

APPENDIX 3

Table of catches from fishers' statutory monthly returns for 2001/02

This table contains the landed¹ and estimated live weight² of species recorded in the compulsory catch and fishing effort returns provided by fishermen each month. These data include the catch taken as by-product as well as the targeted catch. These catch data may differ slightly from some of the catch estimates presented for specific fisheries as the latter may include additional data from other sources, such as research logbooks and processors. The figures may also differ slightly from previously reported figures as additional data may have been received by the Department. The table represents the latest year for which a complete set of data is available.

While scientific names have been included wherever possible, it should be noted that many fish recorded under a common name cannot be identified to a single species, and must be reported as a commercial grouping of several species. For example, the common name 'jobfish' may be used for several species of the genus *Pristipomoides*.

Data for species with live weight catches of less than 500 kg have been combined into the general or 'other' category within each class.

COMMON NAME	SCIENTIFIC NAME	LANDED WEIGHT (kg)	LIVE WEIGHT (kg)
<i>FISH</i>			
Amberjack	<i>Seriola dumerili</i>	2,999	2,999
Barracuda (northern pike)	Sphyraenidae	1,378	1,382
Barramundi (giant perch)	<i>Lates calcarifer</i>	23,089	34,931
Bigeye (not tuna)	Priacanthidae	71,257	71,257
Boarfish	Pentacerotidae	2,946	3,486
Bonito	<i>Sarda australis</i>	1,113	1,122
Bream, black	<i>Acanthopagrus butcheri</i>	45,623	45,623
Bream, buffalo	Kyphosidae	3,260	3,260
Bream, monocle	<i>Scolopsis</i> spp.	5,389	5,389
Bream, Robinson's	<i>Gymnocranius grandoculis</i>	66,751	66,959
Bream, sea	<i>Gymnocranius</i> spp.	1,208	1,208
Bream, silver (tarwhine)	<i>Rhabdosargus sarba</i>	10,593	10,593
Bream, western yellowfin	<i>Acanthopagrus latus</i>	7,387	7,387
Catfish, sea (golden cobbler)	Ariidae	25,280	25,784
Chinaman fish (not cod)	<i>Symphorus nematophorus</i>	13,123	13,259
Cobbler	<i>Cnidoglanis macrocephalus</i>	73,529	103,664
Cobbler, silver	<i>Arius midgleyi</i>	62,593	116,181
Cod	Serranidae	115,574	117,648
Cod, bar (grey-banded, 8-bar)	<i>Epinephelus octofasciatus</i>	8,902	8,931
Cod, chinaman	<i>Epinephelus rivulatus</i>	5,698	5,761
Cod, maori	<i>Epinephelus cyanopodus</i>	1,015	1,015
Cod, Rankin	<i>Epinephelus multinotatus</i>	58,484	60,429
Cod, spotted	<i>Epinephelus microdon</i> , <i>E. areolatus</i> , <i>E. bilobatus</i>	37,651	37,749
Dhufish, West Australian (jewfish)	<i>Glaucosoma hebraicum</i>	244,606	259,240
Emperor, blue-lined (grass, black)	<i>Lethrinus laticaudis</i>	833	995
Emperor, blue-spot	<i>Lethrinus hutchinsi</i>	224,453	224,453
Emperor, red	<i>Lutjanus sebae</i>	240,017	240,978
Emperor, red spot (snapper)	<i>Lethrinus lentjan</i>	82,917	82,917
Emperor, spangled	<i>Lethrinus nebulosus</i>	116,213	117,998
Emperor, sweetlip	<i>Lethrinus miniatus</i>	92,102	93,098

