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FISHERIES, 1976-77 (PRELIMINARY)

INQUIRIES

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EXPLANATORY NOTES

This bulletin contains preliminary Australian fishing statistics for the year ended June 1977 with some comparative information for earlier years. More detailed statistics will be available later in 1978 in the bulletin *Fisheries 1976-77* (7603.0) which also includes additional notes on the scope of the statistics, collection methodology and definitions used herein.

2. All production quantities shown are in terms of live weight. In cases where the landed weights were reported in terms of reduced weights, conversion factors supplied by State fisheries authorities have been applied to obtain live weight equivalent figures. All quantities shown in the tables dealing with exports and imports are in terms of net weight of produce.

3. Catch has been attributed to the State of landing, irrespective of the area in which the catch was taken.

4. Values of fish, crustacean and mollusc production in Tables 1 and 2 represent gross value at principal markets in the various States. Care should be taken in using this data as the sources of information and bases of valuation may vary considerably from one

State to another and amongst the various species caught. Values for overseas trade statistics in Table 3 and in Table 4 up to 1 July 1976, are in terms of value f.o.b. port of shipment. From 1 July 1976 the value of imports has been based on the normal price, i.e. the price the goods would fetch at the time when the duty becomes payable on a sale in the open market between a buyer and a seller independent of each other. The goods are valued in the country of exportation, that is, freight and insurance are excluded.

5. Any discrepancies between totals and sums of components in tables are due to rounding, or to the inclusion in totals of individual species data which are not separately available for publication. These latter instances are footnoted.

6. The following symbols are used in this bulletin:

r revised

.. nil or less than half the final digit shown, or not applicable

n.a. not available

7. All publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

R. J. CAMERON
Australian Statistician

TABLE 1. FISH, CRUSTACEAN AND MOLLUSC PRODUCTION 1976-77

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Aust.
QUANTITY (tonnes live weight)								
Fish —								
Tuna	(a)380	75	28	8,941	492	25	..	9,941
Snoek	44	335	..	..	37	..	..	416
Mullet	2,596	245	1,358	427	1,256	6	4	5,892
Australian salmon	613	275	..	985	1,400	783	..	4,057
Snapper	840	289	158	307	531	..	..	2,125
Morwong	1,453	200	..	..	41	59	..	1,752
Flathead	1,223	658	80	14	15	29	..	2,020
Shark	1,317	2,816	26	1,200	468	1,130	3	6,961
Mackerel	91	24	1,068	..	86	..	10	1,279
Bream (incl. Tarwhine)	373	185	280	18	20	6	..	881
Ruff	..	39	..	228	437	..	..	704
Whiting	400	890	406	991	313	2	..	3,001
Leatherjacket	329	6	..	7	18	..	..	359
All other species	9,019	4,051	2,022	1,381	2,498	286	1,467	20,724
Total fish	18,676	10,089	5,425	14,499	7,573	2,363	1,483	60,111
Crustaceans —								
Murray crayfish	}	34	5	..	65	..	..	104
Yabbies								
Rock lobster								
Bay lobster								
Crabs	139	302	(b)48	1,906	9,117	1,177	6	(c)12,696
Prawns	177	7	432	8	157	..	40	822
Total crustaceans	2,619	3	11,702	2,831	3,002	..	(d)2,882	23,038
	2,969	316	(e)12,182	4,810	12,277	1,178	2,929	(c)36,660
Molluscs —								
Oysters	10,644	..	n.a.	n.a.	..	149	..	(c)10,793
Scallops	..	2,888	494	..	545	498	5	4,431
Abalone	396	2,575	..	675	306	2,368	..	6,320
Other	154	405	82	260	199	6	6	1,113
Total molluscs	11,194	5,868	(e)576	(e)935	1,051	3,021	12	(c)22,657
VALUE (\$'000)								
Fish —								
Tuna	182	45	7	3,961	201	3	..	4,404
Snoek	59	241	..	..	8	..	..	308
Mullet	1,097	159	743	250	682	2	4	2,937
Australian salmon	153	197	..	328	378	190	..	1,247
Snapper	1,939	608	215	454	407	..	..	2,624
Morwong	1,486	142	..	..	13	16	..	1,657
Flathead	1,142	405	74	11	8	10	..	1,650
Shark	576	4,358	10	800	356	664	1	6,766
Mackerel	54	12	1,133	..	98	..	8	1,304
Bream (incl. Tarwhine)	625	135	284	26	19	3	..	1,092
Ruff	..	33	..	100	92	..	..	224
Whiting	523	864	525	2,870	335	(f)	..	(f)5,116
Leatherjacket	249	3	..	7	5	..	..	264
All other species	6,594	2,058	2,307	1,000	1,633	(f)(g)770	1,651	(f)(g)16,012
Total fish	14,678	9,259	5,298	9,807	4,226	(g)1,672	1,664	(g)46,604
Crustaceans —								
Murray crayfish	}	110	5	..	89	..	..	204
Yabbies								
Rock lobster								
Bay lobster								
Crabs	826	1,649	(b)106	6,611	43,301	4,702	12	(c)57,207
Prawns	441	6	1,022	8	145	..	50	1,673
Total crustaceans	8,327	16	26,944	9,727	12,404	..	(d)8,647	66,065
	9,704	1,675	(e)28,072	16,435	55,850	4,702	8,710	(c)125,150
Molluscs —								
Oysters	12,907	..	n.a.	n.a.	..	92	..	(c)12,998
Scallops	..	1,350	219	..	77	343	2	1,990
Abalone	787	3,449	..	1,517	684	4,902	..	11,338
Other	152	229	88	156	103	3	6	737
Total molluscs	13,846	5,027	(e)307	(e)1,673	864	5,339	8	(c)27,063
Total fish, crustaceans and molluscs	38,228	15,961	(e)33,677	(e)27,915	60,940	11,713	10,382	(c)198,817

