

# NOAA Technical Memorandum NMFS



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## **SOURCES OF HUMAN-RELATED INJURY AND MORTALITY FOR U.S. PACIFIC WEST COAST MARINE MAMMAL STOCK ASSESSMENTS, 2011-2015**

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U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
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**U.S. DEPARTMENT OF COMMERCE**  
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Samuel D. Rauch III, Acting Assistant Administrator for Fisheries

# SOURCES OF HUMAN-RELATED INJURY AND MORTALITY FOR U.S. PACIFIC WEST COAST MARINE MAMMAL STOCK ASSESSMENTS, 2011-2015.

James V. Carretta<sup>1</sup>, Marcia M. Muto<sup>2</sup>, Justin Greenman<sup>3</sup>, Kristin Wilkinson<sup>4</sup>, Dan Lawson<sup>3</sup>, Justin Viezbicke<sup>3</sup>, and Jason Jannot<sup>5</sup>

## Summary

The Marine Mammal Protection Act (MMPA) requires the National Marine Fisheries Service (NMFS) to document human-caused mortality, non-serious injury (NSI), and serious injury (SI) of marine mammals, as part of marine mammal stock assessments and to evaluate human-caused injury and mortality levels in the context of potential biological removal (PBR) levels under the MMPA (Wade 1998). NMFS defines SI as “*any injury that will likely result in mortality*”. While documenting mortality is straightforward, distinguishing NSI from SI requires data on injury severity and animal condition, often from challenging environments where thorough examination of animals is not always possible. NMFS updated its SI designation and reporting process in 2012, using guidance from previous SI workshops (Angliss and DeMaster 1998, Andersen *et al.* 2008), expert opinion, and analysis of historical injury cases to develop new criteria for distinguishing SI from NSI (NMFS 2012a, 2012b; NOAA 2012; Moore *et al.* 2013).

This report contains human-caused injury and mortality records of pinnipeds and cetaceans that occur in U.S. west coast waters for the period 2011-2015, for those species evaluated in Pacific region marine mammal stock assessment reports (SARs) (Carretta *et al.* 2016a). Mortality records, while included in this report, were not a part of the SI/NSI status evaluation that included only live animals. Subsistence and directed takes (i.e., gray whales taken by Russian natives) are not reported here but are reported in SARs published by NMFS. Previous records, including cases from 2007 through 2010, are published in previous reports (Carretta *et al.* 2013, 2014, 2015b, 2016b).

Sources of injury data include strandings, disentanglement networks, the public, researchers, and fishery observer programs. Stranding data include records of injured marine mammals at sea and ashore. Injury sources include, but are not limited to, *vessel strikes, gillnet entanglement, pot and trap gear entanglement, shootings, marine debris entanglement, research-related injuries/deaths, hook and line fishery interactions, and entrapment in power plant water intakes*. Most records originate from stranding networks in California, Oregon, and Washington, though a few Alaska records of Eastern North Pacific gray whales (*Eschrichtius robustus*) are included, because this population is assessed in the Pacific region SARs and occurs along the U.S. west coast. Other marine mammals, such as Steller sea lions (*Eumetopias jubatus*), occur in California, Oregon, and Washington waters, but they are assessed in Alaska region SARs (Muto *et al.* 2016) and are not included in this report. Injury determinations for Pacific region species/stocks in the central Pacific from Hawaii westward are also included in separate reports (Bradford and Forney 2014).

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## Methods

The assessment of marine mammals for evidence of human-related injury or death requires application of systematic forensic protocols, combined with expertise in diagnosing trauma (Moore *et al.* 2013). Stranding network personnel may have varying regional standards for assessing causes of death and injury and thorough examination of carcasses or injured animals is not always possible. With respect to the uncertainties in determining whether injuries or deaths are human-related, we reviewed stranding records, including at-sea sightings, from NMFS West Coast and Alaska regional stranding networks. Those records with human-related causes of injury were evaluated using the SI/NSI criteria. Animals whose initial reporting condition was ‘dead’ were not evaluated for SI/NSI. Records of SI, NSI, and dead animals are included in Appendix 4 of this report. Different criteria for injury assessment are used for three taxonomic groups: *pinnipeds*, *large whales*, and *small cetaceans* (NMFS 2012b and Appendices 1-3). Injury determinations (excluding 639 records where an animal’s initial condition was ‘dead’) include 1,057 injury records from 2011 to 2015. Both *initial* and *final* injury determinations are given for each record. For example, a pinniped entangled in gillnet that is constricting or impeding movement is considered seriously injured. This animal may be captured, taken to a rehabilitation center, treated for injuries, and released back into the wild without serious injuries. In the context of categorizing commercial fisheries (based on levels of SI and mortality) for the NMFS List of Fisheries (LOF), this pinniped is considered *seriously injured*. This designation allows evaluation of fishery-specific risk to marine mammals, even though the pinniped was released back into the wild with non-serious injuries. Similar cases involve large whales entangled in fishing gear and subsequent disentanglement efforts. The whale’s injuries may initially be considered serious, especially if the entanglement restricts movement. Successful disentanglement of all gear from a whale without lingering evidence of an entanglement-related health decline or SI may be designated as a NSI. For purposes of the LOF, *initial* injury assessments are used in evaluating individual fisheries. In the context of assessing SI and mortality against PBR levels, the *final* injury assessment or condition is used. In cases where injured pinnipeds are transferred to public display facilities (aquaria) or U.S. Navy marine mammal programs following treatment, because their survival in the wild is questionable, the final injury determination is termed ‘*captivity*’, as the animal is permanently removed from the wild population. This is equivalent to a SI for the purposes of evaluating injuries against PBR.

Most records contain a single anthropogenic source as the cause of injury or death, but animals may show signs of trauma from multiple sources. For example, pinnipeds may be entangled in gillnets and also show evidence of gunshot wounds. Where multiple causes of injury or death are reported by stranding coordinators and the primary cause of death is unknown, we have reported a combined cause in tabular and descriptive summaries.

### Prorating of serious injuries (large whales only)

Large whales provide the opportunity to track outcomes of human-caused injuries, due to the ability to recognize individuals over time. In addition to ‘NSI’ and ‘SI’ categories, a third category of prorated serious injury (‘SI prorated’) is used for large whales. Prorated SI categories are determined from large whale records where the outcome of the injury is known, based on a review of historical large whale injury cases (NMFS 2012b). For example, 25 vessel-strike cases involving large whales with known outcomes were reviewed and 13 (52%) resulted in a decline in health status or death of the animal (NMFS 2012b). These data are used to inform decision-

making on current vessel-strike lacerations where the severity of the laceration ('superficial' versus 'deep') is unknown and the vessel's size and speed are unknown. For these cases, SI is prorated by 0.52 to reflect the known outcomes of the 25 cases with vessel-strike lacerations. For cases with sufficient vessel-strike injury details, other SI codes are applied. If a vessel-strike laceration is superficial and does not extend below the blubber layer, this is considered a NSI. If the laceration extends below the blubber layer ('deep'), the whale is considered seriously injured (equivalent to a SI prorate value of 1.0). An example of calculating annual human-caused SI and mortality for large whales as part of the SAR process might include 10 documented vessel-strike lacerations of large whales of unknown severity, where the vessel's size and speed are unknown. Ten large whales with lacerations of unknown severity are counted as  $10 \times 0.52 = 5.2$  cases of SI. If one of these cases were confirmed as a deep laceration, then the calculation would be  $9 \times 0.52 = 4.7 + 1.0 = 5.7$  cases of SI.

## **Results**

From 2011 to 2015, a total of 1,696 human-related injury (n=1,057) and mortality (n=639) records are summarized by anthropogenic source in Figure 1, Table 1, and Appendix 4. Approximately 84% of all records represent opportunistic reports of beach strandings and at-sea sightings. Only 275 records represent systematic/monitored observations, either fishery observer programs (n=160), monitored research-related activities (n=46), or removals of pinnipeds from the Bonneville Dam area under MMPA Section 120 (n=69). Pinnipeds (n=1,366) were most commonly documented injured or killed by human-related activities, followed by large whales (n=170) and small cetaceans (n=160) (Tables 2-6). Animals initially encountered alive accounted for 1,057 records, which were evaluated and assigned SI/NSI determinations, including 914 pinnipeds, 137 large whales, and 6 small cetaceans (Appendix 4, Tables 7a-c).

The primary causes of pinniped injury and mortality were hook and line fishery interactions (n=247), shootings (n=211), and oil-related injuries (n=116) (Tables 3 and 6, Appendix 4). Pinniped injury and mortality records included California sea lions (*Zalophus californianus*) (n=976), harbor seals (*Phoca vitulina*) (n=266), northern elephant seals (*Mirounga angustirostris*) (n=78), Guadalupe fur seals (*Arctocephalus townsendi*) (n=18), northern fur seals (*Callorhinus ursinus*) (n=10), unidentified pinnipeds (n=7), unidentified sea lions (n=5), unidentified otariids (n=5), and unidentified seals (n=1) (Table 2). Approximately one-third (n=418) of pinniped cases involved human intervention and treatment, either in the field or through capture and care at a rehabilitation facility. For those pinnipeds treated at rehabilitation facilities and subsequently released, it is assumed that they survived following treatment and their final injury assessments were NSI. Pinniped records lacking detail regarding whether the animal was released following rehabilitation facility care were determined to be seriously injured. Some pinnipeds were treated and released on site, and their final injury status was case-specific. A number of pinnipeds were euthanized as a result of their injuries (n=63), while others were sent to public display facilities (n=13) because their existing post-treatment condition made survival in the wild unlikely or they were individuals targeted for removal to protect endangered salmon. Of the 1,366 pinniped injury and mortality records, 736 (54%) animals died as a result of their injuries. An additional 288 (21%) pinniped cases were assigned as serious injuries, likely to result in death. Increasing numbers of pinniped strandings in recent years have stretched the resources of rehabilitation facilities on the U.S. west coast and limited the ability to track the outcome of every pinniped injury case.

Of the 170 large whale records of human-caused injuries and mortalities, 33 whales were initially reported as dead and the remaining 137 were assessed for NSI/SI (Appendix 4, Tables 2, 4, and 7b). Of the 137 large whales evaluated for NSI/SI, fishery-related entanglements (n=124) were the most common cause of injury, followed by vessel strikes (n=9) and entanglement in marine debris (n=3). Large whale injury and mortality cases most commonly involved humpback whales (*Megaptera novaeangliae*) (n=71), followed by gray whales (n=63), unidentified large whales (n=19), fin whales (*Balaenoptera physalus*) (n=12), minke whales (*B. acutorostrata*) (n=2), sei whales (*B. borealis*) (n=1), blue whales (*B. musculus*) (n=1), and sperm whales (*Physeter microcephalus*) (n=1).

Gray whales were most commonly observed entangled in pot/trap fisheries (n=23), followed by unidentified fishing gear (n=18), entangling net fisheries (n=13), and marine debris (n=2) (Appendix 4). Many of the unidentified fishing gear interactions involving gray whales were likely pot/trap fisheries or entangling net fisheries, based on similarities to those remaining records where specific fisheries/gear could be identified. In addition to entanglements, gray whales were killed or injured by vessel strikes (n=7).

Humpback whale injuries and mortality were most often reported from entanglements in pot/trap fisheries (n=34), followed by unidentified fishing gear (n=26), and vessel strikes (n=9). (Appendix 4). Many humpback whale records involving unidentified fishing gear are likely to represent pot/trap fisheries, as these are the most commonly-identified source of entanglement for the species. Only one record of a humpback whale gillnet entanglement was reported during this period, compared with 13 records for gray whales. Relatively few gillnet entanglements are reported for humpback whales compared with gray whales (Carretta *et al.* 2013, 2014, 2015b, 2016b). This may reflect multiple factors, including seasonal and spatial distribution differences between humpback whales and gray whales and gillnet fisheries along the U.S. west coast. The number of gillnets fished along the California coast is greatest in nearshore waters where halibut and white seabass gillnets are fished, an area that coincides with the annual gray whale migration.

Approximately one-third (45/137) of large whale injury cases involved human intervention to remove gear. The relatively low percentage of rescue attempts reflects that many entangled whales are seen only once and that adverse weather conditions often prohibit safe disentanglement attempts. Thirteen large whale records initially designated as SI resulted in a final injury status of NSI, as a result of successful disentanglement efforts or the animal freeing itself of gear over time (Table 7b). Thirty-four large whale records with initial SI designations retained final injury designations of SI and 3 whales were later found dead (Table 7b). A gray whale initially seen in July 2009 with constricting gillnet and rope cutting into its caudal peduncle was assigned a serious injury status and was resighted in 2010 and 2011, still entangled. This whale was resighted in 2013, free of gear and in apparent good health; thus, the final injury determination for this case was non-serious.

A total of 160 small cetacean records were reviewed but were rarely assessed for SI (n=6) because most were initially reported as dead (n=154). Mortality in gillnets, trawls, and unidentified fisheries accounted for approximately 70% of small cetacean records (n=111), and approximately one-third of those (n=32) were derived from systematic observer programs. Research-related entanglements of small cetaceans in scientific trawls or nets accounted for 31 records, most involving Pacific white-sided dolphins (n=28), with one event each for the following species: bottlenose dolphin (*Tursiops truncatus*), harbor porpoise (*Phocoena phocoena*), and long-beaked common dolphin (*Delphinus capensis*). Small cetaceans assessed

for injury severity included Pacific white-sided dolphins (*Lagenorhynchus obliquidens*) (n=3), harbor porpoise (*Phocoena phocoena*) (n=2), and long-beaked common dolphins (n=1) (Table 2). Of the 6 small cetacean records assessed for injuries, 2 animals died, 3 were considered non-serious injuries, and 1 record was determined to be a serious injury (Table 7c). Two Pacific white-sided dolphins escaped through a marine mammal excluder device on a scientific trawl without serious injuries, and one harbor porpoise was released from a research net without serious injuries. Four long-beaked common dolphin deaths were documented in 2011, as a result of exposure to underwater detonation exercises (Danil and St. Leger 2011).

## **Discussion**

Most records of human-related injuries and deaths to marine mammals represent opportunistic reports obtained from strandings and at-sea sightings. Stranding data should be considered as a minimum count of human-related injury and mortality because not all carcasses come ashore or are detected. Where evaluated, estimates of recovery rates of cetacean carcasses are consistently quite low (<1% to 33%) across different regions and species, highlighting that observed numbers underestimate true impacts (Kraus *et al.* 2005, Williams *et al.* 2011, Prado *et al.* 2013), even for extremely coastal species (Wells *et al.* 2015, Carretta *et al.* 2016c). Not all human-related impacts are represented in this report, such as military sonars and other anthropogenic sounds that may impact beaked whales and whose effects would be difficult to recognize unless affected animals stranded (Cox *et al.* 2006).

Variability in the assessment and determination of human-related injuries and mortality by responder or region is an unavoidable situation because regional data-recording standards may differ and the ability to thoroughly examine animals may be compromised by weather or accessibility to carcasses (Moore *et al.* 2013). We have made an effort to review only records that have unequivocal or probable human-related impacts and recognize that some cases may be missed because of a failure to recognize human-caused injuries and deaths.

Some serious injuries and deaths attributed to marine debris involve derelict fishing gear that cannot be linked to a specific fishery. In some cases, fishing gear originates from outside of U.S. waters (for example, three northern fur seals were found dead in netting of Chinese origin in 2009, Carretta *et al.* 2014). Impacts of commercial gillnet, pot, and trap fisheries are likely greater than the number of observations because derelict gear may entangle new animals for long periods. Explicit examples include ghost netting that contained harbor seal carcasses of varying states of decomposition, evidence that the net had entangled animals over a long time period (Carretta *et al.* 2013, 2014, 2015b, 2016b).

A small percentage of pinnipeds died after an initial injury assessment of NSI. Nearly all of these animals died during treatment in rehabilitation facilities, with hook-related injuries that appeared superficial (hooks in flippers and/or lip). Post-mortem examinations often revealed causes of death that were unrelated to the visible injury. For example, a California sea lion with a hook in its back was found during necropsy to have sharp fragments of plastic in its stomach. Other cases involved bullets found post-mortem or hooks in the esophagus/stomach, which were not suspected during the initial external examination.

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Figure 1. Leading causes of human-caused mortality and serious injury (MSI) for all marine mammals, 2011-2015.

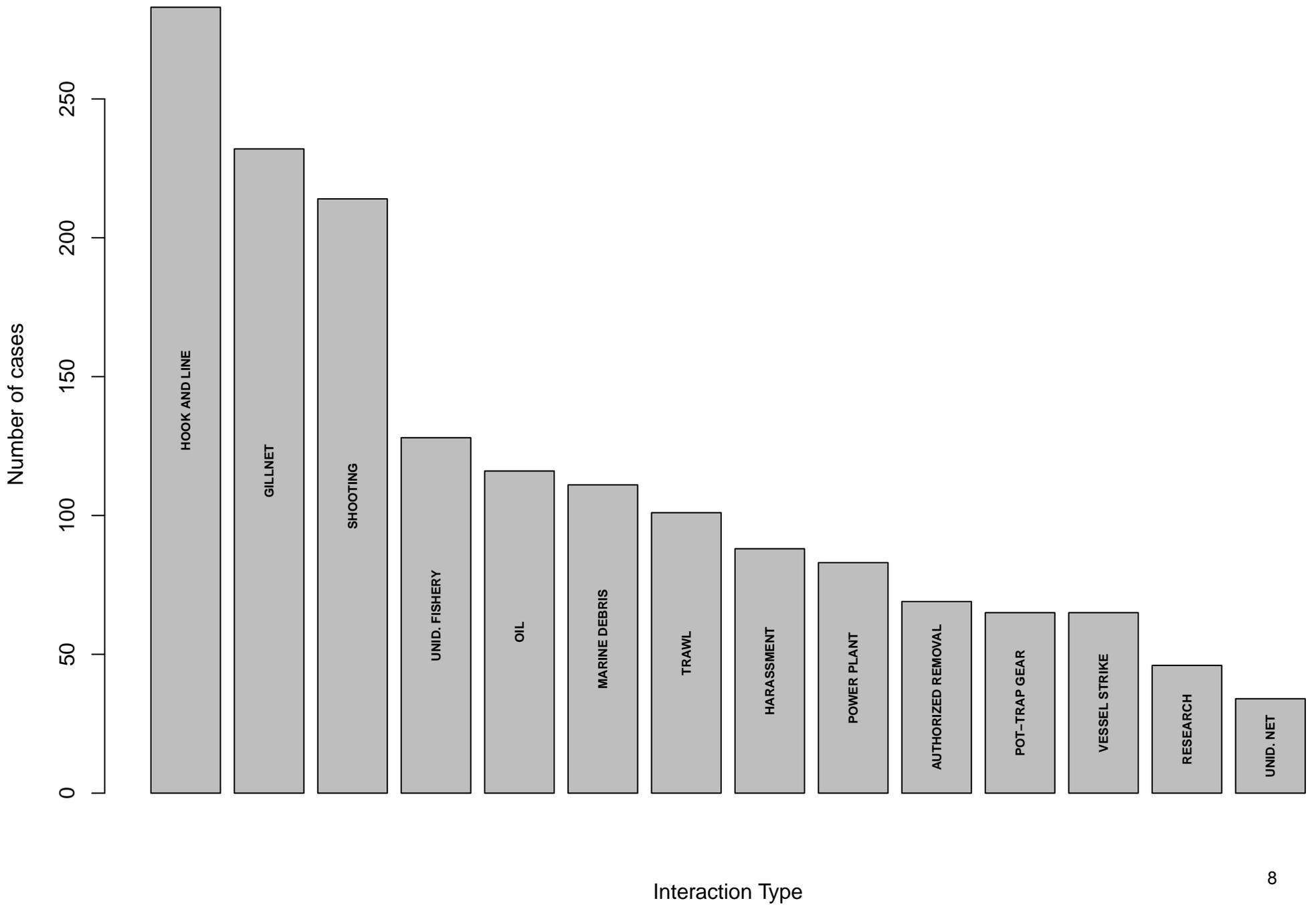


Table 1 (page 1 of 2). Sources of human-caused injury and mortality to marine mammals, 2011–2015.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
HOOK AND LINE FISHERY	252	15
SHOOTING	211	27
GILLNET FISHERY	130	35
UNIDENTIFIED FISHERY INTERACTION	128	43
OIL / TAR	116	49
MARINE DEBRIS	111	56
HARASSMENT	88	61
POWER PLANT ENTRAINMENT	83	66
AUTHORIZED REMOVAL	69	70
CATCH SHARES BOTTOM TRAWL	67	74
VESSEL STRIKE	65	78
CA SWORDFISH DRIFT GILLNET FISHERY	64	82
SCIENTIFIC RESEARCH	46	84
UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	34	86
UNIDENTIFIED NET FISHERY	33	88
CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	26	90
LIMITED ENTRY SABLEFISH HOOK AND LINE	18	91
DOG ATTACK	17	92
DUNGENESS CRAB POT FISHERY (CALIFORNIA)	13	93
CATCH SHARES HOOK AND LINE	12	93
OPEN ACCESS CA HALIBUT BOTTOM TRAWL	12	94
UNIDENTIFIED HUMAN INTERACTION	11	95
VEHICLE COLLISION	10	95
HAWAII LONGLINE SHALLOW SET FISHERY	8	96
GILLNET FISHERY, TRIBAL	7	96
AT-SEA HAKE PELAGIC TRAWL	6	97
CATCHER PROCESSOR MIDWATER TRAWL	5	97

Table 1 (page 2 of 2). Sources of human-caused injury and mortality to marine mammals, 2011–2015.

<b>SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY</b>	<b>NUMBER</b>	<b>CUMULATIVE PERCENT OF TOTAL</b>
CA SPOT PRAWN TRAP FISHERY	4	97
DUNGENESS CRAB POT FISHERY (OREGON)	4	97
ENTRAPMENT	4	98
UNDERWATER DETONATION EXERCISES	4	98
DUNGENESS CRAB POT FISHERY	3	98
LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	3	98
NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	3	98
TRAWL FISHERY (UNKNOWN)	3	98
BLUNT FORCE TRAUMA	2	99
COD POT FISHERY ENTANGLEMENT	2	99
DUNGENESS CRAB POT FISHERY (RECREATIONAL)	2	99
ELECTRIC SHOCK	2	99
SEAL BOMB	2	99
SHORESIDE HAKE MIDWATER TRAWL	2	99
AK BSAI ATKA MACKEREL TRAWL	1	99
AK BSAI FLATFISH TRAWL	1	99
AQUACULTURE FACILITY ENTANGLEMENT	1	99
GAFF INJURY	1	99
LIMITED ENTRY SABLEFISH POT FISHERY	1	99
LOBSTER TRAP ENTANGLEMENT	1	100
NORTHERN WASHINGTON OCEAN TROLL FISHERY, TRIBAL	1	100
PACIFIC WHITING TRAWL FISHERY	1	100
SET GILLNET FISHERY INTERACTION	1	100
SHOOTING/GILLNET FISHERY	1	100
SHOOTING/HOOK AND LINE FISHERY	1	100
SPEARING	1	100
TRIBAL CRAB POT GEAR	1	100
UNIDENTIFIED NET FISHERY/SHOOTING	1	100

Table 2. Final serious injury and mortality designations by species, 2011–2015.

	<b>CAPTIVITY</b>	<b>DEAD</b>	<b>NSI</b>	<b>SI</b>	<b>SI (PRORATE)</b>
<i>BLUE WHALE</i>	0	0	0	0	1
<i>BOTTLENOSE DOLPHIN</i>	0	4	0	0	0
<i>CALIFORNIA SEA LION</i>	13	510	247	206	0
<i>COMMON DOLPHIN, LONG-BEAKED</i>	0	43	0	0	0
<i>COMMON DOLPHIN, SHORT-BEAKED</i>	0	21	0	0	0
<i>DALL'S PORPOISE</i>	0	1	0	0	0
<i>FIN WHALE</i>	0	9	0	3	0
<i>GRAY WHALE</i>	0	14	8	22	19
<i>GUADALUPE FUR SEAL</i>	0	13	2	3	0
<i>HARBOR PORPOISE</i>	0	47	1	0	0
<i>HARBOR SEAL</i>	0	168	49	49	0
<i>HUMPBACK WHALE</i>	0	9	16	11	35
<i>MINKE WHALE</i>	0	1	1	0	0
<i>NORTHERN ELEPHANT SEAL</i>	0	34	26	18	0
<i>NORTHERN FUR SEAL</i>	0	7	2	1	0
<i>NORTHERN RIGHT WHALE DOLPHIN</i>	0	5	0	0	0
<i>PACIFIC WHITE-SIDED DOLPHIN</i>	0	29	2	1	0
<i>RISSE'S DOLPHIN</i>	0	2	0	0	0
<i>SEI WHALE</i>	0	1	0	0	0
<i>SHORT-FINNED PILOT WHALE</i>	0	2	0	0	0
<i>SPERM WHALE</i>	0	1	0	0	0
<i>STRIPED DOLPHIN</i>	0	2	0	0	0
<i>UNIDENTIFIED OTARIID</i>	0	2	0	3	0
<i>UNIDENTIFIED PINNIPED</i>	0	1	0	6	0
<i>UNIDENTIFIED SEA LION</i>	0	1	3	1	0
<i>UNIDENTIFIED SEAL</i>	0	0	0	1	0
<i>UNIDENTIFIED WHALE</i>	0	2	0	5	12

Table 3 (page 1 of 2). Sources of human-caused injury and mortality of pinnipeds, 2011–2015.

<b>SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY</b>	<b>NUMBER</b>	<b>CUMULATIVE PERCENT OF TOTAL</b>
HOOK AND LINE FISHERY	247	18
SHOOTING	211	34
OIL / TAR	116	42
MARINE DEBRIS	104	50
GILLNET FISHERY	97	57
HARASSMENT	88	63
POWER PLANT ENTRAINMENT	83	69
AUTHORIZED REMOVAL	69	74
CATCH SHARES BOTTOM TRAWL	64	79
VESSEL STRIKE	32	81
CA SWORDFISH DRIFT GILLNET FISHERY	31	84
UNIDENTIFIED FISHERY INTERACTION	29	86
CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	24	87
LIMITED ENTRY SABLEFISH HOOK AND LINE	18	89
DOG ATTACK	17	90
UNIDENTIFIED NET FISHERY	16	91
SCIENTIFIC RESEARCH	15	92
CATCH SHARES HOOK AND LINE	12	93
OPEN ACCESS CA HALIBUT BOTTOM TRAWL	12	94
UNIDENTIFIED HUMAN INTERACTION	10	95
VEHICLE COLLISION	10	96
HAWAII LONGLINE SHALLOW SET FISHERY	8	96

Table 3 (page 2 of 2). Sources of human-caused injury and mortality of pinnipeds, 2011–2015.

<b>SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY</b>	<b>NUMBER</b>	<b>CUMULATIVE PERCENT OF TOTAL</b>
GILLNET FISHERY, TRIBAL	7	97
AT-SEA HAKE PELAGIC TRAWL	6	97
CATCHER PROCESSOR MIDWATER TRAWL	5	97
ENTRAPMENT	4	98
LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	3	98
NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	3	98
TRAWL FISHERY (UNKNOWN)	3	98
UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	3	99
BLUNT FORCE TRAUMA	2	99
ELECTRIC SHOCK	2	99
SEAL BOMB	2	99
SHORESIDE HAKE MIDWATER TRAWL	2	99
AK BSAI ATKA MACKEREL TRAWL	1	99
AK BSAI FLATFISH TRAWL	1	99
AQUACULTURE FACILITY ENTANGLEMENT	1	99
GAFF INJURY	1	99
NORTHERN WASHINGTON OCEAN TROLL FISHERY, TRIBAL	1	100
PACIFIC WHITING TRAWL FISHERY	1	100
SET GILLNET FISHERY INTERACTION	1	100
SHOOTING/GILLNET FISHERY	1	100
SHOOTING/HOOK AND LINE FISHERY	1	100
SPEARING	1	100
UNIDENTIFIED NET FISHERY/SHOOTING	1	100

Table 4. Sources of human-caused injury and mortality of large whales, 2011–2015.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
UNIDENTIFIED FISHERY INTERACTION	58	34
UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	31	52
VESSEL STRIKE	28	69
DUNGENESS CRAB POT FISHERY (CALIFORNIA)	13	76
GILLNET FISHERY	13	84
CA SPOT PRAWN TRAP FISHERY	4	86
DUNGENESS CRAB POT FISHERY (OREGON)	4	89
MARINE DEBRIS	4	91
DUNGENESS CRAB POT FISHERY	3	93
CA SWORDFISH DRIFT GILLNET FISHERY	2	94
COD POT FISHERY ENTANGLEMENT	2	95
DUNGENESS CRAB POT FISHERY (RECREATIONAL)	2	96
UNIDENTIFIED NET FISHERY	2	98
CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	1	98
LIMITED ENTRY SABLEFISH POT FISHERY	1	99
LOBSTER TRAP ENTANGLEMENT	1	99
TRIBAL CRAB POT GEAR	1	100

Table 5. Sources of human-caused injury and mortality of small cetaceans, 2011–2015.

<b>SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY</b>	<b>NUMBER</b>	<b>CUMULATIVE PERCENT OF TOTAL</b>
UNIDENTIFIED FISHERY INTERACTION	41	26
CA SWORDFISH DRIFT GILLNET FISHERY	31	45
SCIENTIFIC RESEARCH	31	64
GILLNET FISHERY	20	77
UNIDENTIFIED NET FISHERY	15	86
HOOK AND LINE FISHERY	5	89
VESSEL STRIKE	5	92
UNDERWATER DETONATION EXERCISES	4	95
CATCH SHARES BOTTOM TRAWL	3	97
MARINE DEBRIS	3	99
CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	1	99
UNIDENTIFIED HUMAN INTERACTION	1	100

Table 6. Leading causes of observed human–caused injury and mortality by species, 2011–2015.

<b>SPECIES</b>	<b>SOURCE OF INJURY/MORTALITY</b>	<b>NUMBER OF RECORDS</b>
BLUE WHALE	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	1
BOTTLENOSE DOLPHIN	CA SWORDFISH DRIFT GILLNET FISHERY	1
CALIFORNIA SEA LION	HOOK AND LINE FISHERY	225
COMMON DOLPHIN, LONG–BEAKED	UNIDENTIFIED FISHERY INTERACTION	13
COMMON DOLPHIN, SHORT–BEAKED	CA SWORDFISH DRIFT GILLNET FISHERY	19
DALL'S PORPOISE	CA SWORDFISH DRIFT GILLNET FISHERY	1
FIN WHALE	VESSEL STRIKE	9
GRAY WHALE	UNIDENTIFIED FISHERY INTERACTION	18
GUADALUPE FUR SEAL	MARINE DEBRIS	9
HARBOR PORPOISE	UNIDENTIFIED FISHERY INTERACTION	25
HARBOR SEAL	HARASSMENT	72
HUMPBACK WHALE	UNIDENTIFIED FISHERY INTERACTION	26
MINKE WHALE	CA SWORDFISH DRIFT GILLNET FISHERY	1
NORTHERN ELEPHANT SEAL	OIL / TAR	23
NORTHERN FUR SEAL	UNIDENTIFIED FISHERY INTERACTION	5
NORTHERN RIGHT WHALE DOLPHIN	CA SWORDFISH DRIFT GILLNET FISHERY	5
PACIFIC WHITE–SIDED DOLPHIN	SCIENTIFIC RESEARCH	28
RISSE'S DOLPHIN	CA SWORDFISH DRIFT GILLNET FISHERY	1
SEI WHALE	VESSEL STRIKE	1
SHORT–FINNED PILOT WHALE	CA SWORDFISH DRIFT GILLNET FISHERY	2
SPERM WHALE	VESSEL STRIKE	1
STRIPED DOLPHIN	UNIDENTIFIED FISHERY INTERACTION	2
UNIDENTIFIED OTARIID	HAWAII LONGLINE SHALLOW SET FISHERY	3
UNIDENTIFIED PINNIPED	HAWAII LONGLINE SHALLOW SET FISHERY	3
UNIDENTIFIED SEA LION	LIMITED ENTRY SABLEFISH HOOK AND LINE	4
UNIDENTIFIED SEAL	CATCH SHARES BOTTOM TRAWL	1
UNIDENTIFIED WHALE	UNIDENTIFIED FISHERY INTERACTION	11

Table 7a. Matrix of initial (rows) and final (columns) injury determinations for pinnipeds. NSI=non-serious injury, SI=serious injury. Records with initial determinations of ‘ALIVE’ include individual California sea lions targeted for removal at Bonneville Dam to protect endangered salmon under authority of the MMPA Section 120.

	<b>CAPTIVITY</b>	<b>DEAD</b>	<b>NSI</b>	<b>SI</b>
<i>ALIVE</i>	7	63	0	0
<i>NSI</i>	2	8	163	2
<i>SI</i>	4	213	166	286

Table 7b. Matrix of initial (rows) and final (columns) injury determinations for large whales. NSI=non-serious injury, SI=serious injury.

	<b>DEAD</b>	<b>NSI</b>	<b>SI</b>	<b>SI (PRORATE)</b>
<i>NSI</i>	0	10	0	0
<i>SI</i>	3	13	32	2
<i>SI (PRORATE)</i>	1	2	9	65

Table 7c. Matrix of initial (rows) and final (columns) injury determinations for small cetaceans. NSI=non-serious injury, SI=serious injury.

	<b>DEAD</b>	<b>NSI</b>	<b>SI</b>
<i>ALIVE</i>	1	0	0
<i>NSI</i>	0	3	0
<i>SI</i>	1	0	1

### Summary of Pinniped<sup>1</sup> Injury Categories and Criteria

Instructions: Each pinniped injury event is recorded to the appropriate injury/information category using all available information and scientific judgment, as described in the Procedural Directive. For a single injury event to which several categories apply, the injury determination with the highest level of severity is assigned. More detailed information or extended observation on an individual case/animal may justify a determination differing from the guidance of this table. Any injury leading to apparent significant health decline (e.g., skin discoloration, fat loss) is a serious injury.			
Category	Injury/Information	Injury Determination <sup>2</sup>	Additional factors for evaluating whether “case specific” injuries are serious or non-serious (additional factors at end of table) *
P1	A free-swimming animal observed at a date later than its human interaction, exhibiting signs of declining health believed to be resulting from initial injury (e.g., a marked change in body condition, tissue necrosis, emaciation, gangrene).	SI <sup>3</sup>	
P2	Ingested gear <sup>4</sup> or hook(s)	SI	
P3	Visible blood loss	Case specific <sup>5</sup>	Amount of blood, location of the bleeding injury, duration of bleeding
P4	Animal brought on vessel deck following entanglement/entrapment (excluding scientific research targeting marine mammals and authorized as such under a NMFS scientific research permit, where the animal is brought on and placed on the vessel deck in a controlled manner)	Case specific	Manner in which animal is brought on deck, length of time animal is on deck, environmental conditions (e.g., temperature)
P5a	Hook(s) in mouth (excluding criterion P5b), regardless of the presence of gear	SI	
P5b	Hook(s) confirmed in head (excluding criterion P5a), or in lip only (external tissue outside of teeth), no trailing gear	Case specific	Location on head (e.g., eye), depth of penetration, type of hook, prolonged restraint or struggle that could lead to capture myopathy, size of hook, impairing ability to feed
P5c	Hook(s) in any body part, but hook(s) is removed or pulls out	Case specific	Prolonged restraint or struggle that could lead to capture myopathy, location of hooking on the body, depth of hook, hook pulls out cleanly vs. causes further injury during dehooking, method used to remove hook, length of time hooked

<sup>1</sup> For the purposes of this table, pinnipeds include all pinniped species except walrus.

<sup>2</sup> This table includes only those criteria determined to be serious injuries or case specific based on expert opinion at the 2007 Workshop (Andersen *et al.*, 2008) and by pinniped experts on the NMFS Determination Staff working group. For the purposes of streamlining the information for the reader, criteria determined to be non-serious injuries are not included in this table.

<sup>3</sup> SI = serious injury.

<sup>4</sup> For the purposes of this table, gear is defined as any portion of fishing gear excluding the hook, which is considered separately. Lures are considered gear. Gear also generally refers to any type of debris entangling or attached to the animal.

<sup>5</sup> Case specific = Could be a serious or non-serious injury, but either 1) there insufficient information about the impact of a particular injury, or 2) additional factors must be considered on a case-by-case basis to determine the severity.

Appendix 1. Pinniped Injury Criteria (NOAA 2012)

P5d	Hook(s) in appendage or body (excluding criteria P5a-c and P12), without trailing gear or with trailing gear that does not have the potential <sup>6</sup> to: 1) become a constricting wrap on animal; 2) be ingested, 3) accumulate drag; or 4) become snagged on something in the environment, anchoring the animal	NSI <sup>7</sup>	
P6	Gear attached in any manner to free-swimming animal with potential <sup>8</sup> to: 1) become a constricting wrap on animal; 2) be ingested; 3) accumulate drag; or 4) become snagged on something in the environment, anchoring the animal	SI	
P7a	Anchored/immobilized and not freed	SI	
P7b	Anchored, immobilized, or entangled before being freed without gear attached	Case specific	Duration of entanglement, prolonged restraint or struggle that could lead to capture myopathy, type of fishing gear, where/how gear immobilized animal, associated injury (where directly or indirectly caused by initial entanglement), response of individual
P8a	Gear wrapped and constricting any body part or likely to become constricting as the animal moves or grows	SI	
P8b	Gear wrapped loosely on any body part	Case specific	Type and amount of fishing gear, animal body size relative to gear (species, age), effect on movement, species sensitivity
P9	Body trauma <sup>9</sup> not covered by any other criteria	Case specific	Location of trauma on body, depth (superficial or to the bone, penetrating muscle or organs) length of laceration(s), number of lacerations, cleanliness (compression vs. tearing), amount and duration of blood loss, risk of infection or disease transmission (e.g., dog bites)
P10	Visible fracture(s), excluding broken appendages (see criterion P13 for broken appendages)	SI	
P11	Vertebral transection or fully severed flipper(s)	SI	
P12	Body cavity penetration <sup>10</sup> by foreign object or body cavity exposure	SI	

<sup>6</sup> For the purposes of this table, potential as it relates to criterion P5d indicates that the trailing gear IS NOT capable of leading to any of the situations listed.

<sup>7</sup> NSI = non-serious injury.

<sup>8</sup> For the purposes of this table, potential as it relates to criterion P6 indicates that the trailing gear IS capable of leading to any of the situations listed.

<sup>9</sup> For the purposes of this table, “trauma” is defined as a wound or bodily harm caused by an extrinsic agent. Blunt trauma is an injury (abrasion, laceration, contusion or skeletal fracture) produced by a blunt object striking the body or impact of the body against a blunt object or surface. Sharp force trauma is an injury caused by a sharp or pointed object or a bullet from a gunshot creating a penetrating (stab, chop or incision) wound. Laceration is defined as a ragged incision or a tearing of the skin. Lacerations are caused by blunt trauma that results in stretching, tearing, crushing, shearing, or avulsion of the tissue.

<sup>10</sup> For the purposes of this table, “penetration” is defined as a wound occurring when a foreign object punctures the body, such as a bullet from a gunshot. Penetrating wounds can be characterized as one of three types: stab (small external wound that is greater in length into the body than is apparent on the skin surface), incised (clean cuts into the skin which are longer on the skin surface than they are deep), or chop wounds (incised wounds that penetrate deep to the bone, leaving a groove or cut in the bone).

Appendix 1. Pinniped Injury Criteria (NOAA 2012)

P13	Partially severed or fractured flipper(s)	Case specific	Cleanliness (clean cut vs. tear), nature of injury causing the loss, extent of fin or flipper loss, opened or closed fracture, dislocation, amount/duration of blood loss
P14	Dependent animal (i.e., pup, juvenile) released alone post-interaction or dependent animal left with a seriously injured or dead mother	SI	
P15	Observed or reported collision with vessel	Case specific	Speed of vessel, size of vessel, hull shape, part of vessel to strike the animal (e.g., propeller, hull), size of animal compared to size of vessel, location of strike on animal's body, extent and location of wound(s) to animal

\* Factors listed in the far right column of Table 3 are unique to the associated injury type. In addition to those listed in this column, the factors that should be considered, if available, when reviewing all case specific injury events in Table 3 include, but are not limited to:

- Species
- Age or age class (e.g., calf, juvenile, adult)
- Sex
- Size of animal
- Overall health (e.g., nutritional status, body condition, pre-existing disease state, pre-existing injuries)
- Behavior during and/or after injury-causing interaction (e.g., listlessness)
- Reproductive status (e.g., pregnant, lactating, has dependant pup)
- Natural history (e.g., small home range, large home range)
- Location of injury (e.g., mouth, head, body, flipper/fin, internal)
- Size of injury
- Duration of injury (e.g., single event, repeated, chronic)
- Depth of injury (e.g., superficial or to the bone, penetrating muscle or organs)
- Cleanliness of injury (e.g., compression, tearing)
- Environmental condition (e.g., individuals out of their normal habitat, environmental stressors)
- Social stressors (e.g., social structure of species, separation of social individuals from the group, mother/pup separation)
- Cumulative effects of repeated exposures
- Compounding effects of multiple injuries obtained during a single event
- Availability of data on multiple sequential events involving the same individual over time
- Susceptibility of the species to capture myopathy (some sensitive, others robust, some unknown)
- Ability of rehabilitated animal to be released
- Relative effect of blood loss on different species

In addition to those factors listed above, the factors that apply to all fishery or marine-debris interaction related case specific injuries include, but are not limited to:

- Entanglement type (e.g., hooked, anchored, entrapment)
- Amount and size of gear (e.g., size, length and number of lines; number of buoys, traps or anchors; volume of netting; material of gear)
- Method of handling the animal during disentanglement
- Entanglement constriction (e.g., tight, loose, multiple wraps)
- Habitat where animal is located (e.g., an animal with trailing gear in areas of dense gear or an area with vegetation or on shore is more likely to risk snagging the gear and becoming anchored)
- Entanglement duration
- Existence, type and amount of any trailing gear

Appendix 2. Large whale injury criteria (NOAA 2012).

**Summary of Large Cetacean<sup>1</sup> Injury Categories and Criteria**

Instructions: Each large cetacean injury event is recorded to the appropriate injury/information category using all available information and scientific judgment, as described in the Procedural Directive. Criteria L10 - L12 accommodate events that lack details necessary for assignment to a more specific category. For a single injury event to which several categories apply, the injury determination with the highest level of severity is assigned. More detailed information or extended observation on an individual case/animal may justify a determination differing from the guidance of this table. An animal that is fully disentangled would generally be considered not seriously injured, unless there is additional evidence of a serious injury. Any injury leading to apparent significant health decline (e.g., skin discoloration, lesions near the nares, fat loss, increased cyamid loads) is a serious injury.

Category	Injury/ Information	Injury Determination	Criteria
L1	Ingested gear <sup>2</sup> or hook(s)	SI <sup>3</sup>	Swallowed, not simply draped through mouth
L2	Constricting wrap	SI	Tightly wrapped line anywhere on body that indents the skin or does not shift with whale's movement, or line that is likely to become constricting as the whale grows. Indication that a whale that is heavily weighted, anchored or has a discolored appendage is sufficient evidence of constricting gear
L3	Loose wrap, bridled or draped gear	NSI <sup>4</sup>	Loosely wrapped gear that moves or shifts freely with whale's movement. Absence of constricting gear must be confirmed
L4	External hook	NSI	Fishing hook of any size on any part of the body (i.e., not ingested)
L5a	Deep laceration <sup>5</sup>	SI	Laceration with the potential to affect major artery (e.g., laceration or severing at insertion of flipper/fluke), penetrating body cavity, or cutting bone
L5b	Superficial laceration	NSI	Laceration not deeper than blubber layer, does not affect major artery, or cut bone
L6a	Vessel much greater in size than whale or vessel $\geq 65'$ and $>10$ knots	SI	Struck by vessel much greater in size than the whale and traveling greater than 10 knots, or struck by vessel equal or greater than 65' and traveling greater than 10 knots, and no information on injury to the whale
L6b	Vessel smaller in size than whale or vessel $<65'$ and $>10$ knots	Prorate <sup>6</sup> : 0.20	Struck by vessel smaller in size than the whale and traveling greater than 10 knots, or struck by vessel less than 65' and traveling greater than 10 knots, and no information on injury to the whale. A strike to a calf by a vessel of any size and traveling greater than 10 knots will be considered a serious injury

<sup>1</sup> For the purposes of this table, "large cetaceans" include all mysticetes and sperm whales.

<sup>2</sup> For the purposes of this table, "gear" is defined as any portion of fishing gear excluding the hook, which is considered separately.

<sup>3</sup> SI = Serious Injury.

<sup>4</sup> NSI = Non-Serious Injury.

<sup>5</sup> For the purposes of this table, "laceration" is defined as a ragged incision or a tearing of the skin. Lacerations are caused by trauma that results in stretching, tearing, crushing, shearing, or avulsion of the tissue. Trauma, including blunt and sharp force trauma, includes a wound or bodily harm caused by an extrinsic agent.

<sup>6</sup> "Prorate" means the number of events assigned to a given category within the assessment period is multiplied by the prorate number provided for that category.

Appendix 2. Large whale injury criteria (NOAA 2012).

L6c	Vessel any size $\leq 10$ knots	NSI	Struck by vessel of any size traveling at equal or less than 10 knots and no information on injury to the whale
L7a	Vessel much greater in size than whale or vessel $\geq 65'$ and speed unknown	Prorate: 0.56	Struck by vessel much greater in size than the whale traveling at an unknown speed, or struck by vessel equal or greater than 65' and traveling at unknown speed, and no information on injury to the whale. A strike to a calf by a vessel of any size when speed is unknown will be considered a serious injury
L7b	Vessel smaller in size than whale or vessel $< 65'$ and speed unknown	Prorate: 0.14	Struck by vessel smaller than the whale traveling at an unknown speed, or struck by vessel less than 65' and traveling at unknown speed, and no information on injury to the whale. A strike to a calf by a vessel of any size when speed is unknown will be considered a serious injury
L8	Dependent <sup>7</sup>	SI	Dependent calf of a dead or seriously injured mother
L9	Brought on deck	SI	Whale removed from water and brought on deck
L10	Evidence of entanglement	Prorate: 0.75	Confirmed entanglement but insufficient information available to place in any of the L1-L4 criteria with a high degree of certainty
L11	Vessel strike laceration	Prorate: 0.52	Whale confirmed with non-entanglement related laceration but lacking details to place in either criteria L5a or L5b with a high degree of certainty. Includes observation of blood in water
L12	Vessel strike observed	Prorate: 0.36	Confirmed vessel strike report where there is insufficient detail to assign event to criteria L6a – L7b with a high degree of certainty. A strike to a calf by a vessel of unknown size traveling at an unknown speed will be considered a serious injury

<sup>7</sup> “Dependent” for a large cetacean means a non-weaned calf. Weaned calves and juvenile large cetaceans are no longer dependent on their mothers.

Appendix 3. Small cetacean injury criteria (NOAA 2012).

**Summary of Small Cetacean<sup>1</sup> Injury Categories and Criteria**

Instructions: Each small cetacean injury event is recorded to the appropriate injury/information category using all available information and scientific judgment, as described in the Procedural Directive. For a single injury event to which several categories apply, the injury determination with the highest level of severity is assigned. More detailed information or extended observation on an individual case/animal may justify a determination differing from the guidance of this table. Any injury leading to apparent significant health decline (e.g., skin discoloration, fat loss) is a serious injury.			
Category	Injury/Information	Injury Determination <sup>2</sup>	Additional factors for evaluating whether “case specific” injuries are serious or non-serious (additional factors at end of table) *
S1	A free-swimming animal observed at a date later than its human interaction, exhibiting signs of declining health believed to be resulting from initial injury (e.g., a marked skin discoloration, fat loss)	SI <sup>3</sup>	
S2	Ingested gear <sup>4</sup> or hook(s)	SI	
S3	Visible blood loss	Case specific <sup>5</sup>	Amount of blood, location of the bleeding injury, duration of bleeding
S4	Animal brought on vessel deck following entanglement/entrapment (excluding scientific research targeting marine mammals and authorized as such under a NMFS scientific research permit, where the animal is brought on and placed on the vessel deck in a controlled manner)	SI	
S5a	Hook(s) in head (excluding criterion S5b), regardless of the presence of gear	SI	
S5b	Hook(s) confirmed in lip only, external tissue outside of teeth, no trailing gear	Case specific	Prolonged restraint or struggle that could lead to capture myopathy, size of hook, depth of hooking, impairing ability to feed, presence of other injuries
S5c	Hook(s) in any body part, but hook(s) is removed or pulls out	Case specific	Prolonged restraint or struggle that could lead to capture myopathy, depth of hook, hook pulls out cleanly vs. causes further injury during dehooking, method used to remove hook, length of time hooked
S5d	Hook(s) in appendage or body (excluding criterion S5a), without trailing gear or with trailing gear that does not have the potential <sup>6</sup> to: 1) become a constricting wrap on animal; 2) be ingested; 3) accumulate drag; or 4) become snagged on something in the environment, anchoring the animal	Case specific	Prolonged restraint or struggle that could lead to capture myopathy, depth and location of hook, type and amount of gear attached

<sup>1</sup> For the purposes of this table, small cetaceans include all odontocetes except sperm whales.

<sup>2</sup> This table includes on only those criteria determined to be serious injuries or case specific based on expert opinion at the 2007 Workshop (Andersen *et al.*, 2008) and by small cetacean experts on the NMFS Determination Staff working group. For the purposes of streamlining the information for the reader, criteria determined to be non-serious injuries are not included in this table.

<sup>3</sup> SI = serious injury.

<sup>4</sup> For the purposes of this table, gear is defined as any portion of fishing gear excluding the hook, which is considered separately. Lures are considered gear. Gear also generally refers to any type of debris entangling or attached to the animal.

<sup>5</sup> Case specific = Could be a serious or non-serious injury, but either 1) there is insufficient information about the impact of a particular injury, or 2) additional factors must be considered on a case-by-case basis to determine the severity

<sup>6</sup> For the purposes of this table, “potential” as it relates criterion S5d indicates that the trailing gear IS NOT capable of leading to any of the situations listed.

Appendix 3. Small cetacean injury criteria (NOAA 2012).

S6	Gear attached to free-swimming animal with potential <sup>7</sup> to: 1) become a constricting wrap on animal; 2) be ingested; 3) accumulate drag; or 4) become snagged on something in the environment, anchoring the animal	SI	
S7a	Anchored, immobilized, or entrapped and not freed	SI	
S7b	Anchored, immobilized, entangled, or entrapped before being freed without gear attached	Case specific	Duration of entanglement/entrapment, prolonged restraint or struggle that could lead to capture myopathy, gear type, where/how gear is attached to animal, associated injury (i.e., where directly or indirectly caused by initial entanglement), response of individual animal, method used by human to remove gear from animal
S8a	Gear wrapped and constricting on any body part or is likely to become constricting as the animal moves or grows	SI	
S8b	Gear wrapped and loose on any body part	Case specific	Gear type, amount of gear, potential for snag, potential to lead to criterion S8a, animal body size relative to gear (e.g., because of species or age), effect on animal movement, species sensitivity (e.g., frightens easily)
S9	Body trauma <sup>8</sup> not covered by any other criteria	Case specific	Location of wound, depth (e.g., superficial or to the bone, penetrating muscle or organs), length, number of lacerations, cleanliness (i.e., compression vs. tearing)
S10	Visible fracture(s), excluding pectoral fins (see criterion S13d for pectoral fin fractures)	SI	
S11	Vertebral transection, including fully severed flukes	SI	
S12	Body cavity penetration <sup>9</sup> by foreign object or body cavity exposure	SI	
S13a	Loss or disfigurement of dorsal fin	Case specific	Cleanliness (i.e., compression vs. tearing), nature of injury causing the loss, extent of fin loss (i.e., full or partial), amount and duration of blood loss
S13b	Partially severed flukes, transecting midline	SI	

<sup>7</sup> For the purposes of this table, potential as it relates criterion S6 indicates that the trailing gear IS capable of leading to any of the situations listed.

<sup>8</sup> For the purposes of this table, “trauma” is defined as a wound or bodily harm caused by an extrinsic agent. Blunt trauma is an injury (abrasion, laceration, contusion or skeletal fracture) produced by a blunt object striking the body or impact of the body against a blunt object or surface. Sharp force trauma is an injury caused by a sharp or pointed object creating a penetrating (stab, chop or incision) wound. Laceration is defined as a ragged incision or a tearing of the skin. Lacerations are caused by blunt trauma that results in stretching, tearing, crushing, shearing, or avulsion of the tissue.

