

## APPENDIX 3

### Table of catches from fishers' statutory monthly returns for 2005/06

This table contains the landed<sup>1</sup> and estimated live weight<sup>2</sup> 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) |
|--|---|--------------------|------------------|
| <b>Fish</b>                                |   |                    |                  |
| Amberjack                                  | <i>Seriola dumerili</i>                         | 7,718              | 7,718            |
| Barramundi (giant perch)                   | <i>Lates calcarifer</i>                         | 18,906             | 25,824           |
| Bass grouper                               | <i>Polyprion americanus</i>                     | 9,281              | 9,281            |
| Bigeye (not tuna)                          | Priacanthidae                                   | 30,705             | 30,705           |
| Boarfish                                   | Pentacerotidae                                  | 3,117              | 3,807            |
| Bonito                                     | <i>Sarda australis</i>                          | 1,220              | 1,227            |
| Bream, black                               | <i>Acanthopagrus butcheri</i>                   | 44,525             | 44,525           |
| Bream, monocle                             | <i>Scolopsis</i> spp.                           | 22,036             | 22,036           |
| Bream, Mozambique                          | <i>Wattsia mossambica</i>                       | 726                | 726              |
| Bream, Robinson's                          | <i>Gymnocranius grandoculis</i>                 | 43,678             | 43,678           |
| Bream, sea                                 | <i>Gymnocranius</i> spp.                        | 6,477              | 6,477            |
| Bream, silver (tarwhine)                   | <i>Rhabdosargus sarba</i>                       | 5,808              | 5,808            |
| Bream, western yellowfin                   | <i>Acanthopagrus latus</i>                      | 25,760             | 25,760           |
| Catfish, sea (golden cobbler)              | Ariidae   | 16,988             | 18,613           |
| Chinaman fish (not cod)                    | <i>Symphorus nematophorus</i>                   | 19,902             | 19,902           |
| Cobbler                                    | <i>Cnidoglanis macrocephalus</i>                | 34,872             | 49,417           |
| Cobbler, silver                            | <i>Arius midgleyi</i>                           | 53,811             | 88,064           |
| Cod  | Serranidae                                      | 63,453             | 63,852           |
| Cod, bar (grey-banded, eight-bar)          | <i>Epinephelus octofasciatus</i>                | 39,126             | 39,135           |
| Cod, breaksea                              | <i>Epinephelides armatus</i>                    | 8,728              | 8,890            |
| Cod, chinaman                              | <i>Epinephelus rivulatus</i>                    | 2,134              | 2,161            |
| Cod, radiant/comet                         | <i>Epinephelus radiatus/morrhua</i>             | 1,159              | 1,171            |
| Cod, Rankin                                | <i>Epinephelus multinotatus</i>                 | 153,832            | 153,832          |
| Cod, spotted                               | <i>Epinephelus microdon/areolatus/bilobatus</i> | 94,397             | 94,406           |
| Dhufish, West Australian (jewfish)         | <i>Glaucosoma hebraicum</i>                     | 203,058            | 211,901          |
| Emperor, blue-lined (grass; black snapper) | <i>Lethrinus laticaudis</i>                     | 3,489              | 3,493            |
| Emperor, blue-spot                         | <i>Lethrinus hutchinsi</i>                      | 549,523            | 549,523          |
| Emperor, red                               | <i>Lutjanus sebae</i>                           | 403,358            | 403,476          |
| Emperor, red-spot (snapper)                | <i>Lethrinus lentjan</i>                        | 60,907             | 60,907           |
| Emperor, spangled                          | <i>Lethrinus nebulosus</i>                      | 104,430            | 104,476          |

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| Common Name   | Scientific Name  | Landed weight<br>(kg) | Live weight<br>(kg) |
|---|--|-----------------------|---------------------|
| <b>Fish (continued)</b>                                   |  |                       |                     |
| Emperor, sweetlip   | <i>Lethrinus miniatus</i>  | 180,053               | 180,090             |