COMMON NAME	SCIENTIFIC NAME	LANDED WEIGHT (kg)	LIVE WEIGHT (kg)
<i>FISH (cont.)</i>			
Flagfish (Spanish flag)	<i>Lutjanus vitta, L. quinquelineatus, L. carponotatus, L. lutjanus</i>	181,249	181,249
Flathead	Platycephalidae	12,487	12,502
Flounder	Bothidae	2,576	2,576
Footballer (footballer sweep, banded sweep)	<i>Scorpius georgianus</i>	873	1,002
Foxfish (hogfish, pigfish)	<i>Bodianus</i> spp.	1,022	1,037
Garfish, sea	<i>Hyporhamphus melanochir</i>	31,139	31,139
Groper	Labridae	5,260	5,358
Groper, baldchin	<i>Choerodon rubescens</i>	37,099	39,723
Groper, blue	<i>Achoerodus gouldii</i>	22,766	29,031
Halibut	<i>Psettodes erumei</i>	1,135	1,135
Hapuku	<i>Polyprion oxygeneios</i>	25,377	25,448
Herring, Australian	<i>Arripis georgianus</i>	598,954	598,989
Herring, Perth	<i>Nematalosa vlaminghi</i>	12,835	12,835
Javelin fish	<i>Pomadasys</i> spp.	24,249	24,255
Jewfish <i>see</i> dhufish			
Jobfish (<i>see also</i> snapper, goldband)	<i>Pristipomoides</i> spp.	97,093	97,098
Jobfish, rosy	<i>Pristipomoides filamentosus</i>	123,148	123,165
Jobfish (sharptooth snapper)	<i>Pristipomoides typus</i>	393	520
Kingfish, black (cobia)	<i>Rachycentron canadum</i>	27,905	28,698
Kingfish, yellowtail	<i>Seriola lalandi</i>	473	506
Knifejaw	<i>Oplegnathus woodwardi</i>	4,823	4,926
Leatherjacket	Monacanthidae	40,438	59,855
Mackerel, blue	<i>Scomber australasicus</i>	10,996	10,996
Mackerel, grey (broad-barred)	<i>Scomberomorus semifasciatus</i>	14,932	17,467
Mackerel, other	Scombridae	37,780	40,810
Mackerel, scaly	<i>Sardinella lemuru</i>	2,384,440	2,384,440
Mackerel, shark (salmon)	<i>Grammatorcynus bicarinatus</i>	972	1,011
Mackerel, Spanish	<i>Scomberomorus commerson</i>	338,780	436,523
Mackerel, spotted	<i>Scomberomorus munroi</i>	593	653
Mangrove jack	<i>Lutjanus argentimaculatus</i>	23,512	23,512
Maray	<i>Etrumeus teres</i>	61,165	61,165
Mullet, other	Mugilidae	523	523
Mullet, red	Mullidae	89,999	89,999
Mullet, sea	<i>Mugil cephalus</i>	332,192	332,871
Mullet, yellow-eye	<i>Aldrichetta forsteri</i>	49,608	49,608
Mulloway	<i>Argyrosomus hololepidotus</i>	75,028	77,289
Mulloway, northern	<i>Protonibea diacanthus</i>	1,038	1,074
Parrot fish	Scaridae	7,924	8,026
Perch, darktail sea (maroon sea perch)	<i>Lutjanus lemniscatus</i>	5,826	5,834
Perch, Moses	<i>Lutjanus russelli</i>	55,699	55,708
Perch, pearl	<i>Glaucosoma buergeri</i>	38,770	38,773
Perch, red	<i>Lutjanus</i> spp.	5,456	5,456
Perch, scarlet sea (saddletail sea)	<i>Lutjanus malabaricus</i>	169,320	169,373
Perch, yellowtail	Terapontidae	980	980
Perches, other	Lutjanidae	4,792	4,908