<sup>9</sup> For the purposes of this table, “penetration” is defined as a wound occurring when a foreign object punctures the body. Penetrating wounds can be characterized as one of three types: stab (small external wound that is greater in length into the body than is apparent on the skin surface), incised (clean cuts into the skin which are longer on the skin surface than they are deep), or chop wounds (incised wounds that penetrate deep to the bone, leaving a groove or cut in the bone).

### Appendix 3. Small cetacean injury criteria (NOAA 2012).

S13c	Partially severed flukes, not transecting midline	Case specific	Cleanliness (i.e., compression vs. tearing), nature of injury causing the loss, amount and duration of blood loss
S13d	Partially or completely severed or fractured pectoral fin(s)	Case specific	Cleanliness (i.e., compression vs. tearing), nature of injury causing the loss, extent of fin loss (i.e., full or partial), amount and duration of blood loss, opened or closed fracture
S14	Social animal separated from group and/or released alone post-interaction (excluding criterion S15)	Case specific	Species (e.g., sensitivity, offshore vs. inshore), location of release (e.g., likelihood of animal locating its conspecifics)
S15	Dependent animal (i.e., calf, juvenile) released alone post-interaction or dependent animal left with a seriously injured or dead mother	SI	
S16	Observed or reported collision with vessel	Case specific	Speed of vessel, size of vessel, hull shape, part of vessel to strike the animal, size of animal compared to size of vessel, behavior of animal after collision, extent and location of wound(s) on animal

\* Factors listed in the far right column of Table 2 are unique to the associated injury type. In addition to those listed in this column, the factors that should be considered, if available, when reviewing all case specific injury events in Table 2 include, but are not limited to:

- |  |  |  |
|--|--|--|
| - Species  | - Size of injury   | - Compounding effects of multiple injuries obtained during a single event  |
| - Age or age class (e.g., calf, juvenile, adult)   | - Duration of injury (e.g., single event, repeated, chronic)   | - Availability of data on multiple sequential events involving the same individual over time   |
| - Sex  | - Depth of injury (e.g., superficial or to the bone, penetrating muscle or organs)   | - Susceptibility of the species to capture myopathy (spinner dolphins and porpoises notoriously sensitive; bottlenose dolphins robust; many others fall in between, with some unknown) |
| - Size of animal   | - Cleanliness of injury (e.g., compression, tearing)   | - Ability of rehabilitated animal to be released   |
| - Overall health (e.g., nutritional status, body condition, pre-existing disease state, pre-existing injuries) | - Environmental condition (e.g., individuals out of their normal habitat, climate stressors)                                 | - Relative effect of blood loss on different species   |
| - Behavior during and/or after injury-causing interaction (e.g., dorsal arching, listlessness)                 | - Social stressors (e.g., social structure of species, separation of social individuals from the group, cow/calf separation) |  |
| - Reproductive status (e.g., pregnant, lactating, has dependant calf)  | - Cumulative effects of repeated exposures   |  |
| - Natural history (e.g., indigenous, migratory)  |  |  |
| - Location of injury (e.g., mouth, head, body, fin, tail, internal)  |  |  |

In addition to those factors listed above, the factors that apply to all fishery-interaction related case specific injuries include, but are not limited to:

- |   |  |
|---|--|
| - Entanglement type (e.g., hooked, anchored, entrapment)  | - Habitat where animal is located (e.g., an animal with trailing gear areas of dense gear or an area with vegetation is more likely to risk snagging the gear and becoming anchored) |
| - Amount and size of gear (e.g., size, length and number of branches of line; number of buoys, traps or anchors; volume of netting) | - Entanglement duration  |
| - Entanglement constriction (e.g., tight, loose, multiple wraps)  | - Existence, type and amount of any trailing gear  |
|   | - Method of handling the animal during disentanglement   |

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
BLUE WHALE	EASTERN N PACIFIC	2015	9	4	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	LOS ANGELES	CA	SI (PRORATE)	OVERHEAD CAMERA FOOTAGE INDICATES THAT GEAR ORIGINATES FROM MOUTH OR RIGHT PECTORAL AND RUNS ALONG BODY, POSSIBLY TWO LINES, ONE OVER THE FLUKES AND ANOTHER UNDER THE FLUKES THEN APPROX 40 FT BEHIND WHALE, THEN WRAPS/TWISTS TOGETHER AND GOES BACK 400+ FEET; CDFW CONCURS IS CONSISTENT WITH DEEP SET TRAP, POSSIBLY HAGFISH, SABLEFISH, OR SPOT PRAWN. CONFIGURATION OF GEAR UNKNOWN AND CANNOT TELL IF GEAR IS CONSTRICTING OR LOOSELY WRAPPED. WHALE REPORTED AS SWIMMING AND DIVING, BUT NOT ENOUGH TO SUBMERGE BODY. WHALE APPEARS SLIGHTLY THIN, IMPLYING A DECLINE IN HEALTH STATUS DUE TO THE TRAILING GEAR. SERIOUS INJURY PRORATION VALUE IS ASSIGNED AS = 1 FOR THIS REASON. PHOTOS AND VIDEO REVIEWED BY J. CARRETTA, J. GILPATRICK, M. LYNN AND A. HENRY.	SI (PRORATE)	L10	1	Y	Y
BOTTLENOSE DOLPHIN	CALIFORNIA COASTAL	2012	2	22	MARINE DEBRIS	SAN DIEGO	CA	DEAD	DOLPHIN WAS FOUND FLOATING UNDER U.S. NAVY MARINE MAMMAL PROGRAM'S DOLPHIN PEN DOCK, OUTSIDE OF THEIR DOLPHIN ENCLOSURES. IT IS THOUGHT THAT THE ANIMAL MAY HAVE BECOME ENTRAPPED, EITHER INITIALLY ENTANGLED OR COULD NOT FIND ITS WAY OUT OF NET CURTAIN. IDENTIFIED AS COASTAL STOCK ANIMAL VIA GENETICS.	DEAD	NA	1	N	Y
BOTTLENOSE DOLPHIN	CALIFORNIA COASTAL	2012	10	16	SCIENTIFIC RESEARCH	SAN LUIS OBISPO	CA	DEAD	ANIMAL CAUGHT IN SEA OTTER RESEARCH NET.	DEAD	NA	1	N	Y
BOTTLENOSE DOLPHIN	CALIFORNIA COASTAL	2013	2	25	UNIDENTIFIED NET FISHERY	SAN DIEGO	CA	DEAD	CLEAR MULTIFILAMENT ROPE IMPRESSIONS ON THE ROSTRUM, MELON, AXILLA AND BODY. ANIMAL IDENTIFIED AS COASTAL STOCK VIA GENETICS.	DEAD	NA	1	Y	Y
BOTTLENOSE DOLPHIN	CA-OR-WA OFFSHORE	2014	1	3	CA SWORDFISH DRIFT GILLNET FISHERY	SAN DIEGO	CA	DEAD	SELF-REPORTED BY VESSEL CAPTAIN. NO DETAILS OTHER THAN KILLED. ASSUMED TO BE PART OF OFFSHORE CA/OR/WA STOCK BASED ON TYPICAL FISHING LOCATIONS FOR THIS FISHERY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	2	12	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	LIVE SEA LION CAUGHT IN CODEND AND DUMPED OVERBOARD, NO APPARENT INJURIES.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2011	2	24	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	CA SEA LION (ONE OF THREE ANIMALS) WAS TEARING AT THE NET TRYING TO PULL OUT GILLED FISH. THE SKIPPER SHOT A COUPLE OF WARNING ROUNDS NEAR THE SEA LIONS WITH A .22 RIFLE AND THEY LEFT. THEY RETURNED LATER WHILE WATCH WAS BEINGS SORTED AND SWAM ALONGSIDE THE BOAT. THIS IS STANDARD--THERE IS OFTEN A GROUP OF THEM FOLLOWING THE BOAT, FEEDING ON DISCARDS.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	2	24	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	CA SEA LION (ONE OF THREE ANIMALS) WAS TEARING AT THE NET TRYING TO PULL OUT GILLED FISH. THE SKIPPER SHOT A COUPLE OF WARNING ROUNDS NEAR THE SEA LIONS WITH A .22 RIFLE AND THEY LEFT. THEY RETURNED LATER WHILE WATCH WAS BEINGS SORTED AND SWAM ALONGSIDE THE BOAT. THIS IS STANDARD--THERE IS OFTEN A GROUP OF THEM FOLLOWING THE BOAT, FEEDING ON DISCARDS.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	2	24	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	CA SEA LION (ONE OF THREE ANIMALS) WAS TEARING AT THE NET TRYING TO PULL OUT GILLED FISH. THE SKIPPER SHOT A COUPLE OF WARNING ROUNDS NEAR THE SEA LIONS WITH A .22 RIFLE AND THEY LEFT. THEY RETURNED LATER WHILE WATCH WAS BEINGS SORTED AND SWAM ALONGSIDE THE BOAT. THIS IS STANDARD--THERE IS OFTEN A GROUP OF THEM FOLLOWING THE BOAT, FEEDING ON DISCARDS.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	2	24	MARINE DEBRIS	LINCOLN	OR	SI	PLASTIC BAND WRAPPED TIGHTLY AROUND NECK AND CUTTING DEEPLY INTO TISSUE; ANIMAL WENT BACK INTO WATER AFTER BEING APPROACHED CLOSELY BY PASSERS-BY	SI	P8A	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2011	2	25	SEAL BOMB	LOS ANGELES	CA	SI	DISLOCATED LOWER JAW. ANIMAL TAKEN INTO REHABILITATION. FINAL STATUS UNKNOWN	SI	P9	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	2	28	GILLNET FISHERY	SAN DIEGO	CA	SI	MONOFILAMENT GILLNET AROUND NECK, CONSTRICTING. ANIMAL LETHARGIC, TRANSFERRED TO REHABILITATION. FINAL STATUS UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	3	8	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	SEA LION WAS BROUGHT ON BOARD ALIVE IN THE NET WHILE HAULING BACK. CREW DUMPED THE BAG AND GOT OUT OF THE WAY AND THE SEA LION EXITED DOWN THE STERN RAMP UNHARMED.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2011	3	12	UNIDENTIFIED NET FISHERY	SANTA BARBARA	CA	SI	YELLOW 'POLY' FISHING NET AROUND NECK	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	3	13	GILLNET FISHERY	MONTEREY	CA	SI	MONOFILAMENT NETTING AROUND NECK	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	3	13	HOOK AND LINE FISHERY	MONTEREY	CA	SI	FISHING LINE AROUND NECK	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	3	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	3	21	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET EMBEDDED IN NECK, TRANSFERRED TO REHABILITATION CENTER. NO NOTES ON FINAL OUTCOME IN REHAB.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	3	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM (ONE OF TWO ANIMALS THAT DIED IN HAUL)	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	3	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM (ONE OF TWO ANIMALS THAT DIED IN HAUL)	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	3	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	LIVE CALIFORNIA SEA LION DUMPED FROM NET. SPRAYED IT WITH DECK HOSES IN ORDER TO GET IT TO SAFELY EXIT TRAWL ALLEY. SEA LION EXITED BOAT VIA TRAWL ALLEY RAMP UNHARMED.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2011	4	1	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	DECKHAND FIRED ONE SHOT FROM A RIFLE NEAR THE SEA LION TO DETER IT FROM PREYING ON HOOKED FISH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	4	3	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT ANIMAL WITH HOOK IN NOSTRIL. ANIMAL TAKEN INTO REHABILITATION FACILITY	SI	P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	4	10	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL RELEASED FROM COOLING WATER SYSTEM	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	4	11	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	ANIMAL BECAME TRAPPED AND WAS HAULED ON BOARD. THE SEA LION LEFT THE BOAT ON ITS OWN AFTER IT WAS RELEASED.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2011	4	12	SHOOTING	PIERCE	WA	DEAD	BULLET WOUNDS	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	4	15	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	CAUGHT IN NET, UPON RELEASE OF BAG, WENT STRAIGHT OVER STARBOARD RAIL.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2011	4	16	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	HUGE LURE IN MOUTH, BROKEN JAW.	SI	P5A, P10	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	4	17	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	THIN ANIMAL. FISHING LINE REMOVED FROM NECK	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	4	18	GILLNET FISHERY	SANTA BARBARA	CA	SI	GILLNET, ANIMAL TAKEN INTO REHAB, FINAL STATUS UNKNOWN	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	4	18	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	THIN ANIMAL. FISH HOOKS EMBEDDED UNDER LEFT EYE, RIGHT LIP, LEFT AND RIGHT FLIPPERS; GUMBALL ABSCESS LOWER LEFT MUZZLE	SI	P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	4	20	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	4	21	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	4	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	4	21	VEHICLE COLLISION	MONTEREY	CA	DEAD	SAN ONOFRE HIT BY CAR	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	4	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	CARCASS FLOATING IN POWER PLANT INTAKE CHANNEL	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	5	1	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	CARCASS IN COOLING WATER SYSTEM OF POWER PLANT	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	5	2	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	NSI	LIVE ANIMAL RELEASED FROM COOLING WATER INTAKE	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	5	4	GILLNET FISHERY	LOS ANGELES	CA	SI	ENTANGLED IN GREEN GILL NET AROUND NECK; SEVERAL LACERATIONS THROUGH BLUBBER INTO MUSCLE LAYER. ANIMAL DIED DURING TRANSPORTATION TO REHAB.	DEAD	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	5	6	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	ANIMAL BOARDED VESSEL. EARS, WHISKERS, DOG SNOUT, LARGE. ANIMAL EXITED VESSEL UNHARMED.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2011	5	8	MARINE DEBRIS	LINCOLN	OR	SI	PLASTIC PACKING BAND CUTTING INTO NECK	SI	P8A	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2011	5	10	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	5	13	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM (ONE OF TWO ANIMALS THAT DIED IN HAUL)	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	5	13	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM (ONE OF TWO ANIMALS THAT DIED IN HAUL)	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	5	14	SHOOTING	ALAMEDA	CA	SI	RADIOGRAPHS DURING POST-MORTEM EXAMINATION SHOWED ~30 PELLETS OF DIFFERENT SIZES IN THE HEAD.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	5	16	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	THIN ANIMAL WITH FISH HOOKS IN LEFT REAR FLIPPER, LEFT FRONT FLIPPER, AND RIGHT FRONT FLIPPER, ANIMAL TRANSFERRED TO REHABILITATION, FINAL STATUS UNKNOWN	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	5	18	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	5	29	POWER PLANT ENTRAINMENT	SANTA CRUZ	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION. ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	5	31	GILLNET FISHERY	MONTEREY	CA	SI	ENTANGLED WITH FISHING NET ON FACE AND NECK, POSSIBLE CUT UNDER CHIN, MODERATELY UNDERWEIGHT. RELEASED AT PT REYES NAT. SEASHORE ON 6/13/11. FOUND DEAD AT RODEO BEACH ON 7/6/11.	DEAD	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	5	31	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	6	1	CATCH SHARES BOTTOM TRAWL	OFFSHORE	WA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	6	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	6	7	GILLNET FISHERY	ORANGE	CA	SI	MALNUTRITION, GILLNET LACERATION AROUND NECK	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	6	10	HOOK AND LINE FISHERY	COOS	OR	SI	ORANGE/SILVER FLASHER WITH 1.5 FEET OF LINE ATTACHED TO MOUTH	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	6	13	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	6	13	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	6	14	HOOK AND LINE FISHERY	SANTA BARBARA	CA	NSI	FISHING LURE IN BACK. ANIMAL SENT TO REHAB FACILITY	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2011	6	15	SHOOTING	SAN LUIS OBISPO	CA	SI	LETHARGIC, MODERATELY UNDERWEIGHT, MILDLY CONGESTED, ABRASION ON CHIN, UNRESPONSIVE TO CARS, BAD LOCATION - TRAFFIC HAZARD. RADIOGRAPHS SHOWED BUCKSHOT FRAGMENTS IN LEFT FRONT FLIPPER AND RIGHT REAR FLIPPER.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	6	17	MARINE DEBRIS	CLALLAM	WA	SI	SEA LION HAULED OUT WITH WHITE PLASTIC BAND OR FISHING LINE CUTTING INTO NECK. CUT WAS TOO DEEP TO DISCERN MATERIAL TYPE	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	6	17	SHOOTING	PACIFIC	WA	DEAD	HEAD BLOWN AWAY	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	6	20	MARINE DEBRIS	MARIN	CA	SI	MILDLY UNDERWEIGHT ANIMAL, DARK GREEN NYLON NET WRAPPED AROUND NECK AND HEAD, ENTANGLEMENT WAS LOOSE AND NOT CUTTING INTO THE SKIN OF THE ANIMAL. ALERT, ACTIVE, OPTED TO DISENTANGLE AND RELEASE AT SITE. ANIMAL INSTANTLY RETURNED TO OCEAN.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2011	6	21	SHOOTING	LOS ANGELES	CA	SI	ANIMAL DIED IN REHAB DUE TO GUNSHOT WOUND INJURIES	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	6	27	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	6	27	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET. ANIMAL TRANSFERRED TO REHABILITATION. FINAL STATUS UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	6	27	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	ANIMAL CAUGHT IN SCREEN BAY AT POWER PLANT	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2011	6	28	GILLNET FISHERY	LOS ANGELES	CA	SI	THIN ANIMAL WITH OLD GILLNET SCAR AROUND NECK; LACERATION ALONG JAWLINE BELOW LEFT EYE; PUNCTURE WOUNDS ON LEFT CHIN. ANIMAL TRANSFERRED TO REHAB, FINAL STATUS UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	6	28	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	6	29	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK. ANIMAL SENT TO REHAB, FINAL STATUS UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	7	6	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM AND RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	7	8	GILLNET FISHERY	SANTA CRUZ	CA	SI	PINK MONOFILAMENT ENTANGLEMENT AROUND NECK, SKIN BROKEN, 1 IN DEEP; MILDLY UNDERWEIGHT. ANIMAL TAKEN INTO REHAB, FINAL STATUS UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	7	9	MARINE DEBRIS	CLALLAM	WA	DEAD	CAN OF SPRAY AEROSOL FOUND IN THROAT OF SEA LION, BASED ON DEPTH IN THROAT AND CONDITION OF CAN SUSPECT HUMAN INTERACTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	7	14	GILLNET FISHERY	LOS ANGELES	CA	SI	GILL NET INJURY CIRCUMFERENTIAL 1-2 CM WIDE BY 1-2 CM DEEP DORSALLY; ACTIVE ONLY TO TOUCH; THIN ANIMAL. TAKEN TO REHAB FACILITY, FINAL STATUS UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	7	17	SHOOTING	GRAYS HARBOR	WA	DEAD	BULLET FRAGMENT FOUND ON RADIOGRAPH	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	7	20	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	SI	ANIMAL RELEASED ALIVE FROM GILLNET, NO TRAILING GEAR	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2011	7	25	MARINE DEBRIS	VENTURA	CA	SI	ANIMAL DISENTANGLED FROM 'NETTING', TAKEN TO REHAB CENTER	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2011	7	28	TRAWL FISHERY (UNKNOWN)	CLALLAM	WA	DEAD	TRIBAL FISHERY	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	8	2	HOOK AND LINE FISHERY	LINCOLN	OR	SI	LARGE SILVER SALMON FLASHER STUCK TO MOUTH; ANIMAL APPEARS SOMEWHAT THIN, FLOATING GENERALLY MOTIONLESS AT SURFACE	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	8	3	SHOOTING	LOS ANGELES	CA	SI	NECROPSY RESULTS FOUND MULTIPLE GUNSHOTS; REMOVED 2 BULLETS AND 1 PELLET.	DEAD	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	8	8	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM AND RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	8	9	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	8	16	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	8	16	GILLNET FISHERY	VENTURA	CA	DEAD	ENTANGLED IN PINK MONOFILAMENT GILL NET AROUND NECK AND BODY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	8	16	SHOOTING	SANTA CRUZ	CA	SI	ON BEACH OVERNIGHT, GOOD BODY CONDITION, LETHARGIC. SMALL OOZING WOUND ON BACK. DIED IN REHAB. NECROPSY FINDINGS: TRAUMA. GUNSHOT. PNEUMONIA	DEAD	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	8	17	MARINE DEBRIS	COOS	OR	SI	APPEARS TO HAVE SEVERAL WRAPS OF LIGHT COLORED MATERIAL AROUND NECK, CUTTING INTO FLESH, DEBRIS ENTANGLEMENT; REPORTED AS "TUNA CABLE", REPORTED AGAIN ON 8/20, SWIMMING UNDER DOCK	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	8	17	SHOOTING	LOS ANGELES	CA	SI	TEMPERATURE 99.0 F; FISH HOOK IN LEFT CHEEK; MULTIPLE PUNCTURE WOUNDS CONSISTENT WITH GUNSHOT; FIRM NODULE LEFT LATERAL/VENTRAL NECK. NO DETAILS GIVEN AS TO FINAL OUTCOME.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	8	22	LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	8	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	8	27	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2011	9	1	SHOOTING	LOS ANGELES	CA	SI	GUNSHOT RIGHT SHOULDER; RESPIRATION LABORED AND INCREASED; ABDOMEN DISTENDED; NOT USING REAR FLIPPERS. FINAL OUTCOME UNKNOWN.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	4	SHOOTING	MONTEREY	CA	SI	LETHARGIC, PUNCTURE NEAR SPINE, MODERATELY UNDERWEIGHT. GUNSHOT ON DORSAL SIDE OF ANIMAL, BULLET FRAGMENTS WERE COLLECTED. ANIMAL WAS EUTHANIZED IN REHAB	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	6	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	ONE INDIVIDUAL ENTANGLED IN GEAR AND RELEASED ALIVE.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	9	MARINE DEBRIS	DOUGLAS	OR	SI	INFECTED WOUND CAUSED BY IMBEDDED BAND AROUND LOWER PORTION ON NECK, LARGE FLAP OF FLESH HANGING FREE UNDER THE NECK (~1 FOOT LONG), IT APPEARS TO BE HAVING A DIFFICULT TIME LIFTING IT'S HEAD AND WALKING BUT IS VERY ACTIVE; WAS GONE NEXT DAY	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	9	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	A MALE CALIFORNIA SEA LION WAS ACCIDENTALLY CAPTURED AND DROWNED IN A SURFACE TRAWL FOR JUVENILE SALMON AS PART OF JUVENILE SALMON OCEAN SURVEY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	11	GILLNET FISHERY	SAN LUIS OBISPO	CA	SI	GREEN MONOFILAMENT NETTING AROUND NECK, BLEEDING, EMACIATED	SI	P1 AND P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	12	SCIENTIFIC RESEARCH	SOLANO	CA	NSI	SEA LION WAS ENTANGLED AT THE SURFACE OF A RESEARCH NET, TAKING CHINOOK SALMON FROM THE NET. AFTER BEING RELEASED, THE SEA LION WAS OBSERVED SWIMMING AROUND THE BOAT AND APPEARED UNHARMED	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	15	SCIENTIFIC RESEARCH	SOLANO	CA	NSI	A SEA LION BECAME ENTANGLED IN THE NET DURING A STURGEON TAGGING PROJECT. SEA LION WAS RELEASED FROM THE NET WHEN BROUGHT TO THE STERN OF THE BOAT WITHOUT HAVING TO CUT THE NET, THE NET WAS ONLY WRAPPED ONCE AROUND THE SEA LION. THE SEA LION IMMEDIATELY SWAM AWAY AND APPEARED TO BE IN GOOD CONDITION. THE SEA LION WAS OBSERVED TAKING CHINOOK SALMON FROM THE NET.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	15	SCIENTIFIC RESEARCH	SOLANO	CA	NSI	SEA LION BECAME ENTANGLED IN THE NET AND WAS DISENTANGLED AFTER 5 MINUTES. HE WAS REMOVED FAIRLY EASILY WITHOUT HAVING TO CUT THE NET. THE SEA LION APPEARED TO BE IN GOOD CONDITION AND IMMEDIATELY SWAM AWAY AFTER BEING RELEASED. THE SEA LION WAS OBSERVED TAKING CHINOOK SALMON FROM THE NET.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2011	9	15	SHOOTING	LOS ANGELES	CA	SI	BOTH EYES MISSING, THIN. METAL FRAGMENTS IN EYE SOCKET SUGGEST GUNSHOT TRAUMA.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	17	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2011	9	18	SHOOTING	MONTEREY	CA	SI	LETHARGIC, WEAK, MODERATELY UNDERWEIGHT. RADIOGRAPHS SHOWED BULLET FRAGMENT IN DORSAL ASPECT OF LEFT FRONT FLIPPER, REMOVED DURING POST-MORTEM EXAMINATION	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	20	SCIENTIFIC RESEARCH	SOLANO	CA	DEAD	DROWNED IN SCIENTIFIC RESEARCH NET	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	21	MARINE DEBRIS	SONOMA	CA	SI	EMACIATED, LETHARGIC, SUSPECTED FORMER ENTANGLEMENT AROUND NECK; EUTHANIZED IN REHAB, LEPTOSPIROSIS, CHRONIC DOMOIC ACID	DEAD	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	25	SHOOTING	LOS ANGELES	CA	SI	VERY THIN; WARM TO TOUCH; NOT MOVING FROM HIP REGION DOWN; BLEEDING FROM LEFT EAR; RIGHT EAR RED; MINOR ABRASIONS ON REAR FLIPPERS. NECROPSIED.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	25	VEHICLE COLLISION	MONTEREY	CA	SI	HIT BY A CAR AROUND MIDNIGHT. HEAD TRAUMA, JAW INJURY, BLEEDING FROM MOUTH AND GURGLING. EUTHANIZED.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	28	MARINE DEBRIS	CLATSOP	OR	DEAD	A COUPLE OF SUPERFICIAL ROPE-LIKE MARKS ON FOREFLIPPER AND VENTRAL ABDOMEN. ANIMAL WAS EMACIATED; MUSCLE SIGNIFICANTLY REDUCED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	9	28	SHOOTING	LOS ANGELES	CA	SI	APPEARS TO BE BLIND IN RIGHT EYE; 4 SHOTS BETWEEN EYES, ONE CLOSE TO RIGHT EYE, TWO OVER NOSE, SCRAPE ON UNDERSIDE OF RIGHT FRONT FLIPPER TIP; RAW EDGE ON RIGHT REAR FLIPPER	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	10	1	SHOOTING	SAN MATEO	CA	SI	BULLET BEHIND LEFT EYE, UNALIGNED JAW, AND GOOD BODY CONDITION	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	10	4	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM AND RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	10	4	SHOOTING	SAN LUIS OBISPO	CA	SI	LETHARGIC, GOOD BODY CONDITION, MULTIPLE SMALL ROUND WOUNDS ON FACE. RADIOGRAPHS SHOWED GUNSHOT TO THE HEAD, PELLET REMOVED FROM RIGHT SIDE OF FACE. TEMPORARILY HOUSED 11/3-23/11 AT LML FOR COGNITIVE ASSESSMENT. RADIOGRAPHS & MRI SHOWED GAS BUBBLES IN CEREBELLUM & CEREBRUM.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	10	7	GILLNET FISHERY	LOS ANGELES	CA	SI	EMACIATED; SEVERE CUT UNDER JAW FROM GILL NET; LEFT EYE INJURED; BREATHING THROUGH LACERATION	SI	P1	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	7	VEHICLE COLLISION	MONTEREY	CA	DEAD	MIDDLE OF ROAD, HIT BY CAR, DEAD WHEN RESCUE TEAM ARRIVED	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	10	13	GILLNET FISHERY	SAN DIEGO	CA	SI	ACTIVE SUB-ADULT WITH FISHING NET DEEPLY CUTTING INTO NECK	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM AND RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	10	14	VESSEL STRIKE	CLATSOP	OR	DEAD	VERTEBRA DISLOCATED WITH ASSOCIATED NECROSIS	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	10	17	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y

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CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	27	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	10	29	VESSEL STRIKE	CLATSOP	OR	DEAD	TREMENDOUS HEMORRHAGING	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	10	31	SHOOTING	SAN FRANCISCO	CA	SI	EUTHANIZED. NECROPSY PERFORMED.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	11	8	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	11	13	HOOK AND LINE FISHERY	MONTEREY	CA	SI	LOOSE FISHING LINE ENTANGLEMENT AROUND THE NECK NOT CUTTING INTO SKIN, LETHARGIC, COUGHING, MILDLY UNDERWEIGHT	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	11	14	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	FEMALE WAS ENTANGLED IN NET WHEN IT CAME ABOARD. ONCE SHE WAS FREE SHE JUMPED RIGHT BACK INTO THE OCEAN ON STARBOARD SIDE.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2011	11	15	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	11	15	MARINE DEBRIS	CLATSOP	OR	DEAD	ROPE LIKE MARKS ON LEFT VENTRAL PELVIC REGION	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	11	17	SHOOTING	PACIFIC	WA	SI	ANIMAL THIN BUT ALERT WHEN FIRST OBSERVED ABSCESS ON DORSAL HINDQUARTERS (NEAR BULLET HOLE); EDEMA IN ABDOMINAL WALL; SCROTUM AND VENTRAL HIND LIMB AREA SWOLLEN; TUMORS BETWEEN KIDNEYS; LEFT KIDNEY HIGHLY COMPROMISED; PANCREAS-ASSOC. TUMORS ALSO PRESENT; LUNGS ABNORMAL	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	11	19	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	11	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	11	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM AND RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2011	12	5	MARINE DEBRIS	MONTEREY	CA	DEAD	OLD ENTANGLEMENT SCAR AROUND NECK. PINK SCAR ON FLIPPER. ANIMAL LEFT ON BEACH, FINAL OUTCOME UNKNOWN.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	12	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	12	18	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	12	18	SHOOTING	PIERCE	WA	DEAD	BULLET FOUND IN SKULL	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	12	19	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2011	12	19	VESSEL STRIKE	PACIFIC	WA	DEAD	PROPELLER MARKS	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2011	12	30	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	5	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK. TRANSFERRED TO REHAB FACILITY, TREATED AND RELEASED. ROTOTAG NUMBER 17883	NSI	P7B	0	Y	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2012	1	9	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	9	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	9	SHOOTING	CLATSOP	OR	SI	SHOTGUN PELLET FOUND AT RIGHT VENTRAL MANDIBLE, METAL SHARD FOUND AT LEFT LOWER EYELID; THREE LARGE TUMORS LOCATED BETWEEN KIDNEYS, DIED ON 1/11/2012.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	9	SHOOTING	GRAYS HARBOR	WA	DEAD	GUNSHOT TRACKING THROUGH RIGHT SIDE ORF HEAD, HYOID, BROKEN BONE, PERFORATED ESOPHAGUS, AND SHARDS OF BULLET FOUND BEHIND RIGHT EAR.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	12	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	13	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	13	SHOOTING	PIERCE	WA	DEAD	BULLETS #1 AND #2, BOTH TRACKING IN FROM RIGHT SIDE OF THE HEAD AND INTO THE SKULL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	15	SHOOTING	MONTEREY	CA	SI	EUTHANIZED IN REHABILITATION FACILITY. NECROPSY PERFORMED	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	18	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	18	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	19	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	19	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	1	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	23	SHOOTING	KING	WA	DEAD	TRACKING WOUND ENTERING INTO THORACIC CAVITY AND INTO LUNGS, FOUND BULLET IN LEFT LOBE OF LUNGS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	25	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	THIN; FISHING LINE AND HOOKS IN MOUTH; FISHING LINE UNDER RIGHT REAR FLIPPER; MUCOUS MEMBRANES WHITE. TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ORANGE ROTOTAG 26132.	NSI	P5A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	1	28	SHOOTING	THURSTON	WA	DEAD	RADIOGRAPHS SHOWED TWO BULLETS IN SKULL, BOTH FOUND UPON INTERNAL EXAMINATION OF SKULL. TWO TRACKING GUNSHOT WOUNDS FROM DORSAL SIDE OF HEAD AND NECK.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	1	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	REPEATEDLY CLIMBED ABOARD VESSEL. SMALL JUVENILE SEA LION. CREW THOUGHT IT MIGHT BE SICK SO THEY BROUGHT IT BACK TO HARBOR. ANIMAL WAS TRANSFERRED TO REHAB FACILITY.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	2	2	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	2	4	SHOOTING	CLATSOP	OR	DEAD	SMALL BULLET HOLE AT RIGHT ANTERIOR FLIPPER; HEAD GONE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	2	5	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	SCATTERGOOD GENERATING STATION. ANIMAL ENTERED THROUGH INTAKE TUNNEL	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	2	5	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	SCATTERGOOD GENERATING STATION. ANIMAL ENTERED THROUGH INTAKE TUNNEL	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	2	10	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2012	2	10	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	2	11	SHOOTING	SAN DIEGO	CA	SI	XRAY SHOWED ONE 22-CALIBER BULLET FROM RIFLE. REMOVED FROM LEFT FRONT SHOULDER BLADE.; THIN, INJURED LEFT FRONT FLIPPER. 6 IN LONG X 3 IN WIDE WOUND. GUNSHOT WOUND FOUND IN XRAY. TAGGED WITH ORANGE ROTOTAG #20373 PRIOR TO RELEASE FROM REHAB FACILITY	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	2	12	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	THIN; FISH HOOKS - ONE LEFT SHOULDER, TWO IN MOUTH; WOUND LOWER ABDOMEN; WOUND CENTER OF SHOULDERS; MUCOUS MEMBRANES PALE AND WHITE. TAGGED AND RELEASED WITH ORANGE ROTOTAG #26148 FOLLOWING TREATMENT AT REHAB FACILITY.	NSI	P5A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	2	15	GILLNET FISHERY	TILLAMOOK	OR	DEAD	LINEAR CREASE MARKS OVER VENTRAL PELVIC REGION, GASH IN RIGHT AXILLARY, SUGGESTIVE OF FISHERY ENTANGLEMENT	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	2	15	SHOOTING	SAN DIEGO	CA	SI	ANIMAL EUTHANIZED IN REHABILITATION FACILITY. XRAY SHOWED FIVE BUCKSHOTS FROM SHOTGUN. BULLETS GRAZED EYE AND FOUND INSIDE HEAD CAVITY. ONE REMOVED DURING NECROPSY.; GOOD WEIGHT.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	2	20	SHOOTING	LOS ANGELES	CA	SI	TEMPERATURE 102.1 F; FIRM NODULES ON CAUDAL ABDOMEN; SKIN LESIONS; BUMPS AND HOLE CONSISTENT WITH PELLET/GUNSHOT; BLIND RIGHT EYE; CONGESTED. TREATED AND RELEASED FROM REHAB FACILITY, TAGGED WITH ORANGE ROTOTAG #26149	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	2	26	SHOOTING	PIERCE	WA	DEAD	INTERNAL AND EXTERNAL EXAM OF SKULL, ONE BULLET FOUND, ENTERING LEFT ABOVE AND SLIGHTLY ANTERIOR TO LEFT EAR PINNAE. BULLET TRACKS THROUGH SKULL AND BRAIN CAVITY	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	2	29	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	ANIMAL TAKEN INTO REHAB FACILITY AND DIED. THIN; DEEP WOUND CIRCUMFERENTIAL WITH BLEEDING CAUSED BY FISHING LINE; RUSTY FISH HOOK IN RIGHT FRONT FLIPPER; COUGHING; SEVERE RESPIRATORY DISTRESS; CAUSE OF DEATH HUMAN INTERACTION, FISHING LINE ENTANGLEMENT, HOOK.	DEAD	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	3	1	SHOOTING	KING	WA	DEAD	EXTERNAL AND LIMITED INTERNAL EXAM FOUND BULLET FRAGMENT LODGE IN LOWER JAW, ENTRY WOUND JUST IN FRONT OF RIGHT EAR. STOMACH HAD PARTIALLY DIGESTED FISH.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	3	2	SHOOTING	PIERCE	WA	DEAD	TRACKING WOUND BEHIND THE EAR FOUND BULLET JUST OUTSIDE THE RIGHT SIDE BACK OF SKULL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	3	8	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	3	9	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING CABLE AND HOOK IN MOUTH. REMOVED BY TEAM AND RELEASED AT SITE.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2012	3	9	MARINE DEBRIS	SAN FRANCISCO	CA	SI	YELLOW PACKING STRAP EMBEDDED IN NECK, GOOD BODY CONDITION, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. FIRST OBSERVED ENTANGLED IN JULY 2011.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2012	3	12	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	3	12	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET FRAGMENT AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ORANGE ROTOTAG #26259.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2012	3	13	SHOOTING	LOS ANGELES	CA	SI	THIN; MULTIPLE PUNCTURES-LEFT FLIPPER/SHOULDER-CHARACTERISTIC OF PELLETS/BULLETS INTRUSION; LEFT REAR FLIPPER CUTS DORSALLY AND VENTRALLY; MUCOUS MEMBRANES PALE. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. ORANGE ROTOTAG #26151 APPLIED.	NSI	P9	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2012	3	15	GILLNET FISHERY	SANTA BARBARA	CA	SI	GILLNET FRAGMENT AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ROTOTAG # 17890	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2012	3	20	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM, RELEASED ALIVE TO BEACH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	3	24	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	SEA LION CAUGHT IN CODEND. CREW PULLED ZIPPER AND ANIMAL JUMPED OUT ON DECK AND THEN CLIMBED OVER PORT RAIL BACK INTO WATER.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	3	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM, RELEASED ALIVE TO BEACH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	3	25	HARASSMENT	DEL NORTE	CA	NSI	ANIMAL PREVIOUSLY TAGGED (ORANGE ROTOTAG 27261 LEFT FRONT FLIPPER), RESTRAINED AND WAS BEING FED BY PUBLIC. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	3	25	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	THIN, DEHYDRATED. FIVE FISH HOOKS REMOVED FROM STOMACH AREA. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED WITH ORANGE ROTOTAG #20386.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2012	4	1	MARINE DEBRIS	LOS ANGELES	CA	SI	PACKING STRAP AND FISH LINE CIRCUMFERENTIAL WOUND AROUND NECK - 3 CM DEEPLY EMBEDDED. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ORANGE ROTOTAG #26279.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	4	2	MARINE DEBRIS	MONTEREY	CA	SI	ENTANGLEMENT AROUND HEAD NEAR EARS. NO DETAILS ON TYPE OF MATERIAL. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	4	3	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	3	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	4	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	CAUGHT IN CODEND - PROBABLY CAUGHT DURING HAULBACK; VERY LIVELY - GOT ITSELF FREE OF THE NET VERY QUICKLY, AND EXITED STERN	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	4	7	SHOOTING	PACIFIC	WA	DEAD	BULLET ENTRANCE/EXIT HOLES IN HEAD.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	9	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	12	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	12	SHOOTING	SAN DIEGO	CA	SI	THIN, DEHYDRATED. SWOLLEN LEFT REAR FLIPPER. RIFLE BULLET IN RIGHT HIP JOINT. FOUND DURING XRAY. EXTRACTED BULLET. FISH HOOK IN CHEST. ANIMAL RELEASED AND TAGGED WITH ORANGE ROTOTAG #20423.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	4	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	15	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. RELEASED TO BEACH WITHOUT INJURIES. PHOTOS TAKEN.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	4	19	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	20	SHOOTING	SAN DIEGO	CA	SI	PREGNANT; PRESUMPTIVE DOMOIC ACID TOXICOSIS. EXTREMELY LETHARGIC. ON MAY 4, 2012 XRAY SHOWED PELLETS FROM SHOTGUN IN CHEST AREA. TREATED IN REHAB, TAGGED AND RELEASED WITH ROTOTAG #20410.	NSI	P9	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

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CALIFORNIA SEA LION	U.S.	2012	4	25	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	25	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	25	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	25	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	25	SHOOTING	PACIFIC	WA	DEAD	BULLET COLLECTED FROM STOMACH	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	29	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	4	30	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	4	SHOOTING	PACIFIC	WA	DEAD	SHOT IN HEAD (BULLET COLLECTED).	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	4	SHOOTING	PACIFIC	WA	DEAD	BULLET LODGED IN LEFT PARIETAL; SKULL COMPLETELY EXPOSED; MANDIBLES GONE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	5	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	ANIMAL ENTERED SCATTERGOOD GENERATING STATION THROUGH INTAKE TUNNEL	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	XRAY SHOWED THAT ANIMAL SWALLOWED LARGE FISHING HOOK. THIN, DEHYDRATED. XRAY SHOWED INTERNAL DAMAGE. ANIMAL EUTHANIZED IN REHAB FACILITY.	DEAD	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	7	HOOK AND LINE FISHERY	COLUMBIA	OR	SI	FISHING LURE HOOKED IN MOUTH, FINAL DISPOSITION UNKNOWN.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	7	MARINE DEBRIS	LINCOLN	OR	SI	MARINE DEBRIS; PACKING BAND, HAS TIGHT LIGATURE AROUND NECK FROM APPARENT PLASTIC PACKING BAND; ANIMAL IS QUITE ROBUST, APPEARS TO BE CHRONIC INJURY.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	10	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE EMBEDDED AROUND NECK. THIN, DEHYDRATED. ANIMAL TAKEN INTO REHAB AND DIED. EMBEDDED FISHING LINE WITH BACTERIAL MYOSITIS.	DEAD	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	11	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK IN RIGHT FLIPPER WITH ASSOCIATED ABSCESS, ANIMAL DEHYDRATED. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ORANGE ROTOTAG LEFT FRONT FLIPPER # 22313.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2012	5	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. RELEASED TO BEACH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	5	14	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	CAUGHT IN NET ON HAULBACK - NOT HARMED, EXITED STERN	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	5	15	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	CAUGHT DURING HAULBACK - WAS VERY CONFUSED BUT OTHERWISE UNHARMED; EXITED OVER PORT RAIL	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	5	15	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	MULTIPLE FISH HOOKS FOUND IN XRAY. 2 INTERNAL AND 1 ON SIDE. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ORANGE ROTOTAG #20430.	NSI	P5C	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2012	5	16	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	16	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	20	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	WAS BROUGHT ABOARD VESSEL IN CODEND, RELEASED ON DECK, AND QUICKLY ESCAPED OVERBOARD.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	5	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	28	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	30	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	SALMON LURE HOOKED IN MOUTH, ANIMAL BARELY BREATHING. ANIMAL DIED DURING TRANSPORT TO REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	5	30	SHOOTING	CLALLAM	WA	DEAD	BULLET HOLE AND TRACKING WOUND ADJACENT TO RIGHT EYE, BLOOD COMING OUT OF WOUND. DID NOT PERFORM COMPLETE NECROPSY. ANIMAL VERY HEALTHY BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	6	1	MARINE DEBRIS	COOS	OR	SI	MARINE DEBRIS, LINE OR ROPE AROUND NECK/BODY; CUTTING IN A BIT, SOME SCARRING; LOOKS LIKE NATURAL FIBER, BRAIDED ROPE.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	6	1	SHOOTING	PACIFIC	WA	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; CLEARLY SHOT IN NECK THREE TIMES, WITH ONE BULLET TRACK GOING THROUGH PERICARDIUM; EYES BLOOD-FILLED; HEMORRHAGE ON HEAD, BODY, AND SOME ORGANS; BLOODY FLUID IN ABDOMINAL CAVITY	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	6	3	SHOOTING	CLATSOP	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; OBVIOUS BULLET HOLES WITH ASSOCIATED HEMORRHAGE THROUGH BODY AND VARIOUS ORGANS; SUBSTANTIAL BLOOD IN THORACIC AND ABDOMINAL CAVITIES; SOME INTESTINES IN THORACIC CAVITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	6	4	MARINE DEBRIS	LOS ANGELES	CA	NSI	SHALLOW CIRCUMFERENTIAL PACKING STRAP INJURY AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED WITH ORANGE ROTOTAG #26257.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	6	5	MARINE DEBRIS	COOS	OR	SI	MARINE DEBRIS, WIRE OR OTHER MATERIAL WRAPPED TIGHTLY AROUND NECK.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	6	7	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED WITH ROTOTAG #17918.	NSI	P8A	0	Y	N
CALIFORNIA SEA LION	U.S.	2012	6	10	SHOOTING	PACIFIC	WA	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; CLEAR BULLET HOLES AND TRACKS WITH ASSOCIATED HEMORRHAGING IN NECK AND BODY; SOME FISH BONES AND A SUBSTANTIAL AMOUNT OF BLOOD ENCOUNTERED IN ESOPHAGUS DURING HEAD REMOVAL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	6	24	SCIENTIFIC RESEARCH	OFFSHORE	CA	NSI	CA SEA LION HOOKED IN THE LIP DURING SHARK LONGLINE SURVEY AND BROUGHT TO THE VESSEL. BECAUSE IT WAS VERY ACTIVE, FOR THE SAFETY OF THE CREW AND SCIENTISTS, THE ANIMAL WAS NOT RAISED OUT OF THE WATER ON THE SHARK CRADLE TO REMOVE THE HOOK. RATHER A LONG HANDLED CUTTER WAS USED TO CUT THE LEADER AS CLOSE TO THE ANIMAL AS POSSIBLE, WITHIN LESS THAN ONE FOOT FROM THE HOOK. THE SEA LION SWAM AWAY VIGOROUSLY. THE HOOKS USED ARE NOT STAINLESS AND THE EYE WILL LIKELY RUST OUT WITHIN DAYS DROPPING THE LEADER IF THE HOOK DOES NOT FALL OUT FIRST.	NSI	P5B	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2012	6	28	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	ENTANGLEMENT CUT INTO NECK OF EMACIATED ANIMAL. TAKEN TO REHAB FACILITY, TREATED AND RELEASED.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	6	30	UNIDENTIFIED HUMAN INTERACTION	CLALLAM	WA	DEAD	SIGNS OF HUMAN INTERACTION: SKULL CUT OFF OF CARCASS. ANIMAL APPEARED IN EXCELLENT BODY CONDITION (BASED ON EXTERNAL EXAM - VERY FAT, LOTS OF BLUBBER, FAT LEACHING FROM CARCASS). EMACIATED ANIMAL; FIRM OBSTRUCTION AROUND LARYNX; RAPID RESPIRATION; PULMONARY PARASITISM; FISH HOOK IN STOMACH; PELLET IN NECK; AZOTEMIA, CLINICAL FINDING (POSSIBLE LEPTOSPIROSIS); CAUSE OF DEATH = ESOPHAGEAL STRICTURE WITH ABSCESS. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	7	1	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	MARINE DEBRIS, LARGE BAND OF PLASTIC AROUND NECK. NO FURTHER DETAILS AVAILABLE.	DEAD	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	7	5	MARINE DEBRIS	COOS	OR	SI	FISH HOOKS IN FRONT FLIPPER, UNDERWEIGHT, DEHYDRATED, CAUSE OF DEATH= STARVATION; SEVERE PARASITIC INFESTATION. ANIMAL DIED IN REHAB CENTER.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	7	9	HOOK AND LINE FISHERY	ORANGE	CA	SI	OBSERVER PROGRAM	DEAD	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	7	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	7	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	7	20	SHOOTING	CURRY	OR	DEAD	PHOTOGRAPHED AND ASSESSED BY VOLUNTEER: MULTIPLE SMALL HOLES (10 AT LEAST) TO THE FRONT RIGHT SIDE OF BODY. LOOKED HEALTHY WITH A GOOD FAT LAYER. APPEARS TO HAVE MULTIPLE PUNCTURE WOUNDS WITH EMBEDDED SHOTGUN FRAGMENTS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	7	21	GILLNET FISHERY	LOS ANGELES	CA	SI	CHRONIC CIRCUMFERENTIAL GILL NET INJURY WITH MYOSITIS AND SCAR FORMATION. ANIMAL DIED IN REHAB FACILITY.	DEAD	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	7	22	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET, INTERNAL BLEEDING. ANIMAL DIED IN REHAB.	DEAD	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	7	23	GILLNET FISHERY	LOS ANGELES	CA	SI	2-3 CM VENTRALLY X 2-3 CM DEEP GILL NET LACERATION AROUND NECK. ANIMAL TREATED AND RELEASED FROM REHAB, ORANGE ROTOTAG #26272.	NSI	P8A	0	Y	N
CALIFORNIA SEA LION	U.S.	2012	7	25	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	7	29	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	7	29	MARINE DEBRIS	MONTEREY	CA	SI	ENTANGLEMENT AROUND FACE AND NECK, PINK GUMS. 1.5 INCHES CUT ON BACK OF NECK, MILDLY UNDERWEIGHT. ANIMAL TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	7	31	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	HOOKS IN MOUTH AND FLIPPERS. ANIMAL TREATED AND RELEASED FROM REHAB FACILITY WITH ROTOTAG #17927	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2012	7	31	VESSEL STRIKE	CLATSOP	OR	NSI	HEALING PROPELLER WOUND ON DORSAL MID-BACK. ROBUST ANIMAL VERY ACTIVE AND ALERT IN SURF, DEPARTED BEACH SAME DAY.	NSI	P15	0	N	N
CALIFORNIA SEA LION	U.S.	2012	8	3	GILLNET FISHERY	LOS ANGELES	CA	SI	GILL NET ENTANGLEMENT VENTRALLY 1 CM DEEP AND 2 CM WIDE AROUND NECK. ANIMAL TREATED AND RELEASED FROM REHAB, TAGGED WITH ROTOTAG #26278.	NSI	P8A	0	Y	N
CALIFORNIA SEA LION	U.S.	2012	8	4	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	PRELIMINARY FINDINGS: PULMONARY PARASITISM; GASTROINTESTINAL PARASITISM; CHRONIC FISHING LINE ENTANGLEMENT WITH LACERATION. ANIMAL DIED DURING TRANSPORT.	DEAD	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	8	27	LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	LIVE ANIMAL PULLED UP WITH CATCH IN THE NET. ANIMAL DEPARTED VESSEL ON ITS OWN, NO TRAILING GEAR.	NSI	P4	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

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CALIFORNIA SEA LION	U.S.	2012	8	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	2	SHOOTING	SAN LUIS OBISPO	CA	SI	EMACIATED, RIGHT EYE INJURY, BAD LOCATION - TRAFFIC HAZARD. WE RECOVERED A VERY SMALL FRAGMENT OF SHOT WHEN WE EXTRACTED THE CANINE ROOTS AT SURGERY; SEE DISPOSITION & COLLECTED REPORTS. RELEASED FROM REHABILITATION FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2012	9	2	SHOOTING	CLATSOP	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; BULLET HOLE ON LEFT ABDOMINAL LATERAL SIDE AND A LARGER HOLE IN LEFT VENTRAL THORAX, WITH HEMORRHAGE THROUGHOUT MUCH OF ANIMAL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	3	GILLNET FISHERY	LOS ANGELES	CA	SI	TEMPERATURE 103 F; INCREASED RESPIRATION; MUCOUS MEMBRANES PALE; SINGLE KNOTTED FISH LINE (COULD BE GILL NET) AROUND NECK 2 CM WIDE AND 0.5 CM DEEP. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P8A	0	Y	N
CALIFORNIA SEA LION	U.S.	2012	9	4	SHOOTING	CLATSOP	OR	DEAD	ANIMAL HAD GOOD BODY CONDITION; BULLET HOLES IN BODY AND ONE THROUGH LIVER WITH ASSOCIATED HEMORRHAGE; NECK SWOLLEN AND HEMORRHAGED; VENTRAL MANDIBLE AND AROUND TRACHEA BRUISED/HEMORRHAGED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	9	SHOOTING	SAN LUIS OBISPO	CA	SI	LETHARGIC, EUTHANIZED IN REHAB FACILITY, BULLETS REMOVED FROM BACK AND NECK ON POST-MORTEM.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	9	VESSEL STRIKE	CLATSOP	OR	DEAD	SEVERAL GASH MARKS/INDENTATIONS ON BODY AND FLIPPERS; THREE BROKEN RIBS ASSOC. W/RUBBED HOLE IN LEFT DIAPHRAGM; MUCH PUS-LIKE BLOOD IN THORACIC CAVITY; FOAM AND MUCUS/INFECTION IN LEFT LUNG; STOMACH DETACHED FROM SMALL INTESTINES	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	10	GILLNET FISHERY	LOS ANGELES	CA	SI	RESTRAND; ORANGE ROTOTAG RFF #19981; OLD GILL NET SCAR AROUND NECK; NOTCH ON RIGHT FRONT FLIPPER; HIGH WHITE CELL COUNT. TREATED AND RELEASED FROM REHAB WITH NEW TAG #26283 (OLD TAG BARELY READABLE).	SI	P1	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	9	11	SHOOTING	KITSAP	WA	DEAD	SHOT PELLETS WOUNDS IN HEAD AND NECK IN ADDITION TO PENETRATING WOUND TO ABDOMINAL CAVITY AND INTESTINES WITH LARGE AMOUNT OF ASSOCIATED ABDOMINAL CAVITY FLUID.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	12	HOOK AND LINE FISHERY	SANTA BARBARA	CA	NSI	TREBLE HOOK ON LEFT FOREFLIPPER. TAKEN TO REHAB, TREATED AND RELEASED WITH ROTOTAG #17938.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2012	9	20	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL FOUND IN POWER PLANT INTAKE SYSTEM	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	20	SHOOTING	SAN DIEGO	CA	SI	THIN, LETHARGIC. IN SAME AREA FOR THREE DAYS. BUCKSHOT GUNSHOT WOUND FOUND DURING NECROPSY. EUTHANIZED IN REHABILITATION FACILITY.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	20	SHOOTING	PACIFIC	WA	DEAD	BULLET HOLES, TRACKS, AND ASSOCIATED HEMORRHAGE IN NECK AND BODY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	24	UNIDENTIFIED HUMAN INTERACTION	VENTURA	CA	DEAD	ANIMAL FOUND WITH ROPE TIED AROUND BODY BELOW PECTORAL FLIPPERS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	9	29	SHOOTING	LOS ANGELES	CA	SI	MULTIPLE GUNSHOT WOUNDS RESULTING IN PARALYSIS. EUTHANIZED IN REHAB.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	10	1	MARINE DEBRIS	KITSAP	WA	DEAD	7CM ORANGE ACOUSTIC TAG WRAPPED IN GAUZE BY A RUBBER BAND AND A 2 CM WIRE WAS RECOVERED FROM ITS STOMACH. THE ACOUSTIC TAG WAS FROM THE STOMACH OF A CHINOOK SALMON TAGGED AT THE BALLARD LOCKS.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

