

APPENDIX 3

Table of catches from fishers' statutory monthly returns for 2007/08

This table contains the landed¹ and estimated live weight² of species recorded in the compulsory catch and fishing effort returns provided by commercial fishers 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 log books and processors. The figures may also differ slightly from previously reported figures, as additional data may have been received by the Department of Fisheries. 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 as belonging to a particular single species and therefore must be reported as being part of 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)
Fish			
Amberjack	<i>Seriola dumerili</i>	7,978	7,978
Anchovy	<i>Engraulis australis</i>	1,614	1,614
Barramundi (giant perch)	<i>Lates calcarifer</i>	23,035	33,609
Bass grouper	<i>Polyprion americanus</i>	6,485	6,485
Bigeye (not tuna)	Priacanthidae	27,105	27,105
Boarfish	Pentacerotidae	4,524	5,429
Bonito	<i>Sarda australis</i>	1,499	1,506
Bream, black	<i>Acanthopagrus butcheri</i>	39,336	39,336
Bream, monocle	<i>Scolopsis spp.</i>	12,666	12,666
Bream, Robinson's	<i>Gymnocranius grandoculis</i>	40,939	40,939
Bream, sea	<i>Gymnocranius spp.</i>	11,042	11,126
Bream, silver (tarwhine)	<i>Rhabdosargus sarba</i>	5,241	5,241
Bream, western yellowfin	<i>Acanthopagrus latus</i>	20,235	20,235
Catfish, sea (golden cobbler)	Ariidae	22,238	22,267
Chinaman fish (not cod)	<i>Symphorus nematophorus</i>	11,856	11,856
Cobbler	<i>Cnidoglanis macrocephalus</i>	41,976	59,846
Cobbler, silver	<i>Arius midgleyi</i>	58,541	87,511
Cod	Serranidae	60,869	61,502
Cod, bar (grey-banded, eight-bar)	<i>Epinephelus octofasciatus</i>	32,503	32,503
Cod, breaksea	<i>Epinephelides armatus</i>	6,656	6,826
Cod, chinaman	<i>Epinephelus rivulatus</i>	2,070	2,090
Cod, radiant/comet	<i>Epinephelus radiatus/morrhua</i>	1,344	1,344
Cod, Rankin	<i>Epinephelus multinotatus</i>	189,957	189,957
Cod, spotted	<i>Epinephelus microdon, E. areolatus, E. bilobatus</i>	60,126	60,126
Dhufish, West Australian (jewfish)	<i>Glaucosoma hebraicum</i>	159,726	165,901
Emperor, blue-lined (grass, black snapper)	<i>Lethrinus laticaudis</i>	3,494	3,494
Emperor, blue-spot	<i>Lethrinus hutchinsi</i>	419,134	419,134
Emperor, red	<i>Lutjanus sebae</i>	372,294	372,444
Emperor, red-spot (snapper)	<i>Lethrinus lentjan</i>	61,457	61,457
Emperor, spangled	<i>Lethrinus nebulosus</i>	98,720	98,848
Emperor, sweetlip	<i>Lethrinus miniatus</i>	124,994	125,016
Emperor, yellow-tailed	<i>Lethrinus atkinsoni</i>	2,023	2,023

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Common Name	Scientific Name	Landed weight (kg)	Live weight (kg)
Fish (continued)			
Flagfish (Spanish flag)	<i>Lutjanus vitta</i> , <i>L. quinquelineatus</i> , <i>L. carponotatus</i> , <i>L. lutjanus</i>	148,697	148,697
Flathead	Platycephalidae	11,169	11,184
Flounder	Bothidae	3,058	3,111
Garfish, sea	<i>Hyporhamphus melanochir</i>	31,089	31,089
Groper, baldchin	<i>Choerodon rubescens</i>	28,269	32,058
Groper, blue	<i>Achoerodus gouldii</i>	34,785	41,080
Groper (wrasses)	Labridae	1,848	1,851
Halibut	<i>Psettodes erumei</i>	1,693	1,693
Hapuku	<i>Polyprion oxygeneios</i>	18,896	18,919
Herring, Australian	<i>Arripis georgianus</i>	230,592	230,592
Herring, Perth	<i>Nematalosa vlaminghi</i>	4,617	4,617
Javelin fish	<i>Pomadasys</i> spp.	47,702	47,702
Jobfish (goldband snapper) –see Snapper, goldband			
Jobfish, rosy –see Snapper, rosy			
Jobfish (sharptooth snapper)			
Kingfish, black (cobia)	<i>Rachycentron canadum</i>	15,479	15,666
Kingfish, yellowtail	<i>Seriola lalandi</i>	855	948
Knifejaw	<i>Oplegnathus woodwardi</i>	1,824	1,919
Leather jacket	Monacanthidae	21,948	32,192
Mackerel, blue	<i>Scomber australasicus</i>	541	541
Mackerel, grey (broad-barred)	<i>Scomberomorus semifasciatus</i>	17,641	17,642
Mackerel, scaly	<i>Sardinella lemuru</i>	598,632	598,632
Mackerel, shark (salmon)	<i>Grammatorcynus bicarinatus</i>	847	851
Mackerel, Spanish	<i>Scomberomorus commerson</i>	204,466	297,415
Mangrove jack	<i>Lutjanus argentimaculatus</i>	13,568	13,606
Morwong	Cheilodactylidae	653	654
Mullet, other	Mugilidae	1,440	1,440
Mullet, red	Mullidae	23,232	23,232
Mullet, sea	<i>Mugil cephalus</i>	220,153	220,153
Mullet, yellow-eye	<i>Aldrichetta forsteri</i>	34,965	34,965
Mulloway	<i>Argyrosomus hololepidotus</i>	27,497	28,752
Mulloway, northern (black jew)	<i>Protonibea diacanthus</i>	879	1,224
Parrot fish	Scaridae	10,183	10,273
Perch, darktail sea (maroon sea) -see Snapper, marron			
Perch, Moses –see Snapper, Moses			
Perch, pearl	<i>Glaucosoma buergeri</i>	50,289	50,306
Perch, red (maroon sea perch)	<i>Lutjanus</i> spp. (<i>large</i>)	3,213	3,213
Perch, scarlet sea (saddletail sea perch) –see snapper, saddletail	<i>Lutjanus malabaricus</i>	165,018	165,137
Perch, yellowtail	<i>Amniataba caudavittatus</i>	1,863	1,863
Perches, other	Lutjanidae	4,806	4,834
Pike, sea	<i>Sphyræna novaehollandiae</i>	1,777	1,777
Pilchard (the name 'Australian sardine' is used by ABARE)	<i>Sardinops sagax ocellatus</i>	1,873,226	1,873,226

