	487	601	255	381
Other	160	1 078	69	407	29	301
Total	3 735	21 460	5 231	25 225	4 460	28 400

^a Excludes live imports. ^p Preliminary.
Sources: Australian Bureau of Statistics; ABARE.

FISHERIES STATISTICS

This annual statistical bulletin brings together a comprehensive set of information on the Australian fishing industry. Quantity and value information is provided for the three years ended 1992-93 for production in Commonwealth and state fisheries and foreign trade in seafood products. This issue also includes a profile of Commonwealth and state fisheries in 1993.



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