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CALIFORNIA SEA LION	U.S.	2012	10	2	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	NSI	CAUGHT IN NET AND DUMPED OUT ALONG WITH CATCH ON DECK. IT THEN WENT INTO THE STARBOARD LIVE TANK FOR ABOUT 30 MINUTES AND GOT OUT AND ESCAPED DOWN THE STERN RAMP UNHARMED.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	10	4	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	10	4	MARINE DEBRIS	SAN FRANCISCO	CA	SI	EMBEDDED ENTANGLEMENT AROUND NECK, MILDLY UNDERWEIGHT. ANIMAL TREATED AT REHAB FACILITY AND RELEASED.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	10	5	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	10	5	SHOOTING	SAN DIEGO	CA	SI	ADULT MALE WITH LARGE WOUND ON RIGHT SIDE OF FACE. MISSING RIGHT EYE. OTHERWISE GOOD BODY CONDITION. XRAY SHOWED BUCKSHOT ON SIDE OF FACE AND CHEST. ANIMAL TREATED AND RELEASED WITH ORANGE ROTOTAG #20446. DESIGNATED SERIOUS INJURY BECAUSE MISSING EYE MAY INTERFERE WITH ABILITY TO FORAGE.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	10	10	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	10	13	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	10	13	GILLNET FISHERY	ORANGE	CA	SI	GILL NET EMBEDDED AROUND NECK, REMOVED ON PLATFORM AND RELEASED.	NSI	P8A	0	Y	N
CALIFORNIA SEA LION	U.S.	2012	10	19	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	10	21	SHOOTING/GILLNET FISHERY	LOS ANGELES	CA	SI	GILL NET AT BASE OF NECK. CAUSE OF DEATH = GILLNET INJURY; GUNSHOT; UROABDOMEN, RUPTURED BLADDER, CYSTITIS; PARAPHIMOSIS.	DEAD	P9	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	10	31	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	SEA LION CAUGHT IN CODEND, NET DUMPED ON DECK WITH FISH. SEA LION ESCAPED OVER VESSEL SIDE WITH NO APPARENT INJURIES.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2012	11	3	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	11	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	11	4	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	11	8	HOOK AND LINE FISHERY	ORANGE	CA	SI	ABSCESS ON BACK, EMACIATED, DEHYDRATED, FISH HOOK RIGHT FRONT FLIPPER. TREATED AND RELEASED FROM REHAB FACILITY, TAGGED WITH ORANGE ROTOTAG #22388.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2012	11	18	MARINE DEBRIS	LOS ANGELES	CA	SI	TEMPERATURE 100.8 F; ABRASIONS RIGHT FRONT FLIPPER; BILATERAL ABRASIONS AROUND EYES AND NOSE; ABDOMEN DISTENDED; PLASTIC TIE AROUND NECK MILD SKIN INDENTATION. TREATED AND RELEASED FROM REHAB FACILITY, TAGGED WITH ORANGE ROTOTAG #26306.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2012	11	20	SHOOTING	ORANGE	CA	SI	CIRCULAR WOUND ON LEFT THORAX, CONSISTENT WITH OTHER KNOWN BULLET ENTRY WOUNDS. ANIMAL HYPOTHERMIC, OPEN-MOUTH BREATHING. EUTHANIZED IN REHAB FACILITY.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	11	26	SHOOTING	LANE	OR	DEAD	TWO SMALL PUNCTURE WOUNDS AT LOWER LEFT ABDOMEN - APPEAR TO BE BULLET WOUNDS	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2012	12	11	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2012	12	13	SHOOTING	CLATSOP	OR	DEAD	ANIMAL WASHED BACK OUT TO SEA PRIOR TO NECROPSY; WASHED ASHORE AGAIN AT 1ST AVENUE IN SEASIDE, OR ON 1/2/13; CLEAR BULLET HOLES IN RIGHT ABDOMEN W/ASSOC. HEMORRHAGE; INTESTINES VERY TWISTED; ANIMAL HAD EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2012	12	27	VESSEL STRIKE	CLATSOP	OR	DEAD	ANIMAL HAD GOOD TO EXCELLENT BODY CONDITION; SUBSTANTIAL PROPELLER CUT MARKS ALONG LEFT LATERAL SIDE OF BODY WITH ASSOCIATED HEMORRHAGING, BEGINNING AT LEFT SCAPULA; A LOT OF BLOOD IN THORACIC CAVITY AND PERICARDIUM	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	1	2	MARINE DEBRIS	UNKNOWN	CA	SI	PLASTIC BAG AROUND NECK, WAS OFF WHEN WE ARRIVED ON SCENE. MALNUTRITION, HYPOGLYCEMIC.	SI	P8A, P7B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	1	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	1	4	SHOOTING	CLATSOP	OR	DEAD	CLEARLY SHOT ANTERIORLY AND EXITED AT PELVIC AREA SHATTERING LEFT PELVIC BONE; INTESTINES TWISTED; LEFT KIDNEY LARGE A LITTLE SWOLLEN AND HAD CLEAR PUNCTURE WOUNDS; VARIOUS TISSUES/ORGANS HEMORRHAGED; BLOOD IN THORACIC AND ABDOMINAL CAVITIES.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	1	16	HOOK AND LINE FISHERY	ORANGE	CA	NSI	MALNUTRITION, HYPOGLYCEMIC UPON ADMISSION. FISH HOOKS IN LEFT REAR FLIPPER, RIGHT REAR FLIPPER, RIGHT UPPER LIP. TREATED AT REHAB FACILITY.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	1	19	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	SEA LION BECAME ENTANGLED IN CODEND AND NET WAS EMPTIED ON DECK. SEA LION WAS COAXED OFF OF VESSEL WITH HOSES, EXITED WITH NO APPARENT INJURY.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2013	1	26	SHOOTING	CLATSOP	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; CLEAR SHOTGUN PELLET HOLE IN MOUTH/CHEEK; 8 BROKEN RIBS ON LEFT SIDE; A 5" HOLE AND HEMORRHAGE IN LEFT MID-ABDOMINAL WALL WITH POOLED BLOOD INSIDE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	1	28	MARINE DEBRIS	LOS ANGELES	CA	SI	PACKING STRAP (NO DETAILS GIVEN BUT THIS TYPE OF INJURY IS USUALLY CONSTRICTING).	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	2	6	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	2	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	2	15	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	SEA LION FEEDING ON CATCH HAULED ON BOARD WITH NET. ANIMAL JUMPED OVERBOARD AFTER NET WAS OPENED ON DECK, NO APPARENT INJURIES.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2013	2	16	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	SEA LION FEEDING ON CATCH HAULED ON BOARD WITH NET. ANIMAL EXITED VIA TRAWL RAMP AFTER NET WAS OPENED ON DECK, NO APPARENT INJURIES.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2013	2	18	HOOK AND LINE FISHERY	UNKNOWN	CA	NSI	EMACIATED, DEHYDRATED, HYPERTHERMIC, SEIZURING, FISH HOOK LEFT FRONT FLIPPER, SMALL WOUND ON CHIN AND NOSE	NSI	P5D	0	N	N
CALIFORNIA SEA LION	U.S.	2013	2	20	SHOOTING	LOS ANGELES	WA	DEAD	THREE BULLETS RECOVERED FROM HEADLESS, DECOMPOSED ANIMAL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	2	23	GILLNET FISHERY	SAN DIEGO	CA	SI	SEVERE WOUND AROUND NECK FROM GILL NET, OTHERWISE IN GOOD CONDITION. CONSTRICTING INJURY WITHOUT INTERVENTION.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	2	23	HOOK AND LINE FISHERY	MONTEREY	CA	SI	WHITE FISHING LINE EMBEDDED AROUND NECK.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	2	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	2	27	VEHICLE COLLISION	LOS ANGELES	CA	DEAD	RECEIVED CALL FROM CIMWI VOLUNTEER WHO WORKS FOR CALTRANS. FOUND CSL APPARENTLY HIT BY VEHICLE ON PCH.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	1	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHERMAN ACCIDENTALLY HOOKED PUP ON FISHING LINE, FISHING HOOK AND LINE IN MOUTH. ANIMAL TAKEN TO VETERINARIAN FOR TREATMENT.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	3	1	HOOK AND LINE FISHERY	UNKNOWN	CA	NSI	MALNUTRITION, DEHYDRATION FISHING LINE LOOSE AROUND NECK. NOT CLEAR IF ANIMAL CONDITION IS RELATED TO FISHING LINE.	NSI	P8B	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2013	3	2	VESSEL STRIKE	CLATSOP	OR	SI	FIVE PROPELLER CUTS ALONG LEFT VENTRAL PELVIS (STARTING TO HEAL); THORACIC CAVITY FILLED WITH ROSY REDDISH PINK RUNNY FLUID; ANIMAL APPEARED THIN EXTERNALLY BUT HAD A GOOD BLUBBER LAYER.	DEAD	P15	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	12	SHOOTING	MONTEREY	CA	DEAD	TWO VENTRAL INJURIES THAT DON'T APPEAR TO BE FROM SCAVENGING. ONE IS A SMALL HOLE THAT LOOKS LIKE A GUNSHOT. SECOND IS A LARGE OPENING NEAR THE RIGHT "ARM PIT"; LOOKS TOO CLEAN AND CIRCULAR (TO BE FROM NATURAL CAUSES).	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	13	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE IN LEFT EYE BUT CAME OUT IN THE NETTING AS HE WAS COLLECTED. EMACIATED, DEHYDRATED PUP. NO DETAILS GIVEN ON FINAL OUTCOME.	SI	P7B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	13	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	3	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	15	GILLNET FISHERY	LOS ANGELES	CA	SI	GILL NET EMBEDDED AROUND NECK AND MOUTH. THIN BODY CONDITION.	SI	P1, P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	3	15	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	16	MARINE DEBRIS	LOS ANGELES	CA	DEAD	INGESTED GARBAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	16	MARINE DEBRIS	UNKNOWN	CA	SI	PLASTIC BAG AROUND ANIMALS NECK, SMALL WOUNDS ON FLIPPERS.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	17	MARINE DEBRIS	ORANGE	OR	SI	SOMETHING TIGHTLY WRAPPED AROUND NECK, PLASTIC PACKING BAND?	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	17	SHOOTING	LOS ANGELES	WA	DEAD	EXCELLENT BODY CONDITION; BULLET/SHOTGUN PELLET HOLES THROUGH SKULL WITH ASSOCIATED HEMORRHAGING.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	19	HOOK AND LINE FISHERY	VENTURA	CA	NSI	SEA LION ON BACK OF BOAT AT CHANNEL ISLANDS HARBOR MARINA WITH FISHHOOK. FISHHOOK REMOVED AND CSL RELOCATED ON 3/20/2013 TO HOBIE BEACH.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	3	19	SHOOTING	CLATSOP	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION AND BLUBBER LAYER; ANIMAL SHOT IN DORSAL BACK WITH ASSOCIATED HEMORRHAGE; LEFT KIDNEY TREMENDOUSLY HEMORRHAGED MEDIANLY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	21	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	MALNUTRITION; FISHING LINE WRAPPED AROUND TAG, NO SIGN OF BODY ENTANGLEMENT.	NSI	P8B	0	N	N
CALIFORNIA SEA LION	U.S.	2013	3	21	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	MALNUTRITION; SWOLLEN JAW; FISH HOOKS DEEPLY EMBEDDED IN LEFT FRONT FLIPPER AND LEFT SIDE OF MOUTH.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	21	SHOOTING	LOS ANGELES	WA	SI	THIN ANIMAL; SHOTGUN PELLETS FOUND IN HEAD.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	21	SHOOTING	CLATSOP	OR	DEAD	SEVERAL 0.5 CM-DIAMETER HOLES IN NECK AND BODY WITH ASSOCIATED HEMORRHAGE; TREMENDOUS HEMORRHAGE THROUGHOUT ANIMAL; MUZZLE APPEARED SWOLLEN.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	23	DOG ATTACK	ORANGE	CA	SI	SEA LION WAS ATTACKED BY A DOG ON THE BEACH AND SUSTAINED FATAL INJURY.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	25	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK RIGHT CHEEK AND RIGHT FLIPPER ALLOWING PEOPLE TO TOUCH.	SI	P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	25	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	25	SHOOTING	CLATSOP	OR	DEAD	ANIMAL WAS THIN; BULLET/SHOTGUN PELLET FRAGMENTS IN JAW MUSCLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	26	LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	SEA LION CAME UP WITH THE CATCH AND WAS DUMPED OUT IN THE TRAWL ALLEY AND THE CREW BANGED ON BASKETS AND THE SEA LION JUMPED OFF THE TRAWL RAMP AND SWAM AWAY WITHOUT TRAILING GEAR.	NSI	P4	0	N	N

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CALIFORNIA SEA LION	U.S.	2013	3	26	MARINE DEBRIS	SAN DIEGO	CA	SI	UNDERWEIGHT ANIMAL CUT LOOSE FROM POSSIBLE FISHING LINE.	SI	P7B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	27	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	EMBEDDED FISH HOOK REMOVED FROM ANIMAL.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	3	27	MARINE DEBRIS	CLATSOP	OR	SI	APPARENT PACKING BAND OR MONFILAMENT; TIGHT LIGATURE AROUND UPPER PART OF NECK.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	3	28	HOOK AND LINE FISHERY	ORANGE	CA	NSI	FISH HOOK RIGHT NOSTRIL AND LEFT FLIPPER, LOW TEMPERATURE. TREATED AT REHAB FACILITY.	NSI	P5B	0	N	N
CALIFORNIA SEA LION	U.S.	2013	3	28	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISH HOOKS IN FLIPPERS. 5 FISH HOOKS TOTAL, IN BOTH FRONT AND REAR FLIPPERS.	NSI	P5D	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	1	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	TWO FISHING HOOKS REMOVED FROM DEHYDRATED, EMACIATED PUP.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	1	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, FISH HOOK IN LIP.	SI	P1, P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	2	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK IN MOUTH AND TAR ON BODY. THIN, DEHYDRATED.	SI	P1, P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	2	HOOK AND LINE FISHERY	UNKNOWN	CA	NSI	FISH HOOKS REMOVED FROM LEFT REAR FLIPPER AND LEFT FRONT FLIPPER.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	4	DOG ATTACK	SAN DIEGO	CA	SI	DOG BITE. LIFE GUARDS REPORTED SEEING THE ANIMAL BEING BITTEN BY A DOG. LOW GLUCOSE, WOUND FRONT RIGHT FLIPPER, TAR ON FACE.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	5	GILLNET FISHERY	UNKNOWN	CA	SI	MALNUTRITION AND HYPOTHERMIC; RIGHT EAR FLAP CUT OFF FROM GILL NET; GILL NET CUT INTO SKULL AND RIGHT SIDE OF JAW; CONGESTED; COUGHING; HAS HEART MURMUR.	SI	P1, P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	4	5	HARASSMENT	ORANGE	CA	NSI	UNDERWEIGHT SEA LION REMOVED FROM BEACH AND TAKEN HOME FOR 2 DAYS BY MEMBER OF THE PUBLIC WHO CLAIMED ANIMAL WAS BITTEN BY A RACCOON WHILE STRANDED ON THE SHORELINE. ANIMAL WAS RETURNED TO THE HARBOR AND CONTROL OFFICER RETRIEVED ANIMAL. ANIMAL WAS EUTHANIZED.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	6	HOOK AND LINE FISHERY	UNKNOWN	CA	SI	MALNUTRITION; FISH HOOK FELL OUT IN TRANSIT BUT STILL A HOLE IN LIP ON RIGHT SIDE.	SI	P1, P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	THIN PUP. HOOK IN FRONT LEFT FLIPPER. FISHING HOOK IN FRONT LEFT FLIPPER WAS REMOVED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	6	SHOOTING	CLATSOP	OR	DEAD	EXCELLENT BODY CONDITION; BULLET CASING AND FRAGMENTS WITH ASSOCIATED HEMORRHAGE AT RIGHT SIDE OF HEAD; POSSIBLE BULLET FRAGMENTS IN PELVIC AREA; TREMENDOUS HEMORRHAGE IN PELVIC AND HIND FLIPPER AREAS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	7	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE INJURY AROUND NECK, LOW GLUCOSE.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	7	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISH HOOK IN RIGHT PECTORAL FLIPPER REMOVED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	8	VEHICLE COLLISION	VENTURA	CA	SI	NUMEROUS CALLS RECEIVED OF CSL ON PACIFIC COAST HIGHWAY APPARENTLY HIT BY VEHICLE. FOUND CSL ON ROAD BLEEDING FROM MOUTH AND SIDE OF HEAD SWOLLEN. DIED DURING TRANSPORT.	DEAD	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	10	HOOK AND LINE FISHERY	SAN DIEGO	CA	DEAD	FISH HOOK IN MOUTH & LEFT REAR FLIPPER.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	13	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE ENTANGLEMENT AROUND HEAD, MISSING RIGHT EAR, DISORIENTED, LETHARGIC, SUSPECT DOMOIC ACID TOXICOSIS.	SI	P7B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	15	SHOOTING	COLUMBIA	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; SHOTGUN PELLETS IN BODY WITH ASSOCIATED HOLES AND HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	16	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	16	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2013	4	16	UNIDENTIFIED FISHERY INTERACTION	TILLAMOOK	OR	SI	SEVERAL WITNESSES DESCRIBED STAINLESS STEEL TRAWLING WIRE AROUND NECK; CUTTING THROUGH BLUBBER AND MUSCLE.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	4	18	GILLNET FISHERY	LOS ANGELES	CA	SI	MALNUTRITION. GILL NET INJURY-CIRCUMFERENTIAL CUT AROUND NECK.	SI	P1	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	4	20	SHOOTING	SAN DIEGO	CA	SI	RESTRAND. MISSING RIGHT EYE. LETHARGIC, PEOPLE PETTING HIM ON BEACH. GUNSHOT WOUND TO FACE.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	21	HOOK AND LINE FISHERY	UNKNOWN	CA	SI	EMACIATED, FISH HOOK REAR FLIPPER AND ABOVE EYE.	SI	P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM, RELEASED TO SAN ONOFRE STATE BEACH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	24	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	THIN, DEHYDRATED. FISHING HOOK IN MOUTH REMOVED ON INTAKE.	NSI	P1, P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	24	VESSEL STRIKE	SAN DIEGO	CA	SI	OBVIOUS SIGNS OF TRAUMA DUE TO A PROPELLER WOUND TO ANIMALS SACRUM AND REAR FLIPPER AREAS. MULTIPLE BONES EXPOSED. EYES AND VISION ALSO APPEARED COMPROMISED.	SI	P15	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	27	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	SEA LION WAS FEEDING ON CATCH BECAME ENTANGLED IN CODEND AND WAS BROUGHT ABOARD VESSEL. DUMPED INTO TRAWL ALLEY WITH REST OF CATCH AND SPRAYED WITH DECK HOSE TO ENCOURAGE IT TO SAFELY EXIT VESSEL VIA STERN RAMP ON ITS OWN.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	27	HOOK AND LINE FISHERY	COOS	OR	SI	APPARENTLY SWALLOWED BAITED FISHING HOOKS WITH LINE ATTACHED.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	28	SHOOTING	VENTURA	CA	DEAD	POSITIVE METAL DETECTOR SCAN OF ABDOMINAL AREA.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	29	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	THIN, DEHYDRATED, FISH HOOK EMBEDDED IN LEFT REAR FLIPPER REMOVED DURING REHAB.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	30	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	4	30	SHOOTING	CLATSOP	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; SHOTGUN PELLETS AND BULLET FRAGMENTS AT HEAD AND NECK WITH ASSOCIATED HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	2	HOOK AND LINE FISHERY	SAN MATEO	CA	NSI	MALNUTRITION, HARASSED, MILDLY UNDERWEIGHT, LETHARGIC, HARASSED- CHASED BY PEOPLE.	NSI	P9	0	N	N

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CALIFORNIA SEA LION	U.S.	2013	5	6	HARASSMENT	SAN FRANCISCO	CA	NSI	HARASSED MALNUTRITION LETHARGIC, EMACIATED, HARASSED BY PEOPLE OFF DOCK INTO WATER BUT RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2013	5	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISHING HOOK IN FRONT LEFT FLIPPER OF SLIGHTLY UNDERWEIGHT ANIMAL REMOVED DURING REHAB	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	5	8	ELECTRIC SHOCK	CLATSOP	OR	DEAD	ELECTRIC SHOCK. ANIMAL HAD EXCELLENT BODY CONDITION AND BLUBBER LAYER. BOTH ANIMALS FOUND TO BE IN BODILY CONTACT WITH A BLUE ELECTRIC METAL BOX, THAT WAS ATTACHED TO THE DOCK BY A ROPE, TAPED TOGETHER, AND LYING ON THE DOCK ITSELF.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	8	ELECTRIC SHOCK	CLATSOP	OR	DEAD	ELECTRIC SHOCK. ANIMAL HAD EXCELLENT BODY CONDITION AND BLUBBER LAYER. BOTH ANIMALS FOUND TO BE IN BODILY CONTACT WITH A BLUE ELECTRIC METAL BOX, THAT WAS ATTACHED TO THE DOCK BY A ROPE, TAPED TOGETHER, AND LYING ON THE DOCK ITSELF.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	9	GILLNET FISHERY	ORANGE	CA	SI	GILLNET WOUND AROUND NECK, UNDERWEIGHT.	SI	P1, P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	5	13	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK IN LEFT SIDE OF MOUTH.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. RELEASED TO SAN ONOFRE BEACH.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2013	5	15	HOOK AND LINE FISHERY	MONTEREY	CA	SI	MALNUTRITION, TRAUMA (NECK), BLIND LETHARGIC, UNDERWEIGHT, ENTANGLEMENT SCAR, POSSIBLY BLIND.	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	16	HOOK AND LINE FISHERY	NEWPORT	CA	SI	UNDERWEIGHT ANIMAL WITH LOW GLUCOSE, FISH HOOK IN RIGHT LOWER LIP, RESTRAND.	SI	P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	17	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	18	SHOOTING	SAN DIEGO	WA	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; SUSPICIOUS BALD PATCH WITH HOLE AND ASSOC. HEMORRHAGE IN BACK; BULLET FOUND IN SIDE OF ANIMAL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	20	SHOOTING	SAN DIEGO	CA	SI	GUNSHOT WOUND THROUGH LEFT SIDE OF JAW.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	21	SHOOTING	MULTNOMAH	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; BULLET HOLES CLEARLY TRACKED THROUGH A FEW ABDOMINAL ORGANS; RIGHT VENTRICLE TISSUE DAMAGED (FROM BULLET); HEMORRHAGE IN VARIOUS AREAS OF HEAD AND BODY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	24	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	EMACIATED ANIMAL HAD FISHING LINE HANGING OUT OF MOUTH. HOOK WAS REMOVED FROM ANIMAL'S STOMACH.	DEAD	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	24	MARINE DEBRIS	CLATSOP	OR	SI	MARINE DEBRIS WRAPPED AROUND NECK.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	25	SHOOTING	CLACKAMAS	OR	DEAD	ANIMAL HAD EXCELLENT BODY CONDITION; SHOTGUN PELLETS FOUND IN ANIMAL'S SIDE; TREMENDOUS HEMORRHAGE IN VARIOUS AREAS OF HEAD AND BODY; MODERATE BLOOD IN PERICARDIUM AND THORACIC AND ABDOMINAL CAVITIES.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	29	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	EMACIATED AND DEHYDRATED ANIMAL WITH FISHING LINE AROUND NECK, VETS REMOVED AND CLEANED. ENERGETIC WHEN HANDLED BUT LETHARGIC ON BEACH.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2013	5	29	VESSEL STRIKE	SAN FRANCISCO	CA	DEAD	EYEWITNESS ACCOUNT ANIMAL WAS HIT BY A LARGE RACING SAILBOAT. BACK BROKEN IN TWO. PICKED UP CARCASS FROM BOAT.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	5	30	HOOK AND LINE FISHERY	VENTURA	CA	SI	CALL RECEIVED OF AN EMACIATED SEA LION WITH A FISH HOOK IN MOUTH IN A DRAINAGE CANAL. ANIMAL TRANSPORTED TO REHAB FACILITY.	NSI	P1, P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	5	31	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISHING LINE WOUND AROUND NECK, UNDERWEIGHT.	SI	P1, P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	6	2	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK IN LOWER MANDIBLE. TREATED AT FACILITY, STARTED FEEDING IMMEDIATELY.	NSI	P5A	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2013	6	2	HOOK AND LINE FISHERY	ORANGE	CA	SI	PACIFIC MARINE MAMMAL CENTER PICKED ANIMAL UP AND DROVE HIM TO SEAWORLD. TWO FISHING HOOKS IN MOUTH AND ONE IN THE CHEST. THIN, DEHYDRATED, LETHARGIC.	NSI	P1, P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2013	6	5	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	EMACIATED ANIMAL FOUND THAT HAD BLACK PLASTIC IN ITS STOMACH.	DEAD	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	6	8	SHOOTING	CLATSOP	OR	SI	ANIMAL HAD EXCELLENT BODY CONDITION; ANIMAL STRANDED ALIVE WITH BLOOD COMING FROM NOSE AND/OR MOUTH AND THRASHING ABOUT IN SURF; CLEAR BULLET HOLE WITH ASSOCIATED TRACK AND HEMORRHAGE THROUGH SIDE OF BODY AND SEVERAL ORGANS.	DEAD	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	6	9	HOOK AND LINE FISHERY	NEWPORT	OR	NSI	REPORTEDLY HAD A FISHING LURE STUCK IN EYE.	NSI	P5B	0	N	N
CALIFORNIA SEA LION	U.S.	2013	6	10	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	6	27	UNIDENTIFIED NET FISHERY	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL WITH HEALED ENTANGLEMENT SCAR, RESTRAND TO SBMMC, ENTANGLEMENT REMOVED DURING ORIGINAL ADMISSION TO SBMMC. TRANSFERRED TO SLO 8/1/13 FOR CONTINUED REHABILITATION.	NSI	P2	0	Y	N
CALIFORNIA SEA LION	U.S.	2013	6	27	UNIDENTIFIED POT/TRAP FISHERY	MONTEREY	CA	SI	CRAB POT (RUBBER BAND) ENTANGLEMENT AROUND NECK. SRO RESCUE.	NSI	P8A	0	Y	N
CALIFORNIA SEA LION	U.S.	2013	7	6	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	7	10	SCIENTIFIC RESEARCH	OFFSHORE	CA	SI	SEA LION MOUTH-HOOKED WITH A BAITED LONGLINE HOOK. DUE TO THE LIVELY BEHAVIOR OF ANIMAL, IT WAS DETERMINED THAT BRINGING THE ANIMAL ONBOARD THE VESSEL POSED A HAZARD OF ADDITIONAL INJURY TO BOTH ANIMAL AND CREW. LEADER WAS CUT AT THE HOOK WITH HOOK REMAINING ON ANIMAL. SEA LION ACTIVELY SWAM AWAY AFTER RELEASE.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	7	13	UNIDENTIFIED NET FISHERY	SANTA BARBARA	CA	SI	MALNUTRITION, ENTANGLEMENT. TRANSFERRED FROM SBMMC.	NSI	P1, P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2013	7	16	SHOOTING	SAN LUIS OBISPO	CA	SI	GUNSHOT, BLIND, TRAUMA(FACE), LITTLE RESPONSE TO PEOPLE APPROACHING, JAW DOES NOT CLOSE, MODERATELY UNDERWEIGHT.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	7	19	SHOOTING	SAN LUIS OBISPO	CA	DEAD	FULL UME SAMPLES COLLECTED. SHOT BY HIGH POWERED RIFLE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	7	21	SHOOTING	SANTA BARBARA	CA	SI	TRAUMA(FLIPPER), GUNSHOT, MALNUTRITION, ABSCESS, TRANSFERRED TO SLO 8/1/13 FOR CONTINUED REHABILITATION.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2013	7	31	SHOOTING	SAN DIEGO	CA	SI	APPARENT GUN SHOT ENTRY WOUND CONFIRMED WITH XRAY.	DEAD	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	7	31	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	MONOFILAMENT NET ENTANGLEMENT AROUND NECK, SRO RESCUE.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2013	8	14	SHOOTING	MONTEREY	CA	DEAD	KIDNEY AND BOWEL WERE PIERCED BY BULLET 6 TIMES.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	8	15	GILLNET FISHERY	MONTEREY	CA	DEAD	ANIMAL FOUND ON BEACH WITH DART IN RIGHT SHOULDER AND ENTANGLED IN MONOFILAMENT NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	8	19	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	9	1	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES; GOOD BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	9	5	SHOOTING	MONTEREY	CA	DEAD	MODERATELY UNDERWEIGHT, TRAUMA TO REAR FLIPPERS WITH BONE EXPOSED. PELLET SEEN IN BACK ON X-RAY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	9	13	SHOOTING	SAN FRANCISCO	CA	DEAD	PELLET SEVERING BOWEL. SMALL CIRCULAR HOLES NOTED ON THE BACK SIDE OF ANIMAL. UPON CLOSER EXAMINATION, HOLES APPEARS TO TRACK DOWN THROUGH BLUBBER. ABDOMEN OPENED TO REVEAL MULTIPLE BUCKSHOT PELLETS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	9	13	SHOOTING	CLATSOP	OR	DEAD	MASSIVE HEMORRHAGE, BULLET HOLES; OK BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	9	16	GILLNET FISHERY	ORANGE	CA	SI	UNDERWEIGHT, GILL NET WOUND AROUND NECK.	SI	P1, P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	9	16	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES HEMORRHAGE; OK BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	9	19	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES; OK BODY CONDITION.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2013	9	20	SHOOTING	CLATSOP	OR	DEAD	MASSIVE HEMORRHAGE AND BULLET HOLES BROKEN BONES; EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	9	23	SHOOTING	SAN DIEGO	CA	DEAD	MULTIPLE 2MM PELLETS IDENTIFIED IN THORACIC CAVITY, NECK, & HEAD REGIONS ON X-RAY AND GROSS EXAM. 32 PELLETS RETAINED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	9	27	SHOOTING	SAN DIEGO	CA	SI	PROPELLER WOUNDS ACROSS BACK ON DORSAL SIDE. MONOFILAMENT ENTANGLEMENT SCARS AROUND THE NECK. NECROPSY REVEALED BULLET WOUNDS. BULLETS AND BUCKSHOT.	DEAD	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	10	1	GILLNET FISHERY	UNKNOWN	CA	SI	SEVERE GILL NET ENTANGLEMENT; DEEP GILL NET LACERATION, CIRCUMFERENTIAL.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	10	4	GILLNET FISHERY	NEWPORT	CA	SI	UNDERWEIGHT, GILL NET WOUND AROUND NECK.	SI	P1, P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	10	10	SHOOTING	UNKNOWN	CA	SI	HYPOTHERMIC; THIN; PUNCTURE WOUNDS ON UPPER BACK SHOULDER AREA WITH PUS DRAINING; BULLET EMBEDDED IN TIGHT ELBOW JOINT; RESPIRATION SHALLOW.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	10	11	SHOOTING	LOS ANGELES	CA	DEAD	RADIOGRAPH REVEALED GUNSHOT EVIDENCE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	10	15	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	10	18	GILLNET FISHERY	LOS ANGELES	CA	SI	GILL NET ENTANGLEMENT AROUND SKULL AND NECK; MALNUTRITION; HYPERTHERMIC.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	10	21	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	10	31	SHOOTING	SANTA BARBARA	CA	DEAD	GUNSHOT CONFIRMED WITH X-RAYS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2013	11	1	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	11	17	MARINE DEBRIS	MONTEREY	CA	NSI	MARINE DEBRIS ENTANGLEMENT: WHITE RUBBER BAND FITTED LOOSELY AROUND NECK. DISENTANGLED AND TAGGED IN THE FIELD DURING RESCUE. GOOD BODY WEIGHT AND CONDITION.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2013	11	20	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI	THE ANIMAL HAD ONE STRAND OF MONOFILAMENT WRAPPED AROUND HIS NECK THAT HAD CREATED A ONE AND A HALF INCH DEEP LACERATION ENCIRCLING HIS NECK. THE WOUND WAS INFECTED AND ANIMAL WAS UNDERWEIGHT. THE ANIMAL HAD BEEN OBSERVED FOR SEVERAL MONTHS AND WAS EVENTUALLY DARTED AND RESCUED.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2013	11	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	11	28	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	12	3	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI	ANIMAL WITH MONOFILAMENT LINE AROUND HER NECK CREATING AN INJURY ABOUT ONE INCH DEEP ENCIRCLING HER NECK. WOUND IS INFECTED.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	12	4	GILLNET FISHERY	SAN DIEGO	CA	SI	ANIMAL HAS GILL NET AROUND ITS HEAD CREATING A ONE AND A HALF INCH WIDE AND HALF INCH DEEP WOUND ENCIRCLING THE ANIMAL'S HEAD JUST BELOW ITS EARS.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	12	5	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI	ANIMAL WITH MONOFILAMENT LINE AROUND HER NECK CREATING AN INJURY ABOUT ONE INCH DEEP ENCIRCLING HER NECK. WOUND IS INFECTED. THIS ANIMAL WAS MONITORED FOR SEVERAL WEEKS STARTING IN LATE OCTOBER. RESCUE ATTEMPT UNSUCCESSFUL.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2013	12	16	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI	ONE INCH DEEP WOUND ENCIRCLING NECK WITH MONOFILAMENT LINE. ANIMAL SLIGHTLY UNDERWEIGHT. THERE WERE TWO UNSUCCESSFUL ATTEMPTS TO CAPTURE FOR TREATMENT.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	1	3	MARINE DEBRIS	ORANGE	CA	SI	WOUND AROUND NECK FROM NET/LINE. EMACIATED, DEHYDRATED	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	1	20	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, DEHYDRATED, FISH HOOK AND LINE UNDER RIGHT FLIPPER	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	1	21	SHOOTING	SAN LUIS OBISPO	CA	SI	LETHARGIC, UNDERWEIGHT, WOUND ON LOWER BACK. BULLET FOUND DURING NECROPSY IN THE DIAPHRAGM WITH AN ENTRANCE POINT IN THE PUBIS.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2014	1	22	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, LARGE BITE WOUNDS UNDER RIGHT FRONT FLIPPER AND LEFT CHEST AREA. FOUND APPROXIMATELY 3 FEET OF FISHING LINE/NET IN ANIMALS VOMIT. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	2	9	MARINE DEBRIS	VENTURA	CA	SI	WOUND AROUND NECK FROM POSSIBLE PACKING STRAP. TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	2	24	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	2	24	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	2	24	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	2	24	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	2	24	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	2	24	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	2	24	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	3	1	UNIDENTIFIED NET FISHERY	SANTA CRUZ	CA	SI	ENTANGLEMENT WOUND AROUND NECK FROM MONOFILAMENT NET. ANIMAL SENT TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	3	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	MONOFILAMENT LINE AROUND NECK CAUSING A HALF INCH DEEP LACERATION. THIN, DEHYDRATED, SWOLLEN RIGHT FRONT FLIPPER. ANIMAL SENT TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	9	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	THIN PUP WITH FISHING LINE AROUND NECK CAUSING A HALF INCH DEEP BY FIVE INCH WIDE LACERATION ON THE VENTRAL SIDE. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	12	POWER PLANT ENTRAPMENT	LOS ANGELES	CA	DEAD	FOUND FLOATING DEAD IN WATER INTAKE SYSTEM. SCATTERGOOD GENERATING STATION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	16	HOOK AND LINE FISHERY	MONTEREY	CA	SI	GREEN MONOFILAMENT AROUND HEAD AND NECK, CUTS TO HEAD AND NECK, TREMBLING, MODERATELY UNDERWEIGHT. TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	19	VESSEL STRIKE	CLATSOP	OR	DEAD	PROPELLER WOUNDS ON FRESHLY DEAD ANIMAL UNRESPONSIVE, LABORED BREATHING, MODERATELY UNDERWEIGHT. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	20	OIL / TAR	MONTEREY	CA	SI	PROPPELLER WOUNDS ON FRESHLY DEAD ANIMAL UNRESPONSIVE, LABORED BREATHING, MODERATELY UNDERWEIGHT. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	21	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET ENTRAPMENT AROUND SKULL CUTTING INTO NECK AT LEVEL OF LARYNX; COUGHING; CONGESTION. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	3	22	SHOOTING	SAN DIEGO	CA	SI	EXTERNAL WOUNDS CONSISTENT WITH GUNSHOT. THE ANIMAL WAS RADIOGRAPHED WHICH CONFIRMED THAT HE HAD BEEN SHOT WITH A SHOT GUN AND HAD MULTIPLE BUCKSHOT IN HIS HEAD AND BACK.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	24	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET CUTTING INTO NECK AND MOUTH. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	3	25	GILLNET FISHERY	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL WITH MONOFILAMENT NET AROUND NECK AND MOUTH REMOVED, ANIMAL TRANSPORTED TO THE MARINE MAMMAL CENTER, FINAL OUTCOME UNKNOWN.	SI	P7B	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2014	3	27	OIL / TAR	SAN DIEGO	CA	SI	LETHARGIC, UNDERWEIGHT, THICK OIL COAT ON HEAD AND HINDQUARTERS, ANIMAL TAKEN INTO REHAB AND CLEANED, FINAL OUTCOME UNKNOWN.	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	3	30	HOOK AND LINE FISHERY	ORANGE	CA	SI	HOOK IN RIGHT FRONT FLIPPER	NSI	P5D	0	N	N
CALIFORNIA SEA LION	U.S.	2014	4	1	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT, HOOK THROUGH TONGUE	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	1	MARINE DEBRIS	GRAYS HARBOR	WA	SI	CONSTRICTING ENTANGLEMENT AROUND NECK, PHOTO REVIEWED, MATERIAL NOT VISIBLE.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	4	MARINE DEBRIS	SAN MATEO	CA	SI	RUBBER BELT AROUND NECK. ANIMAL TAKEN TO REHAB, OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	5	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	UNDERWEIGHT ANIMAL WITH ONE FISH HOOK UNDER RIGHT EYE, ONE IN FLIPPER. RADIOGRAPH REVEALED THIRD FISH HOOK IN STOMACH WHICH WAS REMOVED IN REHAB. FINAL OUTCOME UNKNOWN.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	6	MARINE DEBRIS	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL WITH BLACK RUBBER BELT CUTTING INTO NECK. REMOVED AT SANTA BARBARA MARINE MAMMAL CENTER. FINAL OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	6	SHOOTING	SAN DIEGO	CA	SI	UNDERWEIGHT ANIMAL MISSING BOTH EYES. RADIOGRAPH REVEALED BULLET IN HEAD.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	8	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	4	8	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	HYPERTHERMIC ANIMAL WITH HOOK IN SHOULDER. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	10	GILLNET FISHERY	SAN DIEGO	CA	SI	GILLNET WOUND AROUND NECK, ANIMAL CAPTURED AND TREATED, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	4	11	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH HOOK IN SHOULDER. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	11	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT AND CONGESTED ANIMAL WITH FISH HOOK IN RIGHT REAR FLIPPER. TREATED AT REHAB, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	12	GILLNET FISHERY	LOS ANGELES	CA	SI	CUTS AROUND NECK - GILL NET INJURY; ATAXIC; THIN; MALNUTRITION	SI	P1	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	4	12	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT AND DEHYDRATED ANIMAL WITH FISH HOOK IN LEFT REAR FLIPPER. TREATED AT REHAB, OUTCOME UNKNOWN	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	13	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	4	13	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT ANIMAL WITH HOOK ON RIGHT SIDE OF MOUTH AND FLIPPER. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	13	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	EMACIATED, DEHYDRATED, FISHING HOOK IN CHIN ON LEFT SIDE, SWOLLEN RIGHT SIDE OF NECK POSSIBLY FROM DOG BITE. ANIMAL TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	13	MARINE DEBRIS	GRAYS HARBOR	WA	SI	CONSTRICTING ENTANGLEMENT AROUND NECK, LOOKS LIKE WHITE PACKING BAND OR LARGE ZIP TIE. PHOTO REVIEWED.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	14	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	EMACIATED, FISH HOOKS IN FRONT & REAR FLIPPERS. TREATED AT REHAB, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	14	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	EMACIATED, DEHYDRATED, AND THREE PRONG FISHING HOOK ON THE FRONT EDGE OF LEFT FLIPPER WITH FISHING LINE WRAPPED TIGHTLY AROUND TIP SEVERING A PIECE OF THE FLIPPER. TREATED AT REHAB, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	15	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	15	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2014	4	15	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	15	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	15	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	15	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	16	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOK IN LEFT GUM. ANIMAL TREATED IN REHAB, OUTCOME UNKNOWN.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	16	SHOOTING	LOS ANGELES	CA	SI	GUNSHOT WOUNDS TO HEAD; PNEUMONIA; MALNUTRITION. TREATED IN REHAB, OUTCOME UNKNOWN.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	17	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, FISH HOOKS BELOW EYE AND IN FLIPPERS. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5B	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	19	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	THIN AND DEHYDRATED. FISH HOOK IN LEFT CORNER OF MOUTH. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	19	MARINE DEBRIS	SAN DIEGO	CA	SI	PLASTIC ZIPLOC BAG AROUND NECK REMOVED ON SITE. ANIMAL WAS ALERT AND OTHERWISE IN GOOD BODY CONDITION.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2014	4	20	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISH HOOK IN MOUTH	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	21	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, DEHYDRATED, FISH HOOK LEFT REAR FLIPPER. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	22	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	22	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	22	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	22	HOOK AND LINE FISHERY	ORANGE	CA	SI	LACERATION ON L FRONT FLIPPER WITH A FISH HOOK UNDERWEIGHT	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	22	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, FISH HOOK IN MOUTH LEFT EAR, LEFT REAR FLIPPER. TREATED AT REHAB, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	22	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	MALNOURISHED AND LETHARGIC ANIMAL WITH A FISH HOOK. LOCATION OF HOOK NOT DESCRIBED. HOOK FOUND IN NET AFTER RESCUE. TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	26	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	DEEP FISHING LINE CUTS AROUND SKULL; PROLAPSED AND ULCERATED RECTUM; CONGESTED. SENT TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	27	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	EMACIATED, DEHYDRATED AND 1/2 INCH DEEP CUT ALL THE WAY AROUND NECK FROM MONOFILAMENT LINE WHICH WAS REMOVED AT SEAWORLD. UNDERWEIGHT AND DEEP CUT FROM FISHING LINE. FINAL OUTCOME UNKNOWN.	SI	P1	1	N	Y

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CALIFORNIA SEA LION	U.S.	2014	4	28	OIL / TAR	MONTEREY	CA	SI	EMACIATED AND LETHARGIC ANIMAL WITH OIL/TAR ON BODY	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	28	OIL / TAR	SAN LUIS OBISPO	CA	SI	ALERT, EMACIATED, TAR PATCHES ON NECK, SMALL WOUND ON NECK. OIL/TAR EXTERNAL EXAM	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	28	SHOOTING	CLATSOP	OR	DEAD	BULLETS RETRIEVED	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	28	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES IN SKULL AND BODY	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	29	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	29	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	4	29	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	1	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	1	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	1	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	1	GILLNET FISHERY	LOS ANGELES	CA	SI	SEVERE GILL NET INJURY; MALNUTRITION.	SI	P1	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	5	1	GILLNET FISHERY	MONTEREY	CA	NSI	GOOD BODY CONDITION, MONOFILAMENT NET ENTANGLEMENT	NSI	P1	0	N	N
CALIFORNIA SEA LION	U.S.	2014	5	4	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	FISH HOOK IN LOWER LIP; SENT TO REHAB, OUTCOME UNKNOWN.	NSI	P5B	0	N	N
CALIFORNIA SEA LION	U.S.	2014	5	4	SHOOTING	GRAYS HARBOR	WA	DEAD	LARGE PELLET RECOVERED FROM SKULL, ASSOCIATED HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	7	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	MONOFILAMENT LINE AROUND SHOULDER. ANIMAL SENT TO REHAB, OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	8	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	SMALL HOOK NEAR GENITALS, UNDERWEIGHT, SLIGHTLY DEHYDRATED AND AN INJURED LEFT EYE. FISHING HOOK WAS REMOVED ON 5/8/14 UNDERWEIGHT AND INJURED LEFT EYE External Exam	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2014	5	11	MARINE DEBRIS	SAN JUAN	WA	SI	CONSTRICTING INJURY AROUND NECK, MATERIAL NOT VISIBLE IN PHOTO.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	11	SHOOTING	SAN DIEGO	CA	ALIVE	EXTREMELY LETHARGIC, SWOLLEN RIGHT EYE, WOUNDS ON RIGHT SIDE OF FACE. BULLETS FOUND IN NECROPSY.Exam and Necropsy	DEAD	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	11	SHOOTING	MONTEREY	CA	DEAD	BULLET HOLE / INJURY IN BACK	DEAD	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	18	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	FISH HOOKS IN CHEST AND NECK. RELOCATED AND RELEASED 5/18/14.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2014	5	18	MARINE DEBRIS	LOS ANGELES	CA	SI	THIN; HEALING CIRCUMFERENTIAL NECK LACERATION FROM PREVIOUS ENTANGLEMENT; DEHYDRATED.	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	18	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	19	HOOK AND LINE FISHERY	SANTA BARBARA	CA	NSI	FISH HOOKS REMOVED FROM THIN ANIMAL BY REHAB CENTER, NO DETAILS ON LOCATION OF HOOKS.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2014	5	19	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES, EXTENSIVE HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	21	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	ANIMAL WAS IN GOOD BODY CONDITION BUT HAD A FISHING GAFF PIERCING THROUGH HIS SKIN ABOVE HIS LEFT HIP.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	5	23	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	FISH HOOK IN MOUTH, REMOVED AT REHAB FACILITY, ANIMAL RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2014	5	26	ENTRAPMENT	SANTA BARBARA	CA	DEAD	DROWNED. WAS TRAPPED UNDER POOL GRATE.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2014	5	27	GILLNET FISHERY	SANTA BARBARA	CA	NSI	GILLNET AROUND NECK. NET REMOVED AND WOUND CLEANED AT REHAB FACILITY	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2014	5	27	GILLNET FISHERY	SANTA BARBARA	CA	SI	GILLNET AROUND NECK. SENT TO REHAB FACILITY. NO FURTHER DETAILS.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	5	27	GILLNET FISHERY	SANTA BARBARA	CA	SI	GILLNET AROUND NECK. SENT TO REHAB FACILITY. NO FURTHER DETAILS.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	5	27	GILLNET FISHERY	SANTA BARBARA	CA	SI	GILLNET AROUND NECK. SENT TO REHAB FACILITY. NO FURTHER DETAILS.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	5	31	GILLNET FISHERY	ORANGE	CA	SI	GILLNET INJURY, EXPOSED TRACHEAL THYROID CARTILAGE. POLICE REMOVED THE FISHING LINE FROM AROUND THE ANIMAL'S NECK. ONCE DONE THEY RELEASED THE ANIMAL.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	5	31	SHOOTING	CLACKAMAS	OR	DEAD	BULLET HOLES, HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	6	6	SHOOTING	MARIN	CA	DEAD	SMALL HOLE ABOUT RIGHT EYE SOCKET, WHICH IS ABOVE THE MAXILLA FRACTURE. SMALL CIRCULAR DIVOTS IN CHIN AND LOWER JAW AREA. NO BUCKSHOT IN HOLES AND THEY DID NOT TRACK DOWN TROUGH SUBCUTANEOUS TISSUE, WILL LOOK FOR BULLETS AND BUCKSHOT DURING PROCESSING OF SKULL. OLD BUCKSHOT HOLES IN CHIN MAXILLA IN NUMEROUS PIECES.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	6	8	HOOK AND LINE FISHERY	SANTA BARBARA	CA	NSI	LARGE FISHHOOK AND LINE, NO DETAILS, OTHER THAN ANIMAL SENT TO REHAB.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2014	6	19	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	FISH HOOK IN LEFT LIP, PNEUMONIA, GI TRACT INFECTIONS, QUARTS OF PUS REMOVED. SENT TO REHAB, FINAL OUTCOME UNKNOWN.	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	6	23	SHOOTING	PACIFIC	WA	DEAD	OBVIOUS BULLET HOLES	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	7	2	SCIENTIFIC RESEARCH	OFFSHORE	CA	SI	ADULT MALE SEA LION, 6-7 FEET IN LENGTH, APPROXIMATELY 200 LB, HOOKED DEEP IN MOUTH BY SCIENTIFIC LONGLINE. LEADER CUT APPROXIMATELY 10-INCHES FROM MOUTH. ANIMAL WAS FEISTY AND APPEARED TO BE IN GOOD CONDUCTION WHEN RELEASED.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	7	17	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	LETHARGIC ON THE BEACH, OPEN MOUTH BREATHING, DECENT BODY CONDITION. FISH HOOK IN MOUTH. RESTRAND ANIMAL FROM FORT MAC, SHAVED "408" ON RIGHT HIP FISH HOOK WITH THE LINE HANGING FROM IT IN THE THROAT, BOTH LUNGS COLLAPSED FISH HOOK WITH THE LINE HANGING FROM IT IN THE THROAT. ANIMAL SENT TO REHAB, FINAL OUTCOME UNKNOWN.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	7	23	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING HOOK EMBEDDED IN NECK WITH LINE. SENT TO REHAB, FINAL OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	7	25	GILLNET FISHERY	VENTURA	CA	SI	ANIMAL WITH NETTING AROUND NECK. REHAB, FINAL OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	7	28	HOOK AND LINE FISHERY	ORANGE	CA	SI	3 FISH HOOKS, MOUTH, FRONT AND REAR FLIPPER. ANIMAL SENT TO REHAB, FINAL OUTCOME UNKNOWN.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	8	6	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	CA	SI	A FEMALE CA SEA LION GOT CAUGHT ON A HOOK AND HAD TO HAVE THE GANGION CUT. LOCATION OF HOOK IN MOUTH NOT DETAILED.	SI	P5A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	8	9	HOOK AND LINE FISHERY	LINCOLN	OR	SI	HAULED OUT WITH A SILVER COLORED SALMON FLASHER HANGING FROM IT'S MOUTH.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	8	12	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	ONE OF TWO CA SEA LIONS TRAPPED IN TRAWL NET DURING HAUL BACK. DUMPED ON DECK, BOTH DEPARTED VESSEL UNASSISTED WITH NO APPARENT INJURIES.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2014	8	12	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	ONE OF TWO CA SEA LIONS TRAPPED IN TRAWL NET DURING HAUL BACK. DUMPED ON DECK, BOTH DEPARTED VESSEL UNASSISTED WITH NO APPARENT INJURIES.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2014	8	23	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2014	8	23	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED IN GEAR (DESCRIBED AS DEAD IN COMMENTS AND CATEGORIZED AS 'ENTANGLED IN GEAR', WHICH IS USUALLY RESERVED FOR ANIMALS RELEASED ALIVE)	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	8	26	VESSEL STRIKE	MONTEREY	CA	DEAD	PROPELLER STRIKE TO HEAD, DEEP GASH.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	1	SHOOTING	PACIFIC	WA	DEAD	BULLET HOLES, HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	2	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE COMING FROM MOUTH. MEMBERS OF PUBLIC REPORTEDLY PULLING ON LINE. HOOKS IN THROAT FOUND ON X-RAY.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	8	SHOOTING	SAN MATEO	CA	DEAD	TWO BULLET ENTRY WOUNDS ON RIGHT SHOULDER AREA.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	9	SHOOTING	MARIN	CA	DEAD	GREEN TWINE TO LEFT FRONT FLIPPER. DURING SKULL PREPARATION PROCESS, A THROUGH AND THROUGH BULLET WOUND WAS NOTED. THE APPARENT ENTRY IS BEHIND THE RIGHT EYE SOCKET. THE EXIT IS LEFT REAR LATERAL SKULL AREA.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	15	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	9	15	SHOOTING	SAN DIEGO	CA	SI	THIN AND EXTREMELY LETHARGIC, VETS LISTENED TO THE LUNGS AND THEY SOUNDED POOR. FOUND BULLETS AND YELLOWISH FLUID IN ABDOMEN X RAY.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	18	GILLNET FISHERY	LOS ANGELES	CA	SI	THIN; ACTIVE ONLY TO TOUCH; HYPOTHERMIC; HEALING OLD GILL NET INJURY; INJURY ON LEFT FRONT FLIPPER; MALNUTRITION.	SI	P1	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	9	18	SHOOTING	CURRY	OR	DEAD	MULTIPLE HEAD AND TORSO GUNSHOT WOUNDS, PELLETS COLLECTED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	18	SHOOTING	VENTURA	CA	SI	CALL RECEIVED OF POSSIBLY INJURED CSL JUST W OF HUENEME PIER. PEOPLE HARASSING IT. SWIMS OUT TO GET AWAY, BUT COMES RIGHT BACK. BY THE TIME CIMWI VOLUNTEERS ARRIVED CSL HAD MOVED TO E OF THE PIER. APPEARED TO HAVE FISHING LURE IN MOUTH. CSL THIN, LETHARGIC. RESCUED. WHATEVER WAS IN MOUTH CAME OUT DURING RESCUE. POST NOTE-CSL EXPIRED DURING INTAKE/INITIAL TREATMENT. APPEARED TO HAVE AN ABSCESS ON THE L NECK/SHOULDER AREA WHICH WAS ASPIRATED- BLOOD & CLOTS WERE OBTAINED. AREA WAS OPENED- MASSIVE AMOUNTS OF FREE FLOWING BLOOD AND CLOTS WERE FOUND. AFTER CSL'S EXPIRATION, A QUICK NECROPSY WAS DONE. FOUND SMALL POINTED PROJECTILE FROM A PELLET GUN. UNABLE TO LOCATE ENTRY POINT.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	21	SHOOTING	SAN DIEGO	CA	SI	LETHARGIC, PEOPLE WERE CHASING IT INTO THE WATER AND THEN HE WOULD IMMEDIATELY COME BACK ONTO THE BEACH. WE NOTICED HE WASN'T FOCUSING ON ANYTHING AND BOTH EYES DRIFT INWARD. FOUND BULLET FRAGMENTS IN AND AROUND EYESOCKET DURING XRAYS ON 9/24/2014.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	9	27	SHORESIDE HAKE MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED BY GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	10	3	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	10	7	SHOOTING	SAN DIEGO	CA	SI	THIN, APPEARED TO BE BLIND; ANIMAL WAS DARTED. X-RAYED, FOUND BUCKSHOT IN THE FACE AND BODY.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	10	9	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FOUR PRONGED BARBED FISHING HOOK WITH A 10" LURE ATTACHED HOOKED IN ANIMALS RT CORNER OF MOUTH. HAD MONOFILAMENT ATTACHED TO LURE	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	10	10	SHOOTING	SAN DIEGO	CA	SI	LEFT EYE APPEARS TO BE BLIND. VERY THIN/LETHARGIC DURING RESCUE. BUCKSHOT FOUND IN CRANIAL AREA DURING X-RAYS.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	10	13	MARINE DEBRIS	CLATSOP	OR	SI	CONSTRUCTING INJURY AROUND TORSO AND LOWER NECK, APPEARS TO BE ROPE. PHOTO REVIEWED.	SI	P8A	1	N	Y