| Emperor, yellow-tailed                                    | <i>Lethrinus atkinsoni</i>   | 787                   | 787                 |
| Flagfish (Spanish flag)                                   | <i>Lutjanus vitta</i> , <i>L. quinquelineatus</i> ,<br><i>L. carponotatus</i> , <i>L. lutjanus</i> | 210,935               | 210,939             |
| Flathead  | Platycephalidae  | 10,973                | 10,973              |
| Flounder  | Bothidae   | 2,470                 | 2,472               |
| Garfish, sea  | <i>Hyporhamphus melanochir</i>   | 34,935                | 34,992              |
| Groper, baldchin  | <i>Choerodon rubescens</i>   | 35,723                | 38,651              |
| Groper, blue  | <i>Achoerodus gouldii</i>  | 35,746                | 43,062              |
| Groper (wrasses)  | Labridae   | 5,717                 | 5,717               |
| Halibut   | <i>Psettodes erumei</i>  | 2,020                 | 2,020               |
| Hapuku  | <i>Polyprion oxygeneios</i>  | 40,847                | 40,856              |
| Herring, Australian                                       | <i>Arripis georgianus</i>  | 352,395               | 352,395             |
| Herring, Perth  | <i>Nematalosa vlaminghi</i>  | 8,021                 | 8,021               |
| Javelin fish  | <i>Pomadasys</i> spp.  | 31,368                | 31,368              |
| Jobfish (goldband snapper)<br>- see Snapper, goldband     |  |                       |                     |
| Jobfish, rosy<br>- see Snapper, rosy                      |  |                       |                     |
| Jobfish (sharptooth snapper)                              |  |                       |                     |
| Kingfish, black (cobia)                                   | <i>Rachycentron canadum</i>  | 25,184                | 25,431              |
| Kingfish, yellowtail                                      | <i>Seriola lalandi</i>   | 2,597                 | 2,687               |
| Knifejaw  | <i>Oplegnathus woodwardi</i>   | 2,275                 | 2,328               |
| Leather jacket  | Monacanthidae  | 22,084                | 31,739              |
| Mackerel, blue  | <i>Scomber australasicus</i>   | 1,223                 | 1,223               |
| Mackerel, grey (broad-barred)                             | <i>Scomberomorus semifasciatus</i>   | 16,382                | 18,012              |
| Mackerel, other   | Scombridae   | 20,747                | 23,661              |
| Mackerel, scaly   | <i>Sardinella lemuru</i>   | 1,659,944             | 1,659,944           |
| Mackerel, shark (salmon)                                  | <i>Grammatorcynus bicarinatus</i>  | 1,240                 | 1,780               |
| Mackerel, Spanish   | <i>Scomberomorus commerson</i>   | 188,332               | 263,094             |
| Mangrove jack   | <i>Lutjanus argentimaculatus</i>   | 14,814                | 14,817              |
| Maray   | <i>Etrumeus teres</i>  | 16,740                | 16,740              |
| Morwong   | Cheilodactylidae   | 916                   | 1,090               |
| Mullet, other   | Mugillidae   | 2,953                 | 2,963               |
| Mullet, red   | Mullidae   | 70,523                | 70,523              |
| Mullet, sea   | <i>Mugil cephalus</i>  | 199,930               | 199,930             |
| Mullet, yellow-eye  | <i>Aldrichetta forsteri</i>  | 37,842                | 37,842              |
| Mulloway  | <i>Argyrosomus hololepidotus</i>   | 21,678                | 23,307              |
| Mulloway, northern (black jew)                            | <i>Protonibea diacanthus</i>   | 1,665                 | 1,868               |
| Parrot fish   | Scaridae   | 20,040                | 20,360              |
| Perch, darktail sea (maroon sea)<br>- see Snapper, maroon |  |                       |                     |
| Perch, Moses<br>- see Snapper, Moses                      |  |                       |                     |
| Perch, pearl  | <i>Glaucosoma buergeri</i>   | 56,634                | 56,634              |

| Common Name  | Scientific Name                   | Landed weight<br>(kg) | Live weight<br>(kg) |
|--|-----------------------------------|-----------------------|---------------------|
| <b>Fish (Continued)</b>  |                                   |                       |                     |
| Perch, red<br>- see Snappers, other                              |                                   |                       |                     |
| Perch, scarlet sea (saddletail sea)<br>- see snapper, saddletail |                                   |                       |                     |
| Perch, yellowtail  | <i>Amniataba caudavittatus</i>    | 1,262                 | 1,262               |
