

Appendix 3. Pacific reports revised in 2015 are highlighted. S=strategic stock, N=non-strategic stock. unk=unknown, undet=undetermined, n/a=not applicable.

| Species (Stock Area)  | N est   | CV N est | N min   | R max | Fr  | PBR   | Total                             | Annual                             | Strategic | Recent | Abundance Surveys |      |      | SAR Last Revised |
|---|---------|----------|---------|-------|-----|-------|-----------------------------------|------------------------------------|-----------|--------|-------------------|------|------|------------------|
|   |         |          |         |       |     |       | Annual Mortality + Serious Injury | Fishery Mortality + Serious Injury |           |        | Status            | 2007 | 2008 |                  |
| California sea lion (U.S.)  | 296,750 | n/a      | 153,337 | 0.12  | 1   | 9,200 | 389                               | 331                                | N         | 2007   | 2008              | 2011 | 2014 |                  |
| Harbor seal (California)  | 30,968  | n/a      | 27,348  | 0.12  | 1   | 1,641 | 43                                | 30                                 | N         | 2004   | 2009              | 2012 | 2014 |                  |
| Harbor seal (Oregon/Washington Coast)                             | unk     | unk      | unk     | 0.12  | 1   | undet | 10.6                              | 7.4                                | N         | 1999   |                   |      | 2013 |                  |
| Harbor seal (Washington Northern Inland Waters)                   | unk     | unk      | unk     | 0.12  | 1   | undet | 9.8                               | 2.8                                | N         | 1999   |                   |      | 2013 |                  |
| Harbor seal (Southern Puget Sound)                                | unk     | unk      | unk     | 0.12  | 1   | undet | 3.4                               | 1                                  | N         | 1999   |                   |      | 2013 |                  |
| Harbor seal (Hood Canal)  | unk     | unk      | unk     | 0.12  | 1   | undet | 0.2                               | 0.2                                | N         | 1999   |                   |      | 2013 |                  |
| Northern Elephant Seal (California Breeding)                      | 179,000 | n/a      | 81,368  | 0.12  | 1   | 4,882 | 8.8                               | 4                                  | N         | 2002   | 2005              | 2010 | 2014 |                  |
| Guadalupe Fur Seal (Mexico to California)                         | 7,408   | n/a      | 3,028   | 0.12  | 0.5 | 91    | 0                                 | 0                                  | S         | 1993   |                   |      | 2000 |                  |
| Northern Fur Seal (California)                                    | 14,050  | n/a      | 7,524   | 0.12  | 1   | 451   | 1.8                               | ≥0.8                               | N         | 2010   | 2011              | 2013 | 2015 |                  |
| Monk Seal (Hawaii)  | 1,112   | n/a      | 1,088   | 0.07  | 0.1 | undet | ≥2.6                              | ≥1.0                               | S         | 2010   | 2011              | 2013 | 2015 |                  |
| Harbor porpoise (Morro Bay)                                       | 2,917   | 0.41     | 2,102   | 0.04  | 0.5 | 21    | ≥0.6                              | ≥0.6                               | N         | 2002   | 2007              | 2012 | 2013 |                  |
| Harbor porpoise (Monterey Bay)                                    | 3,715   | 0.51     | 2,480   | 0.04  | 0.5 | 25    | 0                                 | 0                                  | N         | 2002   | 2007              | 2011 | 2013 |                  |
| Harbor porpoise (San Francisco - Russian River)                   | 9,886   | 0.51     | 6,625   | 0.04  | 0.5 | 66    | 0                                 | 0                                  | N         | 2002   | 2007              | 2011 | 2013 |                  |
| Harbor porpoise (Northern CA/Southern OR)                         | 35,769  | 0.52     | 23,749  | 0.04  | 1   | 475   | ≥0.6                              | ≥0.6                               | N         | 2002   | 2007              | 2011 | 2013 |                  |
| Harbor porpoise (Northern OR/Washington Coast)                    | 21,487  | 0.44     | 15,123  | 0.04  | 0.5 | 151   | ≥3.0                              | ≥3.0                               | N         | 2002   | 2010              | 2011 | 2013 |                  |