Common Name	Scientific Name	Landed weight (kg)	Live weight (kg)
Fish (continued)			
Pomfret, black	<i>Parastromateus niger</i>	3,221	3,227
Redfish	<i>Centroberyx spp.</i>	2,565	2,598
Redfish, bight	<i>Centroberyx gerrardi</i>	53,828	54,723
Redfish, yelloweye	<i>Centroberyx australis</i>	29,190	29,725
Rockcod, blackspotted	<i>Epinephelus malabaricus</i>	17,360	17,376
Rockcod, goldspotted	<i>Epinephelus coioides</i>	3,187	3,187
Salmon, Western Australian	<i>Arripis truttaceus</i>	1,027,468	1,047,969
Samson fish (sea kingfish)	<i>Seriola hippos</i>	60,430	63,072
Scad, yellowtail	<i>Trachurus novaezelandiae</i>	8,419	8,419
Scorpionfishes	Scorpaenidae	2,935	2,935
Shark, blacktip	<i>Carcharhinus spp.</i>	28,132	68,075
Shark, bronze whaler (dusky whaler)	<i>Carcharhinus obscurus</i>	112,266	178,468
Shark, common saw	<i>Pristiphorus cirratus</i>	1,335	3,112
Shark, eastern school	<i>Galeorhinus galeus</i>	830	1,321
Shark, golden (copper whaler)	<i>Carcharhinus brachyurus</i>	28,854	45,881
Shark, gummy	<i>Mustelus antarcticus</i>	358,555	570,075
Shark, hammerhead	Sphyrnidae	49,110	84,380
Shark, mako (shortfin)	<i>Isurus oxyrinchus</i>	10,872	17,288
Shark, pencil	<i>Hypogaleus hyugaensis</i>	1,205	1,915
Shark, saw	<i>Pristiphorus spp.</i>	1,749	4,077
Shark, spinner (long-nose grey)	<i>Carcharhinus brevipinna</i>	18,154	29,180
Shark, thickskin (sandbar)	<i>Carcharhinus plumbeus</i>	81,610	131,187
Shark, tiger	<i>Galeocerdo cuvier</i>	10,658	26,707
Shark, whiskery	<i>Furgaleus macki</i>	96,754	145,218
Shark, wobbegong	Orectolobidae	54,080	85,837
Shark, other		9,893	15,541
Shovelnose (fiddler rays)	<i>Rhinobatidae & Rhynchobatidae</i>	2,742	11,181
Skates and rays, other		9,490	18,300
Snapper, bullnose (variegated emperor)	<i>Lethrinus ravus</i>	2,511	2,511
Snapper, crimson (formerly red snapper)	<i>Lutjanus erythropterus</i>	303,770	303,770
Snapper, fingermark (golden)	<i>Lutjanus johnii</i>	530	876
Snapper, frypan	<i>Argyrops spinifer</i>	69,476	69,476
Snapper, goldband	<i>Pristipomoides multidens</i>	560,127	560,127
Snapper, long nose	<i>Lethrinus olivaceus</i>	16,623	16,623
Snapper, maroon (formerly maroon sea perch)	<i>Lutjanus lemniscatus</i>	19,030	19,030
Snapper, Moses (formerly Moses Perch)	<i>Lutjanus russelli</i>	52,141	52,141
Snapper, nor-west	Lethrinidae	18,897	18,908
Snapper, pink	<i>Pagrus auratus</i>	573,596	585,600
Snapper, queen	<i>Nemadactylus valenciennesi</i>	53,538	58,485
Snapper, red (swallowtail) –see Snapper, crimson			
Snapper, rosy	<i>Pristipomoides filamentosus</i>	29,537	29,558
Snapper, ruby	<i>Etelis spp.</i>	50,266	50,266
Snapper, saddletail sea (formerly scarlet sea perch)	<i>Lutjanus malabaricus</i>	165,018	165,137
Snapper, sharptooth	<i>Pristipomoides typus</i>	3,647	3,647
Sprat, blue	<i>Spratelloides robustus</i>	15,220	15,220