(a) Source: CSIRO. (b) Excludes rock lobster (c) Incomplete: see individual States. (d) Source: Department of Primary Industry. (e) Incomplete: see individual species. (f) Value of whiting in Tasmania is not available for publication and has been included with 'All other species'. (g) Includes value of Seaweed in Tasmania.

TABLE 2. FISH, CRUSTACEAN AND MOLLUSC PRODUCTION, AUSTRALIA

	1972-73	1973-74	1974-75	1975-76	1976-77
QUANTITY (tonnes live weight)					
Fish -					
Tuna	(a)13,422	(a)(b)9,700	11,082	10,674	9,941
Snoek	(a)(c)918	(a)708	2,005	359	416
Mullet	(a)5,316	(a)6,071	5,999	6,255	5,892
Australian salmon	(a)3,482	(a)4,513	5,178	3,510	4,057
Snapper	(a)1,678	(a)1,691	2,190	1,842	2,125
Morwong	(a)1,330	(a)1,342	1,415	1,815	1,752
Flathead	(a)1,707	(a)1,645	2,848	2,117	2,020
Slark	(a)2,897	(a)4,232	4,773	6,320	6,961
Mackerel	(a)(c)1,355	(a)(b)1,291	1,315	1,289	1,279
Bream (incl. Tarwhine)	(a)568	(a)704	1,112	904	881
Ruff	(a)1,449	(a)1,161	1,019	895	704
Whiting	(a)1,730	(a)1,762	2,268	2,853	3,001
Leatherjacket	(a)1,313	(a)1,042	528	413	359
All other species	(a)(c)11,330	(a)(b)19,748	15,690	15,726	20,724
Total fish	59,263	65,747	57,423	54,973	60,111
Crustaceans -					
Murray crayfish	(a)113	(a)295	23	21	104
Yabbies			161	110	
Rock lobster	12,883	(d)11,724	12,211		(d)12,696
Bay lobster	122	106	54	(d)12,865	
Crabs	(a)647	(a)702	712	700	822
Prawns	16,757	24,491	16,327	19,478	23,038
Total crustaceans	(f)30,521	(f)37,318	29,488	(f)33,173	(f)36,660
Molluscs -					
Oysters	(g)9,202	(g)10,479	(g)(h)8,908	(g)(h)10,273	(g)(h)10,793
Scallops	16,953	12,425	6,062	4,642	4,431
Abalone	6,439	6,032	4,971	5,256	6,320
Other	(a)494	(a)425	1,445	1,649	1,113
Total molluscs	(f)33,089	(f)29,362	(f)21,386	(f)21,820	(f)22,657
VALUE (\$'000)					
Fish -					
Tuna	(a)4,736	(a)(b)3,608	3,349	3,244	4,404
Snoek	(a)(c)96	(a)141	452	128	308
Mullet	(a)1,686	(a)1,792	2,076	2,791	2,937
Australian salmon	(a)584	(a)798	1,065	1,020	1,247
Snapper	(a)1,317	(a)1,431	2,860	2,669	3,624
Morwong	(a)498	(a)605	941	1,416	1,657
Flathead	(a)796	(a)778	1,630	1,584	1,650
Shark	(a)787	(a)1,459	2,640	3,820	6,766
Mackerel	(a)(c)881	(a)(b)873	941	1,128	1,304
Bream (incl. Tarwhine)	(a)448	(a)526	749	860	1,092
Ruff	(a)239	(a)203	154	191	224
Whiting	(a)(i)2,041	(a)(i)2,069	(i)3,190	(i)4,385	(i)5,116
Leatherjacket	(a)465	(a)399	333	261	264
All other species	(a)(c)(i)5,446	(a)(b)(i)6,813	(i)9,605	(i)(g)12,051	(i)(g)16,012
Total fish	(f)32,329	(f)26,334	29,983	(f)35,549	(f)46,604
Crustaceans -					
Murray crayfish	(a)95	(a)288	107	45	204
Yabbies			196	170	
Rock lobster		(d)29,943	29,933	(d)42,246	(d)57,207
Bay lobster	30,332				
Crabs	(a)682	(a)821	1,037	1,260	1,673
Prawns	23,122	29,757	24,682	(e)39,964	(e)66,065
Total crustaceans	(f)54,231	(f)60,809	55,955	(f)83,685	(f)125,150
Molluscs -					
Oysters	(g)6,838	(g)6,657	(g)(h)6,197	(g)(h)10,986	(g)(h)12,998
Scallops	5,728	3,245	1,884	1,792	1,530
Abalone	4,872	5,481	4,923	6,760	11,338
Other	(a)174	(a)170	334	543	737
Total molluscs	(f)17,612	(f)15,552	(f)13,337	(f)20,080	(f)27,063
Total fish, crustaceans and molluscs					
	(g)95,290	(d)(g)102,852	(g)(h)99,275	(d)(g)(h)139,314	(d)(g)(h)198,817