| Harbor porpoise (Washington Inland Waters)                        | n/a     | n/a      | n/a     | 0.04  | 0.4 | n/a   | ≥2.2                              | ≥2.6                               | N         | 1996   | 2002              | 2003 | 2011 |                  |
| Dall's porpoise (California/Oregon/Washington)                    | 42,000  | 0.33     | 32,106  | 0.04  | 0.4 | 257   | ≥0.4                              | ≥0.4                               | N         | 2001   | 2005              | 2008 | 2010 |                  |
| Pacific white-sided dolphin (California/Oregon/Washington)        | 26,930  | 0.28     | 21,406  | 0.04  | 0.4 | 171   | 17.8                              | 11.8                               | N         | 2001   | 2005              | 2008 | 2013 |                  |
| Risso's dolphin (California/Oregon/Washington)                    | 6,272   | 0.30     | 4,913   | 0.04  | 0.4 | 39    | 1.6                               | 1.6                                | N         | 2001   | 2005              | 2008 | 2010 |                  |
| Common Bottlenose dolphin (California Coastal)                    | 323     | 0.13     | 290     | 0.04  | 0.5 | 2.4   | 0.2                               | 0.2                                | N         | 2000   | 2004              | 2005 | 2008 |                  |
| Common Bottlenose dolphin (California/Oregon/Washington Offshore) | 1,006   | 0.48     | 684     | 0.04  | 0.4 | 5.5   | ≥2.0                              | ≥2.0                               | N         | 2001   | 2005              | 2008 | 2013 |                  |
| Striped dolphin (California/Oregon/Washington)                    | 10,908  | 0.34     | 8,231   | 0.04  | 0.5 | 82    | 0                                 | 0                                  | N         | 2001   | 2005              | 2008 | 2010 |                  |
| Common dolphin, short-beaked (California/Oregon/Washington)       | 411,211 | 0.21     | 343,990 | 0.04  | 0.5 | 3,440 | 64                                | 64                                 | N         | 2001   | 2005              | 2008 | 2010 |                  |
| Common dolphin, long-beaked (California)                          | 107,016 | 0.42     | 76,224  | 0.04  | 0.4 | 610   | 13.8                              | 13                                 | N         | 2005   | 2008              | 2009 | 2012 |                  |
| Northern right whale dolphin (California/Oregon/Washington)       | 8,334   | 0.40     | 6,019   | 0.04  | 0.4 | 48    | 4.8                               | 3.6                                | N         | 2001   | 2005              | 2008 | 2010 |                  |
| Killer whale (Eastern N Pacific Offshore)                         | 240     | 0.49     | 162     | 0.04  | 0.5 | 1.6   | 0                                 | 0                                  | N         | 2001   | 2005              | 2008 | 2010 |                  |
| Killer whale (Eastern N Pacific Southern Resident)                | 78      | n/a      | 78      | 0.035 | 0.1 | 0.14  | 0                                 | 0                                  | S         | 2012   | 2013              | 2014 | 2015 |                  |
| Short-finned pilot whale (California/Oregon/Washington)           | 760     | 0.64     | 465     | 0.04  | 0.5 | 4.6   | 0                                 | 0                                  | N         | 2001   | 2005              | 2008 | 2010 |                  |
| Baird's beaked whale (California/Oregon/Washington)               | 847     | 0.81     | 466     | 0.04  | 0.5 | 4.7   | 0                                 | 0                                  | N         | 2001   | 2005              | 2008 | 2013 |                  |
| Mesoplodont beaked whales (California/Oregon/Washington)          | 694     | 0.65     | 389     | 0.04  | 0.5 | 3.9   | 0                                 | 0                                  | S         | 2001   | 2005              | 2008 | 2013 |                  |
| Cuvier's beaked whale (California/Oregon/Washington)              | 6,590   | 0.55     | 4,481   | 0.04  | 0.5 | 45    | 0                                 | 0                                  | S         | 2001   | 2005              | 2008 | 2013 |                  |
| Pygmy Sperm whale (California/Oregon/Washington)                  | 579     | 1.02     | 271     | 0.04  | 0.5 | 2.7   | 0                                 | 0                                  | N         | 2001   | 2005              | 2008 | 2010 |                  |