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CALIFORNIA SEA LION	U.S.	2014	10	15	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	10	15	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	10	15	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	10	15	CATCH SHARES HOOK AND LINE	OFFSHORE	CA	NSI	SEAL BOMBS USED TO SCARE ANIMAL AWAY FROM CATCH. WORKED TEMPORARILY BUT ANIMAL RETURNED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2014	10	18	SHOOTING	SAN DIEGO	CA	SI	XRAYS TAKEN SHOWED BULLET TRACK. BUCK SHOT IN ABDOMEN AND 2 BULLETS IN BACK.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	10	19	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	ONE CA SEA LION WAS ENTANGLED INSIDE THE NET. THE ONE INSIDE THE NET WAS FEEDING ON THE CATCH. A SECOND CA SEA LION WAS SWIMMING BENEATH THE SURFACE. THE SEA LION STUCK IN THE NET SWAM INTO THE NET FROM THE SURFACE WHEN THE NET WAS BEING REELED BACK. THE SEA LION WAS RELEASED FROM THE NET IN THE WATER AND NEVER BOARDED THE VESSEL.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2014	10	22	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR, ONE OF THREE ANIMALS IN SINGLE TRAWL	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	10	22	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR, ONE OF THREE ANIMALS IN SINGLE TRAWL	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	10	22	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR, ONE OF THREE ANIMALS IN SINGLE TRAWL	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	10	22	HOOK AND LINE FISHERY	VENTURA	CA	SI	LINE AROUND NECK AT CHANNEL ISLANDS HARBOR MARINA. DARTED WITH TRANQUILIZER, LINE REMOVED,TRANQUILIZER REVERSED AND CSL RELEASED.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2014	10	23	SHOOTING	SAN DIEGO	CA	SI	BULLET IN SHOULDER (XRAYS TAKEN 10/24/14) BONE WAS STARTING TO FUSE NOT GIVING SUFFICIENT RANGE OF MOTION. EUTHANIZED DUE TO POOR PROGNOSIS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	10	26	GAFF INJURY	SAN DIEGO	CA	SI	ANIMAL WAS ALERT AND IN GOOD BODY CONDITION. ABILITY TO MANEUVER WAS LIMITED DUE TO A LARGE GAFF IN THE RIGHT SHOULDER WITH 5" HOOK. WE WERE ABLE TO REMOVE THE HOOK FROM THE ANIMALS SHOULDER. THE HOOK MADE 3 SEPERATE PUNCTURES. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	10	27	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED IN GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	10	27	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	GOOD BODY CONDITION, ALERT. HAD MONOFILAMENT WRAPPED AROUND NECK WITH HALF OF ITS NECK LACERATED. ANIMAL WAS DARTED. NO DETAILS ON OUTCOME.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	10	29	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED IN GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	11	3	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED IN GEAR	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	11	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM, ONE OF THREE ANIMALS IN SET	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	11	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM, ONE OF THREE ANIMALS IN SET	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	11	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM, ONE OF THREE ANIMALS IN SET	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2014	11	6	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	1	Y	Y

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CALIFORNIA SEA LION	U.S.	2014	11	12	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK LEFT SIDE OF MOUTH, WOUNDS ON ABDOMEN. TREATED AT REHAB, OUTCOME UNKNOWN.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	11	13	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	GOOD BODY CONDITION/TEARING. VERTICAL SCAR ALONG THE TRACHEA 2 INCHES LONG FISHING LINE IMBEDDED AROUND NECK EXCEPT FOR 3-4 INCHES ON VENTRAL SIDE OF NECK, SAW DISCHARGE (COULD NOT SEE FISHING LINE DUE AT TIME OF RESCUE TO BEING EMBEDDED).	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	11	19	MARINE DEBRIS	GRAYS HARBOR	WA	SI	CONSTRICTING ENTANGLEMENT AROUND NECK, MATERIAL UNKNOWN. PHOTO REVIEWED.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	11	24	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	GOOD BODY CONDITION, FISHING LINE EMBEDDED AROUND THE NECK.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	11	25	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES, HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	11	27	HOOK AND LINE FISHERY	ORANGE	CA	NSI	FISH HOOK ABOVE RIGHT EYE AND SIDE OF BODY, UNDERWEIGHT.	NSI	P5B	0	N	N
CALIFORNIA SEA LION	U.S.	2014	12	1	SHOOTING	SAN DIEGO	CA	SI	A LITTLE THIN, SWOLLEN RIGHT SHOULDER WITH OOZING WOUND. X RAYS SHOWED 3 BULLET FRAGMENTS, 2 ABOVE THE SHOULDER AND 1 AT ZYGOMATIC ARCH. UNABLE TO BE REMOVED.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	12	12	MARINE DEBRIS	MONTEREY	CA	SI	LACERATION AROUND NECK, EMACIATED.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	12	23	SHOOTING	SAN DIEGO	CA	SI	THIN, DEHYDRATED, SWOLLEN RIGHT SHOULDER. XRAYS SHOWED BULLET IN LEFT SHOULDER.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	12	24	MARINE DEBRIS	CLATSOP	OR	SI	CONSTRICTING ENTANGLEMENT AROUND NECK, UNKNOWN MATERIAL. PHOTO REVIEWED.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	12	25	SHOOTING	PACIFIC	WA	DEAD	SHOT IN HEAD, PELLET HOLES, BROKEN BONES, HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	12	25	SHOOTING	SAN DIEGO	CA	SI	THIN ADULT MALE WITH SIGNS OF TRAUMA TO HEAD AREA. BOTH EYES CLOSED, UNABLE TO OPEN. ANIMAL WAS ALSO WEAK. BLOOD SQUIRTED FROM BOTH EYES WHEN RESCUE WAS ATTEMPTED. REPORTS OF ANIMAL ROLLING IN SURFLINE FROM STONE STEPS TO MOONLIGHT BEACH. 12/26/14 XRAYS CONFIRMED GUN SHOTS TO HEAD, NECK AND SHOULDER AREA XRAYS CONFIRMED.	SI	P12	1	N	Y
CALIFORNIA SEA LION	U.S.	2014	12	30	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	FISH HOOK REMOVED FROM LEFT FRONT FLIPPER; THIN; MALNUTRITION.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	1	HOOK AND LINE FISHERY	ORANGE	CA	NSI	EMACIATED, HOOKS ON FLIPPER, WOUND ON MUZZLE. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	3	HOOK AND LINE FISHERY	MONTEREY	CA	DEAD	UNDERWEIGHT ANIMAL WITH FISHING LINE AROUND NECK.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	1	7	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	FEEDING ON CATCH THROUGH NET, SCARED OFF BY YELLING.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	7	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	FEEDING ON CATCH THROUGH NET, SCARED OFF BY YELLING.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	9	CATCH SHARES BOTTOM TRAWL	OFFSHORE	WA	NSI	CAUGHT IN TRAWL NET, DUMPED ON BACK DECK, JUMPED OVERBOARD, LOOKED UNHARMED.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	15	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	NSI	SMALL SEA LION BOARDED VESSEL AND REFUSED TO EXIT. TRANSPORTED TO SHORE WHERE IT WAS PICKED UP BY MARINE MAMMAL RESCUE TEAM.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	16	MARINE DEBRIS	LINCOLN	OR	SI	WHITE PLASTIC PACKING BAND CUTTING INTO FLESH AROUND THE NECK. THE ANIMAL HAS BEEN SIGHTED SEVERAL TIMES HAULED OUT ON PORT DOCK #1, AND IS ALERT AND ACTIVE.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	1	16	SHOOTING	SAN JOAQUIN	CA	SI	EUTHANIZED IN REHAB. BULLET / PELLET RECOVERED POSTMORTEM. ANIMAL ALSO HAD 'FANBELT' AROUND NECK WHEN FIRST ENCOUNTERED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	1	17	VEHICLE COLLISION	VENTURA	CA	DEAD	DIED AT SITE	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	1	18	MARINE DEBRIS	GRAYS HARBOR	WA	SI	ANIMAL WITH WHITE PACKING BAND TIGHTLY AROUND NECK.	SI	P8A	1	N	Y

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CALIFORNIA SEA LION	U.S.	2015	1	20	SHOOTING	PACIFIC	WA	DEAD	SHOTGUN PELLET HOLES/MARKS IN LEFT NECK AND HEAD; ROBUST BODY CONDITION; LEFT INTRAORBITAL AREA FRAGMENTED WITH ASSOCIATED HEMORRHAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	1	24	HOOK AND LINE FISHERY	VENTURA	CA	SI	ANIMAL FOUND WITH LINE AROUND NECK, TAKEN TO REHAB FACILITY. OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	1	24	OIL / TAR	SAN LUIS OBISPO	CA	SI	MODERATELY UNDERWEIGHT, WOUND ON BACK OF HEAD, DISORIENTED. TAR ON BELLY. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	25	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, DEHYDRATED, MUSCLE EDEMA ON MUZZLE, FISH HOOK RIGHT SIDE OF MOUTH AND RIGHT FLIPPER. TREATED AT REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	26	GILLNET FISHERY	MONTEREY	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN MONOFILAMENT NETTING AROUND NECK. TREATED IN REHAB AND RELEASED.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2015	1	27	DOG ATTACK	SAN LUIS OBISPO	CA	SI	PUBLIC WITNESSED EMACIATED ANIMAL BEING BITTEN BY DOG. TRANSFERRED TO REHAB, TREATED AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	1	29	GILLNET FISHERY	SAN DIEGO	CA	SI	GILLNET AROUND NECK. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2015	1	30	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	SEA LION DUMPED OUT OF NET ON DECK. JUMPED OVERBOARD WITHOUT APPARENT INJURIES.	NSI	P4	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	1	HOOK AND LINE FISHERY	ORANGE	CA	NSI	UNDERWEIGHT ANIMAL WITH FISH HOOK IN LEFT FOREFLIPPER. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	1	OIL / TAR	SAN MATEO	CA	SI	LETHARGIC, EMACIATED, TAR ON RIGHT CHEST. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	2	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT; HYPERTHERMIC; FISH HOOK IN ESOPHAGUS; FISH LINE IN MOUTH. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	2	MARINE DEBRIS	VENTURA	CA	SI	ANIMAL DISENTANGLED FROM UNREPORTED MATERIAL IN SITU.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	4	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED, TAR ALL OVER UNDERSIDE OF BODY. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	5	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	UNDERWEIGHT AND EMACIATED PUP. FISHING HOOK IN TONGUE. TREATED AT REHAB FACILITY AND RELEASED. ASSUMED DEPENDENT ANIMAL RELEASED ALONE.	SI	P14	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	5	VESSEL STRIKE	SAN DIEGO	CA	SI	PROPELLER WOUNDS FROM THE MIDDLE OF THE BACK EXTENDING TO THE REAR FLIPPERS AND AROUND MAJORITY OF TORSO. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	6	MARINE DEBRIS	SANTA CRUZ	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNDESCRIBED MARINE DEBRIS. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	8	HOOK AND LINE FISHERY	ORANGE	CA	NSI	UNDERWEIGHT ANIMAL WITH FISH HOOK IN LEFT REAR FLIPPER. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	8	MARINE DEBRIS	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNDESCRIBED MARINE DEBRIS. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	8	MARINE DEBRIS	CLATSOP	OR	SI	APPEARS TO HAVE A HEALING NECK WOUND FROM A PREVIOUS ENTANGLEMENT, BLOOD AROUND THE WOUND APPEARS TO BE A ROSY PINK. PSU15-02-08A-ENT-ZC	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	8	MARINE DEBRIS	CLATSOP	OR	SI	APPEARS TO BE A SINGLE BAND TYPE OF ENTANGLEMENT AROUND THE NECK AREA, ENTANGLEMENT APPEARS TO BE RELATIVELY DEEP BUT CAN'T SEE ACTUAL FLESH OR BLOOD AROUND THE WOUND IN THE PHOTOS.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	9	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISHING HOOK THROUGH THE SKIN ABOUT THE LEFT FRONT FLIPPER. TREATED / RELEASED FROM REHAB FACILITY.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	9	HOOK AND LINE FISHERY	ORANGE	CA	SI	TAR ON NECK, FISH HOOK IN LIP, UNDERWEIGHT. ANIMAL TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	9	MARINE DEBRIS	SANTA CRUZ	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNDESCRIBED MARINE DEBRIS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2015	2	9	SHOOTING	GRAYS HARBOR	OR	DEAD	MUMMIFIED CARCASS WITH SKULL EXPOSED, CAN SEE BULLET ENTRY AND EXIT DAMAGE TO SKULL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	10	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET ENTANGLEMENT WOUND AROUND NECK, EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	2	10	MARINE DEBRIS	ORANGE	CA	SI	2 INCH WIDE RUBBER BAND AROUND NECK OF UNDERWEIGHT ANIMAL. TREATED AT REHAB AND RELEASED.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	11	MARINE DEBRIS	SANTA CRUZ	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNDESCRIBED MARINE DEBRIS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	11	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED, TAR PATCHES ON CHIN AND CHEST. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	11	SHOOTING	SAN FRANCISCO	CA	DEAD	HOLE CONSISTENT WITH SHOOTING / TRACKING WOUND FOUND ON DECOMPOSING ANIMAL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	13	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED. SMALL PATCH OF TAR ON RIGHT HIP. EUTHANIZED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	14	GILLNET FISHERY	SAN LUIS OBISPO	CA	SI	GREEN MONOFILAMENT NETTING AROUND NECK WITH MULTIPLE KNOTS AND FREE EXPOSED DANGLING LINES, WOUND SUPERFICIAL CUTTING INTO SUBCUTANEOUS TISSUE ONLY, SMALL TAR PATCH ON RIGHT HIP AREA, MODERATELY UNDERWEIGHT. TREATED IN REHAB AND RELEASED.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2015	2	14	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK IN THROAT. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	15	HOOK AND LINE FISHERY	ORANGE	CA	SI	MULTIPLE FISH HOOKS ON BODY RIGHT FRONT FLIPPER, UNDER RIGHT EYE, LEFT SHOULDER AND RIGHT LOWER LIP. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	16	HOOK AND LINE FISHERY	MONTEREY	CA	DEAD	FISHING LINE AROUND NECK.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	17	MARINE DEBRIS	SONOMA	CA	SI	ENTANGLEMENT SCAR AROUND NECK, PREVIOUS TAG HOLES IN BOTH FRONT FLIPPERS BUT NO TAG PRESENT. MODERATELY UNDERWEIGHT. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	18	GILLNET FISHERY	MONTEREY	CA	SI	UNDERWEIGHT LETHARGIC ANIMAL ENTANGLED IN MONOFILAMENT NETTING. DIED IN REHAB.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	2	18	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISH HOOK IN MOUTH WITH ABOUT 4 INCHES OF MONOFILAMENT LINE. NARRATIVE INDICATED THAT REHAB FACILITY REMOVED LINE, BUT DID NOT MENTION HOOK. ASSUMED THAT HOOK REMAINS IN MOUTH POST-RELEASE. EMACIATED MALNURISHED PUP WITH MUCUS ON RIGHT EYE.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	18	HOOK AND LINE FISHERY	SANTA CRUZ	CA	DEAD	CARCASS FOUND WITH MONOFILAMENT LINE. DETAILS LACKING.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	19	HOOK AND LINE FISHERY	ORANGE	CA	NSI	FISH HOOKS INDICATED ON LEFT AND RIGHT FLIPPERS. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	19	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISHING HOOKS IN LEFT FLIPPER PIT AND RIGHT FRONT FLIPPER. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	19	HOOK AND LINE FISHERY	ORANGE	CA	NSI	UNDERWEIGHT, FISH HOOK LEFT REAR FLIPPER. DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	19	HOOK AND LINE FISHERY	VENTURA	CA	SI	ANIMAL ENTANGLED IN MONOFILAMENT LINE. TREATED AT REHAB FACILITY.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	20	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK REMOVED FROM MOUTH. EMACIATED MALNURISHED PUP, ASSUMED DEPENDENT ANIMAL RELEASED ALONE AFTER TREATMENT AT REHAB FACILITY.	SI	P14	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	21	DOG ATTACK	LOS ANGELES	CA	DEAD	DOG BITES ON NECK. LOOKS LIKE ANIMAL HAD BEEN SHAKEN.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	21	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH HOOK IN MOUTH. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	21	UNIDENTIFIED HUMAN INTERACTION	MENDOCINO	CA	DEAD	HEAD WAS REMOVED FOR UNKNOWN REASON.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	23	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED, TAR PATCH ON RIGHT FRONT FLIPPER DORSAL SIDE. DIED AT REHAB FACILITY.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	2	24	GILLNET FISHERY	SAN LUIS OBISPO	CA	SI	LETHARGIC, MONOFILAMENT NETTING CUTTING INTO NECK, MODERATELY UNDERWEIGHT, RIGHT EYE CLOUDY. ANIMAL DIED IN REHAB.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	2	25	OIL / TAR	LOS ANGELES	CA	SI	UNDERWEIGHT AND HYPOTHERMIC ANIMAL WITH TAR ON FACE AND BODY ABOVE SHOULDER. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	25	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED, COUGHING, MULTIPLE TAR PATCHES DORSAL SIDE. DIED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	25	OIL / TAR	SAN LUIS OBISPO	CA	SI	UNDERWEIGHT, LETHARGIC, OILED ANIMAL. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	25	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL WITH TAR ON FLIPPER AND SHOULDER EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	25	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED ANIMAL WITH PNEUMONIA, TAR ON RIGHT FRONT FLIPPER AND SHOULDER. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	25	VESSEL STRIKE	ORANGE	CA	SI	UNDERWEIGHT, LARGE LACERATIONS ON LOWER BACK CONSISTENT WITH PROPELLER INJURY. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	26	OIL / TAR	SAN LUIS OBISPO	CA	SI	COUGHING, EMACIATED, TAR ON CHEST AND MUZZLE. TREATED AND RELEASED FROM REHAB.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	2	26	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED, TAR PATCH ON RIGHT DORSAL 3X5 CM. EUTHANIZED AT REHAB CENTER.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	27	GILLNET FISHERY	CLATSOP	OR	SI	ODFW CONFIRMED ENTANGLEMENT AND IS CURRENTLY MONITORING THE ANIMAL. THERE APPEARS TO BE A SMALL SECTION OF GILL NET WRAPPED AROUND THE SEA LIONS FACE. ONE SQUARE OF GILL NET IS TIGHT WRAPPED AROUND THE FACE AND RUNS DOWN THE MIDDLE OF THE LEFT EYE, CAUSING THE LEFT EYE TO STAY CLOSED. THE LINE IS ORIENTATED BETWEEN THE EAR AND EAR ON THE RIGHT SIDE. NO BLOOD OR OPEN WOUND FROM ENTANGLEMENT NOTED.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	2	27	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT PUP WITH TAR PATCHES ON DORSUM. TREATED AND RELEASED FROM REHAB. ASSUMED DEPENDENT ANIMAL RELEASED ALONE.	SI	P14	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	27	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED. TAR PATCH ON LEFT SHOULDER. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	27	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED. TAR PATCHES ON BOTH FRONT FLIPPERS AND BACK. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	28	OIL / TAR	SAN FRANCISCO	CA	SI	UNDERWEIGHT, LETHARGIC, OILED ANIMAL. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	28	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED. TAR ON MUZZLE, CHIN, LEFT HIND FLIPPER, AND LEFT HIP. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	2	28	VEHICLE COLLISION	SAN DIEGO	CA	DEAD	DIED AT SITE	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	1	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED. TAR PATCH ON RIGHT HIP AND CAUDAL ABDOMEN. TREATED AT REHAB FACILITY. FINAL OUTCOME UNKNOWN.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	1	SHOOTING	CLATSOP	OR	DEAD	EXCELLENT BODY CONDITION; SUBSTANTIAL AMOUNT OF BLOODY FLUID IN THORACIC CAVITY; TREMENDOUS HEMORRHAGE ASSOCIATED WITH HOLES/TRACKS/DAMAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	2	OIL / TAR	SAN MATEO	CA	SI	UNDERWEIGHT, LETHARGIC, OILED ANIMAL. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	2	VEHICLE COLLISION	ORANGE	CA	SI	ANIMAL WAS FOUND ON TRAIN TRACKS NEAR TRAIN STATION, COMATOSE, JAW BROKEN BLOOD COMING FROM MOUTH. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	7	HOOK AND LINE FISHERY	MONTEREY	CA	NSI	ANIMAL WITH FISH HOOK IN CHEST THAT FELL OUT WHEN RESCUED. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	7	OIL / TAR	SAN LUIS OBISPO	CA	SI	TAR ON DORSAL PART OF BODY. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2015	3	8	HOOK AND LINE FISHERY	ORANGE	CA	SI	EMACIATED, DEHYDRATED, 2 TREBLE HOOKS IN MOUTH, 1 LARGE HOOK REAR FLIPPER, FISHING LINE. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	3	8	MARINE DEBRIS	CLATSOP	OR	SI	SIGHTED IN THE EAST MOORING BASIN WITH A THIN WHITE LINE/ROPE AROUND THE NECK AREA. POSSIBLY 1/16-1/8" LINE. PHOTOS SHOWS LINE IS CONSTRICTING NECK.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	8	UNIDENTIFIED FISHERY INTERACTION	SAN MATEO	CA	DEAD	GREEN TWINE ENTANGLEMENT.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	3	8	UNIDENTIFIED HUMAN INTERACTION	LOS ANGELES	CA	SI	PUNCTURE WOUNDS ON JAW AND APPARENT 'BRANDING' WOUND. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	9	MARINE DEBRIS	DEL NORTE	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNKNOWN MATERIAL. DIED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	10	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	HYPERTHERMIA. LESIONS ON ALL FLIPPERS; 3 FISH HOOKS EMBEDDED. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	3	14	GILLNET FISHERY	MONTEREY	CA	SI	ANIMAL ENTANGLED IN MONOFILAMENT NETTING. ANIMAL WAS DARTED FOR CAPTURE AND TRANSFER TO REHAB, BUT DROWNED BEFORE CAPTURE.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	3	14	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	2 FISH HOOKS EMBEDDED; HYPERTHERMIC; DEEP LACERATION UNDER CHIN; PARASITISM. DIED IN REHAB FACILITY, NO DETAILS ON SEVERITY OF HOOK PLACEMENT.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	14	UNIDENTIFIED FISHERY INTERACTION	SANTA CRUZ	CA	SI	UNDERWEIGHT ANIMAL WITH ENTANGLEMENT SCAR ON NECK DIED IN REHAB.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	3	16	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	UNDERWEIGHT AND DEHYDRATED. FISH HOOK IN FRONT UPPER LEFT LIP. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	3	17	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	UNDERWEIGHT AND LETHARGIC. HOOK IN RIGHT SIDE OF MOUTH. DIAGONAL NECK WOUND ACROSS THROAT. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	3	17	OIL / TAR	SAN DIEGO	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. TREATED IN REHAB, RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	3	17	OIL / TAR	SAN DIEGO	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	17	SHOOTING	SAN DIEGO	CA	SI	ANIMAL EUTHANIZED. FIVE RUBBER BULLETS FOUND DURING SURGERY. ONLY ABLE TO REMOVE THREE AS BRAIN WAS EXPOSED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	18	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK IN LEFT SIDE OF MOUTH. ANIMAL HAVING SEIZURES. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	18	HOOK AND LINE FISHERY	MONTEREY	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED AT BASE OF NECK IN FISHING LINE. TREATED IN REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	18	HOOK AND LINE FISHERY	MONTEREY	CA	SI	ANIMAL WITH FISHING LINE AND HOOKS DIED IN REHAB FACILITY. DETAILS ON HOOK PLACEMENT NOT PROVIDED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	19	HOOK AND LINE FISHERY	ORANGE	CA	NSI	UNDERWEIGHT ANIMAL WITH FISH HOOKS IN RIGHT FLIPPER. EUTHANIZED AT REHAB FACILITY DUE TO OTHER SYMPTOMS INCLUDING PNEUMONOPATHY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	19	OIL / TAR	SAN DIEGO	CA	SI	UNDERWEIGHT, LETHARGIC. TAR BENEATH THE LEFT FLIPPER AND ON THE LEFT FLIPPER. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	3	20	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOK AND LEAD WEIGHT IN MOUTH. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	3	22	GILLNET FISHERY	MONTEREY	CA	SI	UNDERWEIGHT LETHARGIC ANIMAL ENTANGLED IN MONOFILAMENT NETTING. DIED IN REHAB.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	3	22	HOOK AND LINE FISHERY	ORANGE	CA	DEAD	FISH HOOKS BY NOSTRIL. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	22	HOOK AND LINE FISHERY	ORANGE	CA	SI	HOOK AND MONOFILAMENT IN ESOPHAGUS. EUTHANIZED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	23	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH A FISH HOOK IN THE FACE. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y

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CALIFORNIA SEA LION	U.S.	2015	3	23	OIL / TAR	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH OIL PARTICLES AND SIGNIFICANT BIOCHEMICAL ABNORMALITIES; ANEMIA. ANIMAL FOUND ON FREEWAY. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	25	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	EMACIATED ANIMAL WITH FISHING HOOK IN LEFT FLIPPER. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	25	HOOK AND LINE FISHERY	MONTEREY	CA	SI	HOOKS BETWEEN EYES, FISHING LINE AROUND CHEST.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	25	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI	ENTANGLED IN 'CRAB POTS'; DIED IN REHAB FACILITY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	3	26	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT NETTING. DIED IN REHAB FACILITY. DETAILS NOT PROVIDED.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	3	27	OIL / TAR	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH SEIZURES WITH TAR ON FLANK AND SHOULDER. EUTHANIZED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	28	SHOOTING	CLATSOP	OR	DEAD	EVIDENCE COLLECTED FROM PELVIS; ENTRANCE AND EXIT HOLE AND TRACK IN NECK; LEFT SIDE OF SNOUT CUT OFF (PROPELLER?); MODERATE AMOUNT OF BLOODY FLUID IN THORACIC AND ABDOMINAL CAVITIES; ANIMAL HAD EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	30	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	FISHING LINE ATTACHED TO FLIPPER AND MOUTH. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	3	30	OIL / TAR	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH TAR ON FLIPPERS. DIED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	1	OIL / TAR	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH SEIZURES WITH TAR ON FLIPPERS. EUTHANIZED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	2	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK IN LEFT REAR FLIPPER. UNDERWEIGHT ANIMAL TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	2	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK IN MOUTH AND IN REAR LEFT FLIPPER. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	3	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOKS FOUND IN LOWER RIGHT SIDE OF JAW (1), RIGHT FRONT FLIPPER (1), LEFT SHOULDER (2), AND TWO REMOVED FROM STOMACH. TAR ON LEFT SHOULDER AND NEAR RIGHT EAR. DIED IN REHAB FACILITY	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	3	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	UNDERWEIGHT ANIMAL WITH FISH HOOK IN LOWER LEFT JAW. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	4	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	HYPERTHERMIC, 2 FISH HOOKS IN LEFT REAR FLIPPER. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	4	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	UNDERWEIGHT ANIMAL WITH FISHING LINE AROUND MOUTH AREA. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P8B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	4	SHOOTING	CLATSOP	OR	DEAD	TWO PENETRATING HOLES IN THE THORACIC AND ABDOMINAL CAVITIES WITH ASSOCIATED HEMORRHAGE; OTHER AREAS OF HEMORRHAGE IN HEAD AND BODY; INTESTINES TIGHTLY TWISTED; ANIMAL HAD EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	5	GILLNET FISHERY	MONTEREY	CA	SI	MONOFILAMENT NETTING ENTANGLEMENT. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	4	5	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	LETHARGIC ANIMAL WITH HOOK IN LEFT FOREFLIPPER. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	5	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISHING LINE AND HOOKS, LOCATION NOT GIVEN. EUTHANIZED IN REHAB FACILITY. NECROPSY INDICATED ULCERATIVE GASTROPATHY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	5	SHOOTING	CLATSOP	OR	DEAD	SKULL DAMAGE INCLUDED BULLET TRACK THROUGH EYE ORBITS & OTHER BONE DAMAGE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	UNDERWEIGHT AND DEHYDRATED. ANIMAL HAD HOOK IN MOUTH WHEN PICKED UP. ANIMAL REMOVED IT EN ROUTE TO SEAWORLD SAN DIEGO. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	6	SHOOTING	SAN DIEGO	CA	SI	GUNSHOT PELLETS FOUND POSTMORTEM. ANIMAL EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	4	7	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	7	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	7	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	7	GILLNET FISHERY	MONTEREY	CA	SI	MONOFILAMENT NETTING, INJURY DETAILS NOT PROVIDED, ASSUMED SERIOUS INJURY. ANIMAL TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	4	7	HOOK AND LINE FISHERY	CLATSOP	OR	SI	RED FISHING LURE HANGING FROM THE LEFT CORNER OF THE LOWER JAW. PHOTO SHOWS HOOKS ARE LIKELY INSIDE LEFT CORNER OF MOUTH.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	7	HOOK AND LINE FISHERY	MONTEREY	CA	SI	DIED IN REHAB FACILITY. HOOK, FISHING LURE, AND LINE FOUND.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	8	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	8	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	8	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	8	HOOK AND LINE FISHERY	MONTEREY	CA	SI	FISH HOOKS, DETAILS NOT GIVEN. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	8	HOOK AND LINE FISHERY	SAN LUIS OBISPO	CA	SI	HOOK IN CHEST WITH LINE. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	8	OIL / TAR	SAN LUIS OBISPO	CA	SI	EMACIATED, CONGESTED AND COUGHING, TAR PATCHES ON BACK. BAD LOCATION- POPULAR DOG BEACH. EUTHANIZED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	11	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOKS IN MOUTH. DIED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	11	HOOK AND LINE FISHERY	MONTEREY	CA	SI	FISHING LURE, HOOK AND LINE ENTANGLEMENT. DIED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	12	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT ANIMAL WITH FISH HOOKS IN MOUTH. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	12	HOOK AND LINE FISHERY	MONTEREY	CA	SI	ANIMAL WITH UNSPECIFIED FISH HOOK INJURIES DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	13	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	CONSTRICTING AND LACERATED FISHING LINE INJURIES AROUND NECK. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	14	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	16	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL WITH TAR / OIL. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	17	HOOK AND LINE FISHERY	ORANGE	CA	NSI	UNDERWEIGHT ANIMAL WITH FISH HOOK IN LEFT SHOULDER. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	18	HOOK AND LINE FISHERY	ORANGE	CA	SI	EMACIATED ANIMAL WITH FISH HOOKS IN ABDOMEN AND ABCESS IN RIGHT JAW. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	18	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	FISH HOOK IN FLIPPER. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	4	20	GILLNET FISHERY	SANTA CRUZ	CA	SI	ANIMAL ENTANGLED IN MONOFILAMENT NETTING DIED IN REHAB.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	4	20	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	SEAWORLD TEAM DISENTAGLED ANIMAL AND CUT OFF MONOFILAMENT FROM AROUND HEAD AND MOUTH. ANIMAL WAS AN EXCELLENT WEIGHT AND AGGRESSIVE. IT WAS RELEASED ON SITE AFTER MONOFILAMENT HAD BEEN REMOVED.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	20	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	HEALTHY, AGGRESSIVE ANIMAL WITH FISHING HOOK PIERCING BELOW BOTTOM JAW. HOOK REMOVED AND ANIMAL RELEASED ON SITE.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	20	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING LINE COMING OUT OF MOUTH. EUTHANIZED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	21	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	21	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	21	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	21	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	22	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	22	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	FISH HOOKS, DETAILS NOT GIVEN. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	23	GILLNET FISHERY	MONTEREY	CA	SI	MONOFILAMENT NETTING. INJURY DETAILS NOT PROVIDED, ASSUMED SERIOUS INJURY. ANIMAL TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	4	23	GILLNET FISHERY	MONTEREY	CA	SI	NECK ENTANGLEMENT IN MONOFILAMENT NETTING. DIED IN REHAB FACILITY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	4	23	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISHING HOOK IN LEFT FRONT FLIPPER, VENTRAL SIDE. PUSHED THROUGH AND CUT OFF, RELEASED FROM REHAB FACILITY. SLIGHTLY UNDERWEIGHT.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	25	SHOOTING	MONTEREY	CA	SI	GUNSHOT PELLET FOUND IN HEAD POSTMORTEM. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	27	SHOOTING	CLARK	WA	DEAD	TWO SUSPICIOUS HOLES WITH ASSOCIATED TREMENDOUS HEMORRHAGE; HEMORRHAGE IN HEAD; ANIMAL HAD EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	28	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	28	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	4	28	HOOK AND LINE FISHERY	VENTURA	CA	SI	UNDERWEIGHT ANIMAL WITH FISHING LINE IN MOUTH. TREATED AT REHAB FACILITY.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	4	28	VESSEL STRIKE	KING	WA	SI	SEVERE, DEEP AND OPEN PROPELLER INJURY (LACERATION) EXTENDING DOWN NECK TO BASE OF RIGHT FRONT FLIPPER.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	1	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING LINE EMBEDDED IN HEALED NECK WOUND. EUTHANIZED IN REHAB FACILITY. DEHYDRATION AND PARASITISM NOTED.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	5	3	MARINE DEBRIS	LINCOLN	OR	SI	ADULT MALE CALIFORNIA SEA LION HAULED OUT ON PORT DOCK 1 WITH A PLASTIC PACKING BAND AROUND THE NECK, CUTTING INTO FLESH VENTRALLY.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	4	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING WIRE AROUND NECK; LESIONS ON ALL FLIPPERS; THIN; CONGESTION; RESPIRATION LABORED. EUTHANIZED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	5	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	ANIMAL WITH UNSPECIFIED FISH HOOK INJURIES DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	5	MARINE DEBRIS	LINCOLN	OR	SI	ADULT MALE CALIFORNIA SEA LION HAULED OUT ON PORT DOCK 1 WITH A PLASTIC PACKING BAND OR FISHING LINE WRAPPED VERY TIGHTLY AROUND THE NECK. VERY ACTIVE AND COMING AND GOING FROM THE SITE.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	5	UNIDENTIFIED HUMAN INTERACTION	LOS ANGELES	CA	SI	LONG LINEAR LACERATION, LEFT REAR FLIPPER. UNDERWEIGHT ANIMAL TAKEN TO REHAB FACILITY, TREATED AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	6	GILLNET FISHERY	COLUMBIA	OR	DEAD	GILL NET IN MOUTH AND THROAT; EVIDENCE IN NECK; ASPHYXIATION AND PULMONARY ASPIRATION CAUSED BY INGESTION OF GILL NET AND AMERICAN SHAD THAT WAS LODGED IN THROAT; TREMENDOUS HEMORRHAGE AND CLOTTING IN NECK.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	5	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISHING HOOK AND LINE IN LEFT FRONT FLIPPER NEAR BEND OF FLIPPER ON VENTRAL SIDE. REMOVED ON SITE, BUT HAD PUSS POCKET. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	7	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE IN MOUTH. TWO HOOKS SEEN, ONLY ONE WAS FOUND. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	7	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	HOOK REMOVED FROM LEFT SIDE OF MUZZLE. HAD A LARGE LURE REMOVED BY VETERINARIAN. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	8	OIL / TAR	SAN DIEGO	CA	SI	UNDERWEIGHT ANIMAL WITH TAR / OIL AND FISHING LINE ON FUR. RASPY COUGH. TREATED IN REHAB AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	8	SHOOTING	CLATSOP	OR	DEAD	EVIDENCE FOUND IN BODY; HEMORRHAGE AND TISSUE DAMAGE LOCATED IN VARIOUS AREAS OF THE BODY; ANIMAL HAD EXCELLENT BODY CONDITION. NOAA ENFORCEMENT CASE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	9	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING HOOKS IN MOUTH. HOOKS REMOVED AT REHAB FACILITY, TREATED AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	9	OIL / TAR	MARIN	CA	SI	APPROACHING PEOPLE, MODERATELY UNDERWEIGHT. TAR PATCHES ON VENTRUM AND DORSUM. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	13	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	13	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	13	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	13	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	13	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	5	13	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	13	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	13	SHOOTING	SAN DIEGO	CA	SI	ABCESS ON LEFT SIDE, SUSPECTED GUNSHOT/PUNCTURE BLEEDING WOUND ON LEFT SHOULDER. DEHYDRATED, LETHARGIC. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	14	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	14	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	14	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	16	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT NETTING. DIED IN REHAB FACILITY. DETAILS NOT PROVIDED.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	5	16	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	UNDERWEIGHT ANIMAL WITH TWO FISH HOOKS IN THE HEAD. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	18	GILLNET FISHERY	SANTA BARBARA	CA	SI	ANIMAL ENTANGLED IN MONOFILAMENT NETTING, DIED IN REHAB.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	5	18	HARASSMENT	SANTA CRUZ	CA	SI	UNDERWEIGHT ANIMAL WITH PNEUMONIA HARASSED BY THE PUBLIC. TRANSFERRED TO PUBLIC DISPLAY FACILITY.	CAPTIVITY	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	19	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	19	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	19	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	19	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	19	MARINE DEBRIS	LOS ANGELES	CA	SI	EMACIATED ANIMAL HAD CIRCUMFERENTIAL CONSTRICTING NECK WOUND FROM STRAPPING MATERIAL. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	19	SHOOTING	COWLITZ	WA	DEAD	EVIDENCE FOUND IN SKULL. NOAA ENFORCEMENT CASE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	20	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	5	20	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	20	AUTHORIZED REMOVAL	COLUMBIA RIVER	WA	ALIVE	REMOVAL OF ANIMAL PREYING ON ENDANGERED SALMON IN COLUMBIA RIVER. AUTHORIZED UNDER MMPA SECTION 120. ANIMAL KILLED BY LETHAL INJECTION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	20	MARINE DEBRIS	MARIN	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNDESCRIBED MARINE DEBRIS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	21	OIL / TAR	SANTA BARBARA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. 26-50% EXTERNAL OIL SEEN. HEAD, HIND AND FRONT FLIPPERS, VENTRUM, THROAT, MOUTH OILED. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	22	GILLNET FISHERY	SAN DIEGO	CA	SI	CONSTRICTING MONOFILAMENT GILLNET INJURY AROUND NECK. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2015	5	22	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT, MILD DEHYDRATION, 1 CENTIMETER WOUND ON LEFT FLIPPER. OIL ON MUZZLE. 2-25% EXTERNAL OILING SEEN. OIL ON VENTRAL THORAX, ABDOMEN, FRONT FLIPPERS. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	22	OIL / TAR	VENTURA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. 2-25% EXTERNAL OILING SEEN. OIL ON PELAGE ON CHIN. OIL PRESENT ON CHIN, ABDOMEN, DORSAL SURFACE OF BOTH FRONT FLIPPERS, BOTH REAR FLIPPERS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	22	OIL / TAR	VENTURA	CA	SI	EMACIATED, LETHARGIC. APPROX. 10% OIL/TAR ON BODY. TRANSPORTED TO OWCN FIELD TRIAGE. FINAL OUTCOME UNKNOWN.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	22	UNIDENTIFIED HUMAN INTERACTION	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH LACERATIONS ON LEFT SIDE OF BODY; SEVERAL CUTS TO LEFT FOREFLIPPER; CITIZEN APPLIED TISSUE GLUE TO WOUNDS TRAPPING DEBRIS. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	23	MARINE DEBRIS	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNDESCRIBED MARINE DEBRIS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	23	OIL / TAR	VENTURA	CA	SI	ANIMAL TREATED AND RELEASED FROM REHAB. 2-25% EXTERNAL OILING SEEN. OPEN LESIONS ON FIRST DIGIT ON RIGHT FRONT FLIPPER AND RECTUM. MODERATE DEHYDRATION. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	23	OIL / TAR	SANTA BARBARA	CA	SI	MILD DEHYDRATION. 2-25% EXTERNAL OILING SEEN. OIL ON FUR ALONG FLIPPERS, CHEST, VESTRUM, ABOVE LEFT EYE, AND LEFT SIDE OF FACE. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	23	OIL / TAR	SANTA BARBARA	CA	SI	26-50% EXTERNAL OILING SEEN. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. OIL AND BLOOD SAMPLES WERE TAKEN ACCORDING TO NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND OILED WILDLIFE CARE NETWORK OIL SPILL RESPONSE PROTOCOLS. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	23	OIL / TAR	SANTA BARBARA	CA	SI	OIL ON BODY, STRONG PETROLEUM ODOR. TRANSPORTED TO OWCN FIELD TRIAGE. FINAL OUTCOME UNKNOWN.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	23	OIL / TAR	VENTURA	CA	SI	VERY THIN CSL WITH OIL ON BODY. TRANSPORTED TO OWCN FIELD TRIAGE. FINAL OUTCOME UNKNOWN.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	23	OIL / TAR	SAN LUIS OBISPO	CA	SI	UNDERWEIGHT ANIMAL WITH A LOT OF TAR ON ABDOMEN. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	5	23	UNIDENTIFIED HUMAN INTERACTION	VENTURA	CA	SI	ANIMAL FOUND WITH SPEAR IN SIDE, TRANSFERRED TO REHAB. FINAL OUTCOME UNKNOWN.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	24	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK IN MOUTH. TREATED IN REHAB FACILITY AND RELEASED. ANIMAL RESTRANDED IN MONTEREY IN NOVEMBER, UNDERWEIGHT. CONSIDERED SERIOUS INJURY DESPITE REHAB EFFORTS DUE TO ANIMAL CONDITION.	SI	P1	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	24	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	HYPOTHERMIC; COMATOSE; FISHING LINE DOWN THROAT; UNDERWEIGHT ANIMAL. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	24	OIL / TAR	SANTA BARBARA	CA	SI	MODERATE DEHYDRATION. 2-25% EXTERNAL OILING SEEN. ANIMAL PICKED UP AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	24	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT, MILD DEHYDRATION. 26-50% EXTERNAL OILING SEEN. SUPERFICIAL OIL COVERING OF FLIPPERS, VENTRUM, HEAD, THROAT. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. TREATED AT REHAB FACILITY AND RELEASED WITH SATELLITE TRANSMITTER. FINAL OUTCOME UNKNOWN, NO ADDITIONAL DETAILS ON SATELLITE TRACKING RESULTS.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	24	OIL / TAR	VENTURA	CA	SI	THIN, MODERATE DEHYDRATION. 2-25% EXTERNAL OILING SEEN. OIL ON VENTRAL THORAX, ABDOMEN, AND LEADING EDGE OF FORE AND HIND FLIPPERS. ANIMAL COLLECTED AS PART OF THE REFUGIO BEACH OIL SPILL RESPONSE. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	24	SHOOTING	UNKNOWN	OR	DEAD	EVIDENCE COLLECTED FROM SKULL. NOAA ENFORCEMENT CASE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	25	HOOK AND LINE FISHERY	ORANGE	CA	SI	EMACIATED ANIMAL WITH FISH HOOKS IN MOUTH. EUTHANIZED IN REHAB FACILITY.	DEAD	PSA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	25	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL WITH MULTIPLE FISH HOOK INJURIES, DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	25	OIL / TAR	SANTA BARBARA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. TREATED IN REHAB, RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	25	OIL / TAR	SANTA BARBARA	CA	SI	TREATED AND RELEASED FROM REHAB. MILD DEHYDRATION. LESS THAN 2% EXTERNAL OILING SEEN. SUPERFICIAL OIL SHEEN ON VENTRUM AND FLIPPERS. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	25	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT AND DEHYDRATED. LESS THAN 2% EXTERNAL OILING SEEN. OIL ON RIGHT FRONT FLIPPER. SCANT SHEEN ON HIND FLIPPERS AND RIGHT VENTRAL CERVICAL AREA. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	25	OIL / TAR	SANTA BARBARA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. 26-50% EXTERNAL OILING SEEN. OIL SPOTS ON LEFT HOP, VENTRUM, MUZZLE, HEAD, VENTRAL NECK, FRONT FLIPPERS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	26	SPEARING	VENTURA	CA	SI	SEA LION HAD A 2 FOOT SPEAR ON HIS LEFT MIDSECTION SIDE, STICKING OUT OF HIM. IT WAS REMOVED ON SITE. LACERATION SIZE IS 6 INCHES TO 8 INCHES LONG AND 5 INCHES WIDE. EUTHANIZED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	26	SHOOTING	PACIFIC	WA	DEAD	EVIDENCE IN BODY W/ASSOC. HEMORRHAGE; BLOOD FROM NOSE AND LEFT EYE; TREMENDOUS HEMORRHAGE IN HEAD AND BODY; RIGHT LUNG HEMORRHAGED WITH POSSIBLE TRACK/HOLE; RIGHT PLEURAL CAVITY FILLED WITH BLOOD; ANIMAL HAD EXCELLENT BODY CONDITION. NOAA ENFORCEMENT CASE.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	5	27	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	PUP HAD TWO FISHING HOOKS IN MOUTH WITH MONOFILAMENT. ONE HOOK IN EACH SIDE OF THE MOUTH. TREATED IN REHAB FACILITY AND RELEASED. TREATED AS SERIOUS INJURY BECAUSE ANIMAL MAY BE A DEPENDENT PUP RELEASED ALONE.	SI	P14	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	27	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL. FISH HOOK FOUND IN STOMACH. ULCERATIVE GASTRITIS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	27	OIL / TAR	SANTA BARBARA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. TREATED IN REHAB, RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	27	OIL / TAR	SANTA BARBARA	CA	SI	1 CENTIMETER LACERATION OVER RIGHT HIP. ANIMAL WAS COLLECTED AS PART OF THE REFUGIO BEACH OIL SPILL RESPONSE. HAD 51-75% EXTERNAL OILING SEEN. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	27	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT, MILD DEHYDRATION. 51-75% EXTERNAL OILING SEEN. OIL AROUND EYES AND NOSE, ALL FLIPPERS, ENTIRE VENTRAL SIDE. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. TREATED AT REHAB AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	27	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT. 26-50% EXTERNAL OILING SEEN. OIL SEEN AROUND MUZZLE AND EYES. OIL SHEEN ON FLIPPERS AND DORSAL BODY. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	28	OIL / TAR	SANTA BARBARA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	28	OIL / TAR	SANTA BARBARA	CA	SI	ANIMAL TREATED AND RELEASED FROM REHAB FACILITY. DIARRHEA. OIL IN BETWEEN VIBRISSAE. LESS THAN 2% EXTERNAL OILING SEEN. ANIMAL COLLECTED AS PART OF THE REFUGIO BEACH OIL SPILL RESPONSE.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	28	OIL / TAR	SANTA BARBARA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. LESS THAN 2% EXTERNAL OILING SEEN. UNDERWEIGHT ANIMAL TREATED AND RELEASED FROM REHAB.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	28	OIL / TAR	VENTURA	CA	SI	ANIMAL DESCRIBED AS 'OILED' BROUGHT TO REHAB FACILITY. OUTCOME UNKNOWN.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	29	OIL / TAR	SANTA BARBARA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. TREATED IN REHAB, RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	29	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT. ANIMAL GOT OUT OF TRANSPORT CARRIER AND FELL OFF TRUCK. 2-25% EXTERNAL OILING SEEN ON HEAD AND ABDOMEN. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	30	OIL / TAR	VENTURA	CA	SI	2-25% EXTERNAL OILING SEEN ON MUZZLE, RIGHT LATERAL ABDOMEN, RIGHT SHOULDER, HEAD AND NECK. THIN AND DEHYDRATED. OPEN LESION ON LEFT MANDIBLE, NEXT TO THIRD POSTERIOR CANINE. DIED IN REHAB FACILITY. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	30	OIL / TAR	SANTA BARBARA	CA	SI	DIED IN REHAB FACILITY. ANIMAL COLLECTED AS PART OF THE REFUGIO BEACH OIL SPILL RESPONSE. 2-25% EXTERNAL OILING SEEN ON REAR END, HIND FLIPPERS, LEFT SCAPULA, AND NEAR EYES.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	30	OIL / TAR	VENTURA	CA	SI	ANIMAL DIED IN REHAB FACILITY. ANIMAL WAS PICKED UP ALIVE FROM THE OIL SPILL ZONE. 5% EXTERNAL OILING SEEN ON LEFT LATERAL CAUDAL. EMACIATED. SUPERFICIAL ABRASIONS ON VENTRAL SIDE OF ALL FLIPPERS. DEHYDRATED. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	31	OIL / TAR	SANTA BARBARA	CA	SI	2-25% EXTERNAL OILING NOTED. TREATED IN REHAB, RELEASED	NSI	P9	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	5	31	OIL / TAR	SANTA BARBARA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN ON LEFT TARSAS, HIND FLIPPER AND TAIL, RIGHT FLIPPER AXILLARY. TREATED IN REHAB, RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	5	31	OIL / TAR	VENTURA	CA	SI	MILDLY DEHYDRATED, THIN. LESION ON MIDDLE OF TONGUE AND UNDER LEFT EYE. LESS THAN 2% EXTERNAL OILING SEEN ON RIGHT HIP, RIGHT SIDE AND ON CHEST. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	5	31	OIL / TAR	SANTA BARBARA	CA	SI	MODERATELY DEHYDRATED. RIGHT FRONT FLIPPER SWOLLEN. LESS THAN 2% EXTERNAL OILING SEEN ON SNOUT, NECK, VENTRAL THORAX, AROUND EYES, AND CHEST. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	1	OIL / TAR	VENTURA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. LESS THAN 2% EXTERNAL OILING PREVIOUSLY SEEN NEAR BASE OF TAIL. UPON INTAKE, NO OIL WAS VISIBLE. ANIMAL WAS THIN AND MILDLY DEHYDRATED. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	1	OIL / TAR	SANTA BARBARA	CA	SI	ANIMAL COLLECTED AS PART OF THE REFUGIO BEACH OIL SPILL RESPONSE. LESS THAN 2% EXTERNAL OILING SEEN ON REAR END. THIN AND SLIGHTLY DEHYDRATED. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	2	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT, DEHYDRATED. LESS THAN 2% EXTERNAL OILING SEEN IN PATCHES ON DORSAL, AND SURFACE OF VENTRUM. SPOTS ON LEFT MUZZLE AND VENTRAL BODY. MILD FORE-FLIPPER PATCHES ON DORSAL SIDE. ANIMAL WAS COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	3	OIL / TAR	SANTA BARBARA	CA	SI	2-25% EXTERNAL OILING NOTED. TREATED IN REHAB AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	3	OIL / TAR	LOS ANGELES	CA	DEAD	LESS THAN 2% EXTERNAL OILING SEEN. DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	4	MARINE DEBRIS	LINCOLN	OR	SI	ROPE WAS SEEN WRAPPED AROUND ANIMAL'S BODY FOR SEVERAL HOURS BEFORE IT MANAGED TO FREE ITSELF, PHOTO IN HMSC ARCHIVE	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	5	HOOK AND LINE FISHERY	MONTEREY	CA	SI	UNDERWEIGHT ANIMAL WITH NECK ENTANGLEMENT IN FISHING LINE. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	5	OIL / TAR	VENTURA	CA	SI	UNDERWEIGHT. LESS THAN 2% EXTERNAL OILING SEEN ON LEFT SHOULDER. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	5	SHOOTING	PACIFIC	WA	DEAD	EVIDENCE FOUND IN HEAD; THE HEART AND SOME AREAS OF THE BODY HEMORRHAGED; THE ANIMAL HAD EXCELLENT BODY CONDITION. NOAA ENFORCEMENT CASE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	6	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN GEAR OR MATERIAL OF UNKNOWN TYPE, TREATED AT REHAB FACILITY.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2015	6	7	OIL / TAR	SANTA BARBARA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. LESS THAN 2% EXTERNAL OILING SEEN ON LEFT NECK AND VENTRUM (MID THORAX). OIL AND BLOOD SAMPLES WERE TAKEN. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	8	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	HAULED ABOARD DEAD IN NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	6	11	SHOOTING	SANTA BARBARA	CA	SI	EUTHANIZED IN REHAB. BULLET RECOVERED POSTMORTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	12	OIL / TAR	VENTURA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. TREATED IN REHAB, RELEASED	NSI	P9	0	N	N