COMMON NAME	SCIENTIFIC NAME	LANDED WEIGHT (kg)	LIVE WEIGHT (kg)
<i>FISH (cont.)</i>			
Pike, sea	<i>Sphyræna novaehollandiæ</i>	1,609	1,609
Pilchard	<i>Sardinops sagax ocellatus</i>	1,610,692	1,610,692
Pomfret, black	<i>Parastromateus niger</i>	1,055	1,055
Queenfish	<i>Scomberoides commersonianus</i>	442	1,138
Redfish	<i>Centroberyx affinis</i>	74,742	76,402
Redfish, Bight	<i>Centroberyx gerrardi</i>	22,249	22,355
Salmon, western Australian	<i>Arripis truttaceus</i>	2,621,189	2,621,358
Samson fish (sea kingfish)	<i>Seriola hippos</i>	105,459	113,011
Scad, yellowtail	<i>Trachurus novaezelandiæ</i>	12,054	12,054
Shark, bignose	<i>Carcharhinus altimus</i>	2,650	4,213
Shark, blacktip	<i>Carcharhinus</i> spp.	90,638	222,777
Shark, blue	<i>Prionace glauca</i>	579	921
Shark, bronze whaler (dusky whaler)	<i>Carcharhinus obscurus</i>	175,129	275,353
Shark, creek whaler	<i>Carcharhinus fitzroyensis</i>	728	1,158
Shark, eastern school	<i>Galeorhinus galeus</i>	9,394	14,921
Shark, golden (copper whaler)	<i>Carcharhinus brachyurus</i>	31,319	49,797
Shark, grey nurse	<i>Carcharias taurus</i>	375	587
Shark, grey reef	<i>Carcharhinus amblyrhynchos</i>	3,554	5,610
Shark, gummy	<i>Mustelus antarcticus</i>	223,560	350,840
Shark, hammerhead	Sphyrnidae	68,241	112,128
Shark, lemon	<i>Negaprion acutidens</i>	16,651	26,475
Shark, mako (shortfin)	<i>Isurus oxyrinchus</i>	5,346	10,936
Shark, pencil	<i>Hypogaleus hyugaensis</i>	2,137	3,382
Shark, pigeye	<i>Carcharhinus amboinensis</i>	24,416	38,821
Shark, silky	<i>Carcharhinus falciformis</i>	2,185	3,321
Shark, silvertip	<i>Carcharhinus albimarginatus</i>	2,781	4,422
Shark, spinner (long-nose grey)	<i>Carcharhinus brevipinna</i>	635	1,010
Shark, spot tail	<i>Carcharhinus sorrah</i>	6,024	11,078
Shark, spurdog	Squalidae, Oxynotidae	795	1,192
Shark, thickskin (sandbar)	<i>Carcharhinus plumbeus</i>	150,399	239,309
Shark, tiger	<i>Galeocerdo cuvier</i>	40,402	59,637
Shark, whiskery	<i>Furgaleus macki</i>	116,792	174,223
Shark, wobbegong	Orectolobidae	52,592	83,486
Shark, other		131,268	207,376
Shovelnose (fiddler rays)	Rhinobatidae, Rhynchobatidae	8,487	28,262
Skates and rays, other		12,749	23,671
Snapper, bullnose (variegated emperor)	<i>Lethrinus</i> sp.2 (undescribed)	2,164	2,164
Snapper, frypan	<i>Argyrops spinifer</i>	45,071	45,071
Snapper, goldband (jobfish)	<i>Pristipomoides multidens</i>	258,617	259,290
Snapper, long nose	<i>Lethrinus olivaceus</i>	22,066	22,267
Snapper, north-west	Lethrinidae	57,293	64,173
Snapper, north-west (large)	<i>Lethrinus</i> spp.	28,876	28,886
Snapper, north-west (small)	<i>Lethrinus lentjan</i> , <i>L. choerorhynchus</i> etc.	155,363	155,652
Snapper, pink	<i>Pagrus auratus</i>	843,588	853,800
Snapper, queen	<i>Nemadactylus valenciennesi</i>	42,332	50,132
Snapper, red (swallowtail)	<i>Lutjanus erythropterus</i>	405,693	405,693
Snapper, ruby	<i>Etelis</i> spp.	4,854	4,854

COMMON NAME	SCIENTIFIC NAME	LANDED WEIGHT (kg)	LIVE WEIGHT (kg)
<i>FISH (cont.)</i>			
Sole	Cynoglossidae, Soleidae	1,112	1,112
Sprat, blue	<i>Spratelloides robustus</i>	24,687	24,687
Sweep	<i>Scorpius aequipinnis</i>	1,884	2,184
Sweetlip	Haemulidae	85,351	86,734
Swordfish, broad-billed	<i>Xiphias gladius</i>	1,193	1,193
Tailor	<i>Pomatomus saltatrix</i>	37,983	37,983
Threadfin	Polynemidae	8,684	9,948
Threadfin bream (butterfish)	Nemipteridae	261,002	261,002
Threadfin, giant (king salmon)	<i>Eleutheronema tetradactylum</i>	151,517	164,747
Trevalla, deepsea	<i>Hyperoglyphe antarctica</i>	17,358	17,368
Trevally, golden	<i>Gnathanodon speciosus</i>	10,482	10,517
Trevally, other (skippy)	Carangidae	201,315	201,815
Trevally, skipjack	<i>Pseudocaranx dentex</i>	5,526	5,630
Tripletail	<i>Lobotes surinamensis</i>	776	776
Trout, coral	<i>Plectropomus maculatus</i>	22,101	22,360
Trout, spotted (duskytail groper)	<i>Epinephelus bleekeri</i>	776	776
Tuna, northern bluefin	<i>Thunnus tonggol</i>	9,905	9,905
Tuna, skipjack (striped)	<i>Katsuwonus pelamis</i>	729	834
Tuna, yellowfin	<i>Thunnus albacares</i>	4,274	4,631
Tuna, other	Scombridae	11,824	11,923
Tuskfish, bluebone	<i>Choerodon</i> spp.	12,274	12,275
Whitebait	<i>Hyperlophus vittatus</i>	153,578	153,578
Whiting, golden-lined	<i>Sillago analis</i>	1,494	1,494
Whiting, King George	<i>Sillaginodes punctata</i>	16,147	16,162
Whiting, other	Sillaginidae	1,284	1,284
Whiting, western sand	<i>Sillago schomburgkii</i>	156,371	156,387
Other fish varieties		137,245	147,309
Total fish		15,439,708	16,534,918
<i>CRABS</i>			
Crab, coral	<i>Charybdis feriata</i>	1,705	1,705
Crab, king	<i>Pseudocarcinus gigas</i>	13,486	13,486
Crab, mud	<i>Scylla serrata</i>	1,897	1,897
Crab, blue swimmer (blue manna, sand)	<i>Portunus pelagicus</i>	763,804	763,804
Crab, snow	<i>Chaceon bicolor</i>	230,242	230,242
Crab, spiny	<i>Hypothalassia armata</i>	14,788	14,788
Other crabs		62	62
Total crabs		1,025,984	1,025,984
<i>PRAWNS</i>			
Prawn, banana	<i>Penaeus merguensis</i>	199,551	199,551
Prawn, brown tiger	<i>Penaeus esculentus</i>	907,158	907,158
Prawn, coral	<i>Metapenaeopsis</i> spp.	300,933	300,933
Prawn, endeavour	<i>Metapenaeus endeavouri</i>	181,994	181,994
Prawn, western king	<i>Penaeus latisulcatus</i>	2,004,238	2,004,238
Other prawns	Penaeidae	1,951	1,951
Total prawns		3,595,825	3,595,825