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| Species (Stock Area)                             | N est  | CV N est | N min  | R max | Fr  | PBR   | Total Annual Mortality + Serious Injury | Annual Fishery Mortality + Serious Injury | Strategic Status | Recent Abundance Surveys |      |      |      | SAR Last Revised |
|--|--------|----------|--------|-------|-----|-------|---|---|------------------|--------------------------|------|------|------|------------------|
|  |        |          |        |       |     |       |   |   |                  | 2001                     | 2005 | 2008 | 2010 |                  |
| Dwarf sperm whale (California/Oregon/Washington) | unk    | unk      | unk    | 0.04  | 0.5 | undet | 0                                       | 0   | N                | 2001                     | 2005 | 2008 | 2010 |                  |
| Sperm whale (California/Oregon/Washington)       | 2,106  | 0.58     | 1,332  | 0.04  | 0.1 | 2.7   | 1.7                                     | 1.7                                       | S                | 2001                     | 2005 | 2008 | 2014 |                  |
| Gray whale (Eastern N Pacific)                   | 20,990 | 0.05     | 20,125 | 0.062 | 1.0 | 624   | 132                                     | 4.25                                      | N                | 2009                     | 2010 | 2011 | 2014 |                  |
| Gray whale (Western N Pacific)                   | 140    | 0.04     | 135    | 0.062 | 0.1 | 0.06  | unk                                     | unk                                       | S                |                          |      | 2011 | 2014 |                  |
| Humpback whale (California/Oregon/Washington)    | 1,918  | 0.03     | 1,855  | 0.08  | 0.3 | 11.0  | ≥ 5.5                                   | ≥ 4.4                                     | S                | 2009                     | 2010 | 2011 | 2013 |                  |
| Blue whale (Eastern N Pacific)                   | 1,647  | 0.07     | 1,551  | 0.04  | 0.3 | 2.3   | 0.9                                     | 0   | S                | 2005                     | 2008 | 2011 | 2015 |                  |
| Fin whale (California/Oregon/Washington)         | 3,051  | 0.18     | 2,598  | 0.04  | 0.3 | 16    | 2.2                                     | 0.6                                       | S                | 2001                     | 2005 | 2008 | 2013 |                  |
| Sei whale (Eastern N Pacific)                    | 126    | 0.53     | 83     | 0.04  | 0.1 | 0.17  | 0                                       | 0   | S                | 2001                     | 2005 | 2008 | 2010 |                  |
| Minke whale (California/Oregon/Washington)       | 478    | 1.36     | 202    | 0.04  | 0.5 | 2.0   | 0                                       | 0   | N                | 2001                     | 2005 | 2008 | 2010 |                  |
| Bryde's whale (Eastern Tropical Pacific)         | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | N                | n/a                      | n/a  | n/a  | 2015 |                  |
| Rough-toothed dolphin (Hawaii)                   | 6,288  | 0.39     | 4,581  | 0.04  | 0.5 | 46    | unk                                     | unk                                       | N                |                          | 2002 | 2010 | 2013 |                  |
| Rough-toothed dolphin (American Samoa)           | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | unk              | n/a                      | n/a  | n/a  | 2010 |                  |
| Risso's dolphin (Hawaii)                         | 7,256  | 0.41     | 5,207  | 0.04  | 0.5 | 42    | 0.6                                     | 0.6                                       | N                |                          | 2002 | 2010 | 2013 |                  |
| Common Bottlenose dolphin (Hawaii Pelagic)       | 5,950  | 0.59     | 3,755  | 0.04  | 0.5 | 38    | 0.2                                     | 0.2                                       | N                |                          | 2002 | 2010 | 2013 |                  |
| Common Bottlenose dolphin (Kaua'i and Ni'ihau)   | 184    | 0.11     | 168    | 0.04  | 0.5 | 1.7   | unk                                     | unk                                       | N                | 2003                     | 2004 | 2005 | 2013 |                  |
| Common Bottlenose dolphin (O'ahu)                | 743    | 0.54     | 485    | 0.04  | 0.5 | 4.9   | unk                                     | unk                                       | N                | 2002                     | 2003 | 2006 | 2013 |                  |