| Perches, other<br>- see Snappers, other                          |                                   |                       |                     |
| Pike, sea  | <i>Sphyræna novaehollandiae</i>   | 1,434                 | 1,434               |
| Pilchard   | <i>Sardinops sagax ocellatus</i>  | 1,906,272             | 1,906,272           |
| Pomfret, black   | <i>Parastromateus niger</i>       | 3,552                 | 3,552               |
| Redfish  | <i>Centroberyx</i> spp.           | 61,543                | 62,224              |
| Redfish, Bight   | <i>Centroberyx gerrardi</i>       | 68,082                | 68,257              |
| Redfish, yelloweye   | <i>Centroberyx australis</i>      | 746                   | 773                 |
| Rockcod, blackspotted  | <i>Epinephelus malabaricus</i>    | 3,780                 | 3,780               |
| Rockcod, goldspotted   | <i>Epinephelus coioides</i>       | 3,108                 | 3,108               |
| Salmon, Western Australian                                       | <i>Arripis truttaceus</i>         | 1,937,046             | 2,004,084           |
| Samson fish (sea kingfish)                                       | <i>Seriola hippos</i>             | 76,030                | 80,704              |
| Sawfish  | Pristidae                         | 150                   | 555                 |
| Scad, yellowtail   | <i>Trachurus novaezelandiae</i>   | 16,307                | 16,307              |
| Scorpionfishes   | Scorpaenidae                      | 7,156                 | 7,156               |
| Shark, blacktip  | <i>Carcharhinus</i> spp.          | 54,586                | 95,034              |
| Shark, bronze whaler (dusky whaler)                              | <i>Carcharhinus obscurus</i>      | 190,759               | 301,332             |
| Shark, bull (river whaler)                                       | <i>Carcharhinus leucas</i>        | 11,344                | 18,036              |
| Shark, eastern school  | <i>Galeorhinus galeus</i>         | 4,892                 | 7,781               |
| Shark, golden (copper whaler)                                    | <i>Carcharhinus brachyurus</i>    | 4,910                 | 7,806               |
| Shark, grey reef   | <i>Carcharhinus amblyrhynchos</i> | 490                   | 779                 |
| Shark, gummy   | <i>Mustelus antarcticus</i>       | 310,033               | 490,849             |
| Shark, hammerhead  | Sphyrnidae                        | 56,923                | 91,884              |
| Shark, lemon   | <i>Negaprion acutidens</i>        | 4,333                 | 6,884               |
| Shark, mako (shortfin)   | <i>Isurus oxyrinchus</i>          | 1,782                 | 2,826               |
| Shark, pigeye  | <i>Carcharhinus amboinensis</i>   | 15,811                | 25,280              |
| Shark, saw   | <i>Pristiphorus</i> spp.          | 2,141                 | 4,989               |
| Shark, southern saw  | <i>Pristiphorus nudipinnis</i>    | 356                   | 831                 |
| Shark, spinner   | <i>Carcharhinus brevipinna</i>    | 2,042                 | 3,035               |
| Shark, spot-tail   | <i>Carcharhinus sorrah</i>        | 6,805                 | 16,502              |
| Shark, spurdog   | Squalidae/Oxynotidae              | 502                   | 654                 |
| Shark, thickskin (sandbar)                                       | <i>Carcharhinus plumbeus</i>      | 115,869               | 183,914             |
| Shark, tiger   | <i>Galeocerdo cuvier</i>          | 15,264                | 24,270              |
| Shark, whiskery  | <i>Furgaleus macki</i>            | 127,448               | 191,013             |
| Shark, wobbegong   | Orectolobidae                     | 51,665                | 78,667              |
| Shark, other   |                                   | 63,574                | 94,280              |
| Shovelnose (fiddler rays)  | Rhinobatidae and Rhynchobatidae   | 4,467                 | 14,828              |
| Skates and rays, other   |                                   | 7,978                 | 17,011              |
| Snapper, bullnose (variegated emperor)                           | <i>Lethrinus ravus</i>            | 2,198                 | 2,198               |

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| Common Name                                      | Scientific Name                    | Landed weight<br>(kg) | Live weight<br>(kg) |
|--|------------------------------------|-----------------------|---------------------|
| <b>Fish (Continued)</b>                          |                                    |                       |                     |