(a) Excludes Victorian figure. (b) Tasmanian figures for tuna and mackerel are not available separately and have been included in 'All other species'. (c) New South Wales figures for snook and mackerel are not available separately and have been included in 'All other species'. (d) Excludes rock lobster in Queensland. (e) Source for Northern Territory: Department of Primary Industry. (f) Incomplete: see footnotes to figures for individual species. (g) Excludes oysters in Queensland. (h) Excludes oysters in South Australia. (i) Value of whiting in Tasmania is not available for publication and has been included with 'All other species'. (j) Includes value of seaweed in Tasmania.

TABLE 3. EXPORTS OF EDIBLE FISHERIES PRODUCTS, AUSTRALIA

Export statistical item (a)	Quantity (tonnes)			Value (\$'000 f.o.b.)		
	1974-75	1975-76	1976-77	1974-75	1975-76	1976-77
AUSTRALIAN PRODUCE						
Fresh chilled or frozen —						
Fish —						
Tuna	031.10.01	747	626	5,535	377	3,030
Whiting	031.10.03		542	754	286	471
Other	031.10.08	631	319	279	563	591
Crustaceans and molluscs —						
Abalone	031.30.01	1,120	1,295	928	2,791	5,056
Oysters	031.30.02	(b)215	(b)147	(b)173	215	177
Rock lobster — whole	031.30.03	102	119	203	430	1,275
— tails	031.30.04	4,247	4,018	4,982	32,430	56,580
Prawns —						
Headless	031.30.05	6,052	3,964	4,540	21,204	34,303
Other —						
Whole	031.30.13	729	1,309	2,173	2,021	6,143
Other (incl. prawn cutlets, prawn meat)	031.30.15	384	381	1,046	1,169	4,413
Scallops	031.30.17	218	232	120	622	898
Other	031.30.21	33	22	1	62	75
Boiled in water —						
Crustaceans and molluscs —						
Rock lobster, whole	031.30.31	174	209	152	655	888
Prawns — headless	031.30.34	52	94	47	168	625
— other	031.30.36	124	74	21	287	238
Other	031.30.39	28	6	..	51	16
Prepared or preserved —						
Fish —						
Salmon	032.01.01	33	257	4	48	119
Tuna	032.01.03	31	18	67	55	33
Other	031.20.00 032.01.09 032.01.13 032.01.19	94	110	118	165	228
Crustaceans and molluscs —						
Abalone	032.02.01 031.30.91	1,411	1,383	1,836	4,680	5,456
Other	032.02.09 032.02.13 032.02.29	153	43	83	391	120
Total		..	..	..	68,547	80,388
RE-EXPORTS						
Total		..	..	..	638	906
TOTAL						
Grand total		..	..	..	69,185	81,294

(a) The following changes occurred between 1974-75 and 1975-76. Codes 031.10.03 and 031.10.08 together replaced code 031.10.09, and codes 032.02.13 and 032.02.29 together replaced code 032.02.19. (b) Quantity measured in thousand dozens.