| Common Bottlenose dolphin (4 Islands Region)     | 191    | 0.24     | 156    | 0.04  | 0.5 | 1.6   | unk                                     | unk                                       | N                | 2002                     | 2003 | 2006 | 2013 |                  |
| Common Bottlenose dolphin (Hawaiian Island)      | 128    | 0.13     | 115    | 0.04  | 0.5 | 1.1   | unk                                     | unk                                       | N                | 2002                     | 2003 | 2006 | 2013 |                  |
| Pantropical Spotted dolphin (Hawaii Pelagic)     | 15,917 | 0.40     | 11,508 | 0.04  | 0.5 | 115.0 | 0                                       | 0   | N                |                          | 2002 | 2010 | 2013 |                  |
| Pantropical Spotted dolphin (O'ahu)              | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | N                |                          |      | n/a  | 2013 |                  |
| Pantropical Spotted dolphin (4 Islands Region)   | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | N                |                          |      | n/a  | 2013 |                  |
| Pantropical Spotted dolphin (Hawaii Island)      | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | N                |                          |      | n/a  | 2013 |                  |
| Spinner dolphin (Hawaii Pelagic)                 | unk    | unk      | unk    | 0.04  | 0.5 | undet | 0                                       | 0   | N                |                          | 2002 | 2010 | 2013 |                  |
| Spinner dolphin (Hawaii Island)                  | 631    | 0.04     | 585    | 0.04  | 0.5 | 5.9   | unk                                     | unk                                       | N                | 1994                     | 2003 | 2011 | 2013 |                  |
| Spinner dolphin (O'ahu / 4 Islands)              | 355    | 0.09     | 329    | 0.04  | 0.5 | 3.3   | unk                                     | unk                                       | N                | 1993                     | 1998 | 2007 | 2013 |                  |
| Spinner dolphin (Kaua'i / Ni'ihau)               | 601    | 0        | 509    | 0.04  | 0.5 | 5.1   | unk                                     | unk                                       | N                | 1995                     | 1998 | 2005 | 2013 |                  |
| Spinner dolphin (Kure / Midway)                  | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | N                |                          | 1998 | 2010 | 2013 |                  |
| Spinner dolphin (Pearl and Hermes Reef)          | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | N                |                          |      | n/a  | 2013 |                  |
| Spinner dolphin (American Samoa)                 | unk    | unk      | unk    | 0.04  | 0.5 | undet | unk                                     | unk                                       | unk              |                          |      | n/a  | 2010 |                  |
| Striped dolphin (Hawaii Pelagic)                 | 20,650 | 0.36     | 15,391 | 0.04  | 0.5 | 154   | unk                                     | unk                                       | N                |                          | 2002 | 2010 | 2013 |                  |
| Fraser's dolphin (Hawaii)                        | 16,992 | 0.66     | 10,241 | 0.04  | 0.5 | 102   | 0                                       | 0   | N                |                          | 2002 | 2010 | 2010 |                  |
| Melon-headed whale (Hawaiian Islands)            | 5,794  | 0.20     | 4,904  | 0.04  | 0.5 | 49    | 0                                       | 0   | N                |                          | 2002 | 2010 | 2013 |                  |

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| Species (Stock Area)                               | N est  | CV N est | N min | R max | Fr  | PBR   | Total Annual Mortality | Annual Fishery Mortality | Strategic Status | Recent Abundance Surveys |      |      |      | SAR Last Revised |
|--|--------|----------|-------|-------|-----|-------|------------------------|--------------------------|------------------|--------------------------|------|------|------|------------------|
|  |        |          |       |       |     |       | + Serious Injury       | + Serious Injury         |                  | 2002                     | 2010 | 2015 | 2009 | 2013             |
| Melon-headed whale (Kohala Resident)               | 447    | 0.12     | 404   | 0.04  | 0.5 | 4.0   | 0                      | 0                        | N                |                          |      |      | 2009 | 2013             |