| Snapper, crimson (formerly red snapper)          | <i>Lutjanus erythropterus</i>      | 364,950               | 364,950             |
| Snapper, fingermark (golden)                     | <i>Lutjanus johnii</i>             | 445                   | 768                 |
| Snapper, frypan                                  | <i>Argyrops spinifer</i>           | 46,946                | 46,946              |
| Snapper, goldband                                | <i>Pristipomoides multidens</i>    | 666,043               | 666,139             |
| Snapper, long nose                               | <i>Lethrinus olivaceus</i>         | 17,759                | 17,759              |
| Snapper, maroon (formerly maroon sea perch)      | <i>Lutjanus lemniscatus</i>        | 24,235                | 24,235              |
| Snapper, Moses (formerly Moses perch)            | <i>Lutjanus russelli</i>           | 66,408                | 66,408              |
| Snapper, nor-west                                | Lethrinidae                        | 49,515                | 49,562              |
| Snapper, pink                                    | <i>Pagrus auratus</i>              | 665,756               | 676,977             |
| Snapper, queen                                   | <i>Nemadactylus valenciennesi</i>  | 48,651                | 55,388              |
| Snapper, rosy (formerly rosy jobfish)            | <i>Pristipomoides filamentosus</i> | 23,559                | 23,559              |
| Snapper, ruby                                    | <i>Etelis</i> spp.                 | 60,276                | 60,324              |
| Snapper, saddletail (formerly scarlet sea perch) | <i>Lutjanus malabaricus</i>        | 193,111               | 193,118             |
| Snapper, sharptooth                              | <i>Pristipomoides typus</i>        | 7,644                 | 7,739               |
| Snappers, other                                  | Lutjanidae                         | 1,760                 | 2,141               |
| Sprat, blue                                      | <i>Spratelloides robustus</i>      | 10,947                | 10,947              |
| Sweep  | <i>Scorpius aequipinnis</i>        | 1,235                 | 1,321               |
| Sweetlip   | Haemulidae                         | 96,380                | 98,311              |
| Tailor   | <i>Pomatomus saltatrix</i>         | 23,416                | 23,416              |
| Threadfin  | Polynemidae                        | 1,261                 | 1,389               |
| Threadfin bream (butterfish)                     | Nemipteridae                       | 245,659               | 245,659             |
| Threadfin, giant (king salmon)                   | <i>Eleutheronema tetradactylum</i> | 72,197                | 73,793              |
| Trevalla, deepsea                                | <i>Hyperoglyphe antarctica</i>     | 13,721                | 13,721              |
| Trevally, golden                                 | <i>Gnathanodon speciosus</i>       | 8,449                 | 8,449               |
| Trevally, other (skippy)                         | Carangidae                         | 193,107               | 193,567             |
| Trevally, skipjack                               | <i>Pseudocaranx dentex</i>         | 3,757                 | 3,778               |
| Tripletail                                       | <i>Lobotes surinamensis</i>        | 3,226                 | 3,273               |
| Trout, coral                                     | <i>Plectropomus maculatus</i>      | 24,811                | 25,203              |
| Trout, spotted (duskytail groper)                | <i>Epinephelus bleekeri</i>        | 10,451                | 10,451              |
| Trumpeters                                       | Terapontidae                       | 3,551                 | 3,551               |
| Tuna, mackerel                                   | <i>Euthynnus affinis</i>           | 893                   | 893                 |
| Tuna, other                                      | Scombridae                         | 2,103                 | 2,341               |
| Tuna, skipjack (striped)                         | <i>Katsuwonus pelamis</i>          | 2,800                 | 2,800               |
| Tuna, yellowfin                                  | <i>Thunnus albacares</i>           | 1,442                 | 1,623               |
| Tuskfish, bluebone                               | <i>Choerodon</i> spp.              | 27,122                | 27,155              |
| Whitebait  | <i>Hyperlophus vittatus</i>        | 240,790               | 240,790             |
| Whiting, golden-lined                            | <i>Sillago analis</i>              | 9,303                 | 9,303               |