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CALIFORNIA SEA LION	U.S.	2015	6	13	OIL / TAR	VENTURA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. TREATED IN REHAB, RELEASED	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	14	OIL / TAR	VENTURA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. LESS THAN 2% EXTERNAL OILING SEEN ON RIGHT SHOULDER. ANIMAL HAD MULTIPLE SEIZURES ON THE BEACH BEFORE AND DURING RESCUE. 2 FULL BODY SEIZURES, ABOUT 1 MINUTE LONG EACH, FOLLOWED BY SEVERAL SHORTER SEIZURES. ON ARRIVAL TO FACILITY, TWITCHING FOLLOWED BY GRAND MAL SEIZURE (FACIAL TWITCHING, JACK SMACKING, FLIPPER FLAPPING). SEIZURES STOPPED AFTER FIVE MINUTES. SEIZURE ACTIVITY RESUMED LATER ON IN THE NIGHT AND AGAIN THE NEXT MORNING. ANIMAL EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	14	OIL / TAR	SANTA BARBARA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. LESS THAN 2% EXTERNAL OILING SEEN AROUND LEFT HIP AND LEFT CERVICAL REGION. MILD DEHYDRATION. MILD SWOLLEN VULVA. ANIMAL EUTHANIZED AT REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	14	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT, DEHYDRATED, DIARRHEA. LESS THAN 2% EXTERNAL OILING SEEN ON LEFT SHOULDER. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	14	OIL / TAR	SANTA BARBARA	CA	SI	UNDERWEIGHT, DEHYDRATED. LESS THAN 2% EXTERNAL OILING SEEN ON RIGHT HIP. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL REPOSE. RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	14	OIL / TAR	VENTURA	CA	SI	UNDERWEIGHT. LESS THAN 2% EXTERNAL OILING SEEN ON RIGHT SHOULDER, RIGHT AXILLARY, AND LEFT NECK. ANIMAL COLLECTED AS PART OF THE REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	16	HOOK AND LINE FISHERY	ORANGE	CA	SI	HOOK IN MOUTH. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	16	OIL / TAR	SANTA BARBARA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN. DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	16	OIL / TAR	VENTURA	CA	SI	ANIMAL DIED IN REHAB FACILITY. EMACIATED. LACERATIONS ON FLIPPERS. LESS THAN 2% EXTERNAL SUSPECT OILING SEEN ON RIGHT LATERAL ELBOW. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	17	HARASSMENT	ORANGE	CA	SI	PUBLIC PICKING UP APPROX. 1 WEEK OLD PUP. TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P14	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	17	SHOOTING	SAN LUIS OBISPO	CA	SI	ANIMAL HAD MULTIPLE INJURIES (ENTANGLEMENT, VESSEL STRIKE, GUNSHOT). EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	18	HOOK AND LINE FISHERY	SAN DIEGO	CA	DEAD	RESTRICTIVE ENTANGLEMENT OF MONOFILAMENT LINE AROUND NECK LACERATED BLUBBER AND MUSCLE, DOWN TO TRACHEA. LINE LIKELY LACERATED MAJOR ARTERY, WHICH WOULD HAVE CAUSED BLOOD LOSS AND DEATH.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	18	HOOK AND LINE FISHERY	MONTEREY	CA	SI	MODERATELY UNDERWEIGHT, TREBLE HOOK AND LURE IN REAR FLIPPER. TRANSFERRED TO PUBLIC DISPLAY FACILITY AFTER REHAB.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	18	SHOOTING	LINCOLN	OR	SI	GUNSHOT WOUND TO HEAD. NO FURTHER DETAILS.	SI	P9	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	18	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	HAULED ABOARD DEAD IN NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	6	19	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	HAULED ABOARD DEAD IN NET.	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
CALIFORNIA SEA LION	U.S.	2015	6	22	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING HOOK STUCK IN MOUTH. ACTIVE, ALERT, LOOSE STOOLS, FAIR BODY CONDITION. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	6	22	OIL / TAR	VENTURA	CA	SI	SWOLLEN LEFT FLIPPER. LESS THAN 2% EXTERNAL OILING SEEN. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL WAS PICKED UP ALIVE FROM THE OIL SPILL ZONE. DIED IN CARE AT FORT MACARTHUR.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	23	SHOOTING	UNKNOWN	OR	DEAD	EVIDENCE FROM BODY W/ASSOC. TRACKING WOUNDS AND TRAUMA; EXTENSIVE HEMORRHAGE IN HEAD AND BODY. ANIMAL HAD EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	24	HOOK AND LINE FISHERY	ORANGE	CA	SI	EMACIATED, DEHYDRATED, FISH HOOK REAR FLIPPER. EUTHANIZED IN REHAB FACILITY. NECROPSY NOTED GASTROPATHY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	28	GILLNET FISHERY	MONTEREY	CA	SI	CLEAR MONOFILAMENT NETTING TANGLED AROUND NECK. ANIMAL TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	6	28	MARINE DEBRIS	MONTEREY	CA	DEAD	FOUND IN TRASHBAG.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	6	29	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	REMOVED FISHING LINE FROM AROUND NECK; 1 CM DEEP CHRONIC WOUND OVER SHOULDER JOINTS BILATERALLY; HYPERTHERMIC; UNDERWEIGHT. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	7	5	GILLNET FISHERY	ORANGE	CA	SI	GILL NET TIGHTLY AROUND NECK, EMACIATED, DEHYDRATED, NECK WOUND. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	7	8	SCIENTIFIC RESEARCH	VENTURA	CA	DEAD	A DEAD CALIFORNIA SEA LION WAS DISCOVERED DURING HAUL BACK IN A PELAGIC LONGLINE. THE ANIMAL WAS FOUL-HOOKED IN ITS BACK THROUGH ITS FUR AND SKIN. THIS TAKE OCCURRED DURING AN EXPERIMENTAL SET (BLUE SHARK SURVIVAL STUDY). THE APPROXIMATE DEPTH OF THE LINE WAS 60 M.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	7	9	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	HOOK FOUND PERFORATING ESOPHAGUS ON NECROPSY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	7	9	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	SI	DIED DURING TRANSPORT TO REHAB. DETAILS ON NATURE OF FISHERY-RELATED INJURY NOT PROVIDED.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	7	9	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	HAULED ABOARD DEAD IN NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	7	10	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	SELF-REPORTED DROWNING OF SEA LION IN GROUND FISH NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	7	10	SHOOTING	PACIFIC	WA	DEAD	SUSPECTED SHOOTING. HOLES WITH ASSOCIATED TREMENDOUS HEMORRHAGE IN BODY; AREAS OF BLACK TISSUE (FROM LEAD?); AT LEAST TWO SHATTERED RIBS AT STERNUM W/ASSOCIATED TISSUE. DAMAGE AND HEMORRHAGE; HEART AND LUNG HEMORRHAGED; ANIMAL HAD EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	7	14	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK IN MOUTH. ANIMAL EUTHANIZED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	7	15	UNIDENTIFIED HUMAN INTERACTION	MONTEREY	CA	DEAD	YELLOW WAX MARKINGS ON DORSAL SURFACE. TMMC RESCUE TEAM SAID ANIMAL WAS ALERT AND ACTIVE AND THEN SUDDENLY SEIZED AND DIED ON THE BEACH. THE ANIMAL WAS PICKED UP LESS THAN 24 HOURS LATER. ANIMAL WAS FRESH BUT MISSING EYES AND HAD A SMALL HOLE UNDERNEATH THE FRONT LEFT FLIPPER.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	7	17	UNIDENTIFIED HUMAN INTERACTION	SAN LUIS OBISPO	CA	SI	TRAUMA TO MOUTH. SUSPECTED SEAL BOMB OR OTHER BLUNT FORCE TRAUMA. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	7	25	UNIDENTIFIED FISHERY INTERACTION	SAN MATEO	CA	SI	BROKEN JAW, SUSPECTED SEAL BOMB INJURY. ANIMAL DIED IN REHAB.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	7	27	MARINE DEBRIS	LINCOLN	OR	SI	PLASTIC PACKING BAND TIGHTLY WRAPPED AROUND NECK; CUTTING INTO FLESH; PUS EVIDENT.	SI	P8A	1	N	Y

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CALIFORNIA SEA LION	U.S.	2015	7	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	HAULED ABOARD DEAD IN NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	8	1	HOOK AND LINE FISHERY	SAN DIEGO	CA	DEAD	MONOFILAMENT LINE AROUND BOTH FRONT FLIPPERS.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	8	2	UNIDENTIFIED FISHERY INTERACTION	SAN FRANCISCO	CA	DEAD	THIS ANIMAL WAS ENTANGLED AND PULLED UP DEAD ON A FISHING BOAT.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	8	3	GILLNET FISHERY	MONTEREY	CA	SI	LETHARGIC ANIMAL ENTANGLED IN MONOFILAMENT NETTING AROUND NECK AND FLIPPERS. DIED IN REHAB FACILITY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	8	7	HOOK AND LINE FISHERY	SAN FRANCISCO	CA	SI	APPARENT DEEP MONOFILAMENT WOUND ON NECK. RESCUE EFFORT FAILED.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	8	9	GILLNET FISHERY	MONTEREY	CA	SI	NECK ENTANGLEMENT IN MONOFILAMENT NETTING. SENT TO REHAB FACILITY, UNKNOWN OUTCOME.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	8	13	SHOOTING	PACIFIC	WA	DEAD	MULTIPLE HOLES WITH ASSOCIATED HEMORRHAGE IN BODY AND POSTERIOR HEAD; PART OF LEFT SKULL "BLOWN AWAY"; NECK TREMENDOUSLY HEMORRHAGED.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	8	13	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	HAULED ABOARD DEAD IN NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	8	19	SHOOTING	MARIN	CA	DEAD	BULLET HOLES IN CHEST.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	8	20	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	SELF-REPORTED DROWNING OF SEA LION IN GROUND FISH NET.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	8	23	MARINE DEBRIS	GRAYS HARBOR	WA	SI	PACKING BAND OR FISHING LINE CUTTING DEEPLY INTO NECK OF ANIMAL.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	8	25	DOG ATTACK	HUMBOLDT	CA	SI	DOG BITES ON BACK AND STOMACH. TREATED IN REHAB AND RELEASED.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	8	29	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOK IN ESOPHAGUS. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	9	5	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	ANIMAL HAD FISHING LINE CUTTING INTO ITS NECK. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P8A	0	N	N
CALIFORNIA SEA LION	U.S.	2015	9	5	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	MONOFILAMENT AROUND NECK, NOT CUTTING INTO ANIMAL. TREATED IN REHAB AND RELEASED.	NSI	P8B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	9	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE IN MOUTH. TREATED AT REHAB FACILITY AND RELEASED. NO DETAILS ON WHETHER HOOKS WERE PRESENT AND/OR REMOVED. ASSUMED SERIOUS INJURY BECAUSE OF PROBABLE GEAR INGESTION.	SI	P2	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	9	13	SHOOTING	CLATSOP	OR	DEAD	HOLES, HEMORRHAGE, AND OTHER TRAUMA CONSISTENT WITH SHOOTING.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	9	14	SCIENTIFIC RESEARCH	OFFSHORE	CA	NSI	THE SALMON OCEAN ECOLOGY TEAM WAS REVIEWING GO-PRO FOOTAGE FROM THEIR TRAWL ON 9/14/2015 AND NOTICED A SEA LION ACTIVELY SWIMMING IN AND OUT OF THE TRAWL INTERMEDIATE SECTION THROUGH THE MOUTH OF THE NET, AND THEN EVENTUALLY LEAVING THE NET THROUGH THE EXCLUDER. THE ANIMAL SEEMED TO BE COMPLETELY UNINJURED BY THE INTERACTION.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	9	17	MARINE DEBRIS	LINCOLN	OR	SI	ANIMAL WITH DEEP CONSTRICTING NECK ENTANGLEMENT OOZING FLUID; ENTANGLING MATERIAL UNKNOWN.	SI	P8A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	9	20	SCIENTIFIC RESEARCH	OFFSHORE	CA	SI	SEA LION WAS DISCOVERED TO BE HOOKED IN THE MOUTH DURING RETRIEVAL OF THE LONGLINE AT 0949. IT WAS RELEASED IN GOOD CONDITION - SWAM AWAY LIVELY AND ENERGETIC. DETAILS LACKING ON WHETHER HOOK WAS REMOVED OR FELL OUT. ASSUMED SERIOUS INJURY BECAUSE OF HOOK REMAINING IN MOUTH.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	9	21	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	HOOK AND LINE HANGING FROM RIGHT SIDE OF MOUTH. SWOLLEN JAW. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY FOLLOWING REHAB.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	9	21	MARINE DEBRIS	CLATSOP	WA	SI	CONSTRICTING NECK WOUND WHICH APPEARS TO BE FAIRLY DEEP AND OOZING FLUID, BASED ON REVIEW OF PHOTOS.	SI	P8A	1	N	Y

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CALIFORNIA SEA LION	U.S.	2015	9	25	GILLNET FISHERY	MONTEREY	CA	SI	NYLON NETTING ENTANGLEMENT AROUND NECK. TRANSFERRED TO REHAB FACILITY. OUTCOME UNKNOWN.	SI	P8A	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	9	25	MARINE DEBRIS	MARIN	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN UNDESCRIBED MARINE DEBRIS. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	9	26	SHOOTING	MARIN	CA	DEAD	BULLET FOUND IN SKULL POSTMORTEM.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	9	29	SHOOTING	CLARK	WA	DEAD	OBVIOUS BULLET/PELLET HOLES IN NECK AND HEAD WITH ASSOCIATED TRAUMA; THE SEA LION HAD VERY GOOD BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	10	3	SHOOTING	SAN DIEGO	CA	SI	EMACIATED, LETHARGIC. TWO PUNCTURE WOUNDS ON LEFT SHOULDER WITH PUS. MULTIPLE GUNSHOT WOUNDS AND BULLETS FOUND IN XRAY ON 10/6/15.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	10	14	SHOOTING	CLATSOP	OR	DEAD	CLEARLY SHOT IN HEAD; LEFT MANDIBLE BROKEN IN HALF; MUCH OF SKULL EXPOSED; UPPER LEFT CANINE AND POSSIBLY OTHER TEETH REMOVED BY UNKNOWN PERSON; POSSIBLE SMALLER SHARK BITE AT LEFT VENTRAL PELVIS; THE SEA LION HAD VERY GOOD BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	10	26	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISH HOOK WITH LINE (WIRE) THROUGH JAW SLIGHTLY THIN, LOWER RIGHT GUM SWOLLEN FROM FISH HOOK. REPORT INDICATES A 'RESTRANDED' ANIMAL. TREATED AT REHAB FACILITY AND RELEASED, FINAL OUTCOME TREATED AS SERIOUS INJURY DUE TO LACK OF DETAIL.	SI	P5A	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	10	28	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT ANIMAL ENTANGLED IN FISHING LINE. TRANSFERRED TO PUBLIC DISPLAY FACILITY.	CAPTIVITY	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	11	4	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	LARGE FISHING LURE HANGING FROM RIGHT SIDE OF NOSE. REMOVED LURE AND RELEASED ANIMAL IN SITU. GOOD CONDITION OTHERWISE.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	11	5	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	ANIMAL SWALLOWED HOOK / LURE. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	11	6	SHOOTING	MONTEREY	CA	DEAD	PHOTOS OF ENTRY AND EXIT WOUNDS IN HEAD AND BODY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	11	8	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WRAPPED IN FISHING LINE. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	11	11	HOOK AND LINE FISHERY	ORANGE	CA	NSI	EMACIATED AND DEHYDRATED WITH FISH HOOK IN LEFT FOREFLIPPER. TRANSFERRED TO PUBLIC DISPLAY FACILITY.	CAPTIVITY	P5C	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	11	13	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT WRAPPED TIGHTLY AROUND JAW. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	11	17	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET LACERATION AROUND NECK. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P7B	0	Y	N
CALIFORNIA SEA LION	U.S.	2015	11	17	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE AROUND NECK. TREATED IN REHAB AND RELEASED.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	11	20	SHOOTING	PACIFIC	WA	DEAD	A SINGLE CUT WAS MADE BY UNKNOWN PERSON(S) ALONG ENTIRE DORSAL MIDLINE; CLEAR BULLET/PELLET TRACK WITH CLOTTING ON SPLEEN; OTHER EVIDENCE HOLES AND TRACKS WITH ASSOCIATED HEMORRHAGE IN BODY; ANIMAL HAD EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	11	23	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	YEARLING WITH SINGLE WRAP OF FISHING LINE AROUND NECK. NOT TIGHT, REMOVED. OTHERWISE GOOD CONDITION, UNDERWEIGHT.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	11	24	OIL / TAR	MONTEREY	CA	SI	FOUND IN TUCK POSITION ON BEACH, LETHARGIC AND EMACIATED. TAR PATCH 6 CM X1 CM ON BACK BETWEEN SHOULDER BLADES. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	11	29	MARINE DEBRIS	ORANGE	CA	SI	PLASTIC BAG HANDLE AROUND EMACIATED ANIMAL'S NECK. OUTCOME UNKNOWN, TREATED CONSERVATIVELY AS SERIOUS INJURY BECAUSE OF LOCATION OF ENTANGLEMENT, WITH CAPACITY TO BE CONSTRICTING.	SI	P8A	1	N	Y

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CALIFORNIA SEA LION	U.S.	2015	11	30	GILLNET FISHERY	LOS ANGELES	CA	SI	GILL NECK INJURY AROUND NECK, UNDERWEIGHT, COUGHING. DIED AT REHAB FACILITY.	DEAD	NA	1	Y	Y
CALIFORNIA SEA LION	U.S.	2015	12	5	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	HOOK IN LOWER RIGHT CHIN; HOOK IN RIGHT REAR FLIPPER; LOOSE LINE ON ANIMAL AND AROUND TAG; UNDERWEIGHT. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	12	7	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	CONGESTED; THIN; MULTIPLE HOOKS IN MOUTH WITH SINKER. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	12	8	SHOOTING	SAN DIEGO	CA	SI	ONE ANIMAL DISTURBED DURING RESCUE ON DOCK. ANIMAL WAS DARTED WITH APPROVAL FROM NATIONAL MARINE FISHERIES SERVICE. FISHING LINE STRAPPED AROUND HEAD VERTICALLY. FISHING LINE WRAPPED BEHIND EYES ON SKULL, LEFT EYE BULGING OUT OF SOCKET, POSSIBLY A HOOK CAUGHT IN EYE. ONE BULLET FOUND DURING XRAYS ON 12/9/15 LODGED IN BACK OF THROAT. REMOVED. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N
CALIFORNIA SEA LION	U.S.	2015	12	10	MARINE DEBRIS	MONTEREY	CA	SI	UNDERWEIGHT ANIMAL WITH ENTANGLEMENT SCAR ON NECK DIED IN REHAB.	DEAD	NA	1	N	Y
CALIFORNIA SEA LION	U.S.	2015	12	15	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	EMACIATED; ULCERS ON TONGUE AND GUMS; LOST TOOTH LOWER LEFT JAW; HOOK PRESENT ON FRONT LEFT AXILLARY REGION OF LEFT FRONT FLIPPER. TREATED IN REHAB AND RELEASED.	NSI	P5C	0	N	N
CALIFORNIA SEA LION	U.S.	2015	12	17	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	MONOFILAMENT LINE AROUND NECK. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	12	20	HOOK AND LINE FISHERY	MONTEREY	CA	SI	UNDERWEIGHT ANIMAL WITH FISHING LINE AROUND NECK. TREATED IN REHAB AND RELEASED.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	12	21	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH MONOFILAMENT LINE AROUND NECK. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P7B	0	N	N
CALIFORNIA SEA LION	U.S.	2015	12	30	HOOK AND LINE FISHERY	ORANGE	CA	SI	TWO FISH HOOKS AND GILLNET AROUND NECK. TREATED AT REHAB AND RELEASED.	NSI	P7B	0	N	N
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	1	11	GILLNET FISHERY	SAN DIEGO	CA	DEAD	NET AND ROPE IMPRESSIONS AROUND HEAD, JAWS, AND PEDUNCLE.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	4	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	4	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	4	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	7	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	4	10	MARINE DEBRIS	SAN DIEGO	CA	DEAD	CHEETOS BAG LODGED IN ESOPHAGUS	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	5	12	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	ORANGE	CA	DEAD	ENTANGLED IN 8.5 INCH MESH NET	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	6	11	GILLNET FISHERY	VENTURA	CA	DEAD	FLUKES WERE CLEANLY CUT OFF. CUT ON TAIL END APPEARS TO BE FROM NETTING (ENTANGLEMENT).	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	7	8	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	FRESH DEAD, GAFF MARK IN CORNER OF MOUTH	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	7	14	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	CUT HALF WAY THROUGH DORSAL FIN	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	7	23	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	RED ROPE TIED AROUND BASE OF FLUKE	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	9	1	GILLNET FISHERY	SAN DIEGO	CA	DEAD	MIRROR IMAGE LACERATIONS ON BOTH SIDES ON CAUDAL PEDUNCLE INDICATE ENTANGLEMENT	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	9	9	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	PUNCTURES & GOUGES ON HEAD, RED BLUBBER/MISSING SKIN ON SIDES OF PEDUNCLE, CLEAN CUT ACROSS PEDUNCLE ANTERIOR TO FLUKES	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	9	17	GILLNET FISHERY	VENTURA	CA	DEAD	FLUKES CLEANLY CUT OFF	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	9	28	GILLNET FISHERY	VENTURA	CA	DEAD	FLUKES CLEANLY CUT OFF	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	11	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	3	12	GILLNET FISHERY	LOS ANGELES	CA	DEAD	FLUKES CUTOFF; CUT MADE 34 CM BEHIND ANAL OPENING.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	4	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	LIVE ANIMAL ON BEACH, TAKEN TO SEA WORLD, DIED IN REHAB. FISHING LINE WRAPPED AROUND RIGHT FLUKE. SIGNIFICANT DAMAGE TO FLUKE; CAUSE OF DEATH: LACERATION OF ARTERY IN TAIL FLUKE; SEVERE CHRONIC AND ACTIVE LINE INJURY WITH VASCULAR LACERATION AND EXSANGUINATION. MILD PERIportal HEPATITIS.	DEAD	S8A	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	7	30	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	LINE MARKS AROUND ROSTRUM/MOUTH	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	8	9	HOOK AND LINE FISHERY	VENTURA	CA	DEAD	FISHING LINE AROUND FLUKES	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	8	10	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	LINE WRAPPED AROUND PEDUNCLE AND TAIL	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	8	11	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	3RD STRANDING IN THIS AREA IN 3 DAYS. NO DETAILS GIVEN.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	12	17	GILLNET FISHERY	SAN DIEGO	CA	DEAD	SEVERED FLUKES.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	2	15	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	DEAD	ANIMAL ENTANGLED IN MONOFILAMENT LINE.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	3	3	UNIDENTIFIED HUMAN INTERACTION	LOS ANGELES	CA	DEAD	ANIMAL CUT IN HALF.	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	3	13	GILLNET FISHERY	VENTURA	CA	DEAD	LEFT FLUKE CLEANLY CUT OFF.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	3	15	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	DEAD	ANIMAL SIGHTED 3/11/13, REPORTED TO MLML STRANDING NETWORK ON 3/14, EXAMINED 3/14. INITIAL PHOTOS SHOWED FISHING GEAR ENTANGLEMENT, WHICH WAS GONE BY THE DAY WE EXAMINED THE ANIMAL, EXCEPT FOR SOME MONOFILAMENT FOUND UNDER SAND NEAR DORSAL FIN.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	3	18	HOOK AND LINE FISHERY	SAN DIEGO	CA	DEAD	DOLPHIN WAS EMACIATED AND HAD CURVATURE IN CAUDAL PEDUNCLE. MANY LESIONS AND LACERATIONS PRESENT. LACERATIONS CAUSED BY FISHING GEAR THAT APPEARS TO BE RECREATIONAL MONOFILAMENT LINE LOCATED AROUND ROSTRUM LEADING IN MANDIBLE, EMBEDDED IN MELON, EMBEDDED VENTRAL SIDE OF THE LEFT PECTORAL FIN, AND WRAPPED AROUND FLUKE WITH WHAT APPEARS TO BE ABSCESS AND HEALED SKIN GROWING OVER LINE.	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	4	21	VESSEL STRIKE	LOS ANGELES	CA	DEAD	SMALL BOAT COLLISION: 4 PARALLEL PROPELLER SCARS ON THE POSTERIOR PART OF ANIMAL ALONG THE RIGHT SIDE.	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	5	10	GILLNET FISHERY	UNKNOWN	CA	DEAD	FLUKE CUT OFF, NET MARKS ON ANIMAL.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	5	10	GILLNET FISHERY	VENTURA	CA	DEAD	CALL RECEIVED OF DEAD DOLPHIN MISSING TAIL. CIMWI VOLUNTEER FOUND FRESH DEAD DOLPHIN WITH TAIL/FLUKE CLEARLY SEVERED.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	7	9	GILLNET FISHERY	SAN DIEGO	CA	DEAD	APPEARS TO HAVE BEEN A CHRONIC ENTANGLEMENT BASED ON THE DEPTH OF WOUNDS CAUSED BY MONOFILAMENT (DOWN TO BONE ON ROSTRUM) AND EMACIATION LIKELY DUE TO FULL WRAP OF ROSTRUM. MONOFILAMENT AND HOOK ATTACHED TO ANIMAL AS WELL AS GILLNET FOUND NEXT TO ANIMAL.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	10	22	SCIENTIFIC RESEARCH	SAN DIEGO	CA	DEAD	FRESHLY DEAD ANIMAL RECOVERED FROM FISH RESEARCHER WHO FOUND CARCASS WRAPPED IN 4" STRETCH MESH MONOFILAMENT GILLNET USED FOR WHITE SEA BASS ASSESSMENTS.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2014	6	1	UNIDENTIFIED NET FISHERY	SAN DIEGO	CA	DEAD	SEVERAL IMPRESSIONS AND LACERATIONS INDICATIVE OF ENTANGLEMENT NOTED DURING NECROPSY. ALSO EVIDENCE OF PAST ENTANGLEMENT (HEALED SCARS).	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2014	6	11	UNIDENTIFIED NET FISHERY	SAN DIEGO	CA	DEAD	FLUKES SEVERED, CONSISTENT WITH OTHER CASES OF NET ENTANGLED ANIMALS THAT HAVE BODY PARTS CUT OFF TO FACILITATE REMOVAL FROM A NET	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2014	7	1	UNIDENTIFIED NET FISHERY	VENTURA	CA	DEAD	FRESHLY DEAD DOLPHIN WITH SEVERED FLUKES AND NET/ROPE MARKS.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2014	9	11	UNIDENTIFIED FISHERY INTERACTION	SAN LUIS OBISPO	CA	DEAD	FRESH DEAD, CAUSE OF DEATH LISTED AS DECOMPRESSION OR 'THE BENDS', CONSISTENT WITH DROWNING. NO EXTERNAL INJURIES.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2015	3	14	HOOK AND LINE FISHERY	SAN DIEGO	CA	DEAD	ANIMAL WAS EMACIATED WITH HOOK LODGED IN LEFT GAPE ATTACHED TO A RED MULTIFILAMENT LINE WITH LEAD WEIGHT. MULTIFILAMENT LINE WRAPPED THROUGH AXILLARY REGION OF BOTH PECTORAL FINS, AROUND DORSAL FIN, PEDUNCLE AND THROUGH THE MOUTH.	DEAD	NA	1	N	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2015	7	12	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	RIGHT FLUKE CLEANLY CUT OFF.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2015	7	13	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	PEDUNCLE AND FLUKES CLEANLY CUT OFF.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2015	8	8	GILLNET FISHERY	SAN DIEGO	CA	DEAD	MULTIPLE LINEAR IMPRESSIONS ACROSS ENTIRE BODY INDICATES EXTENSIVE ENTANGLEMENT. DORSAL FIN AND FLUKES HAD BEEN REMOVED.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2015	8	24	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	DEAD	FLUKES ARE ABSENT, IMPRESSIONS/NICKS ON DORSAL PEDUNCLE, AND LINEAR IMPRESSIONS DORSALLY AT AXILLA SUGGEST FISHERY INTERACTION. SPECIES ID PER GENETICS.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, LONG-BEAKED	CA-OR-WA	2015	11	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2011	10	14	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2011	12	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2012	1	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2012	1	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2012	11	5	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2012	11	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2012	11	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2013	3	3	GILLNET FISHERY	VENTURA	CA	DEAD	CALL RECEIVED FROM CHANNEL ISLANDS HARBOR PATROL OF A DEAD DOLPHIN ON HOLLYWOOD BEACH WITH TAIL CUT OFF. CIMWI VOLUNTEER RESPONDED AND FOUND A FRESH DEAD COMMON DOLPHIN THAT WAS ESSENTIALLY CUT IN HALF. EDGES OF CUT WERE STRAIGHT AND CLEAN.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2013	11	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2013	11	8	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2013	11	21	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2013	11	24	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2013	11	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2013	12	10	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2014	1	14	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2014	1	15	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2014	1	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CALIFORNIA	2014	10	23	GILLNET FISHERY	SAN DIEGO	CA	DEAD	FRESHLY DEAD ANIMAL WITH GAFF MARKS, FLUKES AND DORSAL FIN SEVERED.	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2014	12	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM, ONE OF TWO ANIMALS IN SAME SET	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2014	12	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM, ONE OF TWO ANIMALS IN SAME SET	DEAD	NA	1	Y	Y
COMMON DOLPHIN, SHORT-BEAKED	CA-OR-WA	2014	12	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
DALL'S PORPOISE	CA-OR-WA	2014	11	10	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
FIN WHALE	CA-OR-WA	2011	7	31	UNIDENTIFIED FISHERY INTERACTION	MARIN	CA	SI	ORANGE/REDDISH LINE WRAPPED IN SEVERAL LAYERS BEHIND THE BLOWHOLE THAT HAD CUT DEEP INTO THE FLESH. ENTANGLEMENT LOOKED VERY TIGHT, WRAPPED LINE ABOUT 20 MM THICK WITH MANY TURNS. IT LOOKED LIKE THE WRAP IN TOTAL WAS A 200 MM THICK BUNDLE OF LINE. NO RESIGHTS, NO RELEASE, FINAL OUTCOME UNKNOWN.	SI	L2	1	Y	Y
FIN WHALE	CA-OR-WA	2011	11	19	VESSEL STRIKE	SAN DIEGO	CA	DEAD	FRACTURES ALONG 4 METER LENGTH OF VERTEBRAL COLUMN AND SIGNIFICANT MUSCLE HEMORRHAGE SURROUNDING THIS AREA INDICATE ANTE-MORTEM SHIP STRIKE. CARCASS SUNK 5 MILES OFF LA JOLLA AS PART OF WHALE FALL STUDY.	DEAD	L12	1	N	Y
FIN WHALE	CA-OR-WA	2012	6	21	VESSEL STRIKE	MARIN	CA	DEAD	FRACTURED RIBS, VERTEBRAE. NECROPSY PERFORMED BY THE MARINE MAMMAL CENTER AND NATIONAL PARK SERVICE.	DEAD	L12	1	N	Y
FIN WHALE	CA-OR-WA	2012	12	3	VESSEL STRIKE	LOS ANGELES	CA	DEAD	NECROPSY SUMMARY DIAGNOSIS: THE ANIMAL APPEARS TO HAVE SUCCEEDED AN INJURY CONSISTENT WITH AN IMPACT TRAUMA ALONG ITS LEFT DORSAL BODY BY A LARGE OBJECT (SHIP STRIKE) RESULTING IN SEVERE MUSCULOSKELETAL TRAUMA AND SUBSEQUENT NECROSIS OF THE TISSUES.	DEAD	L12	1	N	Y
FIN WHALE	CA-OR-WA	2013	2	26	VESSEL STRIKE	LOS ANGELES	CA	DEAD	THE ANIMAL WAS BROUGHT INTO THE L.A. HARBOR ON THE BOW OF A CONTAINER SHIP ENROUTE FROM THE SOUTH. NO TIME TO NECROPSY ANIMAL BEFORE IT WAS TOWED BACK OUT TO SEA.	DEAD	L12	1	N	Y
FIN WHALE	CA-OR-WA	2013	4	13	VESSEL STRIKE	KING	WA	DEAD	EXAMINATION REVEALED THAT THE WHALE HAD BEEN BEEN HIT BY A SHIP. THERE WERE SIGNS OF MAJOR TRAUMA AND BRUISING THAT WAS MOST PRONOUNCED ON THE RIGHT SIDE OF THE BODY. THE BRUISING THROUGH THE BLUBBER LAYER INDICATED THE ANIMAL WAS ALIVE WHEN STRUCK. SEVERAL AREAS OF ABRASION HAD WHAT APPEARED TO BE RED PAINT LIKELY FROM THE BOW OF THE SHIP. IT IS THOUGHT THAT THE BLOW OF HAVING BEEN STRUCK AND POSSIBLY CONTACT WITH PROPELLER OR BEING DRAGGED AT HIGH SPEED PINNED ON THE BOW RESULTED IN THE EVISCERATED CONDITION OF THE CARCASS. (CASCADIA RESEARCH TEXT).	DEAD	L12	1	N	Y

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FIN WHALE	CA-OR-WA	2013	6	13	VESSEL STRIKE	GRAYS HARBOR	WA	DEAD	THE 68-FOOT ADULT MALE HAD BEEN IN FAIRLY GOOD HEALTH PRIOR TO DEATH WITH A HEALTHY OILY BLUBBER LAYER AND EVIDENCE OF HAVING FED RECENTLY BASED ON STOMACH CONTENTS. THERE WAS SUBSTANTIAL BRUISING IN THE BLUBBER AND UNDERLYING TISSUES ON THE LEFT SIDE OF THE HEAD AND THE UPPER AND LOWER LEFT JAW INDICATING SEVERE BLUNT FORCE TRAUMA CONSISTENT WITH HAVING BEEN KILLED BY COLLISION WITH A SHIP. (CASCADIA RESEARCH TEXT).	DEAD	L12	1	N	Y
FIN WHALE	CA-OR-WA	2014	7	29	VESSEL STRIKE	VENTURA	CA	DEAD	CALL RECEIVED FROM NAVAL BASE VENTURA COUNTY-PORT HIUENEME PORT OPERATIONS OF A DEAD WHALE FLOATING IN HARBOR NEXT TO SHIP. CIMWI VOLUNTEER WENT TO SITE TO CONFIRM. TOOK PICTURES. NOTIFIED STRANDING COORDINATOR-NMFS, BASE BIOLOGIST, CIMWI DIRECTOR, AND CIRCU. 7/30/14 ARRANGEMENTS BEING MADE BETWEEN NMFS AND NAVY TO HAVE WHALE TOWED TO A SITE FOR NECROPSY. NECROPSY PERFORMED BY MEMBERS OF NMFS, CIMWI, CIRCU, ETC. VESSEL ASSIST TOWED REMAINS OUT TO SEA. EXTERNAL AND INTERNAL EXAM AND NECROPSY	DEAD	L12	1	N	Y
FIN WHALE	CA-OR-WA	2015	2	7	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	UNKNOWN GEAR BEHIND BLOWHOLE, APPEARS TO BE CONSTRICTING AND LOOKS TO EXTEND TOWARDS MOUTH. VIDEO AND PHOTOS REVIEWED BY J. CARRETTA AND A. HENRY.	SI	L2	1	Y	Y
FIN WHALE	CA-OR-WA	2015	4	10	VESSEL STRIKE	LOS ANGELES	CA	DEAD	MODERATE DECOMPOSITION. NECROPSIED. 307 PLATES OF BALEEN (LEFT), PARTS OF BROKEN VERTEBRA FROM CONTACT ZONE.	DEAD	L12	1	N	Y
FIN WHALE	CA-OR-WA	2015	8	24	VESSEL STRIKE	ALAMEDA	CA	DEAD	WHALE STUCK ON BOW OF VESSEL. CARCASS TOWED TO ANGEL ISLAND FOR NECROPSY.	DEAD	L7A	1	N	Y
FIN WHALE	CA-OR-WA	2015	10	9	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	PHOTOS SHOW ROPE / LINE AROUND BODY OF TRAVELING WHALE, BEHIND BLOWHOLE BUT FORWARD OF PECTORAL FLIPPER AREA. LINE APPEARS TO BE TIGHT / CONSTRICTING AROUND ANIMAL, THOUGH NO LACERATIONS OR VISIBLE INJURIES ARE APPARENT. WHALE DOES APPEAR SLIGHTLY EMACIATED. PHOTOS REVIEWED BY J. CARRETTA AND A. HENRY.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2011	1	22	VESSEL STRIKE	SAN DIEGO	CA	SI (PRORATE)	PLEASURE SAILBOAT COLLIDED WITH FREE-SWIMMING ANIMAL; ANIMAL DOVE IMMEDIATELY FOLLOWING CONTACT & WAS NOT RESIGHTED; NO BLOOD OBSERVED IN WATER; FINAL STATUS UNKNOWN. VESSEL SIZE ASSUMED LESS THAN 65 FT. AND SPEED UNKNOWN.	SI (PRORATE)	L7B	0.14	N	Y
GRAY WHALE	EASTERN N PACIFIC	2011	2	12	VESSEL STRIKE	LOS ANGELES	CA	SI (PRORATE)	PRIVATE RECREATIONAL VESSEL COLLIDED WITH FREE-SWIMMING ANIMAL; ANIMAL BREACHED JUST PRIOR TO CONTACT, BOUNCING OFF SIDE OF VESSEL; DOVE IMMEDIATELY FOLLOWING CONTACT & WAS NOT RESIGHTED; NO BLOOD OBSERVED IN WATER; FINAL STATUS UNKNOWN; SKIN SAMPLE COLLECTED FROM VESSEL AND GENETICALLY IDENTIFIED AS A FEMALE GRAY WHALE. VESSEL SIZE ASSUMED LESS THAN 65 FT AND SPEED UNKNOWN.	SI (PRORATE)	L7B	0.14	N	Y
GRAY WHALE	EASTERN N PACIFIC	2011	4	18	VESSEL STRIKE	SAN FRANCISCO	CA	DEAD	CRUSHED MANDIBLE	DEAD	NA	1	N	Y
GRAY WHALE	EASTERN N PACIFIC	2011	6	11	VESSEL STRIKE	SAN MATEO	CA	DEAD	MASSIVE HEMORRHAGE INTO THE THORAX, BLOOD CLOTS AROUND LUNGS. LESIONS INDICATE MASSIVE TRAUMA. DUE TO CARCASS POSITION, THE SKELETON COULD NOT BE COMPLETELY EXAMINED (LYING ON BACK, TOP OF SKULL IN SAND)	DEAD	NA	1	N	Y

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GRAY WHALE	EASTERN N PACIFIC	2011	7	13	UNIDENTIFIED FISHERY INTERACTION	SAN LUIS OBISPO	CA	SI	ANIMAL HAS BEEN IN AREA FOR ~5 WEEKS, OBSERVED FEEDING; THIS WAS FIRST OBSERVATION OF ENTANGLEMENT; GRAY LINE WITH BLACK AND WHITE FLOAT WRAPPED AROUND FLUKE/PEDUNCLE AREA, TRAILING LINE, 2 LACERATIONS IN THE FLUKE AREA, ONE DEEP ONE AT THE BASE AND ONE ON ONE OF THE BLADES CAUSING THE TIP TO CURL; ANIMAL OBSERVED ENTANGLED IN THE MORNING BUT AT 1330 OBSERVED WITHOUT ENTANGLEMENT; SHED GEAR ON ITS OWN; GEAR-FREE BUT INJURED.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC-PCFG	2011	7	27	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	NSI	INDICATIONS OF OLD HEALED ENTANGLEMENT SCAR ON FLUKE. OPEN ULCER/ LESIONS ON ABDOMEN OF UNKNOWN ORIGIN.	NSI	L5B	0	N	N
GRAY WHALE	EASTERN N PACIFIC	2011	8	25	UNIDENTIFIED NET FISHERY	PETERSBURG	AK	SI	ENTANGLED IN 50 LBS. HEAVY MONOFILAMENT WEBBING, CORK LINE, AND LEAD LINE, AS WELL AS OVER 200 LBS. OF BULL KELP ATTACHED TO GEAR; COMPLETELY DISENTANGLED; LEADING EDGE OF FLUKES HAD SIGNIFICANT CUTS AND ABRASIONS; OVERALL BODY CONDITION WAS POOR; MASSIVE INFESTATION OF WHALE LICE AND BARNACLES; ANIMAL VERY EMACIATED AND LACKED ANY VISIBLE SIGNS OF RECENT FEEDING; OBSERVED THE DAY AFTER DISENTANGLEMENT SWIMMING VERY SLOWLY. HEALTH DECLINE DUE TO CONSTRICTING AND WEIGHTED ENTANGLEMENT.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2011	8	25	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SAN MATEO	CA	SI	ONE WHITE "CRAB POT" BUOY NEXT TO BODY BY LEFT PECTORAL FIN; FLOAT STAYED NEXT TO BODY AND DID NOT CHANGE POSITION; ANIMAL REMAINED IN SAME POSITION - POSSIBLY ANCHORED; ONLY OBSERVED FOR ~2 MIN; NOT RESIGHTED, NO RESCUE, OUTCOME UNKNOWN. CONSTRICTING ENTANGLEMENT.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2011	9	27	COD POT FISHERY ENTANGLEMENT	KODIAK	AK	SI	ENTANGLED IN COD POT GEAR; 3-5 WRAPS OF LINE AROUND PEDUNCLE AND WHALE IMMOBILIZED; 2-3 WRAPS OF FLOATING POLY BUOY LINES WRAPPED CLOSE TO FLUKES, SINGLE WRAP OF POT LINE AROUND PEDUNCLE EXTENDED DOWN TO THE POT AT AN ANGLE; FLUKES IMMOBILIZED; COMPLETELY DISENTANGLED AFTER 2 HRS AND OBSERVED SWIMMING SLOWLY. NON-SERIOUS INJURY BECAUSE WHALE'S CONDITION WAS REPORTED AS GOOD AND ALL GEAR REMOVED.	NSI	L2	0	Y	N
GRAY WHALE	EASTERN N PACIFIC	2012	1	17	COD POT FISHERY ENTANGLEMENT	ALEUTIANS EAST	AK	SI (PRORATE)	A 40' WHALE WAS CAUGHT IN COD POT GEAR NEAR UNIMAK PASS. LINES WERE CUT BY BOAT CREW AND BUOYS WERE RECOVERED, HOWEVER, THE POT AND SOME LINE REMAINED IN THE WATER. ANY LINE POSSIBLY REMAINING ON ANIMAL THOUGHT TO BE MINIMAL. GRAY WHALE DETERMINATION MADE FOLLOWING EXTENSIVE QUESTIONING BY LOCAL MARINE MAMMAL BIOLOGIST. DETERMINATION: PRORATE AT L10 BECAUSE GEAR POSSIBLY REMAINS ON ANIMAL.	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	1	22	MARINE DEBRIS	PACIFIC	WA	DEAD	POSSIBLE ENTANGLEMENT, DEEP CABLE-LIKE INDENTATION AROUND GENITAL AREA.	DEAD	NA	1	N	Y
GRAY WHALE	EASTERN N PACIFIC	2012	1	28	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI (PRORATE)	TOWING TWO ORANGE BUOYS AND AT LEAST 150 FT OF LINE; UNKNOWN FISHERY, REPORTED AS POSSIBLE GILLNET; NO RESPONSE EFFORT. UNKNOWN IF ENTANGLEMENT IS CONSTRICTING OR NOT.	SI (PRORATE)	L10	0.75	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
GRAY WHALE	EASTERN N PACIFIC	2012	3	24	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET GEAR AROUND PEDUNCLE; RESPONSE EFFORT RESULTED IN SUCCESSFUL DISENTANGLEMENT WITH >100 FT OF PINK GILLNET REMOVED FROM ANIMAL, BUT ANIMAL SUBSEQUENTLY OBSERVED DEAD ON 03/27 (FLOATING, SKIN SAMPLE TAKEN, NO NECROPSY). NET REMOVED ON 03/24 FOUND TO CONTAIN ONE DEAD CA SEA LION AND THREE DEAD SHARKS.	DEAD	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	3	28	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	LINE DEEPLY EMBEDDED AROUND TAIL STOCK AND UNDER FLUKE; ~45 FEET OF ROPE WITH HAND CARVED BUOY; ANIMAL SUCCESSFULLY DISENTANGLED AND ALL GEAR RECOVERED. CONDITION OF ANIMAL INDICATED THAT ANIMAL IS LIKELY TO SURVIVE.	NSI	L2	0	Y	N
GRAY WHALE	EASTERN N PACIFIC	2012	4	17	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	ORANGE	CA	SI (PRORATE)	GRAY WHALE REPORTED ENTANGLED WITH APPROXIMATELY 150 FEET OF LINE TRAILING. FOUR SPONGEX BULLET BUOYS LIE ALONG THE LEFT SIDE OF THE ANIMAL. ENTANGLEMENT INVOLVES THE MOUTH, A WRAP OVER THE HEAD, AND THE LEFT PECTORAL FLIPPER. ENTANGLEMENT APPEARS RECENT. PARTIALLY DISENTANGLED 5/3/12 BY FISHERMEN. UNKNOWN AMOUNT OF GEAR REMAINED ON WHALE.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	4	21	UNIDENTIFIED FISHERY INTERACTION	SAN LUIS OBISPO	CA	DEAD	ROPE LIKE MARKS ON CAUDAL PEDUNCLE. ROPE IMPRESSION ON PECTORAL FIN. PHOTOS.	DEAD	NA	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	4	28	UNIDENTIFIED FISHERY INTERACTION	MENDOCINO	CA	SI (PRORATE)	SMALL GRAY WHALE OFF FORT BRAGG CA, IN COMPANY OF TWO OTHER ANIMALS, TRAILING TWO BUOYS.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	5	5	MARINE DEBRIS	MONTEREY	CA	SI (PRORATE)	WHALE WATCH VESSEL NOTICED FROM IMAGES TAKEN THAT A GRAY WHALE OBSERVED EARLIER IN THE DAY WAS ACTUALLY ENTANGLED. A SMALL GAUGE LINE, LIKELY FROM RIGHT SIDE OF MOUTH GOES OVER THE ANIMAL'S BACK, AND OVER BLOWHOLES, TO LEFT SIDE OF MOUTH. NO BUOYS OR TRAILING LINE WERE OBSERVED. ANIMAL IN FAIR CONDITION. ANIMAL SIGHTED NEXT DAY BY WHALE WATCH VESSEL. CONFIRMED MOUTH ENTANGLEMENT, APPEARS TO BE STRAPPING MATERIAL. UNKNOWN IF GEAR IS CONSTRICTING.	SI (PRORATE)	L10	0.75	N	Y
GRAY WHALE	EASTERN N PACIFIC	2012	5	8	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	HUMBOLDT	CA	SI	DEEP CUTS FROM ROPE AROUND PEDUNCLE AND LACERATIONS AT FLUKE NOTCH AND LATERAL EDGE OF FLUKE. GEAR COLLECTED AND IDENTIFIED AS DUNGENESS CRAB POT GEAR. ANIMAL ENTIRELY FREED OF GEAR BUT CONDITION OF ANIMAL IS FAIR AND SLIGHTLY EMACIATED. DEEP CUTS (~ 2 INCHES) FROM THE ROPE AROUND THE PEDUNCLE REMAINED. GEAR WAS RECOVERED. RESULTS OF ENTANGLEMENT MAY STILL BE LIFE THREATENING.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	5	11	DUNGENESS CRAB POT FISHERY	MARIN	CA	SI	LOOP BETWEEN CRAB POTS AND WEIGHTED LINE CAUGHT IN WHALE'S MOUTH; ENTANGLING GEAR STUCK IN ROCKS; ANIMAL ANCHORED WITH SMALL RADIUS OF MOVEMENT FOR 4 DAYS; SUCCESSFULLY DISENTANGLED. GEAR WAS COLLECTED.	NSI	L2	0	Y	N
GRAY WHALE	EASTERN N PACIFIC	2012	5	13	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI	ANIMAL ENTANGLED THROUGH MOUTH IN AT LEAST TWO SETS OF SUSPECTED POT GEAR THAT THAT HANG BELOW. ANIMAL ANCHORED WITH A SHORT SCOPE IN 28 FEET OF WATER TO SUSPECTED POTS. BUNDLE OF GEAR, INCLUDING 4 BUOYS LIE UNDER ANIMAL. ANIMAL HAVING SOME DIFFICULTY GETTING TO SURFACE. ANIMAL EVENTUALLY DISENTANGLED, BUT RESULTS OF ENTANGLEMENT MAY STILL BE LIFE-THREATENING.	SI	L2	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
GRAY WHALE	EASTERN N PACIFIC	2012	5	19	DUNGENESS CRAB POT FISHERY (OREGON)	CURRY	OR	SI (PRORATE)	TWO FISHING VESSELS WORKED TOGETHER TO CUT LINES FREE FROM THE CALF. AS THEY WORKED THE CALF BAGAN TO MOVE TO THE WEST ACCOMPANIED BY THE ADULT. ONE LINE REMAINED ATTACHED WHEN DISENTANGLEMENT ATTEMPTS WERE DISCONTINUED; THE CALF WAS ENTANGLED IN SEVERAL LINES IDENTIFIED AS CRAB GEAR. LOCATION NEAR SHORE IN APPROXIMATELY 50 FEET OF WATER NORTH AND WEST OF THE NORTH JETTY ROGUE RIVER MOUTH, GOLD BEACH OREGON. UNKNOWN AMOUNT / CONFIGURATION OF GEAR REMAINED ON ANIMAL.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	6	16	GILLNET FISHERY	VALDEZ-CORDOVA	AK	SI	GRAY WHALE IN PRINCE WILLIAM SOUND ENTANGLED IN GEAR. THRASHING AT SURFACE AND MOVING AT 4-5 KNOTS. NO WOUNDS OR CHAFING WAS OBSERVED. GILLNET, CORKLINE (AT LEAST 12 FLOATS), AND LEADLINE OBSERVED OVER ANIMAL'S ROSTRUM, BODY, AND TAILSTOCK. BOTH PECTORAL FLIPPERS APPEARED PINNED TO BODY. ANIMAL LATER APPEARED TIRED AND WAS SWIMMING AT 2 KNOTS. IT WAS NOT RELOCATED. ASSIGNED L2 SERIOUS INJURY BECAUSE GEAR APPEARS TO BE CONSTRICTING MOVEMENT OF WHALE.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	8	22	GILLNET FISHERY	VALDEZ-CORDOVA	AK	SI (PRORATE)	A FISHING NET WAS OBSERVED BEING TRAILED FROM A GRAY WHALE'S BACK. PHOTOS APPARENTLY AVAILABLE, BUT HAVE NOT BEEN LOCATED. PRINCE WILLIAM SOUND. EXTENT AND SEVERITY OF ENTANGLEMENT UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	8	31	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	SI (PRORATE)	FIRST DETECTED NEAR SAN DIEGO. GRAY WHALE REPORTED ENTANGLED WITH SMALL GAUGE, DARK-COLORED LINE, DEEPLY EMBEDDED AROUND ITS TAIL STOCK. LITTLE GEAR TRAILS. ENTANGLEMENT WAS ONCE MORE EXTENSIVE AS INDICATED BY SCARS ON THE ANIMAL'S BODY. ANIMAL IN VERY POOR CONDITION - EMACIATED, SCARRED AND A HEAVY LOAD OF CYAMID AMPHIPODS. BLACK LINE AROUND PEDUNCLE, 20 FT TRAILING; OBSERVED OFF SAN DIEGO ON 8/31, COMPLETELY DISENTANGLED OFF LOS ANGELES 9/6, STRANDED DEAD 9/14/12.	DEAD	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2012	10	13	GILLNET FISHERY	MENDOCINO	CA	SI	MACKERRICHER STATE PARK, JUST OUTSIDE THE SURF ZONE.WHALE REPORTED WITH ROPE AROUND THE PEDUNCLE WHICH WASN'T SEEN IN PHOTOGRAPHS BUT PHOTOS DID SHOW GREEN GILLNET WITH CUTS TO THE HEAD; ANIMAL DISAPPEARED AND FINAL STATUS IS UNKNOWN. CUTS TO HEAD INDICATE CONSTRICTING GEAR.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	1	10	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	CLALLAM	WA	SI (PRORATE)	GRAY WHALE SWIMMING EAST TOWARDS WHISKEY CREEK SLOWLY FOR 30 MINUTES SAID TO BE ENTANGLED IN ROPE AND BUOYS. ANIMAL NOT RELOCATED, SEVERITY OF ENTANGLEMENT UNKNOWN.	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	2	3	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SAN DIEGO	CA	SI (PRORATE)	LINE ENTANGLEMENT DESCRIBED AS "POT GEAR" WITH A SINGLE WHITE BUOY TRAILING. NOT RESIGHTED.	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	3	8	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	CLALLAM	WA	SI (PRORATE)	ENTANGLED WHALE WAS TRAILING ROPE ~ 20 FEET BEHIND AND TWO ORANGE FLOATS. ANIMAL IS THOUGHT TO HAVE AN ENTANGLEMENT ON THE PECTORAL FIN OR HEAD REGION. NO RESIGHTS OF THE ANIMAL HAVE BEEN REPORTED.	SI	L10	0.75	Y	Y