COMMON NAME	SCIENTIFIC NAME	LANDED WEIGHT (kg)	LIVE WEIGHT (kg)
ROCK LOBSTERS			
Bugs	Scyllaridae	26,972	34,197
Rock lobster, southern	<i>Jasus edwardsii</i>	65,892	65,892
Rock lobster, western	<i>Panulirus cygnus</i>	8,984,426	8,984,426
Other rock lobsters		4	4
Total rock lobsters		9,077,294	9,084,519
MOLLUSCS			
Abalone, brownlip	<i>Haliotis conicopora</i>	12,068	29,663
Abalone, greenlip	<i>Haliotis laevigata</i>	62,119	163,613
Abalone, Roe's	<i>Haliotis roei</i>	88,745	103,343
Cuttlefish	<i>Sepia</i> spp.	119,743	120,000
Mussel	<i>Mytilus edulis</i>	14,634	14,634
Octopus	<i>Octopus</i> spp. (mainly <i>O. tetricus</i>)	117,803	225,352
Scallop, saucer	<i>Amusium balloti</i>	413,564	1,990,928
Squid	<i>Sepioteuthis</i> spp., <i>Loligo</i> spp.	68,678	68,678
Other molluscs		54	54
Total molluscs		897,408	2,716,265
OTHER CLASSES			
Beche-de-mer	Holothuridae	36,064	71,360
Total other classes		36,064	71,360
GRAND TOTAL		30,072,283	33,028,871

1. *Landed weight*: refers to the mass (or weight) of a product at the time of landing, regardless of the state in which is landed. That is, the fish may be whole, gutted or filleted etc. This unit is of limited use for further analysis except where it is known that the product is very homogenous in nature. Where more detailed analysis of the data is required the landed weight is generally converted to a more meaningful measure, the most frequently used being termed live or whole weight or 'nominal catch'.
2. *Live weight*: refers to the landings converted to a live weight basis. In fact it is often referred to as the 'live weight equivalent of the landings' or shortened to the 'live weight'. Although live weight may be the preferred unit it is rarely obtained as a direct measure. This is because it would usually have to be made on board a fishing vessel where the practical difficulties associated with the working conditions render it impossible. Live weight has to be derived and this is usually done by applying a conversion factor to the landed weight.

More information may be obtained from the 'CWP Handbook of Fishery Statistical Standards' at the website <http://www.fao.org/fi/figis/concept/section1.html>.

Reported catches from collectors' licences for 2001/02

SPECIES	QUANTITY	WEIGHT (kg)
Aquarium fish	167,871	
Hermit crabs	<i>Coenobita variabilis</i>	101,580
Specimen shells	11,161	
Invertebrates	5,112	
Corals	Order Scleractinia	3,007
Soft corals, living rock, living sand, algae		9,994