| Pygmy killer whale (Hawaii)                        | 3,433  | 0.52     | 2,274 | 0.04  | 0.5 | 23.0  | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| False killer whale (NW Hawaiian Islands)           | 617    | 1.11     | 290   | 0.04  | 0.4 | 2.3   | 0.5                    | 0.5                      | N                |                          |      |      | 2010 | 2015             |
| False killer whale (Hawaii Pelagic)                | 1,540  | 0.66     | 928   | 0.04  | 0.4 | 9.3   | 11.2                   | 11.2                     | S                |                          | 2002 | 2010 | 2010 | 2015             |
| False killer whale (Palmyra Atoll)                 | 1,329  | 0.65     | 806   | 0.04  | 0.4 | 6.4   | 0.3                    | 0.3                      | N                |                          |      |      | 2005 | 2013             |
| False killer whale (Main Hawaiian Islands Insular) | 151    | 0.20     | 92    | 0.04  | 0.1 | 0.18  | 0.21                   | 0.21                     | S                |                          | 2012 | 2013 | 2014 | 2015             |
| False killer whale (American Samoa)                | unk    | unk      | unk   | 0.04  | 0.5 | undet | unk                    | unk                      | unk              |                          | n/a  | n/a  | n/a  | 2010             |
| Killer whale (Hawaii)                              | 101    | 1.00     | 50    | 0.04  | 0.5 | 1.0   | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Pilot whale, short-finned (Hawaii)                 | 12,422 | 0.43     | 8,782 | 0.04  | 0.4 | 70    | 0.1                    | 0.1                      | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Blainville's beaked whale (Hawaii Pelagic)         | 2,338  | 1.13     | 1,088 | 0.04  | 0.5 | 11.0  | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Longman's Beaked Whale (Hawaii)                    | 4,571  | 0.65     | 2,773 | 0.04  | 0.5 | 28.0  | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Cuvier's beaked whale (Hawaii Pelagic)             | 1,941  |          | 1,142 | 0.04  | 0.5 | 11.4  | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Pygmy sperm whale (Hawaii)                         | unk    | unk      | unk   | 0.04  | 0.5 | undet | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Dwarf sperm whale (Hawaii)                         | unk    | unk      | unk   | 0.04  | 0.5 | undet | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Sperm whale (Hawaii)                               | 3,354  | 0.34     | 2,539 | 0.04  | 0.1 | 10.2  | 0.7                    | 0.7                      | S                |                          | 2002 | 2010 | 2010 | 2013             |
| Blue whale (Central N Pacific)                     | 81     | 1.14     | 38    | 0.04  | 0.1 | 0.1   | 0                      | 0                        | S                |                          | 2002 | 2010 | 2010 | 2013             |
| Fin whale (Hawaii)                                 | 58     | 1.12     | 27    | 0.04  | 0.1 | 0.1   | 0                      | 0                        | S                |                          | 2002 | 2010 | 2010 | 2013             |
| Bryde's whale (Hawaii)                             | 798    | 0.28     | 633   | 0.04  | 0.5 | 6.3   | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Sei whale (Hawaii)                                 | 178    | 0.90     | 93    | 0.04  | 0.1 | 0.2   | 0.2                    | 0.2                      | S                |                          | 2002 | 2010 | 2010 | 2013             |
| Minke whale (Hawaii)                               | unk    | unk      | unk   | 0.04  | 0.5 | undet | 0                      | 0                        | N                |                          | 2002 | 2010 | 2010 | 2013             |
| Humpback whale (American Samoa)                    | unk    | unk      | 150   | 0.106 | 0.1 | 0.4   | 0                      | 0                        | S                |                          | 2006 | 2007 | 2008 | 2009             |
| Sea Otter (Southern)                               | 2,826  | n/a      | 2,723 | 0.06  | 0.1 | 8     | ≥0.8                   | ≥0.8                     | S                |                          | 2006 | 2007 | 2008 | 2008             |
| Sea Otter (Washington)                             | n/a    | n/a      | 1,125 | 0.2   | 0.1 | 11    | ≥0.2                   | ≥0.2                     | N                |                          | 2006 | 2007 | 2008 | 2008             |