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GRAY WHALE	EASTERN N PACIFIC	2013	3	22	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	COOS	OR	SI	U.S. COAST GUARD IN COOS BAY REPORTED AN ENTANGLED GRAY WHALE CALF A COUPLE MILES WEST OF CAPE ARAGO. A SMALL WHALE (<20 FEET) WAS SEEN LYING FAIRLY MOTIONLESS, IN CLOSE PROXIMITY TO A STRING OF CRAB GEAR. THE WITNESS WAS ABOUT 100 YARDS AWAY IN THE WHEELHOUSE OF A 90' VESSEL AND DIDN'T ACTUALLY SEE ANY GEAR WRAPPED AROUND THE WHALE'S BODY BUT HE THOUGHT IT WAS PROBABLY ENTANGLED. USCG DID A FLYOVER OF THE AREA AND DID NOT RESIGHT THE ANIMAL. EVIDENCE OF CONSTRICTING GEAR BECAUSE WHALE WAS MOTIONLESS.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	3	28	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	LOS ANGELES	CA	SI	SINGLE STRAND OF ROPE WRAPPED TIGHTLY ONCE AROUND LEFT FLUKE BLADE; ROPE DESCENDS TO BELIEVED LOBSTER POT AT DEPTH OF ~20 M SLIGHTLY BEHIND ANIMAL. INJURED, HIGH CYAMID LOAD. NOT RESIGHTED. EVIDENCE OF CONSTRICTING ENTANGLEMENT.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	4	13	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI (PRORATE)	ANIMAL ENTANGLED IN FOUR OR MORE BUOYS IN TANDEM ON A LINE, 2 SMALL ORANGE BUOYS ON THE ENDS, HALF A YELLOW/BROWN BULLET BUOY AND SMALL YELLOW PLASTIC FLOAT IN THE MIDDLE. SIGHTED, UNABLE TO ATTACH RESCUE LINE.	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	4	18	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	SAN FRANCISCO	CA	NSI	RESCUE TEAM FOUND GEAR THAT ANIMAL HAD SHED. GEAR IDENTITY CONFIRMED BY CDFW USING BUOY NUMBER. NO ADDITIONAL DETAILS.	NSI	L3	0	N	N
GRAY WHALE	EASTERN N PACIFIC	2013	5	6	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	CURRY	OR	SI (PRORATE)	REPORTEDLY HAD CRAB BUOY AND 20 FEET OF LINE TRAILING BEHIND IT WAS REPORTEDLY ENTANGLED IN CRAB GEAR SWIMMING WITHIN 1 MILE OF SHORE; FINAL OUTCOME UNKNOWN.	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	6	25	GILLNET FISHERY	HUMBOLDT	CA	DEAD	ENTANGLED IN LARGE AMOUNT OF PINK GILLNET WITH BLACK FLOATS AROUND PEDUNCLE AND FLUKES. MODERATE DECOMPOSITION. LATITUDE = 40.617, JUST SOUTH OF PACIFIC COAST FEEDING GROUP BOUNDARY DEFINED BY IWC.	DEAD	NA	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	6	25	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MARIN	CA	DEAD	ENTANGLEMENT FOUND WRAPPED THROUGH MOUTH AND ON FLUKES.	DEAD	NA	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC-PCFG	2013	6	27	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	CURRY	OR	DEAD	ENTANGLED TO GEAR AT PEDUNCLE AND RIGHT PECTORAL; CRAB POT TAG NUMBER IDENTIFIED AS DUNGENESS CRAB POT GEAR.	DEAD	NA	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2013	7	16	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	MARIN	CA	DEAD	CDFW TAG ID IDENTIFIED TO DUNGENESS CRAB FISHERMAN; ENTANGLEMENT WAS IN LINE AND BUOYS ONLY (NO POT/TRAP); DEAD STRANDING.	DEAD	NA	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC-PCFG	2013	7	29	VESSEL STRIKE	GRAYS HARBOR	WA	DEAD	BLUNT FORCE TRAUMA TO LEFT SIDE OF ROSTRUM. ABRASIONS AND SUPERFICIAL LACERATIONS WITH ASSOCIATED BRUISING AND HEMORRHAGE IN BLUBBER AND UNDERLYING MUSCLE; DEGLOVING OF TISSUE FROM BONE AT SITE AND SHATTERED AREAS IN L ROSTRAL BONE. BASED ON SIZE OF IMPACT, IDENTIFIED AS VESSEL STRIKE.	DEAD	NA	1	N	Y
GRAY WHALE	EASTERN N PACIFIC-PCFG	2013	9	4	TRIBAL CRAB POT GEAR	CLALLAM	WA	NSI	GRAY WHALE, CONFIRMED (KNOWN PCFG, CASCADIA #819). SEVERAL SIGHTINGS AND THE ANIMAL WAS ULTIMATELY DISENTANGLED BY DFO AND PARKS CANADA.	NSI	L3	0	N	N

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GRAY WHALE	EASTERN N PACIFIC	2013	9	8	VESSEL STRIKE	NORTH SLOPE BOROUGH	AK	NSI	WELL-DOCUMENTED VESSEL STRIKE INVOLVING A NOAA RESEARCH RHIB (23 FT IN LENGTH) THAT WAS OVERTURNED BY A GRAY WHALE DURING SATELLITE TAGGING OPERATIONS. WHALE APPEARED UNDER THE BOW OF RHIB, WHICH WAS IMMEDIATELY PUT INTO REVERSE, BUT WHALE LIFTED BOW OF VESSEL HIGH ENOUGH OUT OF THE WATER TO CAUSE IT TO FLIP OVER. ALL PERSONNEL ABOARD WERE RESCUED BY THE R/V AQUILA AND THE RHIB VESSEL WAS RETRIEVED. SLOW SPEED AND SMALL SIZE OF THE RHIB, COMBINED WITH A LACK OF INFORMATION ON POSSIBLE WHALE INJURY SUPPORTS USE OF L6C NON-SERIOUS INJURY CRITERIA.	NSI	L6C	0	N	N
GRAY WHALE	EASTERN N PACIFIC	2013	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2014	1	5	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	ENTANGLEMENT ON HEAD OF WHALE, INCLUDED FLOAT. NO DETAILS ON SEVERITY OF ENTANGLEMENT	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2014	4	15	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	SI (PRORATE)	ENTANGLED IN UNSPECIFIED GEAR. NO DETAILS ON GEAR TYPE OR SEVERITY OF ENTANGLEMENT.	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2014	5	27	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	CURRY	OR	SI (PRORATE)	ENTANGLED GRAY WHALE SIGHTED NEAR GOLD BEACH, APPEARED TO BE SWIMMING WELL IN A NORTHERLY DIRECTION. THE OBSERVER TOOK VIDEO - IT APPEARS TO HAVE AN ORANGE/RED OR WHITE/RED BUOY TRAILING JUST A FEW FEET BEHIND IT. OBSERVER LOST SIGHT OF THE ANIMAL BEFORE CONTACTING OREGON STATE UNIVERSITY. ABSENCE OF CONSTRICTING GEAR COULD NOT BE CONFIRMED FROM VIDEO, THUS ASSIGNED L10 INSTEAD OF L3.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC-PCFG	2014	5	28	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	LINCOLN	OR	SI (PRORATE)	GRAY WHALE CALF (ATTENDED BY MOTHER) ENTANGLED IN LINE AROUND HEAD AND TRAILING ONE ORANGE AND ONE WHITE BUOY. BUOYS ESTIMATED TO BE 20-25 FT BEHIND FLUKES. NO DISENTANGLEMENT ATTEMPT. BOTH ANIMALS MOVING NORTH AT APPROX. 3.5 KTS (SHADOWED BY RHIB VESSEL), THUS IT IS THOUGHT NO POT/TRAP IS ATTACHED TO ANIMAL, OTHERWISE SPEED WOULD BE SLOWER. MOTHER OF CALF IS A KNOWN ANIMAL (CRC-554) WITH NORTHERN CA / SOUTHERN OR SIGHTING HISTORY BACK TO 1997. GIVEN THE SIGHTING HISTORY OF MOTHER, SHE AND CALF ARE CONSIDERED PART OF THE PCFG POPULATION.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2014	7	24	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI (PRORATE)	ENTANGLED WITH YELLOW LINE WRAPPED AROUND ITS BODY, MAY INVOLVE MOUTH, NO BUOYS; WHALE LICE ON HEAD AND POST CRANIAL DIP; UNKNOWN GEAR TYPE. GEAR DISCARDED BEFORE NOAA COULD EVALUATE. FREE-SWIMMING; NEWPORT BEACH LG FREED WHALE; RESIGHTED MOVING NORTH 7/26. SERIOUS INJURY BECAUSE LACK OF CONFIRMATION THAT ALL GEAR WAS REMOVED.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2014	9	2	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET, PINK 8.25 INCH MESH, GEAR EXTENDS 40 FEET BEHIND ANIMAL- GEAR ORIGINATED IN MOUTH AND CUT DOWN TO 10 FEET OUT BOTH SIDES OF MOUTH. ENTANGLEMENT DEEPLY EMBEDDED IN MOUTH, RUNNING DOWN BOTH SIDES OF BODY, UNDER THE PECTORAL FINS, AND OVER THE FLUKE. CUT LINE ON SIDE OF BODY WITH CUTTING KNIFE, SOME GEAR REMAINING IN MOUTH. L2 SERIOUS INJURY BECAUSE OF REMAINING GEAR ON ANIMAL AND APPARENT CONSTRICTING NATURE OF GEAR ('DEEPLY EMBEDDED').	SI	L2	1	Y	Y

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GRAY WHALE	EASTERN N PACIFIC	2014	9	11	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI (PRORATE)	ENTANGLED WITH YELLOW POLYLINE AND A COUPLE OF FLOATS TRAILING BEHIND. THRASHING INDICATES RECENT ENTANGLEMENT; ANIMAL IN DISTRESS; ANIMAL NOT RESIGHTED, POSSIBLY LIFE-THREATNING.	SI	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	1	21	VESSEL STRIKE	KING	WA	DEAD	PIER 52 SEATTLE FERRY DOCK. SHARP FORCE TRAUMA CAUSED BY LARGE PROPELLER. DEFINITE CAUSE OF MORTALITY. 5-6 PROPELLER CUTS ON R SIDE/ACROSS BACK, BEGINNING JUST DORSAL OF RIGHT PECTORAL FIN. UNABLE TO SEE HOW FAR THEY EXTEND ACROSS BACK DUE TO CARCASS POSITION, VISIBLE PORTIONS 80-180CM. MODERATELY DECOMPOSED WHALE.	DEAD	L5A	1	N	Y
GRAY WHALE	EASTERN N PACIFIC	2015	2	3	GILLNET FISHERY	LOS ANGELES	CA	SI	ENTANGLED IN BLUE / GREEN GILLNET, NET AROUND HEAD / BLOWHOLE REGION, FULL GEAR CONFIGURATION UNKNOWN, BUT AN ABSENCE OF GEAR ON FLUKES AND PEDUNCLE NOTED. ANIMAL MILLING AT SURFACE AND CHANGING DIRECTION OFTEN. HEAVY COATING OF BARNACLES ON BODY, ANIMAL IN POOR CONDITION, WITH NECROTIC TISSUE ON THE HEAD EVIDENT. LONG-TERM SURVIVAL UNLIKELY. PHOTOS REVIEWED BY J. CARRETTA AND D. WELLER.	SI	L10	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	2	26	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI	POSSIBLE CRAB POTS. BUOY COLORS DIFFICULT TO SEE FROM COAST GUARD VIDEO, REPORTED AS RED AND WHITE. LINE COMES DOWN BOTH SIDES OF BODY AND COMES TOGETHER AT BUOY 1 ABOUT 10 FT IN FRONT OF THE FLUKE, 2ND BUOY RIGHT AT FLUKE INSERTION WRAPPED AROUND TIGHTLY WITH BUOY AT SURFACE; EXAMINATION OF USCG VIDEO BY J. CARRETTA INDICATES EVIDENCE OF CONSTRICTING WRAP AND A WHALE THAT HAS DIFFICULTY TRAVELING NORMALLY. WARRANTS USE OF SERIOUS INJURY CATEGORY L2.	SI	L2	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	3	7	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI (PRORATE)	INITIALLY SEEN BREACHING MULTIPLE TIMES, THEN RESTING AT SURFACE AND ATTEMPTING TO SWIM BACKWARDS WITH MOUTH OPEN. LINE OR ROPE TRAILING DOWN LEFT SIDE FROM MOUTH TO THE PECTORAL FIN AND AFT OF THE BLOWHOLES, UNABLE TO SEE WHERE THE LINE ORIGINATED. FULL CONFIGURATION OF GEAR IS UNKNOWN. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	3	11	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	SAN LUIS OBISPO	CA	SI (PRORATE)	SELF REPORT FROM FISHERMAN IN HIS OWN GEAR; 1 CRAB POT ON 300 FT OF LINE SET IN 250 FT WITH 2 BUOYS (1 ORANGE/1 PURPLE) WITH TEAL LINE CONNECTING TO BLUE POLY LINE WRAPPED AROUND THE FLUKE; TIER 1 CDFW DUNGENESS CRAB GEAR. FULL EXTENT OF GEAR ENTANGLEMENT UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	3	16	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	LINE COMING OUR RIGHT SIDE OF MOUTH, MORE TRAILING LINE COMING FROM UNDERNEATH. PHOTOS REVIEWED BY J. CARRETTA AND D. WELLER. PHOTOS DO NOT SHOW GEAR, BUT RESPONDERS (J. CALAMBOKIDOS) CONFIRMED PRESENCE OF GEAR. FULL GEAR CONFIGURATION UNKNOWN. ANIMAL HAS MODERATE CYAMID / BARNACLE LOAD, INDICATIONS OF A HEALTH DECLINE, THUS ASSIGNED A SERIOUS INJURY VALUE = 1.	SI	L10	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	3	19	UNIDENTIFIED FISHERY INTERACTION	JEFFERSON	WA	SI (PRORATE)	GRAY WHALE REPORTED WITH TAIL ENTANGLED IN FISHING LINE, WITH ORANGE BUOY ATTACHED. NO PHOTOS OR VIDEO TO DETERMINE EXTENT OF GEAR ENTANGLEMENT. REPORTED BY A TUGBOAT TO USCG.	SI (PRORATE)	L10	0.75	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
GRAY WHALE	EASTERN N PACIFIC	2015	5	21	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	CURRY	OR	SI (PRORATE)	USCG SECTOR NORTH BEND, OREGON REPORTED WHALE TO BE TRAVELING NORTH AT 3 MPH WITH 3 OTHER CONSPECIFICS AND A CALF. ~30 FEET OF LINE WITH A SINGLE YELLOW BUOY TRAILING BEHIND THE WHALE, APPEARED TO BE MOVING OKAY AND NO DESCRIPTION OF WHERE ON THE BODY LINE WAS WRAPPED. 5/25/2015: REPORTED AGAIN BY A WHALE WATCH VESSEL OUT OF DEPOE BAY, WAS SIGHTED HOURS EARLIER IN NEWPORT, OR. LAST KNOWN LOCATION ON 5/25/2015 WAS JUST SOUTH OF THE CAPE MEARES LIGHTHOUSE SWIMMING NORTH AT 3MPH. GEAR CONFIGURATION UNKNOWN, ASSIGNED L10.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	5	23	GILLNET FISHERY	VALDEZ-CORDOVA	AK	DEAD	A FRESH GRAY WHALE CARCASS WAS DISCOVERED ON THE COPPER RIVER DELTA. THE CARCASS DISPLAYED LINEAR CUTS AND CHAFING ON THE ROSTRUM, INDICATIVE OF RECENT GILLNET ENTANGLEMENT. EXAMINED BY K. WYNNE AND E. LYMAN.	DEAD	NA	1	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	7	30	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	ORANGE	CA	SI (PRORATE)	FISHERMEN SELF-REPORT, BRINGING IN SET NET WHEN GRAY WHALE APPROACHED FROM UNDER BOAT, HIT NET, SPUN, VIOLENTLY REACTED, EVENTUALLY BROKE FREE, UNCERTAIN IF ANY GEAR REMAINED ON WHALE; FISHERMAN UNSURE IF EVEN REALLY EVER ENTANGLED BUT THINKS 20 FT OF HIS NET MAY BE HAVE BEEN GONE. UNKNOWN GEAR CONFIGURATION ON ANY REMAINING GEAR. NO PHOTOS.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC-PCFG	2015	8	15	GILLNET FISHERY	CLALLAM	WA	SI	JUVENILE GRAY WHALE INITIALLY FOUND ANCHORED AND ENTANGLED IN A MARINE SET GILLNET INSIDE NEAH BAY. REPORTED WHALE HAD 3-4 WRAPS OF LEADLINE AND CORKLINE AROUND THE CAUDAL PEDUNCLE WITH LINES STREAMING OVER THE FLUKE LEADING TO A MASS OF GILLNET MESH AND LINES. WHALE REMAINED IN AREA, WITH MULTIPLE DISENTANGLEMENT EFFORTS CONTINUING INTO SEPTEMBER. FINAL PHOTOS OF WHALE SHOW ANIMAL SWIMMING FREE, FEEDING NORMALLY, AND APPARENTLY GEAR FREE. INITIAL INJURY ASSESSMENT IS L2 BECAUSE OF CONSTRICTING GEAR, BUT FINAL ASSESSMENT IS NON-SERIOUS INJURY BECAUSE OF INTERVENTION EFFORTS. BIOPSY SAMPLE ALSO OBTAINED AND SENT TO SWFSC. PHOTOS AND NARRATIVE PROVIDED BY MAKAH TRIBE, REVIEWED BY J. CARRETTA.	NSI	L2	0	Y	N
GRAY WHALE	EASTERN N PACIFIC	2015	9	8	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI (PRORATE)	GRAY WHALE REPORTED AS ENTANGLED IN NETTING, NO ADDITIONAL DETAILS.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	9	26	GILLNET FISHERY	SAN DIEGO	CA	SI (PRORATE)	VESSEL DEFIANCE REPORTED A GRAY WHALE ENTANGLED IN NETTING WITH NO TRAILING GEAR 12 MILES OFF SAN ONOFRE. NO FURTHER DETAILS AVAILABLE.	SI (PRORATE)	L10	0.75	Y	Y
GRAY WHALE	EASTERN N PACIFIC	2015	12	21	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SAN DIEGO	CA	SI (PRORATE)	ENTANGLED ON LEFT SIDE TRAILING LOBSTER-TYPE BUOY POSSIBLY ALSO ON FLUKES, BUOY ORANGE IN COLOR AND EASILY VISIBLE. GEAR CONFIGURATION UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
GUADALUPE FUR SEAL	MEXICO	2011	1	25	MARINE DEBRIS	LOS ANGELES	CA	SI	FISHING ENTANGLEMENT; AROUND NECK BUT NOT EMBEDDED; 2 HOOKS IN LEFT REAR FLIPPER ON DORSAL AND ONE VENTRAL, TRANSFERRED TO REHABILITATION CENTER, FINAL STATUS UNKNOWN.	SI	P7B	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2011	5	6	MARINE DEBRIS	SAN MATEO	CA	DEAD	ENTANGLED AROUND SHOULDERS WITH BALLOON RIBBON, ADVANCED DECOMPOSITION - RIBBON DID NOT PENETRATE SKIN.	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2011	6	9	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	WHITE BALLOON STRING AROUND NECK. ANIMAL DIED IN REHAB.	DEAD	P8A	1	N	Y

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GUADALUPE FUR SEAL	MEXICO	2011	6	18	MARINE DEBRIS	SAN MATEO	CA	SI	ANIMAL ENTANGLED IN GREEN TWINE / NETTING. NETTING HAD BARNACLES ON IT, INDICATIVE OF GHOST NETTING / MARINE DEBRIS.	SI	P8A	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2011	7	1	MARINE DEBRIS	GRAYS HARBOR	WA	DEAD	NO DETAILS GIVEN.	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2011	7	18	GILLNET FISHERY	JEFFERSON	WA	DEAD	CUTS ON ANIMAL SUGGESTIVE OF ENTANGLING NET FISHERY INTERACTION.	DEAD	NA	1	Y	Y
GUADALUPE FUR SEAL	MEXICO	2012	5	25	UNIDENTIFIED NET FISHERY	SONOMA	CA	SI	DARK GREEN ENTANGLEMENT AROUND LOWER NECK/UPPER SHOULDER AREA - NOT EMBEDDED, EMACIATED. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED.	NSI	P8A	0	Y	N
GUADALUPE FUR SEAL	MEXICO	2012	5	29	BLUNT FORCE TRAUMA	CLATSOP	OR	DEAD	TREMENDOUS HEMORRHAGE AT AXILLA AND PELVIC AREAS; SOME ORGAN HEMORRHAGING; BLOOD IN THORACIC CAVITY.	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2012	6	8	GILLNET FISHERY	TILLAMOOK	OR	NSI	ANIMAL ENTANGLED AROUND NECK IN BLUE NET, NO OBVIOUS INJURIES, ANIMAL QUICKLY RETURNED TO OCEAN AFTER DISENTANGLEMENT.	NSI	P7B	0	N	N
GUADALUPE FUR SEAL	MEXICO	2012	6	9	MARINE DEBRIS	LINCOLN	OR	SI	ORANGE PLASTIC LINE WRAPPED TIGHTLY AROUND THORAX AT SHOULDERS, WAS DISENTANGLED BY VOLUNTEERS; ANIMAL WAS ALERT AND RESPONSIVE THROUGHOUT, MADE ITS WAY BACK OUT TO WATER; NO FURTHER REPORTS RECEIVED; APPEARS THIN IN PHOTOS.	SI	P1, P7B	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2012	6	18	MARINE DEBRIS	GRAYS HARBOR	WA	DEAD	CLEAR PLASTIC PIECE 2 X 8 INCHES IN SIZE RECOVERED FROM STOMACH AND ESOPHAGUS.	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2012	6	19	SHOOTING	PACIFIC	WA	DEAD	BULLET HOLES WITH ASSOCIATED HEMORRHAGING IN BODY. LEFT LUNG DAMAGED BY BULLET, BLOOD IN THORACIC, ABDOMINAL, AND PERICARDIAL CAVITIES, INTESTINES VERY TWISTED.	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2012	6	28	UNIDENTIFIED NET FISHERY	PACIFIC	WA	DEAD	ENTANGLEMENT IN GREEN TRAWL NET WITH SIGNIFICANT TRAUMA AROUND NECK, ALSO FOUND STYROFOAM IN STOMACH. DETAILED INTERNAL AND EXTERNAL EXAM.	DEAD	NA	1	Y	Y
GUADALUPE FUR SEAL	MEXICO	2013	6	28	GILLNET FISHERY	SAN DIEGO	CA	DEAD	BLUE TWINE GILLNET WITH STRETCH MESH LENGTH OF 15.5 CM FOUND WRAPPED AROUND NECK.	DEAD	NA	1	Y	Y
GUADALUPE FUR SEAL	MEXICO	2015	5	11	SHOOTING	MARIN	CA	DEAD	XRAYS REVEALED 7 PIECES OF BUCKSHOT THROUGHOUT BODY, WITH ONE THAT APPEARS TO BE LODGED IN ANIMAL'S HEART.	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2015	6	1	MARINE DEBRIS	SANTA CRUZ	CA	DEAD	GREEN TWINE ON RIGHT FRONT FLIPPER	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2015	6	10	MARINE DEBRIS	MARIN	CA	SI	LETHARGIC ANIMAL WITH ABRASION AROUND NECK FROM OLD ENTANGLEMENT. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
GUADALUPE FUR SEAL	MEXICO	2015	7	10	GILLNET FISHERY	SANTA CRUZ	CA	DEAD	HEAVY COLONIZATION BY BARNACLES, LARGE NETTING ENTANGLEMENT AROUND NECK, EYES BULGING, HEAVILY DECOMPOSED INTESTINES, GAS-FILLED, IMMATURE SEXUAL ORGANS. CAUSE OF DEATH ENTANGLEMENT, NUTRITION.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N CALIFORNIA-S OREGON	2011	1	2	VESSEL STRIKE	LINCOLN	OR	DEAD	CARCASS; RIGHT LOBE OF FLUKE CUT OFF CLEANLY; OTHER LACERATIONS INDICATE PROPELLER WOUNDS	DEAD	NA	1	N	Y
HARBOR PORPOISE	MONTEREY	2011	1	27	SCIENTIFIC RESEARCH	MONTEREY	CA	NSI	HARBOR PORPOISE BECAME ENTANGLED IN SEABIRD RESEARCH NET DURING RETRIEVAL. ANIMAL WAS IMMEDIATELY FREED OF NET AND SPENT LESS THAN 2 MINUTES ENTANGLED. PORPOISE SWAM AWAY STRONGLY.	NSI	S7B	0	N	N
HARBOR PORPOISE	N OREGON-WA COAST	2011	5	5	UNIDENTIFIED NET FISHERY	PACIFIC	WA	DEAD	CARCASS; SUBSTANTIAL FOAM IN TRACHEA; SEROUS FLUID IN PLEURAL CAVITY; THORACIC ORGANS BRUISED; EXTERNAL MARKS (NET?) AND RUBBED AREAS. EXCELLENT BODY CONDITION.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2011	5	14	UNIDENTIFIED NET FISHERY	PACIFIC	WA	DEAD	CARCASS; SUBSTANTIAL BLOODY FOAM FROM BLOWHOLE AND IN TRACHEA; INDENTATIONS ALONG PEDUNCLE AND MARKS NEAR FLIPPERS	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2011	5	27	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	CARCASS; MANY PARALLEL CUTS ACROSS ANIMAL, TREMENDOUS HEMORRHAGING. UPPER JAW TIP BROKEN.	DEAD	NA	1	Y	Y

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HARBOR PORPOISE	N OREGON-WA COAST	2011	6	3	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	CARCASS; MANY PARALLEL CUTS ACROSS ANIMAL, TREMENDOUS HEMORRHAGING.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2011	9	8	UNIDENTIFIED FISHERY INTERACTION	TILLAMOOK	OR	DEAD	CARCASS; SMALL CUTS ON PEDUNCLE; TRAUMA TO HEAD; FOAM IN LUNGS, ANIMAL VERY THIN WITH REDUCED MUSCLE MASS; LOWER SMALL INTESTINES SEEMED DECOMPOSED, ALMOST NECROTIC; URINE BLOODY.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2011	9	19	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	CARCASS; DORSAL FIN CUT OFF; GROOVED MARKS ON DORSAL PEDUNCLE; BLOOD IN THORACIC AND ABDOMINAL CAVITIES; PERFORATED ULCER IN DUODENUM; SOME ORGANS AND LEFT SIDE OF BODY HEMORRHAGED.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2012	1	16	UNIDENTIFIED NET FISHERY	PACIFIC	WA	DEAD	CARCASS; EXCELLENT BODY CONDITION; LINEAR INDENTATIONS ALONG DORSAL PEDUNCLE; LOTS OF FOAM IN RIGHT LUNG; RIB MARK BRUISING ON LUNGS.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2012	2	3	UNIDENTIFIED NET FISHERY	CLATSOP	OR	DEAD	CARCASS; LINEAR MARKS ALONG DORSAL PEDUNCLE; HEMORRHAGE ON HEAD, NECK, AND VARIOUS AREAS OF BODY.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2012	3	7	UNIDENTIFIED FISHERY INTERACTION	LINCOLN	OR	DEAD	CARCASS; SEVERE LINEAR GASHES ON LEFT SIDE OF CAUDAL PEDUNCLE; PARTIALLY SEVERED LEFT LOBE OF FLUKE FLACCID, APPEARS NECROTIC.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2012	3	24	UNIDENTIFIED FISHERY INTERACTION	KING	WA	DEAD	CARCASS; CIRCULAR LINEAR IMPRESSION AT SNOUT; LEFT UPPER JAW AND LOWER JAW MISSING, BUT INJURY MOSTLY HEALED; ANIMAL THIN; FROTH FROM MOUTH	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2012	6	5	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	CARCASS; GOOD TO EXCELLENT BODY CONDITION; THREE GASHES ON PEDUNCLE; POSSIBLE GASHES ON FLUKE; RUBBED AREAS ON HEAD; TEETH IN LOWER JAW DISPLACED; HEMORRHAGE ON HEAD AND LEFT MID-THORAX; LUNGS DENSE	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2012	6	24	UNIDENTIFIED NET FISHERY	CLATSOP	OR	DEAD	CARCASS; RUBBED AREAS AND HEMORRHAGE ON VARIOUS AREAS OF HEAD AND BODY; ODD (KNIFE?) CUTS AND DIAGONAL, FINE-LINED, LINEAR-PATTERNED AREA ON BODY; LEFT LUNG HEAVY AND PALE	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2012	8	16	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	CARCASS; EXCELLENT BODY CONDITION; SERIES OF NON-PARALLEL CUTS AND TWO GASHES ON BODY; BLOOD IN EYES AND FROM BLOWHOLE; HEMORRHAGE ON HEAD AND SIDES OF BODY; FOAM IN LUNGS AND TRACHEA; BLOOD IN ABDOMEN; MILK IN STOMACH AND ESOPHAGUS	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2012	10	31	GILLNET FISHERY	KITSAP	WA	DEAD	CARCASS; ENTANGLED IN FREE-FLOATING GILLNET	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2012	10	31	GILLNET FISHERY	KITSAP	WA	DEAD	CARCASS; TAIL STOCK/FLUKE SEVERED; WHITE FROTH FROM BLOWHOLE; MULTIPLE LINEAR IMPRESSIONS LEADING INTO DEEP LACERATION ON RIGHT FLIPPER; RIGHT EYE PERFORATED AND PENETRATING LACERATION APPROXIMATELY 3 CM BELOW EYE; MULTIPLE NET IMPRESSIONS, ESPECIALLY ON HEAD, FLIPPER, AND DORSAL SURFACE; FOUR PENETRATING (LIKELY GAFF) WOUNDS; PARTIALLY DIGESTED FISH IN STOMACH; FOUND NEAR FREE-FLOATING GILLNET.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2012	11	1	GILLNET FISHERY	SAN JUAN	WA	DEAD	CARCASS; OBSERVED ENTANGLEMENT IN GILLNET FISHERY	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2012	11	3	GILLNET FISHERY	KITSAP	WA	DEAD	CARCASS; MONOFILAMENT LINE MARKS AROUND JAW, ROSTRUM, AND HEAD; TRAILING EDGE OF LEFT PECTORAL FIN SHEARED OFF; WRAP MARK AROUND DORSAL FIN TIP AND LEADING EDGE OF FLUKES; FROTH FROM BLOWHOLE	DEAD	NA	1	Y	Y

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HARBOR PORPOISE	WASHINGTON INLAND WATERS	2012	11	5	UNIDENTIFIED NET FISHERY	KITSAP	WA	DEAD	CARCASS; SLICE OF SKIN MISSING ON LEFT POSTERIOR SIDE OF FLIPPER (SIMILAR TO THREE OTHER RECENT PORPOISE STRANDINGS); VERY FAINT V-SHAPED IMPRESSION ON ROSTRUM; POSSIBLE NEW INDENTATIONS IN BOTH FLUKE AND FLIPPER; HEALED SCARS ON TAIL STOCK	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2012	11	6	UNIDENTIFIED NET FISHERY	ISLAND	WA	DEAD	CARCASS; NECROPSY PHOTOS SHOW LINE IMPRESSIONS WAPPING AROUND HEAD AND TAIL STOCK. TWO LINES COME TO A "V" SHAPE FROM A SINGLE POINT ON THE LEADING EDGE AND ACROSS THE WIDTH OF THE PECTORAL FIN. ANOTHER IMPRESSION WRAPS AROUND THE MIDDLE OF ONE OF THE FLUKES. OBVIOUS SIGNS OF FISHERIES INTERACTION BASED ON EXTERNAL AND INTERNAL OBSERVATION. A REGURGITATED FISH WAS FOUND IN THE ESOPHAGUS INDICATIVE OF STRESS AT THE TIME OF DEATH.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2013	4	21	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	EXCELLENT BODY CONDITION; 7.4 CM LONG CUT THROUGH SIDE OF DORSAL FIN; 13 CM LONG AREA OF LINE MARKS (AVERAGE 1.8 CM IN LENGTH AND 0.5 CM APART) ON ANTERIOR DORSAL PEDUNCLE; SOME BRUISING AT RIGHT DORSAL PEDUNCLE; HEMORRHAGING AT RIGHT SCAPULA AND SUBSCAPULA	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2013	4	29	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	FAIR TO GOOD BODY CONDITION; LOWER JAW POSSIBLY PREVIOUSLY BROKEN (OR TUMOR?) AND PROTRUDING AT ANTERIOR END; TEETH GONE FROM RIGHT UPPER JAW; SOME ORGANS BRUISED/HEMORRHAGED; HEAVY RIB MARKS ON LUNGS; YELLOWISH AND PINK FOAM IN TRACHEA.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	SAN FRANCISCO-RUSSIAN RIVER	2013	6	5	UNIDENTIFIED NET FISHERY	SAN FRANCISCO	CA	DEAD	SCAVENGING AROUND HEAD AND MOUTH; DISTENDED ABDOMEN; SUSPECT FISHERIES INTERACTION DUE TO LINEAR CUTS ON PEDUNCLE TYPICAL OF MONOFILAMENT; FULL TERM FETUS	DEAD	NA	1	Y	Y
HARBOR PORPOISE	MORRO BAY	2013	7	11	MARINE DEBRIS	SAN DIEGO	CA	DEAD	MARINE DEBRIS ENTANGLEMENT; FOUND FULLY ENCLOSED IN A PLASTIC BAG WITH BLOOD AROUND FLUKE	DEAD	NA	1	N	Y
HARBOR PORPOISE	N OREGON-WA COAST	2013	8	11	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	OK BODY CONDITION; HEAVILY SCAVENGED; 13 CM LONG AREA OF LINE MARKS (AVERAGE 1.8 CM IN LENGTH AND 0.5 CM APART) ON DORSAL PEDUNCLE; SOME BRUISING AT RIGHT DORSAL PEDUNCLE; HEMORRHAGING AT RIGHT SCAPULA AND SUBSCAPULA	DEAD	NA	1	Y	Y
HARBOR PORPOISE	MORRO BAY	2013	8	30	UNIDENTIFIED NET FISHERY	SAN DIEGO	CA	DEAD	ENTANGLEMENT SCAR.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2013	10	25	GILLNET FISHERY	KITSAP	WA	DEAD	PHOTOS SHOW ENTANGLEMENT (MONOFILAMENT LINE) MARKINGS AROUND NOSE AND ACROSS ROSTRUM; DAMAGED TRAILING EDGE OF DORSAL FIN	DEAD	NA	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2014	1	3	UNIDENTIFIED FISHERY INTERACTION	JEFFERSON	WA	DEAD	A DEAD HARBOR PORPOISE WAS FOUND. A NECROPSY REVEALED IMPRESSIONS CONSISTENT WITH NET ENTANGLEMENT ON THE ANIMAL.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2014	5	16	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	A HARBOR PORPOISE WAS FOUND DEAD WITH BLOODY EYES, LINE MARKS AND INDENTATIONS ALONG THE ANTERIOR EDGE OF THE FLIPPERS, CUTS AND INDENTATIONS ON THE FLUKE AND PEDUNCLE, HEMORRHAGING ON THE BODY AND ORGANS, FOAM IN LUNGS, AND OTHERWISE EXCELLENT BODY CONDITION. THE REPORTING PARTY BELIEVES THIS EVENT TO BE A FISHERY RELATED MORTALITY AND THE EVIDENCE SUPPORTS THIS CONCLUSION. THE SPECIFIC FISHERY IS UNKNOWN.	DEAD	NA	1	Y	Y

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HARBOR PORPOISE	N OREGON-WA COAST	2014	5	16	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	A HARBOR PORPOISE WAS FOUND DEAD WITH A SERIES OF PARALLEL MARKS ALONG ITS PEDUNCLE, BLOODY FOAM IN LUNGS, HEMORRHAGING THROUGHOUT BODY AND ORGANS, AND A BROKEN RIB. THE REPORTING PARTY BELIEVES THIS EVENT TO BE A FISHERIES RELATED MORTALITY AND THE EVIDENCE SUPPORTS THIS CONCLUSION. THE SPECIFIC FISHERY IS UNKNOWN.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2014	5	19	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	A HARBOR PORPOISE WAS FOUND DEAD WITH A SERIES OF PARALLEL CUTS ON ITS FLUKE. THE DORSAL FIN AND RIGHT FLIPPER WERE CUT OFF. THERE WAS TREMENDOUS HEMORRHAGING THROUGHOUT THE BODY AND HEAD. THE REPORTING PARTY BELIEVES THIS EVENT TO BE A FISHERIES RELATED MORTALITY AND THE EVIDENCE SUPPORTS THIS CONCLUSION. THE SPECIFIC FISHERY IS UNKNOWN.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	SAN FRANCISCO-RUSSIAN RIVER	2014	7	24	UNIDENTIFIED NET FISHERY	SAN MATEO	CA	DEAD	SKULL HAS LARGE DEPRESSION FRACTURE WITH BONE LOSS OVER LEFT REAR OF SKULL. ALSO, DORSAL FIN, FLIPPERS, AND TAIL FLUKES APPEAR TO BE CUT OFF. VERY NEAT EDGES TO ALL FLUKES, FINS, AND FLIPPERS. NET MARKS ON CARCASS.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N CALIFORNIA-S OREGON	2014	8	28	VESSEL STRIKE	COOS	OR	DEAD	A HARBOR PORPOISE WAS FOUND WITH MULTIPLE SEVERE PROPELLOR WOUNDS AND THE CAUDAL PEDUNCLE WAS ALSO CUT OFF. THE PORPOISE WAS OTHERWISE IN GOOD BODY CONDITION.	DEAD	NA	1	N	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2014	9	21	UNIDENTIFIED NET FISHERY	ISLAND	WA	DEAD	MONOFILAMENT IMPRESSIONS AROUND THE HEAD AND ROSTRUM.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	N OREGON-WA COAST	2014	11	5	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	A HARBOR PORPOISE WAS FOUND DEAD WITH A SERIES OF SMALL, EVENLY SPACED SLASHES ON THE LEFT SIDE OF ITS DORSAL FIN. SMALL CUTS ON ITS RIGHT SIDE, ROPE INDENTATIONS AROUND THE PEDUNCLE AND HEMORRHAGING THROUGHOUT THE BODY. THE ANIMAL WAS IN EXCELLENT BODY CONDITION. THE REPORTING PARTY BELIEVES THIS EVENT TO BE A FISHERIES RELATED MORTALITY AND THE EVIDENCE SUPPORTS THIS CONCLUSION. THE SPECIFIC FISHERY IS UNKNOWN.	DEAD	NA	1	Y	Y
HARBOR PORPOISE	NORTHERN OREGON-WASHINGTON COAST	2015	4	2	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	A HARBOR PORPOISE WAS FOUND DEAD WITH SIGNS THAT IT HAD BEEN ENTANGLED / ENTRAPPED BY FISHERY GEAR. THE CARCASS EXHIBITED INDENTATIONS AND ABRASIONS ON ITS FLUKE, HEMORRHAGE THROUGHOUT THE BODY, AND EXTENSIVE BLOODY FOAM IN THE MOUTH, TRACHEA, AND LUNGS.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2015	5	13	VESSEL STRIKE	SAN JUAN	WA	DEAD	A HARBOR PORPOISE WAS FOUND FRESHLY DEAD WITH 8 SUBSTANTIAL TRANSVERSE CUTS ON ITS DORSAL SIDE THAT APPEARED TO BE A PROPELLER INJURY.	DEAD	N/A	1	N	Y
HARBOR PORPOISE	NORTHERN OREGON-WASHINGTON COAST	2015	6	3	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	A SUBADULT FEMALE HARBOR PORPOISE WAS FOUND DEAD. THE CARCASS EXHIBITED LINEAR MARKS ON THE VENTRAL PEDUNCLE AT THE FLUKE, HEMORRHAGE ON BOTH SIDE OF THE HEAD AND UNDER THE JAW, AND FOAM IN THE LUNGS.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	NORTHERN OREGON-WASHINGTON COAST	2015	7	27	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	A HARBOR PORPOISE CARCASS WAS FOUND IN OCEAN PARK, WA. A NECROPSY WAS CONDUCTED AND A SUBSTANTIAL AMOUNT OF WHITE FOAM WAS PRESENT IN BRONCHI, THERE WERE RIB MARKS ON THE RIGHT LUNG AND LIVER, THERE WERE SEVERAL GOUGES ON THE VENTRAL PEDUNCLE AND FLUKE, AND DAMAGE TO THE PORPOISE'S EYES.	DEAD	N/A	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

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HARBOR PORPOISE	NORTHERN OREGON-WASHINGTON COAST	2015	8	2	UNIDENTIFIED FISHERY INTERACTION	PACIFIC	WA	DEAD	A HARBOR PORPOISE WAS FOUND DEAD. A NECROPSY IDENTIFIED BLOODY FOAM IN THE TRACHEA; HEMORRHAGING IN THE HEAD, BODY, AND ORGANS; AND INDENTATIONS ON THE DORSAL AND VENTRAL PEDUNCLE.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	NORTHERN OREGON-WASHINGTON COAST	2015	8	19	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	A HARBOR PORPOISE WAS FOUND DEAD AND IN GOOD BODY CONDITION WITH WHITE FOAM IN BOTH LUNGS, RIB MARKS ON ITS INTERNAL ORGANS, AND ODD INDENTATIONS ON THE DORSAL PEDUNCLE.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	MONTEREY	2015	8	26	HOOK AND LINE FISHERY	MONTEREY	CA	DEAD	FRESHLY-DEAD PORPOISE FOUND FLOATING IN HARBOR. FISHING LINE STUCK IN MOUTH.	DEAD	NA	1	N	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2015	10	14	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	DEAD	AN ADULT MALE HARBOR PORPOISE WAS DISCOVERED DEAD. IT APPEARED THAT THE ANIMAL DIED AS A RESULT OF A FISHERY INTERACTION (ENTANGLEMENT AND GAFFING). THE ANIMAL EXHIBITED MULTIPLE LINEAR IMPRESSIONS THAT TURNED INTO LACERATIONS AT THE MOUTH, ROSTRUM, FLUKE, DORSAL FIN, AND FLIPPER. THERE WERE THREE PUNCTURES ON THE ANIMAL'S LEFT SIDE, ONE OF WHICH TRACKED INTO THE BRAIN. NECROPSY SHOWED THAT THE PRIMARY CAUSE OF DEATH APPEARED TO BE GAFFING. THERE WERE ACTIVE FISHERIES OCCURRING AT THE TIME OF THIS STRANDING.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2015	11	4	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	DEAD	AN ADULT FEMALE HARBOR PORPOISE WAS FOUND DEAD WITH LINEAR LACERATIONS ON BOTH SIDES OF THE HEAD. THERE WAS ALSO A CLEANLY CUT FILET REMOVED FROM THE ANIMAL AND THE RIGHT BACKSTRAP WAS ALSO REMOVED. THIS IS ONE OF THREE PORPOISE FOUND AT THE SAME TIME AND LOCATION, ALL BELIEVED TO HAVE BEEN ENTANGLED IN FISHING GEAR.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2015	11	4	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	DEAD	AN ADULT FEMALE HARBOR PORPOISE WAS FOUND DEAD. THERE WERE LINEAR LACERATIONS ON BOTH SIDES OF THE HEAD AND DOWN BOTH SIDES OF ITS BODY, WITH MORE LACERATIONS ON THE RIGHT SIDE OF THE BODY. THERE WERE ALSO IMPRESSIONS, NICKS, AND CUTS ON THE FLUKE. THIS IS ONE OF THREE PORPOISE FOUND AT THE SAME TIME AND LOCATION, ALL BELIEVED TO HAVE BEEN ENTANGLED IN FISHING GEAR.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	WASHINGTON INLAND WATERS	2015	11	4	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	DEAD	AN ADULT FEMALE HARBOR PORPOISE WAS FOUND DEAD, WITH LACERATIONS AND IMPRESSIONS ON BOTH SIDES OF ITS HEAD AND BODY. THERE WERE NICKS AND LACERATIONS ON BOTH THE LEFT AND RIGHT FLIPPER. THIS IS ONE OF THREE PORPOISE FOUND AT THE SAME TIME AND LOCATION, ALL BELIEVED TO HAVE BEEN ENTANGLED IN FISHING GEAR.	DEAD	N/A	1	Y	Y
HARBOR PORPOISE	SAN FRANCISCO-RUSSIAN RIVER	2015	11	15	GILLNET FISHERY	MARIN	CA	ALIVE	ENTANGLEMENT SCARS, DIED AFTER TRANSFER TO REHAB FACILITY.	DEAD	S1	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	3	22	MARINE DEBRIS	KITSAP	WA	SI	LIVE ANIMAL WITH ROPE OR LINE AROUND NECK AND TOP OF HEAD.	SI	P8A	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	4	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	POWER PLANT ENTRAINMENT	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	4	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL CAPTURED AND RELEASED	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2011	4	25	SHOOTING	MARIN	CA	DEAD	NECROPSY PERFORMED	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	4	29	HARASSMENT	MONTEREY	CA	SI	VERY YOUNG PUP (1-2 INCH UMBILICUS PRESENT) ILLEGALLY REMOVED FROM BEACH BY MEMBER OF THE PUBLIC. BROUGHT TO REHABILITATION CENTER.	SI	P14	1	N	Y

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HARBOR SEAL	OREGON-WASHINGTON COAST	2011	5	19	HOOK AND LINE FISHERY	LINCOLN	OR	SI	FISH HOOK IN MOUTH; ANIMAL CAPTURED; HOOK REMOVED, AND RELEASED	NSI	P5C	0	N	N
HARBOR SEAL	CALIFORNIA	2011	5	29	HARASSMENT	MENDOCINO	CA	SI	DEPENDENT PUP ILLEGALLY REMOVED FROM BEACH. DIED DURING TRANSPORT BACK TO BEACH.	DEAD	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	5	30	HOOK AND LINE FISHERY	TILLAMOOK	OR	SI	TREMBLING NOTED INITIALLY; CONVULSIONS AND VOMITING REPORTED JUST PRIOR TO DEATH; FISH HOOK WITH LURE AND LINE HAD PERFORATED INTESTINES; SUBSTANTIAL HEMORRHAGE THROUGHOUT	DEAD	P2	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	6	4	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2011	6	7	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2011	6	12	GILLNET FISHERY	VENTURA	CA	SI	SEAL ENTANGLED IN GREEN MONOFILAMENT GILLNET. LACERATIONS AROUND NECK. NETTING REMOVED AND ANIMAL SENT TO REHAB FACILITY. FINAL STATUS UNKNOWN.	SI	P8A	1	Y	Y
HARBOR SEAL	CALIFORNIA	2011	7	4	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	EXTREMELY THIN AND LETHARGIC. UNABLE TO LIFT HEAD AND OFFERED NO RESISTANCE WHEN PICKED UP. XRAY SHOWED FISH HOOK IN LOWER GI TRACT. TAKEN TO REHAB FACILITY. FINAL STATUS UNKNOWN.	SI	P2	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	7	9	VESSEL STRIKE	CLATSOP	OR	DEAD	CARCASS; EXCELLENT BODY CONDITION; PROPELLER CUTS AT LEFT AXILLA AND LEFT ANKLE; TREMENDOUS HEMORRHAGING AROUND NECK, PROPELLER CUTS, AND PELVIC AREA	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	7	15	HOOK AND LINE FISHERY	WHATCOM	WA	DEAD	CARCASS FOUND WITH HOOK THROUGH LIP	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	7	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN POWER PLANT COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	8	1	DOG ATTACK	LINCOLN	OR	SI	LIVE PUP REPORTEDLY ATTACKED BY THREE DOGS	DEAD	P9	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	8	1	SCIENTIFIC RESEARCH	TILLAMOOK	OR	DEAD	CARCASS; CAUGHT ON HOOK OF IPHC (INTERNATIONAL PACIFIC HALIBUT COMMISSION) LONGLINE GEAR	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	8	11	HOOK AND LINE FISHERY	KING	WA	DEAD	CARCASS; PIECE OF FISHING LINE AND REMNANT OF HOOK FOUND IN LARGE INTESTINES	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	8	29	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	8	30	VESSEL STRIKE	SKAGIT	WA	DEAD	CARCASS; CRESCENT-SHAPED GASH IN LEFT SIDE BELOW RIBS WITH INTERNAL ORGANS PROTRUDING, AS WELL AS GASH ON SIDE OF HEAD CAUSED BY SMALL BOAT PROPELLER; LEFT EYE GONE	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	9	5	HOOK AND LINE FISHERY	KING	WA	NSI	FISH HOOK IN FACE	NSI	P5B	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	9	8	SHOOTING	ISLAND	WA	DEAD	CARCASS; GOOD BODY CONDITION; BULLET WOUND (30 MM X 20 MM) BEHIND LEFT EAR OPENING; EXIT WOUND (70 MM X 70 MM) 4.5 CM BELOW AND TO RIGHT OF RIGHT EAR; THIRD HOLE (40 MM) 27 MM DIRECTLY BELOW RIGHT EAR; NO BULLETS OR FRAGMENTS FOUND.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	9	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	NSI	P9	0	N	N
HARBOR SEAL	SOUTHERN PUGET SOUND	2011	9	12	SHOOTING	THURSTON	WA	DEAD	CARCASS; TRACKING WOUND ON LEFT SIDE OF TOP OF SKULL WITH ASSOCIATED HEMORRHAGING; TOP OF SKULL SHATTERED AND HEMORRHAGING IN BRAIN TISSUE	DEAD	NA	1	N	Y