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Fish (continued)			
Sweep	<i>Scorpis aequipinnis</i>	1,249	1,381
Sweetlip	Haemulidae	80,382	80,847
Tailor	<i>Pomatomus saltatrix</i>	22,921	22,921
Threadfin	Polynemidae	9,444	9,990
Threadfin bream (butterfish)	Nemipteridae	292,477	292,477
Threadfin, giant (king salmon)	<i>Eleutheronema tetradactylum</i>	70,907	73,540
Trevalla, deepsea	<i>Hyperoglyphe antarctica</i>	12,660	12,660
Trevally, golden	<i>Gnathanodon speciosus</i>	5,527	5,585
Trevally, other (skippy)	Carangidae	190,252	190,449
Trevally, skipjack	<i>Pseudocaranx dentex</i>	8,057	8,386
Tripletail	<i>Lobotes surinamensis</i>	2,339	2,493
Trout, coral	<i>Plectropomus maculatus</i>	17,959	18,335
Trout, spotted (duskytail grouper)	<i>Epinephelus bleekeri</i>	7,687	7,687
Trumpeters	Terapontidae	4,009	4,009
Tuna, yellowfin	<i>Thunnus albacares</i>	645	726
Tuna, other	Scombridae	38,505	38,536
Tuskfish, bluebone	<i>Choerodon spp.</i>	11,134	11,207
Whitebait	<i>Hyperlophus vittatus</i>	87,397	87,397
Whiting, King George	<i>Sillaginodes punctata</i>	10,478	10,480
Whiting, western sand	<i>Sillago schomburgkii</i>	123,564	123,793
Whiting, other	Sillaginidae	1,293	1,293
Other fish varieties		116,953	163,274
Total Fish		10,758,724	11,595,143
CRABS			
Crab, blue swimmer (blue manna, sand)	<i>Portunus pelagicus</i>	955,133	955,133
Crab, champagne (spiny)	<i>Hypothalassia acerba</i>	7,626	7,626
Crab, crystal (snow)	<i>Chaceon bicolor</i>	220,825	220,825
Crab, giant (king)	<i>Pseudocarcinus gigas</i>	4,476	4,476
Crab, mud	<i>Scylla serrata</i>	8,051	8,051
Total crabs		1,196,111	1,196,111
PRAWNS			
Prawn, banana	<i>Penaeus merguensis</i>	172,354	172,354
Prawn, brown tiger	<i>Penaeus esculentus</i>	739,329	739,329
Prawn, coral	<i>Metapenaeopsis spp.</i>	179,453	179,453
Prawn, endeavour	<i>Metapenaeus endeavouri</i>	189,040	189,040
Prawn, western king	<i>Penaeus latisulcatus</i>	1,317,944	1,317,944
Prawn, other		2,566	2,566
Total prawns		2,600,686	2,600,686
LOBSTERS			
Bugs	Scyllaridae	12,122	12,201
Rock lobster, southern	<i>Jasus edwardsii</i>	53,711	53,711
Rock lobster, western	<i>Panulirus cygnus</i>	8,612,970	8,612,970
Total lobsters		8,678,803	8,678,882

MOLLUSCS			
Abalone, brownlip	<i>Haliotis conicopora</i>	15,488	36,418
Abalone, greenlip	<i>Haliotis laevigata</i>	61,264	162,065
Abalone, Roe's	<i>Haliotis roei</i>	73,076	85,710
Cuttlefish	Sepiidae	34,402	34,444
Octopus	<i>Octopus spp.</i> (mainly <i>O. tetricus</i>)	113,111	217,534
Scallop, saucer	<i>Amusium balloti</i>	472,894	2,361,390
Squid	<i>Sepioteuthis spp.</i> , <i>Loligo spp.</i>	59,318	59,318
Total molluscs		829,552	2,956,878
OTHER CLASSES			
Beche-de-mer	Holothuridae	26,752	80,256
Total other classes		26,752	80,256
GRAND TOTAL		24,090,628	27,107,957

1. *Landed weight*: refers to the mass (or weight) of a product at the time of landing, regardless of the state in which it 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. This is often referred to as the 'live weight equivalent of the landings', 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/figis/servlet/static?dom=ontology&xml=sectionB.xml>.

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