TABLE 4. IMPORTS OF EDIBLE FISHERIES PRODUCTS, AUSTRALIA

Import statistical item (a)	Quantity (tonnes)			Value (\$'000 f.o.b.)		
	1974-75	1975-76	1976-77	1974-75	1975-76	1976-77(b)
Fresh chilled or frozen —						
Fish —						
Filletted, skinned, boned, sliced, divided, etc.	031.10.05	16,495	17,097	13,190	16,423	21,419
Whole or headed	031.10.19					
		2,664	2,232	1,785	2,121	3,118
Crustaceans and molluscs —						
Prawns and shrimps, prawn and shrimp meat	031.30.03	252	1,330	616	634	4,768
Other	031.30.05	651	885	1,371	988	1,844
						3,450
						3,416
Boiled in water —						
Lobster	031.30.14	284	220	328	739	769
Other crustaceans	031.30.19					
			139	141		487
						1,515
						800
Prepared or preserved —						
Smoked fish	031.20.10	3,072	3,165	4,060	3,189	4,094
Filletted, skinned, boned, sliced etc., fish —	031.20.12					
Fish fingers or fish sticks	032.01.04	4,141	5,428	6,939	4,579	6,310
Other	032.01.17					
	032.01.09					
	032.01.18	1,607	1,361	2,921	1,951	1,702
						4,381
Salted or in brine —						
Fish	031.20.06	480	301	493	643	397
Crustaceans and molluscs	031.30.09	86	116	95	135	208
						312
Dried but not salted —						
Fish	031.20.08	76	44	100	173	153
Crustaceans and molluscs	031.30.07	25	17	33	142	77
						258
Canned or bottled —						
Fish —						
Herring	032.01.21	1,684	1,210	1,594	1,873	1,428
Salmon	032.01.23	3,657	3,279	5,980	9,724	7,726
Sardines, sild, brisling etc.	032.01.25	3,175	3,070	2,333	5,024	4,550
Tuna	032.01.27	2,355	213	655	3,418	343
	031.20.02					1,399
	031.20.04					
Other	032.01.28	3,874	1,167	2,119	3,649	1,687
	032.01.31					
	032.01.35					
						3,406
Crustaceans and molluscs —						
Prawns and shrimps	032.02.04	430	297	428	784	641
Crabs	032.02.03	115	127	225	524	491
Oysters	032.02.05	119	184	172	139	214
Other	032.02.02	897	821	1,222	1,434	1,807
	032.02.08					
						3,083
Potted or concentrated —						
Fish	032.01.02	125	126	111	308	338
Crustaceans and molluscs	032.02.01	25	16	48	87	52
						382
Other prepared or preserved —						
Fish	032.01.39	233	185	307	254	190
Crustaceans and molluscs (c)	032.01.03					
	032.02.13					
	032.02.15	2,955	4,028	4,656	6,371	9,900
	032.02.19					
						15,069
Total						
		..	..	..	61,737	68,720
						108,558

(a) The import statistical item codes 031.30.14 and 031.30.19 were covered by code 031.30.01 for 1974-75. The following statistical item code changes occurred between 1975-76 and 1976-77. Codes 031.10.03, 031.10.07, 031.20.11, 031.20.13, 032.01.05, 032.01.06, 032.01.07, 032.01.08, 032.01.11, 032.01.13, 032.01.15, 032.01.17, 032.01.18, 032.01.21, 032.01.25 and 032.01.29 were replaced by codes 031.10.05, 031.10.08, 031.20.10, 031.20.12, 032.01.04, 032.01.09, 032.01.17, 032.01.18, 032.01.21, 032.01.23, 032.01.25, 032.01.27, 032.01.28, 032.01.31, 032.01.35 and 032.01.39 respectively. (b) The figures from 1976-77 may not be comparable with those for previous years — see para. 4 of explanatory notes. (c) 1974-75 figures for this category are not comparable with those for previous years as the item 'prawn crackers', formerly coded 032.02.12, has been re-coded and is no longer available for inclusion in this category.