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HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	9	14	UNIDENTIFIED FISHERY INTERACTION	SAN JUAN	WA	SI	PHOTO OF LIVE PUP SHOWED SOME FISHING GEAR ATTACHED TO ITS REAR FLIPPERS; ANIMAL NEVER LOCATED SO UNABLE TO EXAMINE. GEAR MAY IMPEDE ABILITY TO FEED AND TRAVEL.	SI	P6	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2011	9	19	GILLNET FISHERY, TRIBAL	KING	WA	NSI	LIVE ENTANGLEMENT IN TRIBAL FISHING NET; ANIMAL DISENTANGLED AND RELEASED	NSI	P7B	0	N	N
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	9	23	PACIFIC WHITING TRAWL FISHERY	GRAYS HARBOR	WA	DEAD	CARCASS; BROUGHT IN WITH CARGO OF WHITING FISHING VESSEL; APPEARED TO HAVE DIED IN TRAWL NET OR IN CARGO HULL	DEAD	NA	1	Y	Y
HARBOR SEAL	CALIFORNIA WASHINGTON NORTHERN INLAND WATERS	2011	9	25	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA WASHINGTON NORTHERN INLAND WATERS	2011	9	29	GILLNET FISHERY	KITSAP	WA	DEAD	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	DEAD	NA	1	Y	Y
HARBOR SEAL	CALIFORNIA	2011	10	14	GILLNET FISHERY	SAN DIEGO	CA	SI	ADULT HARBOR SEAL WITH FISHING NET DEEPLY CUTTING INTO NECK.	SI	P8A	1	Y	Y
HARBOR SEAL	CALIFORNIA	2011	10	16	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	SI	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. CAPTURED AND DIED DURING TRANSPORT TO RELEASE SITE	DEAD	P9	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	10	25	SHOOTING	PACIFIC	WA	DEAD	CARCASS; SMALL BULLET HOLE WITH ASSOCIATED HEMORRHAGING IN ABDOMEN; INTESTINES TIGHTLY TWISTED; LOTS OF FLUID IN ABDOMINAL AND THORACIC CAVITIES	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	10	30	GILLNET FISHERY	GRAYS HARBOR	WA	DEAD	CARCASS; ENTANGLED IN MONOFILAMENT NET; CIRCULAR HOLE ON LEFT DORSAL SIDE OF THORACIC AREA (LIKELY GAFF RATHER THAN BULLET HOLE), WITH ABDOMEN CUT OPEN.	DEAD	NA	1	Y	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2011	11	1	GILLNET FISHERY	GRAYS HARBOR	WA	DEAD	CARCASS; ENTANGLED IN APPROXIMATELY 36-FT MONOFILAMENT NET WITH LEAD LINE ATTACHED AND TWINE THAT WAS USED TO REPAIR HOLES IN THE NET.	DEAD	NA	1	Y	Y
HARBOR SEAL	CALIFORNIA	2011	11	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	HOOD CANAL	2011	11	20	GILLNET FISHERY, TRIBAL	MASON	WA	DEAD	REPORTED TO NOAA BY TRIBE AS KILLED IN GILLNET	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2011	11	20	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM AND RELEASED	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2012	1	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. ANIMAL RELEASED AT BEACH WITH NO INJURIES.	NSI	P9	0	N	N
HARBOR SEAL	SOUTHERN PUGET SOUND	2012	1	6	SHOOTING	PIERCE	WA	DEAD	CARCASS; RADIOGRAPH SHOWED BULLET IN HEAD AND COMPOUND SKULL FRACTURE; MARKED HEMORRHAGE IN BRAIN CAVITY; STOMACH HAD PARTIALLY DIGESTED FISH	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	1	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	2	2	HARASSMENT	SANTA BARBARA	CA	SI	UNWEANED PUP SEPARATED FROM MOTHER BY DOGS NOT UNDER CONTROL OF OWNER. ANIMAL DIED IN REHAB CENTER.	DEAD	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	2	4	SHOOTING	LINCOLN	OR	DEAD	CARCASS; LIKELY GUNSHOT WOUND TO ORBITAL AREA OF LEFT EYE--SHATTERED ETHMOID, LACRIMAL, AND ZYGOMATIC BONES	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	2	6	HARASSMENT	SANTA BARBARA	CA	SI	UNWEANED PUP SEPARATED FROM MOTHER BY DOGS NOT UNDER CONTROL OF OWNER. ANIMAL RELEASED FROM REHABILITATION CENTER. TAGGED WITH ROTOTAG # 17896	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	2	11	HARASSMENT	SANTA BARBARA	CA	SI	UNWEANED PUP SEPARATED FROM MOTHER BY DOGS NOT UNDER CONTROL OF OWNER. ANIMAL RELEASED FROM REHABILITATION CENTER. TAGGED WITH ROTOTAG # 17897	SI	P14	1	N	Y

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HARBOR SEAL	CALIFORNIA	2012	2	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	3	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	3	10	SHOOTING	CLATSOP	OR	DEAD	CARCASS; BULLET HOLES AND TRACKS WITH ASSOCIATED HEMORRHAGING	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	4	1	HOOK AND LINE FISHERY	KING	WA	DEAD	CARCASS; ENTANGLED IN MONOFILAMENT LINE	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	4	3	HARASSMENT	SAN LUIS OBISPO	CA	NSI	HARASSED, ILLEGAL PICK-UP, TRANSFERRED TO REHAB FACILITY, TREATED AND RELEASED.	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2012	4	5	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	4	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. RELEASED TO BEACH WITHOUT INJURIES.	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2012	4	13	HARASSMENT	MONTEREY	CA	SI	HARASSED; ILLEGAL PICK UP; MATERNAL SEPARATION; 3 INCH LONG WET UMBILICUS PRESENT; GOOD BODY CONDITION; NON-RESPONSIVE, NOT VOCAL, SHIVERING; ANIMAL TRANSFERRED TO REHAB FACILITY, WHERE IT DIED	DEAD	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	4	15	HOOK AND LINE FISHERY	GRAYS HARBOR	WA	DEAD	CARCASS; FISHING LINE FOUND IN INTESTINE OF ANIMAL; PERITONITIS AND BUNCHED UP INTESTINE AT LOCATION OF FISHING LINE OBSTRUCTION	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	4	20	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. RELEASED TO BEACH WITHOUT INJURIES.	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2012	4	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL FOUND IN POWER PLANT INTAKE SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	5	12	HARASSMENT	DEL NORTE	CA	NSI	ILLEGAL PICK UP BY MEMBER OF PUBLIC, WHO WAS INSTRUCTED TO RETURN IT TO WHERE IT WAS FOUND; ILLEGAL PICK UP AND RELOCATION BY ANOTHER COUPLE, WHO CALLED IT IN AS A STRANDING; TAGGED WITH ORANGE ROTOTAG #7553	NSI	P9	0	N	N
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	5	19	SHOOTING	PACIFIC	WA	DEAD	CARCASS; SHOT IN NECK/SCAPULAE AREAS; EXCELLENT BODY CONDITION; UTERUS DISTENDED; MILK IN MAMMARY GLANDS	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	5	21	VEHICLE COLLISION	PACIFIC	WA	DEAD	CARCASS; CAUSE OF DEATH APPEARS TO BE TRAUMA FROM SMALL-WHEELED VEHICLE; LEFT EYE BULGING; TONGUE BITTEN; ABRASIONS ALL ALONG VENTRAL SIDE, HAIR RUBBED OFF IN 4-CM-WIDE, 51-CM-LONG STRIPE	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	5	23	VESSEL STRIKE	DEL NORTE	CA	SI	BOAT STRIKE CAUSING SEVERE HEAD TRAUMA, LABORED BREATHING, AND BILATERAL MAXILLARY FRACTURES; ANIMAL DIED IN REHAB FACILITY; CAUSE OF DEATH = SEVERE HEAD TRAUMA	DEAD	P15	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	6	14	HOOK AND LINE FISHERY	SAN FRANCISCO	CA	SI	MEMBER OF PUBLIC SCOOPED ANIMAL OUT OF WATER WITH NET, REMOVED FISHING HOOK, LINE, AND WEIGHT AND THREW THEM BACK INTO WATER, AND PLACED ANIMAL ON DOCK; MILDLY UNDERWEIGHT, ACTIVE, ALERT; SMALL ABRASION ON LOWER LIP; TRANSFERRED TO REHAB, TREATED AND RELEASED.	NSI	P5C	0	N	N
HARBOR SEAL	CALIFORNIA	2012	6	15	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	6	16	HOOK AND LINE FISHERY	GRAYS HARBOR	WA	SI	NO SIGNS OF TRAUMA, EYES CLEAR AND ALERT, SHAKING; DIED OVERNIGHT; FOUND APPROXIMATELY 6 INCHES OF FISHING LINE IN STOMACH; POSSIBLY ATTACKED BY DOG WHILE STILL ALIVE	DEAD	P2, P9	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	6	18	SHOOTING	ISLAND	WA	DEAD	CARCASS; GUNSHOT TO HEAD, JUST BEHIND EYES; BULLET EXITED ON OTHER SIDE	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	6	18	SHOOTING	PACIFIC	WA	DEAD	CARCASS; TWO BULLET HOLES IN NECK WITH ASSOCIATED HEMORRHAGE; ABDOMINAL ORGANS HEMORRHAGED; BRUISING ALONG DORSAL SPINE; GOUGE MARK ON RIGHT VENTRAL HIND FLIPPER	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	7	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. RELEASED TO BEACH.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	7	8	HARASSMENT	SKAGIT	WA	SI	PUBLIC USE OF BEACH SEPARATED MOTHER AND PUP; PUP DIED	DEAD	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	7	13	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	7	15	POWER PLANT ENTRAINMENT NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	CLALLAM	WA	DEAD	FISHERMAN SELF REPORT. EXACT DATE NOT GIVEN, THUS MID-MONTH (DAY=15) IS USED.	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	7	15	NORTHERN WASHINGTON OCEAN TROLL FISHERY, TRIBAL	CLALLAM	WA	DEAD	FISHERMAN SELF REPORT. EXACT DATE NOT GIVEN, THUS MID-MONTH (DAY=15) IS USED.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	8	1	DOG ATTACK	SNOHOMISH	WA	SI	LIVE PUP HAD SEVERAL PUNCTURE WOUNDS FROM DOG ATTACK; TRANSFERRED TO REHAB AND DIED	DEAD	P9	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	8	1	DOG ATTACK	SNOHOMISH	WA	SI	LIVE PUP HAD 5 PUNCTURE WOUNDS (2 ON LEFT HIP, 2 ON RIGHT HIP, AND A DEEP ONE ON LEFT LATERAL SIDE) FROM DOG ATTACK; TRANSFERRED TO REHAB AND DIED	DEAD	P9	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	8	11	VESSEL STRIKE	SAN JUAN	WA	DEAD	PUP SUCKED INTO INTAKE VALVE OF IDLING, LARGE, COMMERCIAL CATAMARAN; DECAPITATED CARCASS HAD SEMICIRCULAR LACERATIONS ON THORAX	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	8	12	SHOOTING	WHATCOM	WA	DEAD	CARCASS; ADULT FEMALE WITH MULTIPLE GUNSHOT WOUNDS.	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	8	14	SHOOTING	PACIFIC	WA	DEAD	CARCASS; CLEAR ENTRANCE/EXIT BULLET HOLES IN BODY WITH ASSOCIATED HEMORRHAGE AND THREE BROKEN RIBS	DEAD	NA	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2012	8	20	SHOOTING	PIERCE	WA	DEAD	CARCASS; TRACKING WOUND; MARKED HEMORRHAGE FROM ENTRY WOUND IN FRONT OF LEFT EAR TO BEHIND LEFT EYE, WHERE PELLET WAS LODGED IN SKULL	DEAD	NA	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2012	8	20	VESSEL STRIKE	PIERCE	WA	DEAD	PUP OBSERVED STRUCK BY VESSEL; CARCASS FOUND ON BEACH NEXT DAY WITH TWO, LARGE, PARALLEL (CRESCENT-SHAPED), PENETRATING LACERATIONS--TRANSVERSE TO THE RIGHT DORSAL SIDE	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	8	21	VESSEL STRIKE	SAN MATEO	CA	SI	SEVERAL GASHES ON STOMACH; LETHARGIC, ALLOWING PEOPLE TO APPROACH; DIED IN REHAB	DEAD	P15	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	9	2	SHOOTING	CLATSOP	OR	DEAD	CARCASS; VERY GOOD BODY CONDITION; DISTINCT BULLET HOLE AT LEFT DORSAL NASAL AREA AND EXIT WOUND AT PALATE; EXTENSIVE TRAUMA ALONG ENTIRE LEFT SIDE AND ON RIGHT VENTRAL SURFACE, PROBABLY DUE TO A SECOND BULLET	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	9	4	VESSEL STRIKE	SAN JUAN	WA	DEAD	DEAD PUP WITH TWO SYMMETRICAL CUTS ACROSS ABDOMEN CONSISTENT WITH PROPELLER WOUNDS; MULTIPLE RIB FRACTURES ASSOCIATED WITH EXTERNAL WOUNDS; LACERATIONS OF HEART, RIGHT LUNG, SPLEEN, AND LIVER; HEMORRHAGE OF RIGHT ADRENAL AND LEFT KIDNEY	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	9	6	SHOOTING	PACIFIC	WA	DEAD	CARCASS; CLEAR BULLET HOLE IN NECK; SKULL SHATTERED	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	9	8	VESSEL STRIKE	JEFFERSON	WA	DEAD	CARCASS; TWO DEEP LACERATIONS APPROXIMATELY 12 INCHES APART; ANTERIOR LACERATION SEVERED RIBS, LUNG, AND LIVER ON RIGHT SIDE; POSTERIOR LACERATION SEVERED LUMBAR SPINE, SPINAL CORD, AND COLON	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	9	15	DOG ATTACK	WHATCOM	WA	SI	LIVE PUP WITH BITE WOUNDS DIED DURING EXAM; MALNUTRITION COMPLICATED BY BITE WOUNDS WAS SUSPECTED CAUSE OF DEATH	DEAD	P9	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	9	18	VESSEL STRIKE	PIERCE	WA	DEAD	DEAD PUP WITH CURVED WOUNDS AND IMPRESSIONS CONSISTENT WITH PROPELLER INJURIES	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	9	20	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	ANIMAL FOUND IN POWER PLANT INTAKE SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	9	22	SHOOTING/HOOK AND LINE FISHERY	CLATSOP	OR	DEAD	CARCASS; ANIMAL VERY THIN; THREE FISH HOOKS LOOSE IN STOMACH; SHOTGUN PELLETS IN LEFT NOSE; SUBSTANTIAL HOLE IN LEFT ORBITAL BONE, WITH ASSOCIATED HEMORRHAGE; HEMORRHAGE AROUND BOTH EYE SOCKETS AND SIDES OF NOSE; SUSPICIOUS HOLE MIDWAY ALONG BLADDER	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	9	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	9	26	SHOOTING	PACIFIC	WA	DEAD	CARCASS; PENETRATING WOUND ON LEFT CHEEK, APPROXIMATELY 3 CM BELOW EYE, WITH TRACKING WOUND INTO UPPER CHEEK	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	10	4	GILLNET FISHERY	JEFFERSON	WA	DEAD	CARCASS; DIAMOND-SHAPED PATTERN IMPRINTED ON PELT; HISTOPATHOLOGY CONFIRMED PULMONARY HEMORRHAGE AND CONGESTION.	DEAD	NA	1	Y	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	10	15	HOOK AND LINE FISHERY	GRAYS HARBOR	WA	DEAD	CARCASS; TWO FISH HOOKS WITH FISHING LINE FOUND IN STOMACH; NO INDICATION OF INFECTION IN STOMACH; LINEAR LACERATION INSIDE MOUTH, POSSIBLY FROM INGESTED FISH HOOKS	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	10	15	NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	CLALLAM	WA	DEAD	FISHERMAN SELF REPORT. EXACT DATE NOT GIVEN, THUS MID-MONTH (DAY=15) IS USED.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	10	15	NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	CLALLAM	WA	DEAD	FISHERMAN SELF REPORT. EXACT DATE NOT GIVEN, THUS MID-MONTH (DAY=15) IS USED.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2012	10	17	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM. RELEASED ALIVE TO BEACH.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2012	10	25	VESSEL STRIKE	WHATCOM	WA	DEAD	CARCASS; GOOD BODY CONDITION; FLESH MISSING FROM SKULL, ENDING IN CONCISE LINE BEHIND SKULL; TOP OF SKULL INTACT WITH BROKEN SHARD COVERING BOTTOM HALF OF BRAIN; LEFT HIP/UPPER LEG BONE PROTRUDING FROM BODY	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2012	11	4	SHOOTING	LINCOLN	OR	DEAD	CARCASS; GUNSHOT WOUND TO HEAD; ENTRY WOUND JUST VENTRAL AND CAUDAL TO RIGHT LOWER JAW; EXIT WOUND AT LOWER LEFT JAW; FRACTURED DENTARY	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	1	28	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM; RELEASED TO BEACH.	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2013	1	28	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM; RELEASED TO BEACH	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2013	2	7	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	2	13	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM; NO INJURIES; RELEASED TO BEACH	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2013	2	25	HARASSMENT	MONTEREY	CA	SI	ILLEGAL PICK UP; MATERNAL SEPARATION; PICKED UP OUT OF SURF BY MEMBER OF PUBLIC AND PLACED AGAINST SIDE OF CLIFF; LANUGO COAT, UMBILICUS PRESENT; MODERATELY UNDERWEIGHT	SI	P14	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	CALIFORNIA	2013	3	9	HARASSMENT	HUMBOLDT	CA	SI	MATERNAL SEPARATION; ILLEGAL PICK UP BY PUBLIC WHO KEPT IT IN BATHTUB FOR UNDISCLOSED AMOUNT OF TIME; FEVER, UNDERWEIGHT; VOLUNTEERS PUT PUP BACK WHERE IT WAS FOUND; WHEN MOTHER DID NOT RETURN, PUP WAS TRANSFERRED TO REHAB	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	3	12	HARASSMENT	SAN DIEGO	CA	SI	MATERNAL SEPARATION; BROUGHT TO LIFEGUARDS; THIN, DEHYDRATED	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	3	12	HARASSMENT	MONTEREY	CA	SI	ILLEGAL PICK UP; MATERNAL SEPARATION; HARASSED; WRAPPED IN TOWEL AND MOVED TOWARD PARKING LOT BY MEMBER OF PUBLIC; LANUGO COAT; 3-INCH FRESH PINK UMBILICUS; EMACIATED	SI	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	3	17	SHOOTING	PACIFIC	WA	DEAD	EXCELLENT BODY CONDITION; ALMOST ENTIRE SKULL "BLOWN AWAY"; SOME HEMORRHAGE IN BODY; BLOODY FLUID IN THORACIC AND ABDOMINAL CAVITIES; UTERUS/FETUS COMPLETELY DETACHED AND UTERUS TORN; INTESTINES TWISTED	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	3	19	SHOOTING	PACIFIC	WA	DEAD	EXCELLENT BODY CONDITION AND BLUBBER LAYER; 7 X 8 CM HOLE IN DORSAL SKULL; ENTIRE SKULL SHATTERED; LEFT EYE BLOODY; RIGHT EYE GONE; BLOOD FROM NOSE AND MOUTH; BLOOD IN THORACIC AND ABDOMINAL CAVITIES	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	3	24	SHOOTING	PACIFIC	WA	DEAD	EXCELLENT BODY CONDITION; SHOTGUN PELLET HOLES THROUGH SKIN OF HEAD AND MOUTH; PELLET HOLES IN SKULL; HEMORRHAGE IN SOME ORGANS AND VARIOUS AREAS OF BODY; MODERATE BLOOD IN THORACIC AND ABDOMINAL CAVITIES	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	4	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	4	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	4	6	HARASSMENT	MONTEREY	CA	SI	ILLEGAL PICK UP; MATERNAL SEPARATION; HARASSED; PICKED UP BY PUBLIC, WRAPPED IN TOWEL, AND PLACED ELSEWHERE ON BEACH; EMACIATED	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	4	6	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	4	10	SHOOTING	COWLITZ	WA	DEAD	X-RAY REVEALED BULLET AND POSSIBLE FRAGMENTS IN PELVIC AREA, BULLET/PELLET FRAGMENTS IN SKULL	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	4	17	SHOOTING	CLATSOP	OR	DEAD	GOOD BODY CONDITION; EYES BULGING; BLOOD FROM NOSE AND MOUTH; TREMENDOUS DEEP HEMORRHAGE IN HEAD, NECK, AND VARIOUS AREAS OF BODY AS WELL AS SOME INTERNAL ORGANS; BLOOD IN THORACIC CAVITY; INTESTINES TWISTED	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	5	20	SHOOTING	CLATSOP	OR	DEAD	EXCELLENT BODY CONDITION; SKULL EXPOSED; BULLET FOUND IN BODY; BULLET HOLES IN SKULL AND BODY; SPINE FRACTURED FROM BULLET; PELVIS FRACTURED; TREMENDOUS HEMORRHAGE THROUGHOUT MUCH OF ANIMAL; GENITAL AREA SWOLLEN; INTESTINES AND FETUS TWISTED	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	5	30	HOOK AND LINE FISHERY	PACIFIC	WA	DEAD	HEAD REMOVED, FISH HOOK AND LINE IN INTESTINES; VERTEBRAE APPEARED BROKEN AT POSTERIOR END OF ANIMAL WITH ASSOCIATED HEMORRHAGE; LEFT SIDE OF PELVIS HEMORRHAGED; ABDOMINAL ORGANS BROWNISH GRAY AND SOUPY AS IF AFFECTED BY GASTRIC FLUID	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	6	8	HARASSMENT	PIERCE	WA	NSI	HARASSMENT; MEMBERS OF PUBLIC PUSHED PUP ON BEACH BACK INTO WATER; POSSIBLE ACOUSTIC HARASSMENT; ACTIVE PILE-DRIVING IN VICINITY OF BEACH	NSI	P9	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	6	9	HARASSMENT	PIERCE	WA	NSI	HARASSMENT; REPORTS THAT MEMBERS OF PUBLIC WERE PUTTING PUP BACK IN WATER; NO SIGN OF FEMALE ATTENDING PUP; NUMEROUS PEOPLE AND DOGS PRESENT	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2013	6	25	DOG ATTACK	HUMBOLDT	CA	SI	DOG BITES, NO OTHER DETAILS PROVIDED.	SI	P9	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	6	27	AQUACULTURE FACILITY ENTANGLEMENT	MASON	WA	DEAD	FOUND ENTANGLED IN GEODUCK AQUACULTURE NETTING; LINEAR IMPRESSION ACROSS NECK AT BASE OF LOWER JAW, SWELLING IN NECK AND SHOULDER AREA, NAIL BROKEN ON FIRST DIGIT OF RIGHT FLIPPER, AND WATER AT BASE OF LUNGS CONSISTENT WITH ENTANGLEMENT AND SUBSEQUENT DROWNING; INSIDE OF LIPS BLUE; CONJUNCTIVA RED BLOOD COMING FROM NOSE; HIND FLIPPERS SWOLLEN	DEAD	NA	1	Y	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	7	1	HARASSMENT	THURSTON	WA	SI	ILLEGAL PICK UP; MATERNAL SEPARATION; PUP WAS FREQUENTLY HAULING OUT NEAR BOATS BUT FEMALE WAS COMING AT NIGHT TO FEED IT	SI	P14	1	N	Y
HARBOR SEAL	HOOD CANAL	2013	7	1	HARASSMENT	MASON	WA	SI	ILLEGAL PICK UP; MEMBER OF PUBLIC CONTINUED TO FEED AND HOLD PUP AFTER REPEATEDLY ADVISED NOT TO; PUP ABANDONED DUE TO HUMAN INTERFERENCE AND POSSIBLY PREMATURITY	SI	P14	1	N	Y
HARBOR SEAL	HOOD CANAL	2013	7	4	HARASSMENT	JEFFERSON	WA	SI	ILLEGAL PICKUP; MEMBERS OF PUBLIC REFUSED TO RETURN NEWBORN PUP TO BEACH; MATERNAL SEPARATION	SI	P14	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND WASHINGTON NORTHERN INLAND WATERS	2013	7	9	DOG ATTACK	PIERCE	WA	NSI	ATTACKED ON PUBLIC BEACH BY OFF-LEASH DOG; PUP HAD A COUPLE OF SMALL PUNCTURES ON LEFT HIND FLIPPER; SLIGHTLY THIN, WITH WHITE STUB OF UMBILICUS; RELOCATED TO GERTRUDE ISLAND	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	7	13	HARASSMENT	SAN JUAN	WA	NSI	HARASSMENT; MEMBER OF PUBLIC SEEN CLIMBING OUT TO TOUCH SEAL PUP	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	7	15	HARASSMENT	SAN JUAN	WA	NSI	HARASSMENT; MEMBERS OF PUBLIC WERE TOUCHING AND PICKING UP PUP; PUP WAS GIVEN FLUIDS	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	7	16	HARASSMENT	KITSAP	WA	NSI	MATERNAL SEPARATION; MEMBERS OF PUBLIC WERE REPORTED HARASSING PUP ON BEACH AND NOT ALLOWING IT TO REST; UMBILICUS PRESENT; RELOCATED TO REHAB	SI	P14	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	7	17	HARASSMENT	SAN JUAN	WA	SI	MATERNAL SEPARATION; REPORTS OF PUBLIC HARASSING PUP OVER 2.5 DAYS; RELOCATED TO REHAB	SI	P14	1	N	Y
HARBOR SEAL	HOOD CANAL	2013	7	21	HARASSMENT	JEFFERSON	WA	SI	MATERNAL SEPARATION; REPORTS THAT PUP WAS ILLEGALLY PICKED UP AND HANDLED BY PUBLIC, MOVED FROM ROCK JETTY TO SHORE; UMBILICUS ATTACHED	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	7	28	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE WAS REMOVED FROM ANIMAL'S TORSO; LACERATION ALL THE WAY AROUND THE BODY CUTTING INTO MUSCLE ABOVE THE FRONT RIGHT FLIPPER	NSI	P7B, P8A	0	N	N
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	7	29	VESSEL STRIKE	PIERCE	WA	SI	PUP REPORTED HIT BY A BOAT AND RESCUED FROM A GROUP OF TEENAGERS ATTEMPTING TO BEAT IT WITH OARS.	SI	P15	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	7	31	HARASSMENT	PIERCE	WA	SI	MATERNAL SEPARATION; PUP BORN ON DOCK AT BUSY BAY; MOTHER NEVER RETURNED; RELOCATED TO GERTRUDE ISLAND HARBOR SEAL HAULOUT; EAGLE OBSERVED SCAVENGING ON IT NEXT TO DOCK	DEAD	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	8	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	3	HARASSMENT	KING	WA	SI	MATERNAL SEPARATION; BOATERS HARASSED PUP; PUP WAS ABANDONED; ANIMAL TRANSFERRED TO REHAB; OUTCOME UNKNOWN.	SI	P14	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	3	HARASSMENT	KITSAP	WA	SI	PUP EUTHANIZED DUE TO ABANDONMENT AND INFECTION, BUT HARASSMENT MAY HAVE CONTRIBUTED TO ABANDONMENT	DEAD	P14	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	8	3	HARASSMENT	PIERCE	WA	SI	MATERNAL SEPARATION; HARASSMENT; PUP AT HAULOUT/ROOKERY AREA WITH VERY HIGH LEVELS OF DISTURBANCE BY HUMANS AND DOGS; MEMBERS OF PUBLIC OBSERVED NEAR SEAL, KICKING/NUDGING IT; THIN PUNCTURE ON HIND FLIPPER; RELOCATED TO GERTRUDE ISLAND HARBOR SEAL HAULOUT; FOUND DEAD 2 DAYS LATER.	DEAD	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	8	3	SHOOTING	CLATSOP	OR	DEAD	EXCELLENT BODY CONDITION; BULLET HOLES; HEMORRHAGE; BROKEN BONES	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	4	GILLNET FISHERY, TRIBAL	KITSAP	WA	DEAD	CREASES AROUND NOSE INDICATIVE OF ENTANGLEMENT; LEFT EYE BULGING SLIGHTLY; BLOOD AROUND NOSE AND MOUTH; CAUSE OF DEATH = PROBABLE ENTANGLEMENT	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	5	SHOOTING	WHATCOM	WA	DEAD	CARCASS; FRESH DEAD; APPEARED HEALTHY; FOUND BULLET HOLE BUT NO BULLET	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	7	HARASSMENT	WHATCOM	WA	SI	HARASSMENT BY MEMBERS OF PUBLIC AND DOGS; THIN, DEHYDRATED SEAL WAS TRANSFERRED TO REHAB, TREATED, AND RELEASED	NSI	P9	0	N	N
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	8	7	VESSEL STRIKE	THURSTON	WA	DEAD	PROPELLER MARKS ON BACK, HEAD, AND PELVIC AREA SLICED THROUGH BONE AND MAJOR ORGANS; MASSIVE INTERNAL DAMAGE PREMORTEM; CHOP MARKS ON RIGHT SIDE OF NECK (APPROX. 5 CM LONG), FROM MID-BACK TO TOP OF HEAD THROUGH SKULL AND BONE (APPROX. 18 CM LONG), AND ACROSS LEFT SHOULDER (APPROX. 9 CM LONG); SLICE ALONG DORSAL RIGHT PELVIC AREA AND ON LEFT SEVERED L FEMUR (APPROX. 12 CM LONG)	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	9	HARASSMENT	CLALLAM	WA	SI	REPORTS OF MEMBERS OF PUBLIC PICKING UP, HANDLING, APPROACHING, AND THROWING ROCKS AT SEAL PUP; WEANED PUP WITH ALL TEETH ERUPTED	DEAD	P14	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	23	UNIDENTIFIED FISHERY INTERACTION	CLALLAM	WA	DEAD	CARCASS; HEAD HAD BEEN CUT OFF WITH SHARP INSTRUMENT; GOOD BODY CONDITION; RED FROTH IN TRACHEA.	DEAD	NA	1	Y	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	8	28	MARINE DEBRIS	MASON	WA	DEAD	SEAL WAS TRAPPED INSIDE THE LEG OF A SMALL PAIR OF JEANS; INTERNAL PATTERNS OF BRUISING SUGGEST ANIMAL SWAM INTO WAIST OF THE JEANS, BECAME STUCK IN THE NARROW PART OF ONE OF THE LEGS, AND DIED.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	8	30	HARASSMENT	SKAGIT	WA	SI	ILLEGAL PICK UP; MATERNAL SEPARATION; MEMBER OF PUBLIC PICKED UP SEAL PUP ON SANDBAR IN RIVER AND PUT IT IN HIS BOAT; WDFW OFFICER REMOVED PUP FROM BOAT	SI	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	9	9	SHOOTING	DOUGLAS	OR	DEAD	ARROW RETRIEVED FROM CARCASS BY NOAA ENFORCEMENT AGENT	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	9	15	VESSEL STRIKE	WHATCOM	WA	DEAD	VESSEL STRIKE; LARGE GASH ON SIDE OF SKULL (SKULL FELT COMPRESSED INTO LITTLE PIECES) AND 3 INCH SLICE ALONG RIGHT SIDE JUST BELOW THE HEAD AND ABOVE THE SHOULDER	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	9	21	HARASSMENT	WHATCOM	WA	SI	MATERNAL SEPARATION; PUP WAS UNDERWEIGHT, LETHARGIC, AND BREATHING LABORED; MEMBER OF PUBLIC PICKED UP PUP AND CARRIED IT AROUND; PUP SWAM AWAY AND WAS REPORTED DEAD ON A NEARBY BEACH THE NEXT DAY	DEAD	P14	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	10	2	DOG ATTACK	JEFFERSON	WA	SI	SEAL PUP FOUND ALIVE ON BEACH WITH BLOOD ON HEAD AND FACE, A FEW BLOOD SPOTS ON DORSAL AND LATERAL SIDES, AND FOAM COMING FROM MOUTH; FRESH DOG PRINTS AND BLOOD SMEARS FOUND IN THREE AREAS ON BEACH IN CLOSE PROXIMITY; ANIMAL DIED BEFORE IT COULD BE TRANSPORTED TO REHAB	DEAD	P9	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	HOOD CANAL	2013	10	4	UNIDENTIFIED NET FISHERY	JEFFERSON	WA	DEAD	ONE OF SEVEN ANIMALS FOUND IN NET; MARKED SWELLING AND HEMORRHAGE ASSOCIATED WITH NET MARKS ON NOSE; GOOD BODY CONDITION AND PARTIALLY DIGESTED FOOD IN STOMACH; NET IMPRESSION ACROSS NOSE, LEFT SIDE OF NECK, ACROSS BACK BETWEEN FOREFLIPPERS, AND ON LEFT SIDE OF PELVIC AREA	DEAD	NA	1	Y	Y
HARBOR SEAL	HOOD CANAL	2013	10	4	UNIDENTIFIED NET FISHERY	JEFFERSON	WA	DEAD	ONE OF SEVEN ANIMALS FOUND IN NET; MARKED SWELLING AND HEMORRHAGE AROUND LIPS AND BETWEEN EYES WITH ASSOCIATED LINE MARKS; IMPRESSION ACROSS HEAD JUST BEHIND EYES; LEFT UPPER LIP SWOLLEN; IMPRESSIONS ACROSS BACK BETWEEN FOREFLIPPERS AND ANTERIOR TO TAIL	DEAD	NA	1	Y	Y
HARBOR SEAL	HOOD CANAL	2013	10	4	UNIDENTIFIED NET FISHERY	JEFFERSON	WA	DEAD	ONE OF SEVEN ANIMALS FOUND IN NET; IMPRESSION AROUND NOSE WITH ASSOCIATED HEMORRHAGE; IMPRESSION ON DORSAL SURFACE FROM LEFT AXILLA ACROSS BACK; PUNCTURE WOUNDS ON DORSAL SIDE OF RIGHT AND LEFT HIND FLIPPERS; PUNCTURE WOUNDS ON DORSAL SURFACE OF RIGHT FOREFLIPPER; FLIPPER JOINTS APPEAR SWOLLEN NEAR PUNCTURES; THREE SHALLOW PUNCTURES ON CHEST BETWEEN LEFT FLIPPER AND MIDLINE	DEAD	NA	1	Y	Y
HARBOR SEAL	HOOD CANAL	2013	10	4	UNIDENTIFIED NET FISHERY	JEFFERSON	WA	DEAD	ONE OF SEVEN ANIMALS FOUND IN NET; AREAS OF BRUISING AND PETECHIAL HEMORRHAGE ASSOCIATED WITH WRAPS; EXCELLENT BODY CONDITION; PARTIALLY DIGESTED FISH IN STOMACH; PIECE OF NET RECOVERED FROM NECK; BRAIDED MONOFILAMENT (14 STR); POSSIBLE SUPERFICIAL, NON-INFECTED PUNCTURE WOUNDS ON LEFT HIND FLIPPER; NET WRAPPED 5X AROUND NECK; POSSIBLE NET LINES AROUND ABDOMEN	DEAD	NA	1	Y	Y
HARBOR SEAL	HOOD CANAL	2013	10	4	UNIDENTIFIED NET FISHERY	JEFFERSON	WA	DEAD	ONE OF SEVEN ANIMALS FOUND IN NET; HEMORRHAGE ASSOCIATED WITH NET IMPRESSIONS; MARKEDLY THIN; RED SEROUS FLUID COMING FROM UMBILICUS; PUNCTURE WOUND ON LEFT FOREFLIPPER; PUNCTURE WOUND ON RIGHT HIND FLIPPER; PUNCTURE WOUND ON RIGHT LOWER LIP	DEAD	NA	1	Y	Y
HARBOR SEAL	HOOD CANAL	2013	10	4	UNIDENTIFIED NET FISHERY	JEFFERSON	WA	DEAD	ONE OF SEVEN ANIMALS FOUND IN NET; EXCELLENT BODY CONDITION; IMPRESSIONS ON FACE AND NECK WITH SOME ASSOICATED HEMORRHAGE; REDDISH FROTH IN TRACHEA DOWN INTO BRONCHIALS; BLOOD COMING FROM NOSE AND MOUTH; IMPRESSION AROUND BACK OF NECK WITH WRAPS AROUND TO FRONT; IMPRESSION IN CENTER OF CHEST; IMPRESSION FROM LEFT UPPER LIP TO RIGHT EYE, POSSIBLY RUNNING THROUGH EYE	DEAD	NA	1	Y	Y
HARBOR SEAL	HOOD CANAL	2013	10	4	UNIDENTIFIED NET FISHERY	JEFFERSON	WA	DEAD	ONE OF SEVEN ANIMALS FOUND IN NET; IMPRESSION ACROSS NOSE WITH ASSOCIATED HEMORRHAGE; SOME FISH BONES AND OTOLITHS IN STOMACH; MODERATELY THIN; IMPRESSION ACROSS NOSE AND ON LEADING EDGE OF RIGHT FLIPPER; PUNCTURES ON VENTRAL SIDES OF HIND FLIPPERS (NONE APPEARED TO BE INFECTED); ONE LARGER LESION ON INSIDE DIGIT OF RIGHT FLIPPER	DEAD	NA	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	10	6	HARASSMENT	WHATCOM	WA	NSI	PUP HARASSED BY MEMBERS OF PUBIC AND DOGS ON VERY PUBLIC BEACH; EYE INFECTION; PROBABLE RESPIRATORY INFECTION; LACERATION ON THE RIGHT REAR FLIPPER.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	10	16	HARASSMENT	WHATCOM	WA	SI	PUP HARASSED BY MEMBERS OF THE PUBLIC AND DOGS; PUP HAD EYE INJURY, FEVER, AND PUNCTURE WOUNDS, PROBABLY FROM DOGS.	SI	P9	1	N	Y
HARBOR SEAL	CALIFORNIA	2013	10	18	VEHICLE COLLISION	MONTEREY	CA	DEAD	SECOND-HAND REPORT OF ANIMAL STRUCK BY CAR, PARTS COLLECTED.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	CALIFORNIA	2013	11	3	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	ANIMAL WAS CAUGHT BECAUSE IT APPEARED TO HAVE FISHING LINE AROUND ITS NECK; HALF-INCH WIDE WOUND ENCIRCLING ANIMAL'S NECK WAS EXAMINED AND IT WAS DETERMINED THAT FISHING LINE WAS NO LONGER PRESENT AND WOUND WAS HEALING, SO ANIMAL WAS RELEASED ON SITE	NSI	P7B	0	N	N
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	11	22	SHOOTING	CURRY	OR	DEAD	WOUND TO FACE AND DAMAGE TO ORBIT STRONGLY SUGGEST GUNSHOT	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2013	12	1	VESSEL STRIKE	LINCOLN	OR	DEAD	LIKELY VESSEL STRIKE OR SHOOTING; FIVE BROKEN RIBS WITH HEMORRHAGE	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	12	9	ENTRAPMENT	SNOHOMISH	WA	DEAD	FOUND IN TRIBAL HATCHERY CONTAINMENT AREA.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2013	12	10	HARASSMENT	KITSAP	WA	SI	HARASSMENT; 28-35 FOOT SILVER BOAT WITH CRAB PULLING EQUIPMENT OBSERVED THROWING A LIVE HARBOR SEAL PUP OUT OF BOAT; TIME SPENT ABOARD BOAT UNKNOWN; POSSIBLE CAPTURE MYOPATHY CONSIDERATIONS	SI	P4	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2013	12	24	MARINE DEBRIS	THURSTON	WA	DEAD	FOUND WRAPPED IN ANCHOR LINE OF A BUOY.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	1	26	UNIDENTIFIED FISHERY INTERACTION	HUMBOLDT	CA	DEAD	HARBOR SEAL CARCASS WITH HEAD CUT OFF	DEAD	NA	1	Y	Y
HARBOR SEAL	CALIFORNIA	2014	3	2	HARASSMENT	SAN DIEGO	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2014	4	2	SCIENTIFIC RESEARCH	CLATSOP	OR	DEAD	A HARBOR SEAL WAS CAUGHT AND KILLED IN A RESEARCH GILLNET.	DEAD	N/A	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	4	4	HARASSMENT	MONTEREY	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	4	7	HARASSMENT	MARIN	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2014	4	8	SHOOTING	LANE	OR	DEAD	A SUBADULT HARBOR SEAL WAS FOUND DEAD WITH A GUNSHOT WOUND. A BULLET FRAGMENT WAS FOUND IN THE ANIMAL'S NECK.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	4	15	HARASSMENT	MONTEREY	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	4	19	HARASSMENT	MARIN	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	4	25	HARASSMENT	SAN MATEO	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	4	25	UNIDENTIFIED FISHERY INTERACTION	WHATCOM	WA	DEAD	A MUMMIFIED / SKELETONIZED HARBOR SEAL WAS FOUND ENTANGLED IN DERELICT GILLNET GEAR.	DEAD	NA	1	Y	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2014	5	3	SHOOTING	CLATSOP	OR	DEAD	A HARBOR SEAL WAS FOUND DEAD WITH BULLET HOLES IN ITS BODY AND EXTENSIVE HEMORRHAGING. A NECROPSY WAS CONDUCTED.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	5	14	MARINE DEBRIS	SAN JUAN	WA	SI	A HARBOR SEAL WAS REPORTED TO BE ENTANGLED IN WHAT APPEARS TO BE A PACKING BAND.	SI	P8A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2014	5	14	SHOOTING	CLATSOP	OR	DEAD	A HARBOR SEAL WAS FOUND DEAD WITH BULLET HOLES IN ITS BODY AND EXTENSIVE HEMORRHAGING. A NECROPSY WAS CONDUCTED AND A PELLET WAS COLLECTED FROM A BULLET WOUNDS.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	5	23	MARINE DEBRIS	SAN JUAN	WA	SI	A HARBOR SEAL WAS REPORTED TO BE ENTANGLED IN ORANGE / RED THICK ROPE WRAPPED AROUND THE NECK TO THE MIDDLE OF THE ANIMAL'S BACK.	SI	P8A	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

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HARBOR SEAL	CALIFORNIA	2014	5	26	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	DEAD	LARGE BLUE ROPE AROUND THE ANIMAL'S NECK. LOOKS LIKE A SLIP KNOT. ABOUT 3 FEET OF TRAILING ROPE AFTER THE LOOP AROUND ITS NECK. NO LONG TERM MARKINGS OF ROPE ON THE ANIMAL, SUCH AS A PINK RING OF FLESH. THE FUR IS STILL INTACT AND LOOKS ONLY A LITTLE IRRITATED. ROPE AROUND NECK EXTERNAL EXAM	DEAD	NA	1	Y	Y
HARBOR SEAL	CALIFORNIA	2014	5	30	DOG ATTACK	HUMBOLDT	CA	SI	UNDERWEIGHT ANIMAL WITH DOG BITES	SI	P9	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	6	2	DOG ATTACK	HUMBOLDT	CA	SI	UNDERWEIGHT ANIMAL WITH DOG BITES	SI	P9	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	6	12	HARASSMENT	PIERCE	WA	SI	A HARBOR SEAL WAS ILLEGALLY PICKED UP AND REMOVED FROM THE BEACH FOR AN EXTENDED PERIOD OF TIME. THE ANIMAL WAS RETURNED TO THE BEACH, BUT FOUND DEAD LATER THAT DAY.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	6	23	HARASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS REPORTED TO BE HARRASSED BY BOATERS, KIDS, AND DOGS. THE ANIMAL EVENTUALLY DIED.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	6	26	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	BODY CONDITION WAS GOOD. MONOFILAMENT LINE WRAPPED AROUND NECK, IT WAS LOOSE SO NOT TOO DEEP. (1/8") BUT APPEARED TO RUB AND MAKE A WIDER WOUND.	SI	P8A	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	3	HARASSMENT	JEFFERSON	WA	SI	A HARBOR SEAL PUP WAS REPEATEDLY HAULING OUT IN AREAS WITH HIGH CONCENTRATIONS OF PEOPLE OVER SEVERAL DAYS AND WAS ILLEGALLY PICKED UP. THE PUP WAS RELOCATED TO A REMOTE BEACH.	SI	P14	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	6	HARASSMENT	JEFFERSON	WA	NSI	A HARBOR SEAL PUP WAS REPORTED TO BE HAULED OUT IN A HIGH TRAFFIC AREA. A TRAINED RESPONDER ATTEMPTED TO RELOCATE THE ANIMAL, BUT WAS HARRASSED BY PROPERTY OWNERS. THE PUP WOUND UP BEING LEFT IN PLACE.	NSI	P9	0	N	N
HARBOR SEAL	HOOD CANAL WASHINGTON NORTHERN INLAND WATERS	2014	7	9	HARASSMENT	JEFFERSON	WA	SI	A HARBOR SEAL PUP WAS HARRASSED WHILE HAULED OUT - A WOMAN MOVED IT AND ATTEMPTED TO FEED IT, DOGS WERE IN THE AREA AND INTERACTING WITH THE PUP. ACCORDING TO REPORTING PARTIES THE PUP HAD BEEN UNATTENDED FOR 4 DAYS. A TRAINED REPONDER REMOVED THE SEAL FROM THE BEACH AND TO A REHABILITATION FACILITY. THE SEAL WAS REHABILITATED AND RELEASED.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	11	HARASSMENT	SAN JUAN	WA	SI	A HARBOR SEAL PUP WAS PET, FED, AND HARRASSED BY THE PUBLIC. AS A RESULT, THE ANIMAL WAS SENT TO A REHAB FACILITY, BUT DIED AT THE FACILITY.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	13	HARASSMENT	SAN JUAN	WA	SI	OVER A PERIOD OF DAYS A HARBOR SEAL PUP WAS PET AND HARRASSED BY THE PUBLIC. PEOPLE ALSO ATTEMPTED TO FEED THE PUP POTATO CHIPS. THE PUP DIED SHORTLY AFTER TRAINED RESPONDERS ATTEMPTED TO ASSIST THE PUP.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	16	HARASSMENT	SKAGIT	WA	NSI	A HARBOR SEAL PUP WAS REPORTEDLY WET WITH A HOSE WHILE HAULED OUT ON A PRIVATE BEACH.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	17	HARASSMENT	WHATCOM	WA	NSI	A HARBOR SEAL PUP WAS REPORTED TO BE HARRASSED BY PEOPLE AND DOGS WHILE IT WAS HAULED OUT ON A BEACH.	NSI	P9	0	N	N
HARBOR SEAL	SOUTHERN PUGET SOUND	2014	7	22	HARASSMENT	PIERCE	WA	SI	A HARBOR SEAL PUP WAS ILLEGALLY PICKED UP AND FED BY A HUMAN OVER A PERIOD OF SEVERAL DAYS. THE ANIMAL EVENTUALLY DIED.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	22	HARASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS HARRASSED BY PEOPLE AND DOGS. PEOPLE WERE TOUCHING, FEEDING, AND PETTING THE SEAL. LEVEL-A INDICATES THE ANIMAL WAS REHABILITATED AT WOLF HOLLOW AND THEN RELEASED.	NSI	P9	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

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HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	7	23	HARASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS REPORTEDLY HARRASSED BY DOGS AND PEOPLE. PEOPLE WERE TOUCHING, FEEDING, AND PETTING IT. THE LEVEL-A INDICATES THE PUP WAS ABANDONED AND INJURED. THE PUP WAS SENT TO WOLF HOLLOW FOR REHABILITATION BUT DIED.	DEAD	NA	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2014	7	25	HARASSMENT	PIERCE	WA	NSI	A HARBOR SEAL PUP WAS REPORTED TO BE ILLEGALLY PICKED UP.	NSI	P9	0	N	N
HARBOR SEAL	HOOD CANAL	2014	8	8	HARASSMENT	KITSAP	WA	SI	A HARBOR SEAL PUP WAS REPORTED TO BE IN DISTRESS OVER SEVERAL DAY PERIOD BY A PROPERTY OWNER. WHEN TRAINED RESPONDERS ARRIVED TO RELOCATE THE PUP THEY FOUND IT SUCKLING ON THE THE PROPERTY OWNER'S LEG. THE SEAL WAS RELOCATED, BUT THEN RETURNED ON ITS OWN TO ITS ORIGINAL LOCATION. THE PUP WAS THEN SENT TO TO BE REHABILITATED AND WAS LATER RELEASED.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	8	19	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	DEAD	A HARBOR SEAL PUP WAS FOUND DEAD. GILLNET FISHING WAS REPORTED IN THE AREA AT THE TIME. THE ANIMAL EXHIBITED BLUNT FORCE TRAUMA AROUND ITS HEAD AND A LINEAR IMPRESSION AROUND ITS NECK. THE REPORTING PARTY, A HIGH QUALITY SOURCE OF INFORMATION, SUSPECTED THE MORTALITY WAS FISHERIES RELATED.	DEAD	NA	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	8	19	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	DEAD	A HARBOR SEAL PUP WAS FOUND DEAD. THE ANIMAL EXHIBITED LINEAR IMPRESSIONS AROUND NECK AND ON EYES. THE REPORTING PARTY, A HIGH QUALITY SOURCE OF INFORMATION, SUSPECTED THE MORTALITY WAS FISHERIES RELATED.	DEAD	NA	1	Y	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2014	8	26	SHOOTING	CLATSOP	OR	DEAD	A HARBOR SEAL WAS FOUND DEAD WITH BULLET HOLES IN ITS BODY, A FRACTURED SKULL, AND OTHER SEVERE TRAUMA. A FIELD NECROPSY WAS PERFORMED.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	8	26	UNIDENTIFIED FISHERY INTERACTION	PIERCE	WA	DEAD	A HARBOR SEAL WAS FOUND DEAD AT A BOAT RAMP. THE ANIMAL EXHIBITED SLICE WOUNDS ON THE VENTRAL SIDE OF ITS NECK AND LESIONS AND PENETRATING WOUNDS CONSISTENT WITH NET INJURIES. A NECROPSY INDICATED SIGNS OF SLICING / MUTILATION AND SUSPECTED NET IMPRESSIONS ON THE HEAD.	DEAD	NA	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	9	3	UNIDENTIFIED FISHERY INTERACTION	KITSAP	WA	SI	A HARBOR SEAL WAS REPORTED TO BE ENTANGLED IN A NET. AT LOW TIDE THE REPORTING PARTY RETURNED AND THE NET WAS EXPOSED. THEY FOUND THE SEAL DISENTANGLED, MUDDY, AND LAYING ON THE NET. IT HAD BEEN STABBED 5 TIMES IN THE CHEST AND WAS SURROUNDED BY A POOL OF FRESH BLOOD.	DEAD	NA	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	9	10	SHOOTING	CLALLAM	WA	DEAD	A HARBOR SEAL PUP WAS FOUND DEAD, IN A NEIGHBORHOOD SEVERAL HUNDRED YARDS FROM THE WATER, WITH BULLET HOLES IN ITS BODY AND EVIDENCE OF RECENT BLOOD LOSS. THE REPORTING PARTY BELIEVES THIS IS A FISHERIES RELATED MORTALITY. NO NECROPSY WAS CONDUCTED.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2014	9	20	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	ANIMALS APPEARS ALERT, HYDRATED AND IN OVERALL GOOD BODY CONDITION. FIRST SPOTTED BY THE PUBLIC ON MAY 18TH 2014. AUGUST 21 WAS REPORTED BY PUBLIC THAT THE FISHING LINE BROKE BUT WAS UNABLE TO SEE IF IT WAS EMBEDDED. WE FIRST GOT EYES ON IT 9/18/14. MADE A RESCUE ATTEMPT BUT NOT SUCCESSFUL. 2ND ATTEMPT WAS 9/19- HAD BEEN MONITORING ANIMAL FOR ABOUT 3 WEEKS. RESCUED DUE TO SUSPECTED HUMAN INTERACTION. APPEARANCE OF POSSIBLE ENTANGLEMENT AROUND THE ANIMALS NECK (MONOFILAMENT)	NSI	P7B	0	N	N