| Whiting, King George                             | <i>Sillaginodes punctata</i>       | 9,601                 | 9,601               |
| Whiting, other                                   | Sillaginidae                       | 1,502                 | 1,502               |
| Whiting, western sand                            | <i>Sillago schomburgkii</i>        | 173,604               | 173,604             |
| Other fish varieties                             |                                    | 72,379                | 75,298              |
| <b>Total fish</b>                                |                                    | <b>14,002,262</b>     | <b>14,897,010</b>   |

| Common Name                           | Scientific Name                                  | Landed weight (kg) | Live weight (kg)  |
|---------------------------------------|--|--------------------|-------------------|
| <b>CRABS</b>                          |  |                    |                   |
| Crab, blue swimmer (blue manna, sand) | <i>Portunus pelagicus</i>                        | 834,567            | 834,567           |
| Crab, champagne (spiny)               | <i>Hypothalassia acerba</i>                      | 10,951             | 10,951            |
| Crab, crystal (snow)                  | <i>Chaceon bicolour</i>                          | 187,904            | 187,904           |
| Crab, giant (king)                    | <i>Pseudocarcinus gigas</i>                      | 5,821              | 5,821             |
| Crab, mud                             | <i>Scylla serrata</i>                            | 3,371              | 3,371             |
| <b>Total crabs</b>                    |  | <b>1,042,614</b>   | <b>1,042,614</b>  |
| <b>PRAWNS</b>                         |  |                    |                   |
| Prawn, banana                         | <i>Penaeus merguensis</i>                        | 463,346            | 463,346           |
| Prawn, brown tiger                    | <i>Penaeus esculentus</i>                        | 934,376            | 934,376           |
| Prawn, coral                          | <i>Metapenaeopsis</i> spp.                       | 127,797            | 127,797           |
| Prawn, endeavour                      | <i>Metapenaeus endeavouri</i>                    | 220,660            | 220,660           |
| Prawn, western king                   | <i>Penaeus latisulcatus</i>                      | 1,591,046          | 1,591,046         |
| Other prawns                          | Penaeidae  | 124                | 124               |
| <b>Total prawns</b>                   |  | <b>3,337,349</b>   | <b>3,337,349</b>  |
| <b>LOBSTERS</b>                       |  |                    |                   |
| Bugs                                  | Scyllaridae                                      | 17,044             | 17,233            |
| Rock lobster, southern                | <i>Jasus edwardsii</i>                           | 38,202             | 38,202            |
| Rock lobster, western                 | <i>Panulirus cygnus</i>                          | 10,395,985         | 10,395,985        |
| <b>Total lobsters</b>                 |  | <b>10,451,231</b>  | <b>10,451,420</b> |
| <b>MOLLUSCS</b>                       |  |                    |                   |
| Abalone, brownlip                     | <i>Haliotis conicopora</i>                       | 15,161             | 37,930            |
| Abalone, greenlip                     | <i>Haliotis laevigata</i>                        | 60,578             | 161,553           |
| Abalone, Roe's                        | <i>Haliotis roei</i>                             | 91,347             | 105,621           |
| Cuttlefish                            | Sepiidae   | 51,746             | 51,804            |
| Octopus                               | <i>Octopus</i> spp. (mainly <i>O. tetricus</i> ) | 104,811            | 202,961           |
| Scallop, saucer                       | <i>Amusium balloti</i>                           | 556,210            | 2,779,250         |
| Squid                                 | <i>Sepioteuthis</i> spp., <i>Loligo</i> spp.     | 31,127             | 31,127            |
| <b>Total molluscs</b>                 |  | <b>910,980</b>     | <b>3,370,246</b>  |
| <b>OTHER CLASSES</b>                  |  |                    |                   |
| Beche-de-mer                          | Holothuridae                                     | 22,109             | 66,327            |
| <b>Total other classes</b>            |  | <b>22,109</b>      | <b>66,327</b>     |
| <b>GRAND TOTAL</b>                    |  | <b>29,766,545</b>  | <b>33,164,966</b> |

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>.