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HARBOR SEAL	OREGON-WASHINGTON COAST	2014	9	20	SHOOTING	CLATSOP	OR	DEAD	A HARBOR SEAL PUP WAS FOUND DEAD WITH BULLET HOLES AND HEAVY HEMORRHAGING. A NECROPSY WAS CONDUCTED.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2014	9	29	UNIDENTIFIED FISHERY INTERACTION	CLALLAM	WA	DEAD	A HARBOR SEAL WAS FOUND DEAD IN DERELICT GILLNET GEAR.	DEAD	NA	1	Y	Y
HARBOR SEAL	CALIFORNIA	2014	10	17	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	SINGLE PIECE OF MONOFILAMENT LINE AROUND THE NECK, STARTED CUTTING INTO THE ANIMAL ON THE RIGHT SIDE AND UNDERNEATH. LACERATION WAS APPROXIMATELY 1/2" WIDE AND 1/2" DEEP	SI	P8A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2014	11	25	SHOOTING	CLATSOP	OR	DEAD	A HARBOR SEAL WAS FOUND DEAD AND REPORTED TO BE SHOT. THE ANIMAL SHOWED SIGNS OF TRAUMA, HEMORRHAGING, AND SKULL DAMAGE. A NECROPSY WAS CONDUCTED.	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2014	12	2	SHOOTING	CLALLAM	WA	DEAD	A HARBOR SEAL WAS FOUND DEAD WITH A TRACKING BULLET WOUND TO ITS HEAD. THE REPORTING PARTY BELIEVES THIS WAS A FISHERIES-RELATED MORTALITY.	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	1	20	SHOOTING	PACIFIC	WA	DEAD	A HARBOR SEAL WAS FOUND DEAD WITH REPORTED BULLET HOLES AND ASSOCIATED HEMORRHAGE IN ITS BODY, NECK, AND POSTERIOR SKULL AND FRACTURED CERVICAL VERTEBRAE.	DEAD	N/A	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	2	5	HARASSMENT	SAN DIEGO	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM THE WILD BY MEMBER OF THE PUBLIC. TREATED IN REHAB FACILITY AND RELEASED. CONSIDERED SERIOUS INJURY BECAUSE ANIMAL WAS A DEPENDENT PUP.	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	2	13	HARASSMENT	SAN LUIS OBISPO	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM THE WILD BY MEMBER OF THE PUBLIC. TREATED AND RELEASED FROM REHAB. DEPENDENT PUP AND MATERNAL SEPARATION = SERIOUS INJURY.	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	2	19	OIL / TAR	MONTEREY	CA	SI	UNDERWEIGHT PUP WITH UMBILICUS AND TAR SPOTS OVER DORSUM AND FLIPPERS. TREATED IN REHAB AND RELEASED. DEPENDENT PUP AND MATERNAL SEPARATION = SERIOUS INJURY.	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	2	20	HARASSMENT	MARIN	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM THE WILD BY MEMBER OF THE PUBLIC. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	2	21	SHOOTING	GRAYS HARBOR	WA	DEAD	A SUBADULT FEMALE HARBOR SEAL WAS FOUND DEAD. THE ANIMAL HAD SUSTAINED A PENETRATING INJURY, WITH CORRESPONDING ENTRANCE AND EXIT WOUNDS, AND THE SKULL WAS SHATTERED.	DEAD	N/A	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	3	5	SHOOTING	CLALLAM	WA	DEAD	A FRESHLY DEAD ADULT HARBOR SEAL WAS FOUND IN PORT ANGELES. THERE WERE TWO HOLES, ONE ON EITHER SIDE OF THE HEAD JUST POSTERIOR FROM THE EYE SOCKETS. THE REPORTING PARTY BELIEVED THE ANIMAL WAS SHOT.	DEAD	N/A	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	3	6	GILLNET FISHERY	SKAGIT	WA	DEAD	A HARBOR SEAL WAS FOUND DEAD IN A STATE OF MODERATE DECOMPOSITION IN DERELICT GILLNET THAT WAS STRETCHED BETWEEN TWO PINNACLES NEAR SARES HEAD. THE NET APPEARED TO BE NEW AND WAS THOUGHT TO BE LOST IN THE PREVIOUS YEAR.	DEAD	N/A	1	Y	Y
HARBOR SEAL	CALIFORNIA	2015	3	21	HARASSMENT	ORANGE	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM THE WILD BY MEMBER OF THE PUBLIC. TREATED AND RELEASED FROM REHAB. DEPENDENT PUP AND MATERNAL SEPARATION = SERIOUS INJURY.	SI	P14	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	3	26	HARASSMENT	SONOMA	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM THE WILD BY MEMBER OF THE PUBLIC. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	CALIFORNIA	2015	4	17	HARASSMENT	MENDOCINO	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM THE WILD BY MEMBER OF THE PUBLIC. TREATED AND RELEASED FROM REHAB. DEPENDENT PUP AND MATERNAL SEPARATION = SERIOUS INJURY.	SI	P14	1	N	Y
HARBOR SEAL	OREGON- WASHINGTON COAST	2015	4	21	SHOOTING	CLATSOP	OR	DEAD	A SUBADULT MALE HARBOR SEAL WAS FOUND DEAD. THERE WAS TREMENDOUS HEMORRHAGING THROUGHOUT THE HEAD AND BODY. AT LEAST ONE PROJECTILE WAS FOUND IN THE SKULL.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON- WASHINGTON COAST	2015	4	24	SHOOTING	CLATSOP	OR	DEAD	AN ADULT FEMALE HARBOR SEAL WAS FOUND DEAD. THERE WAS HEMORRHAGING REPORTED THROUGHOUT THE BODY AND A BLOOD FILLED ABDONMINAL CAVITY. THE ANIMAL WAS IN EXCELLENT BODY CONDITION. PROJECTILES WERE RECOVERED FROM THE SKULL AND ABDOMEN.	DEAD	N/A	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	4	29	UNIDENTIFIED HUMAN INTERACTION	LOS ANGELES	CA	SI	UNDERWEIGHT ANIMAL WITH ABDOMINAL PUNCTURE WOUND TREATED IN REHAB AND RELEASED.	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2015	5	4	OIL / TAR	MONTEREY	CA	SI	UNDERWEIGHT PUP WITH TAR ON FACE. TREATED IN REHAB FACILITY, OUTCOME UNKNOWN.	SI	P9	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	5	23	OIL / TAR	SAN LUIS OBISPO	CA	SI	UNDERWEIGHT PUP WITH TAR ON FACE. TREATED IN REHAB FACILITY, OUTCOME UNKNOWN.	SI	P9	1	N	Y
HARBOR SEAL	OREGON- WASHINGTON COAST	2015	6	3	HOOK AND LINE FISHERY	LINCOLN	WA	SI	A HARBOR SEAL THAT INGESTED TROLL FISHERY GEAR WAS OBSERVED WITH A FLASHER HANGING FROM ITS MOUTH.	SI	P2	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	6	4	DOG ATTACK	SONOMA	CA	DEAD	OFF LEASH DOG ATTACKED AND KILLED SEAL.	DEAD	NA	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	6	6	OIL / TAR	LOS ANGELES	CA	SI	ANIMAL COLLECTED AS PART OF MANHATTAN BEACH TAR INCIDENT. 51-75% EXTERNAL OILING SEEN ON NECK, SHOULDERS, MOST OF DORSAL SIDE, SMALL PATCHES ON VENTRAL SIDE. IN ADDITION TO STANDARD SEAWORLD NECROPSY SAMPLES TAKEN, OILED WILDLIFE CARE NETWORK NECROPSY SAMPLE COLLECTING PROTOCOLS WERE FOLLOWED. ANIMAL DIED IN REHAB.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	6	7	HARASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS HANDLED, PICKED UP, AND RELOCATED BY THE PUBLIC. THE PUP WAS REHABILITATED AND RELEASED ON SAN JUAN ISLAND ON AUGUST 29.	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2015	6	12	VESSEL STRIKE	MARIN	CA	SI	HIT BY BOAT, CUT ON NECK. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	6	30	HARASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS MOVED AND HARASSED BY MEMBERS OF THE PUBLIC. THE ANIMAL WAS CAPTURED, REHABILITATED, AND RELEASED ON AUGUST 29, 2015.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	7	3	HARASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS ATTACKED BY A DOG AND HARASSED BY MEMBERS OF THE PUBLIC. THE PUP WAS REHABILITATED AND RELEASED AT SAN JUAN ISLAND ON AUGUST 29, 2015.	NSI	P9	0	N	N
HARBOR SEAL	OREGON- WASHINGTON COAST	2015	7	4	HARASSMENT	CLALLAM	WA	SI	A HARBOR SEAL PUP WAS HAULED OUT ON A POPULAR BEACH DURING A 4TH OF JULY CELEBRATION. THE PRESENCE OF PEOPLE ON THE BEACH AND FIREWORKS DROVE THE PUP INTO THE WATER, WHERE IT WAS REPORTED TO SUSTAIN INJURIES WHICH LED TO ITS DEATH. THERE ARE NO OTHER DETAILS. IN THE ABSENCE OF ADDITIONAL INFORMATION IT WILL BE ASSUMED THAT HUMAN HARASSMENT LED TO THE SEAL'S DEATH.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON- WASHINGTON COAST	2015	7	7	MARINE DEBRIS	COOS	OR	SI	AN ADULT FEMALE HARBOR SEAL WAS OBSERVED OVER A COUPLE MONTHS WITH A CIRCUMFERENTIAL NECK ENTANGLEMENT CAUSED BY A PACKING BAND. THE ENTANGLED SEAL SUCCESSFULLY REARED A PUP. THE PACKING BAND WAS NOTED TO BE CUTTING INTO THE SKIN AND BLUBBER.	SI	P8a	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	7	8	HARASSMENT	GRAYS HARBOR	WA	SI	A FEMALE HARBOR SEAL PUP WAS REPORTED TO BE ON A BEACH FOR A 24 HOUR PERIOD. DURING THIS TIME THERE WERE MULTIPLE REPORTS OF HARASSMENT, INCLUDING REPORTS OF PEOPLE THROWING THE SEAL. THE PUP WAS DEAD BY THE TIME STRANDING NETWORK RESPONDERS ARRIVED. IN THE ABSENCE OF ADDITIONAL INFORMATION THIS WILL BE ASSUMED TO BE A HUMAN-CAUSED MORTALITY DUE TO THE INTENSITY OF THE HARASSMENT.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	7	15	SCIENTIFIC RESEARCH	CLATSOP	OR	DEAD	A HARBOR SEAL WAS CAUGHT AND KILLED IN A SALMON RESEARCH NET.	DEAD	N/A	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2015	7	16	HARASSMENT	THURSTON	WA	SI	A HARBOR SEAL PUP WAS ON A BUSY BEACH. IT WAS OBSERVED TO BE UNATTENDED FOR TWO DAYS, AND MEMBERS OF THE PUBLIC WERE BEGINNING TO APPROACH AND TOUCH IT. THE PUP WAS REHABILITATED AND WAS RELEASED AT SOLO POINT ON OCTOBER 12, 2015.	NSI	P9	0	N	N
HARBOR SEAL	CALIFORNIA	2015	7	18	DOG ATTACK	HUMBOLDT	CA	SI	DOG BITES. TREATED IN REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	7	18	HARASSMENT	SAN JUAN	WA	SI	A HARBOR SEAL PUP WAS HARASSED BY MEMBERS OF THE PUBLIC AND A DOG. THE PUP SUSTAINED SEVERAL PUNCTURE WOUNDS WHICH BECAME INFECTED. THE SEAL WAS REHABILITATED AND RELEASED AT SAN JUAN ISLAND ON OCTOBER 15, 2015.	NSI	P9	0	N	N
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	7	19	HOOK AND LINE FISHERY	TILLAMOOK	OR	DEAD	AN ADULT MALE HARBOR SEAL WAS FOUND DEAD. THE SEAL HAD INGESTED HOOK AND LINE AND HEMORRAGING WAS LOCATED THROUGHOUT THE BODY, POSSIBLY INDICATING THE ANIMAL WAS SHOT. HOWEVER, THIS MORTALITY WILL BE ATTRIBUTED TO INGESTED GEAR, SINCE IT CAN BE MORE READILY CONFIRMED THAN THE GUNSHOT INJURIES AND LIKELY OCCURRED PRIOR TO BEING SHOT.	DEAD	N/A	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	7	24	HARASSMENT	SAN JUAN	WA	SI	A MALE HARBOR SEAL PUP WAS HARASSED BY MEMBERS OF THE PUBLIC AND DOGS AT A STATE PARK. PEOPLE WERE POURING WATER ON THE PUP AND DRIVING IT INTO THE WATER. REHABILITATION WAS ATTEMPTED, BUT THE ANIMAL HAD TO BE EUTHANIZED.	DEAD	N/A	1	N	Y
HARBOR SEAL	HOOD CANAL	2015	7	25	HARASSMENT	KITSAP	WA	SI	A HARBOR SEAL PUP WAS HARASSED BY MEMBERS OF THE PUBLIC AT A BUSY BOAT LAUNCH. THE SEAL WAS REHABILITATED AND RELEASED AT JETTY ISLAND IN EVERETT ON OCTOBER 9, 2015.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	7	27	HARASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS LOCATED AT A BOAT LAUNCH. THE SEAL WAS PICKED UP BY STRANDING NETWORK RESPONDERS, REHABILITATED, AND RELEASED ON OCTOBER 3, 2015.	NSI	P9	0	N	N
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	8	10	SHOOTING	CLATSOP	OR	DEAD	A HARBOR SEAL IN EXCELLENT BODY CONDITION WAS FOUND DEAD WITH BULLET / PELLET HOLES AND ASSOCIATED HEMORRHAGE IN THE HEAD, NECK, PELVIS, AND TAIL. ONE OF THE ANIMAL'S LUMBAR VERTEBRA WAS BROKEN.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	8	17	SHOOTING	CLATSOP	OR	DEAD	A HARBOR SEAL WAS FOUND DEAD WITH A HOLE IN ITS VENTRAL NECK WITH ASSOCIATED HEMORRHAGING. THERE WAS TREMENDOUS HEMORRHAGING THROUGHOUT THE BODY. THE REPORTING PARTY NOTED THIS ANIMAL WAS SHOT.	DEAD	N/A	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	8	19	DOG ATTACK	DEL NORTE	CA	SI	UNDERWEIGHT ANIMAL WITH DOG BITES. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	8	27	HARASSMENT	WHATCOM	WA	NSI	MEMBERS OF THE PUBLIC WERE REPORTEDLY POURING WATER OVER A BEACHED HARBOR SEAL PUP.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	8	27	VESSEL STRIKE	PIERCE	WA	DEAD	A MALE HARBOR SEAL PUP WAS FOUND FRESH DEAD. THE ANIMAL HAD SIX PARALLEL DEEP LACERATIONS ON THE LEFT SIDE OF THE BODY FROM THE BASE OF THE SKULL TO THE HIND FLIPPER CONSISTENT WITH PROPELLER INJURY.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	8	28	HOOK AND LINE FISHERY	PACIFIC	WA	DEAD	AN ADULT MALE HARBOR SEAL CARCASS WAS FOUND. THE SEAL HAD INGESTED FISHING GEAR AND APPEARED TO BE SHOT IN THE HEAD AND BODY INDICATED BY HOLES AND ASSOCIATED HEMORRHAGE. GIVEN THE TWO SOURCES OF INJURY, THIS MORTALITY WILL BE ATTRIBUTED TO INGESTED GEAR, SINCE IT CAN BE MORE EASILY CONFIRMED THAN THE GUNSHOT INJURIES AND LIKELY OCCURRED PRIOR TO BEING SHOT.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	9	7	SHOOTING	LINCOLN	OR	DEAD	A HARBOR SEAL WAS FOUND DEAD. THE ANIMAL APPEARED TO HAVE BEEN SHOT, AND BOTH ENTRY AND EXIT WOUNDS WERE EVIDENT. THE PROJECTILE PENETRATED FROM THE LEFT THORACIC TO RIGHT THORACIC AREA.	DEAD	N/A	1	N	Y
HARBOR SEAL	CALIFORNIA	2015	9	18	HOOK AND LINE FISHERY	MONTEREY	CA	DEAD	FISHING LINE WRAPPED AROUND NECK AND SEEMS TO EXTEND INTO THE BODY AS IF SWALLOWED. ONLY HALF OF LOWER MANDIBLE REMAINING.	DEAD	NA	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	9	23	GILLNET FISHERY	SAN JUAN	WA	DEAD	A FRESH DEAD HARBOR SEAL AND TWO BIRDS WERE FOUND ENTANGLED IN A DERLICT / ABDONDED GILLNET.	DEAD	N/A	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	9	24	GILLNET FISHERY	SAN JUAN	WA	DEAD	A HARBOR SEAL WAS FOUND DEAD AND ENTANGLED IN GILLNET. THE SEAL WAS IN A STATE OF MODERATE DECOMPOSITION.	DEAD	N/A	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	9	24	SEAL BOMB	SNOHOMISH	WA	SI	A HARBOR SEAL WAS OBSERVED IN EDMONDS THAT WAS BLEEDING HEAVILY FROM ITS NOSE AND WITH OBVIOUS INJURIES TO ITS EYES. CAPTURE ATTEMPTS BY NOAA AND THE SEATTLE AQUARIUM WERE UNSUCCESSFUL. THE ANIMAL WAS NOT SEEN AGAIN. THE REPORTING PARTY BELIEVED THE SEAL'S INJURIES WERE SUSTAINED WHEN THE SEAL INGESTED A SEAL BOMB.	SI	P9	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	9	26	ENTRAPMENT	KITSAP	WA	NSI	A HARBOR SEAL CLIMBED ONTO A BOAT AND AFTERWARD WAS UNABLE TO CLIMB OUT AND RETURN TO THE WATER. THE SEAL REMAINED ABOARD OVERNIGHT UNTIL THE REPORTING PARTY ARRIVED AND WAS ABLE TO POSITION A BOARD IN SUCH A FASHION THAT THE SEAL WAS ABLE TO CLIMB OFF THE BOAT AND INTO THE WATER.	NSI	P9	0	N	N
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	9	29	SHOOTING	WHATCOM	WA	DEAD	A FEMALE HARBOR SEAL WAS FOUND DEAD. A RADIOGRAPH CONFIRMED THE ANIMAL HAD BEEN SHOT. THERE WERE MULTIPLE PROJECTILES IDENTIFIED IN THE ANIMAL'S SKULL.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	10	4	SHOOTING	CLATSOP	OR	DEAD	A SUBADULT FEMALE HARBOR SEAL WAS FOUND DEAD. THE ANIMAL APPEARED TO BE SHOT. THERE WERE CLEAR ENTRANCE AND EXIT WOUNDS IN THE ANIMAL'S SKULL AND ASSOCIATED HEMORRHAGING.	DEAD	N/A	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	10	13	SHOOTING	WHATCOM	WA	DEAD	AN ADULT FEMALE HARBOR SEAL WAS FOUND DEAD WITH WHAT WAS NOTED TO BE A "CLEAR BULLET WOUND." FURTHER INVESTIGATION REVEALED A TRACKING WOUND. NO BULLET WAS RECOVERED.	DEAD	N/A	1	N	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	10	14	UNIDENTIFIED FISHERY INTERACTION	SAN JUAN	WA	DEAD	THREE HARBOR SEALS WERE FOUND ENTANGLED IN SUBMERGED GILLNET. EACH SEAL WAS FRESH DEAD. THIS IS SEAL THREE OF THREE.	DEAD	N/A	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

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HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	10	14	GILLNET FISHERY	SAN JUAN	WA	DEAD	THREE HARBOR SEALS WERE FOUND ENTANGLED IN SUBMERGED GILLNET. EACH SEAL WAS FRESH DEAD. THIS IS SEAL ONE OF THREE.	DEAD	N/A	1	Y	Y
HARBOR SEAL	WASHINGTON NORTHERN INLAND WATERS	2015	10	14	GILLNET FISHERY	SAN JUAN	WA	DEAD	THREE HARBOR SEALS WERE FOUND ENTANGLED IN SUBMERGED GILLNET. EACH SEAL WAS FRESH DEAD. THIS IS SEAL TWO OF THREE.	DEAD	N/A	1	Y	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2015	10	18	ENTRAPMENT	PIERCE	WA	DEAD	AN ADULT MALE HARBOR SEAL WAS OBSERVED CAUGHT IN A GATE BETWEEN TWO PONDS AT A CITY PARK. THE ANIMAL APPEARED TO BE FRESH DEAD. THE CARCASS WAS RECOVERED A COUPLE DAYS LATER WHEN IT WAS FLOATING IN THE MIDDLE OF ONE OF THE PONDS. THE SEAL HAD BROKEN AND MISSING UPPER AND LOWER TEETH AS WELL AS HEMORRHAGING UNDER ITS MOUTH. STRANDING RESPONDERS SUSPECT THESE INJURIES WERE SUSTAINED WHEN THE ANIMAL WAS TRAPPED IN THE GATE.	DEAD	N/A	1	N	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	10	24	HOOK AND LINE FISHERY	LINCOLN	OR	SI	A ROBUST, WEANED, HARBOR SEAL PUP WAS OBSERVED HAULED OUT WITH A FISHING LURE HANGING FROM ITS MOUTH.	SI	P2	1	N	Y
HARBOR SEAL	SOUTHERN PUGET SOUND	2015	10	30	SET GILLNET FISHERY INTERACTION	PIERCE	WA	DEAD	A FRESH DEAD SUBADULT MALE HARBOR SEAL WAS FOUND IN THE VICINITY OF ACTIVE SET GILLNET FISHING. THE ANIMAL HAD LINEAR LACERATIONS ON BOTH EYES CONSISTENT WITH ENTANGLEMENT AND MULTIPLE PUNCTURE WOUNDS ON THE ABDOMEN AND CHEST, POSSIBLY FROM A GAFF. BOTH FRONT AND BACK FLIPPERS WERE ALSO SEVERED.	DEAD	N/A	1	Y	Y
HARBOR SEAL	OREGON-WASHINGTON COAST	2015	11	18	UNIDENTIFIED FISHERY INTERACTION	CLALLAM	WA	DEAD	A HARBOR SEAL WAS FOUND FRESH DEAD WITH A CIRCUMFERENTIAL NECK ENTANGLEMENT CAUSED BY WHAT APPEARED TO BE GHOST TRAWL NET. THE NET HAD PELAGIC GOOSENECK BARNACLES GROWING ON IT INDICATING THAT IT HAD BEEN ADRIFT FOR A WHILE.	DEAD	N/A	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2011	5	8	VESSEL STRIKE	LOS ANGELES	CA	DEAD	ANIMAL STRUCK JUST FORWARD OF THE DORSAL FIN. ONLY 20 FT OF THE ANIMAL REMAINED AFTER THE PROPELLER CUT THE HEAD, PECTORAL FINS AND THORACIC CAVITY AWAY	DEAD	NA	1	N	Y
HUMPBACK WHALE	CA-OR-WA	2011	5	10	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI (PRORATE)	3/8" GREEN LINE WRAPPED AROUND RIGHT PECTORAL FIN AT INSERTION; NO BODY WRAPS OBSERVED; 3 BUOYS INVOLVED IN ENTANGLEMENT; LINE TRAILS TO ~1 FT PAST FLUKES ENDING IN EITHER LOOP OR BITTER ENDS; GOOD BODY CONDITION (DARK SKIN, NO CYAMIDS); WHEEZY BLOWS; WITH OTHER ANIMALS; FEEDING, APPROACHING BOAT (CURIOUS); PARTIAL SELF-RELEASE; 2 BUOYS OBSERVED WITH 12-15 FT OF LINE FREE-FLOATING, NOT COLLECTED. NO CONFIRMATION THAT WHALE SHED ALL GEAR.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2011	5	12	VESSEL STRIKE	CLATSOP	OR	NSI	A 38' SAILBOAT PARTICIPATING IN A RACE WAS STRUCK BY A BREACHING WHALE. RIGGING AND MAST WAS DAMAGED AND SKIN WAS LEFT BEHIND. SIZE OF WHALE ESTIMATED AT 30 FT. VESSEL WAS TRAVELLING APPROXIMATELY 9 KTS	NSI	L6C	0	N	N
HUMPBACK WHALE	CA-OR-WA	2011	7	16	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SAN MATEO	CA	SI (PRORATE)	APPROX. 40' HUMPBACK WHALE WITH ROPES AND "CRAB POTS" WRAPPED AROUND THE FLUKES. ANIMAL ACTIVE AND SWIMMING NORTH, NO RESIGHT, NO RESPONSE	SI (PRORATE)	L10	0.75	Y	Y

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HUMPBACK WHALE	CA-OR-WA	2011	8	14	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	GRAYS HARBOR	WA	SI	REPORTED TO USCG VIA WDFW SMALL WHALE ENTANGLED IN CRAB POTS WITH TWO OTHER WHALES SWIMMING AROUND. LAT 46 52. 417 LONG 124 32.453. JUVENILE TRAILING CRAB POTS - BELIEVED IT COULD NOT TRAVEL MUCH IF AT ALL. NO COLOR OF THE FLOATS OR WHERE ON THE BODY THEY WERE LOCATED. PHOTOS DO NOT SHOW GEAR BUT CONFIRM SPECIES.	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2011	8	20	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SNOHOMISH	WA	SI (PRORATE)	TRAILING A RED AND WHITE BOUY OFF THE RIGHT SIDE AND DID NOT SEE ANY LINES WRAPPED AROUND THE BODY. HEADED SOUTH WHEN LAST SIGHTED. GEAR CONFIGURATION UNKNOWN. POSSESSION BAR, MUKILTEO, WA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2011	8	25	DUNGENESS CRAB POT FISHERY (RECREATIONAL)	SAN JUAN	WA	SI (PRORATE)	ORIGINALLY SIGHTED IN BRITISH COLUMBIA ON JULY 31, 2011 WITH A RECREATIONAL CRAB POT GEAR LINE AND BUOY TRAILING 15-25 FEET BEHIND THE ANIMAL. HAD BEEN SEEN IN ACTIVE PASS AND OFF POINT ROBERTS BEFORE THIS SIGHTING. ANIMAL WAS REPORTED AS DETERIORATING IN CONDITION. SEEN ON AUGUST 25TH IN FALSE BAY OFF THE WEST SIDE OF SAN JUAN ISLAND. DISENTANGLEMENT EFFORT UNSUCCESSFUL. SERIOUS INJURY PRORATE VALUE OF 1 DUE TO DETERIORATING CONDITION.	SI (PRORATE)	L10	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2011	10	1	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SAN MATEO	CA	SI (PRORATE)	ENTANGLED IN "CRAB POTS"; ANIMAL HEADING SSE AT A FEW KNOTS; NO RESIGHTS, NO RESPONSE; FINAL OUTCOME UNKNOWN	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2012	5	13	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI (PRORATE)	DIVE BOAT REPORTED A 25-FOOT HUMPBACK WHALE ENTANGLED IN LINE WITH A OBLONG ORANGE BUOY TRAILING 10 - 15 FEET BEHIND THE ANIMAL. ANIMAL IS MOBILE AND HEADING TOWARDS NW. INJURIES AT BASE OF CAUDAL PEDUNCLE AND ALONG LEADING EDGE OF FLUKES; INJURIES LOOK OLDER WITH SOME GROWTH ON TIP OF FLUKE; LONG ORANGE BUOY ON 10-15 FT OF LINE TRAILING; RESIGHTED 5/14 AND 5/15; NO RESPONSE ATTEMPTED.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2012	6	9	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	SUBADULT, 35-FOOT, HUMPBACK WHALE REPORTED BY MULTIPLE PARTIES LATE IN THE DAY ENTANGLED IN APPROXIMATELY 1/2", YELLOW LINE AROUND TAIL AND PECTORAL FLIPPERS NO BUOYS WERE OBSERVED AND NO INDICATION OF ANIMAL'S CONDITION. ANIMAL HEADING WEST IN HEAVY SEA STATE.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2012	7	12	DUNGENESS CRAB POT FISHERY	TILLAMOOK	OR	SI (PRORATE)	REPORTED TO HAVE LINES WRAPPED AROUND THE TAIL WITH SEVERAL BUOYS. FISHERMAN ON SCENE CUT ALL BUOYS AND AS MUCH LINE AS POSSIBLE FROM THE ANIMAL WHILE IT "REMAINED COMPLACENT AT THE SURFACE." SOME LINE WAS NOT REMOVED FROM THE WHALE FROM THE TAIL AREA AND WAS REPORTED AS BEING "EXHAUSTED BUT HEALTHY." AFTER DISENTANGLEMENT THE WHALE STARTED MOVING SLOWLY SOUTHWARD. NO CONFIRMATION THAT ALL GEAR WAS REMOVED, GEAR CONFIGURATION UNKNOWN. NEAR NETARTS, OR.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2013	6	10	VESSEL STRIKE	MARIN	CA	DEAD	LATER EXAM OF BONES FOUND NO DAMAGE TO SKULL BUT TRAUMA TO VERTEBRAE AND PERHAPS RIBS IN AREA BEHIND SKULL, BROKEN BACK; SIGNIFICANT PARASITE LOAD; FRACTURED BOD OF TWO VERTEBRAE.	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HUMPBACK WHALE	CA-OR-WA	2014	4	27	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	MONTEREY	CA	SI	CDFW DUNGENESS CRAB TRAP + 200 FT OF LINE; FISHERMEN SET GEAR IN MONTEREY BAY. RESPONSE EFFORT INITIATED ON 4-27 IN MONTEREY, SATELLITE TAG APPLIED TO WHALE TO ALLOW TRACKING. WEATHER DID NOT ALLOW FOR DISENTANGLEMENT EFFORT IMMEDIATELY AND WHALE WAS TRACKED TO SANTA BARBARA, WHERE ON 14 MAY IT IS COMPLETELY DISENTANGLED BY WHALE ENTANGLEMENT TEAM. DEEP LACERATION IS NOTED ON CAUDAL PEDUNCLE AND IS APPARENT FROM PHOTOS. GEAR DESCRIBED AS WRAPPED TIGHTLY AND TWISTED AROUND FLUKES THREE TIMES. ANIMAL WAS RESIGHTED IN JUNE 2014 IN MONTEREY AND INJURY WAS NO LONGER CONSIDERED LIFE-THREATENING.	NSI	L2	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2014	5	1	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI	MULTIPLE TIGHT WRAPS OF MODERATE GAUGE, LIKELY BLUE STEEL LINE, AROUND BODY AND LIKELY AROUND RIGHT PECTORAL FLIPPER, SUCH THAT THE RIGHT FLIPPER IS PULLED Laterally AND UP TOWARDS THE SURFACE. NO GEAR OBSERVED TRAILING. ANIMAL ASSESSED BUT NO RESPONSE. POTENTIALLY LIFE THREATENING ENTANGLEMENT. DESCRIBED AS CRAB POT GEAR ON MARINELIFESTUDIES.ORG NARRATIVE. CLASSIFIED AS 'L2' DUE TO DESCRIPTION OF GEAR BEING TIGHTLY WRAPPED AROUND ANIMAL.	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	5	6	DUNGENESS CRAB POT FISHERY (OREGON)	GRAYS HARBOR	WA	SI	SUCCESSFUL DISENTANGLEMENT OF WHALE BY CASCADIA RESEARCH. WHEN ENCOUNTERED, WHALE WAS IMMOBILIZED BY GEAR AROUND TAILSTOCK AND FLUKES. WHALE WAS DESCRIBED AS ONLY MOVING VERTICALLY IN THE WATER COLUMN, WITH LITTLE HORIZONTAL MOVEMENT. THE WHALE SWAM RAPIDLY AWAY AFTER DISENTANGLEMENT AND WAS NOT RESIGHTED. GEAR POSITIVELY-IDENTIFIED AS OREGON CRAB POT GEAR BY BUOY NUMBER. GEAR HAD BEEN SET 50 MILES SOUTH OF WHERE WHALE WAS ENCOUNTERED APPROXIMATELY ONE WEEK PRIOR.	NSI	L2	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2014	5	6	UNIDENTIFIED FISHERY INTERACTION	SAN LUIS OBISPO	CA	SI	DRAGGING SIGNIFICANT AMOUNT OF GEAR OFF PISMO BEACH; HEADING SLOWLY NORTH; POSSIBLY LIFE THREATENING; NO IMMEDIATE RESPONSE POSSIBLE DUE TO WEATHER. SEVERITY OF ENTANGLEMENT AND CONFIGURATION OF GEAR UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	5	22	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	LOS ANGELES	CA	DEAD	BLUE / GREEN POLYPROPYLENE LINE AND ASSOCIATED BULLET BUOYS FOUND ON A SEVERED PAIR OF HUMPBACK FLUKES WEST OF SAN CLEMENTE ISLAND. PHOTOS AND SAMPLE TAKEN BY BIOLOGIST J. STAHL. NUMBERS ON BUOYS IDENTIFIED IT AS CALIFORNIA DUNGENESS CRAB POT GEAR SET IN THE FARALLONS AND HALF MOON BAY AREA IN MARCH/APRIL. TWO SETS OF GEAR ON SAME WHALE. SPECIES ID VIA GENETICS AT SWFSC.	DEAD	NA	1	Y	Y

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HUMPBACK WHALE	CA-OR-WA	2014	6	5	CA SPOT PRAWN TRAP FISHERY	SANTA BARBARA	CA	SI	SPOT PRAWN TRAPS - ENTANGLED IN MIDDLE OF 10 TRAP SET WITH OVER 2,000 FEET OF GREEN AND BLACK POLYPROPYLENE ROPE AND ANCHOR. ROPE ENCIRCLED MIDDLE OF WHALE A COUPLE OF TIMES AND PINNED ONE OF THE WHALE'S PECTORAL FLIPPERS. FLUKES WERE IMMOBILIZED AS WELL. GEAR TYPE CONFIRMED BY BUOY NUMBERS AND FISHERMAN WHO WAS CONTACTED. GEAR HAD BEEN SET APPROX. 2 MILES FROM WHERE WHALE WAS FOUND. RESCUE EFFORT INITIATED, ANIMAL COMPLETELY DISENTANGLED AND SWAM TOWARDS SANTA CRUZ ISLAND. SOME DETAILS OF THIS ACCOUNT WERE TAKEN FROM THE CONDOR EXPRESS VESSEL WEBSITE: <a href="http://condorexpress.com/blog/2014/06/08/entangled-humpback-whale-set-free/">http://condorexpress.com/blog/2014/06/08/entangled-humpback-whale-set-free/</a>	NSI	L2	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2014	6	27	UNIDENTIFIED FISHERY INTERACTION	SAN LUIS OBISPO	CA	DEAD	DEEP ENTANGLEMENT WOUNDS ON TAIL STOCK; DEAD STRANDING; NOT WHALE FROM 4/27/2014--CONFIRMED VIA PHOTO ID; GEAR DOES NOT APPEAR TO BE PRESENT ON CARCASS.	DEAD	NA	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	7	19	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI	ENTANGLED WITH SIGNIFICANT WRAPS OF LINE AND GEAR AROUND BODY. PHOTOS OF LARGE GAUGE ROPE CUTTING THROUGH PECTORAL FLIPPER AND WRAPPED AROUND BODY. REPORTING PARTY APPROACHED THE WHALE IN AN ATTEMPT TO REMOVE GEAR, BUT WHALE DOVE AND WAS NOT RESIGHTED.	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	7	25	VESSEL STRIKE	MONTEREY	CA	NSI	WHALE SURFACED 30 FEET IN FRONT OF 57.8 FT COMMERCIAL FISHING VESSEL MOVING AT 7.5 KTS. WHALE SLAPPED TAIL AND APPARENTLY STRUCK BOW. WHALE DESCRIBED AS UNINJURED, 'COSMETIC' DAMAGE ABOVE WATERLINE ON VESSEL INDICATED ON SELF-REPORTING FORM. WHALE RESURFACED AND DOVE WITH NO APPARENT INJURY. LARGE WHALE CRITERIA L6C APPLIED FOR NON-SERIOUS INJURY AS VESSEL WAS MOVING <10 KTS AND NO DISCERNABLE INJURY TO WHALE.	NSI	L6C	0	N	N
HUMPBACK WHALE	CA-OR-WA	2014	7	25	VESSEL STRIKE	MONTEREY	CA	NSI	WHALE SURFACED 30 FEET IN FRONT OF 57.8 FT COMMERCIAL FISHING VESSEL MOVING AT 7.5 KTS. WHALE SLAPPED TAIL AND APPARENTLY STRUCK BOW. WHALE DESCRIBED AS UNINJURED, 'COSMETIC' DAMAGE ABOVE WATERLINE ON VESSEL INDICATED ON SELF-REPORTING FORM. WHALE RESURFACED AND DOVE WITH NO APPARENT INJURY. LARGE WHALE CRITERIA L6C APPLIED FOR NON-SERIOUS INJURY AS VESSEL WAS MOVING <10 KTS AND NO DISCERNABLE INJURY TO WHALE.	NSI	L6C	0	N	N
HUMPBACK WHALE	CA-OR-WA	2014	8	16	UNIDENTIFIED FISHERY INTERACTION	GRAYS HARBOR	WA	DEAD	FRESHLY DEAD, SIGNS OF RECENT ENTANGLEMENT AT TAILSTOCK AND FLUKES: 3-5 LINES, TISSUE NECROTIC, CELLULITIS. NO LINES OR GEAR RECOVERED. PHOTOS SENT TO CA, NO MATCH TO RECENTLY DISENTANGLED WHALES. DID NOT MATCH WHALE DISENTANGLED OFF WA COAST EARLIER THIS YEAR.	DEAD	NA	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	8	28	DUNGENESS CRAB POT FISHERY	MONTEREY	CA	SI	DUNGENESS CRAB TRAP ATTACHED, NO LICENSE NUMBER; BLUE POLYLINE, WEATHERED BUOY, DUNGENESS CRAB POT; HEAD RAISES AND CHIN SLAPS; SELF RELEASE AFTER BOAT FENDER WAS ATTACHED AS MEANS OF RELOCATING ANIMAL, RESIGHTED GEAR FREE.	NSI	L3	0	Y	N

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HUMPBACK WHALE	CA-OR-WA	2014	9	12	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI (PRORATE)	ENTANGLED HUMPBACK WHALE WITH TWO BULLET BUOYS TRAILING ORANGE AND YELLOW AND 10-20 FT OF LINE. ANIMAL LOST DUE TO BAD SEA STATE CONDITIONS; LIKELY TRAP; ENTANGLEMENT DOES NOT INVOLVE FLUKES OR PEDUNCLE AND IS BELIEVED TO INVOLVE PECTORAL FLIPPERS AND MOUTH; PHOTO IN ACCESS DATABASE.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	9	13	CA SPOT PRAWN TRAP FISHERY	MONTEREY	CA	SI	SPOT PRAWN TRAPS - ENTANGLED WITH 25 TRAP SET-- INITIALLY ONLY CUT OFF SOME GEAR BUT WHALE SHED REST OF GEAR AND SATELLITE PACKAGE LATER. GEAR ACTUALLY RETRIEVED BUT SATELLITE PACKAGE LOST. POSSIBLE RESIGHT OF WHALE SEEN PREVIOUS DAY?	NSI	L3	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2014	9	19	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	LINCOLN	OR	SI (PRORATE)	SEEN BY NOAA BIOLOGIST (SB) DURING LEATHERBACK SURVEYS OFF SEAL ROCK AREA. WHALE TRAILING 3 YELLOW BUOYS AND 150 OF LINE. ESTIMATED TRAVEL AT 5 KTS.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	9	20	CA SPOT PRAWN TRAP FISHERY	MONTEREY	CA	SI	SPOT PRAWN TRAPS - ENTANGLED WITH 25 TRAP SET-- INITIALLY CUT OFF SOME GEAR BUT WHALE SHED REST OF GEAR AND SATELLITE PACKAGE LATER. GEAR RETRIEVED BUT SATELLITE PACKAGE LOST. GEAR INVOLVED SAME VESSEL AS 9/13 ENTANGLEMENT. VESSEL HAD SET GEAR IN CLOSE PROXIMITY AND BOTH GEAR SETS ENTANGLED DIFFERENT WHALES WITHIN A WEEK.	NSI	L3	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2014	9	20	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	CLALLAM	WA	SI (PRORATE)	SEEN BY NOAA BIOLOGIST (SB) DURING LEATHERBACK SURVEYS OFF LA PUSH, WA. WHALE TRAILING 3 YELLOW AND ONE RED BUOY MULTIPLE TRAILING LINES. NOT A RESIGHT OF WHALE SEEN PREVIOUS DAY BECAUSE DISTANCE COVERED (240 MILES) IS TOO GREAT. PHOTO AVAILABLE.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	9	21	CA SPOT PRAWN TRAP FISHERY	MONTEREY	CA	SI (PRORATE)	FREE-SWIMMING ANIMAL; CARRYING BUOYS LIKELY SAME SET FROM 9/20/14 THAT WAS SHED FROM OTHER ANIMAL. ASSUMED TO BE DIFFERENT ANIMAL BECAUSE OF LACK OF DETAIL ON RECORD.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2014	10	5	VESSEL STRIKE	SAN DIEGO	CA	SI	LARGE LACERATION ACROSS BACK BETWEEN BLOWHOLE AND DORSAL FIN. LACERATION APPROXIMATELY 4 INCHES LONG AND 10 INCHES DEEP. MAINLY USING LEFT PECTORAL FLIPPER FOR MOBILITY, OCCASIONALLY FLUKES, NOT AT ALL WITH RIGHT PECTORAL FLIPPER. ASSUMPTION IS BOAT STRIKE. DID NOT APPEAR TO BE TOO THIN, BUT IT WAS OBVIOUS THIS ANIMAL WAS UNABLE TO DIVE OR USE ITS RIGHT PECTORAL FLIPPER AND ONLY SOME MOVEMENT FROM TAIL FLUKES.	SI	L5A	1	N	Y
HUMPBACK WHALE	CA-OR-WA	2014	10	11	LIMITED ENTRY SABLEFISH POT FISHERY	OFFSHORE	OR	DEAD	A HUMPBACK WHALE WAS OBSERVED ENTANGLED DEAD IN SABLEFISH POT GEAR APPROX. 35 MILES W OF CANNON BEACH. THE ENTANGLEMENT OCCURRED IN 145 FATHOMS OF WATER AND THE WHALE WAS DISCOVERED WRAPPED IN THE GROUND LINE THREE POTS IN FROM THE END OF THE STRING. THE GROUND LINE IS REPORTED AS SINKING TYPE (LEAD LINE) WHEN BROUGHT TO THE SURFACE THE OBSERVER ON BOARD REPORTED THERE WAS NO DISCERNABLE MOVEMENT.	DEAD	NA	1	Y	Y

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Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HUMPBACK WHALE	CA-OR-WA	2014	10	12	VESSEL STRIKE	SAN DIEGO	CA	SI	ANIMAL FIRST SIGHTED ALIVE OFF ORANGE COUNTY OCTOBER 3RD WITH HEALING DORSAL PROPELLOR WOUND & LIMITED MOBILITY. SIGHTED ALIVE AGAIN OFF OCEANSIDE OCT. 6 AND DEL MAR OCT. 7, 3/4 MILE OFFSHORE. MULTIPLE VERTEBRAL, RIB, SCAPULAR FRACTURES, AND HEMORRHAGE OBSERVED AT NECROPSY. DETAILS OF LACERATION / INJURY LACKING WHEN ANIMAL SEEN ALIVE, HOWEVER USE OF L5A CRITERIA REFLECTS LIKELY SEVERITY OF INJURY BECAUSE WHALE HAD LIMITED MOBILITY WHEN OBSERVED.	DEAD	L5A	1	N	Y
HUMPBACK WHALE	CA-OR-WA	2014	10	29	MARINE DEBRIS UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI	WHALE ENTANGLED IN A WAVE RIDER BUOY THAT HAD STOPPED TRANSMITTING ON 4 OCTOBER. A TEAM WAS SENT TO CHECK ON BUOY FOUND THE ENTANGLED HUMPBACK WHALE IN BUOY LINES ON 24 OCTOBER. WHALE WAS DESCRIBED AS 'WEAK' AND 'STRUGGLING'. WHALE LICE WERE PRESENT AND THE CONDITION OF THE SKIN IMPLIED POOR HEALTH. WHALE ENTANGLED AROUND CAUDAL PEDUNCLE ; CAUGHT IN BUNGEE BETWEEN 10 FT CHAIN AND LINE THAT RUNS TO 300 LB ANCHOR; VIDEO AND PHOTOS SHOWED SEVERE ENTANGLEMENT AND LACERATION AT CAUDAL PEDUNCLE WITH SUBSTANTIAL NECROTIC TISSUE. SUCCESSFULLY DISENTANGLED 10/29/14, BUT CONSIDERED A SERIOUS INJURY DUE TO CONSTRICTING NATURE OF GEAR, LENGTH OF TIME WHALE WAS ENTANGLED, NECROTIC CONDITION OF FLUKES, AND OVERALL POOR HEALTH OF WHALE. SEE MARINELIFESTUDIES.ORG FOR ADDITIONAL INFORMATION.	SI	L2	1	N	Y
HUMPBACK WHALE	CA-OR-WA	2014	11	11	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI (PRORATE)	FREE-SWIMMING WHALE REPORTED AS ENTANGLED, LIKELY CRAB POT.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	1	8	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	WHITE CIGAR BUOY ON LEFT SIDE OF WHALE BETWEEN MOUTH AND PECTORAL FIN, BLUE STEEL LINE OBSERVED, ABRASIONS ON LEADING EDGE OF FLUKES. ANIMAL WAS SEEN FLUKING / DIVING BASED ON PHOTOS. NOTHING ELSE WAS VISIBLE OTHER THAN THE WHITE CIGAR BUOY. 1ST RESPONSE TEAM FAST RAFT COULD NOT RELOCATE. PHOTOS REVIEWED. AMOUNT AND CONFIGURATION OF ATTACHED GEAR UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	1	19	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	MONTEREY	CA	SI (PRORATE)	3 BUOYS SEEN IN TOTAL, COULDN'T EXACTLY SEE WHERE THE ENTANGLEMENT WAS ON THE WHALE - POSSIBLE MOUTH/PECTORAL FIN. LINE RUNNING BACK TO BUOYS ABOUT 150 FT BEHIND THE WHALE,; PHOTOS OF ENTANGLEMENTS AND BUOYS, TAGS REVIEWED. FISHERMAN ID NUMBER NOT READABLE BUT WE ARE ABLE TO DETERMINE THAT IT IS CA DUNGENESS CRAB TIER 1 GEAR. WHALE WAS NOT FLUKING SO COULDN'T SEE THE TAIL. DIVING. SWIMMING ABOUT 5 KNOTS. FAST RAFT RESPONDED AND GOT ON ANIMAL AT 36.795 121.8917 WITH WHALE HEADING NORTH. WHALE SWIMMING AND DRAGGING 1ST FLOAT UNDERWATER. COULDN'T SEE WHERE LINE ORIGINATED. FRESH ABRASIONS VISIBLE ON TOP OF PEDUNCLE AND BEHIND DORSAL INDICATING RECENT MIGRATION OF THE GEAR FROM THE DORSAL FIN BACK TO THE TAIL. ALTHOUGH SOME EVIDENCE OF MIGRATION OF GEAR THAT WOULD INDICATE LOOSELY WRAPPED GEAR (CATEGORY 1,2) THE ENTIRE	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	2	16	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	1-2 INCH LINE WRAPPED OVER DORSAL SIDE OF WHALE HALFWAY BETWEEN BLOWHOLE AND DORSAL FIN; PHOTO OF ENTANGLEMENT AND FLUKE SHOT AVAILABLE BUT NOT REVIEWED; ROPE IS FOULED WITH KNOTS/TWISTS; EXTENT OF ENTANGLEMENT UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y

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HUMPBACK WHALE	CA-OR-WA	2015	2	17	DUNGENESS CRAB POT FISHERY (RECREATIONAL)	MONTEREY	CA	SI (PRORATE)	GEAR WAS SET NEAR MOSS LANDING ON 2/11; ENTANGLEMENT OCCURRED SOMETIME BETWEEN 2/11-15TH; 2-3 ORANGE BOUYS TRAILING APPROX 10 FT BEHIND WHALE; POSSIBLE MOUTH/PECTORAL FLIPPER ENTANGLEMENT AS REPORTED BY RESPONDERS; FOUND WHILE LOOKING FOR 2/16 HUMPBACK ENTANGLEMENT REPORT; CONVERSATION WITH FISHERMAN: 1 CRAB POT SET ON 300 FT OF LINE IN 173 FT OF WATER.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	3	6	UNIDENTIFIED FISHERY INTERACTION	SANTA CRUZ	CA	DEAD	THERE WAS SIGNIFICANT EVIDENCE OF AT LEAST ONE PREVIOUS ENTANGLEMENT AND POSSIBLY MULTIPLE ENTANGLEMENTS ON A MODERATELY-DECOMPOSED STRANDING. LINE MARKS WERE OBSERVED AROUND THE PEDUNCLE AT THE LEVEL OF THE GENITAL SLIT, AT THE CRANIAL MARGIN OF THE RIGHT PECTORAL FIN, AND AT THE CAUDAL MARGIN OF THE RIGHT PECTORAL FIN. THERE WAS ALSO A MODERATE LINE MARK THAT RAN TRANSVERSALLY ACROSS THE CENTRAL PLEATS AT THE LEVEL OF THE AXILLA. THESE WOUNDS WERE IN THE PROCESS OF HEALING.	DEAD	NA	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	3	26	UNIDENTIFIED FISHERY INTERACTION	SANTA CRUZ	CA	SI	ENTANGLEMENT SIGNIFICANTLY EMBEDDED, TIGHT WRAP BUT TAIL IS FREE, COULDN'T SEE ANY GEAR IN THE MOUTH. CATEGORIZED AS L2 BECAUSE OF DESCRIPTIVE EVIDENCE OF EMBEDDED OR CONSTRICTING WRAP. NO PHOTOS TO REVIEW	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	5	4	VESSEL STRIKE	SAN MATEO	CA	DEAD	LIMITED NECROPSY REVEALED HEMORRHAGING ON THE LEFT LATERAL SIDE AT END OF RIBS. FOUR PROCESSES OF LUMBAR VERTEBRAE WERE BROKEN BENEATH HEMORRHAGING. GOOD BLUBBER THICKNESS AND BODY CONDITION. EXTENSIVE PARASITES IN GI TRACT. NECROPSY REPORT ATTACHED TO HARD COPY FOR MORE DETAILS. CAS-ACC-6993	DEAD	L12	1	N	Y
HUMPBACK WHALE	CA-OR-WA	2015	5	14	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	MONTEREY	CA	SI (PRORATE)	WHALE TOWING 2 YELLOW BUOYS (ONE WITH A SMALL WHITE BUOY ATTACHED AS EXTRA FLOTATION), ORANGE TRAP TAG PRESENT BUT UNREADABLE, BUOY NUMBER , PHOTOS AVAILABLE, CDFW DUNGENESS TIER 6 PERMIT. UNCERTAINTY OVER WHETHER WHALE SELF-RELEASED FROM GEAR, NOT CONFIRMED, THUS TREATED AS AN L10 SERIOUS INJURY BECAUSE GEAR CONFIGURATION IS UNKNOWN. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	5	16	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	SANTA BARBARA	CA	NSI	ANIMAL LIKELY HAS LINE THROUGH MOUTH AND TRAILS TO EITHER SIDE TO LENGTH OF BODY. BOTH SIDES TERMINATED BY SPONGEX BUOYS (GREEN WITH RED TO ON ONE SIDE AND WHITE ON THE OTHER.). ANIMAL APPEARS IN GOOD CONDITION, FEEDING WITH OTHER ANIMALS. WHALE OBSERVED ACTIVELY FEEDING WITH OTHER ANIMALS. FEEDING ANIMAL IMPLIES THAT GEAR IS NOT CONSTRICTING, THUS L3 DETERMINATION MADE. PHOTOS REVIEWED BY J. CARRETTA.	NSI	L3	0	N	N
HUMPBACK WHALE	CA-OR-WA	2015	5	24	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	STATIONARY WHALE BREATHING AT SURFACE, ASSOCIATED WITH BUOY WITH PARTIAL TAG NUMBER. NO PHOTOS.	SI (PRORATE)	L10	0.75	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
HUMPBACK WHALE	CA-OR-WA	2015	5	28	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	DISCOVERED 6/2/15 WHEN DANA WHARF SPORTFISHING EXAMINED 5/28 PHOTOS. AT LEAST ONE WRAP OF HEAVY GAUGE MONOFILAMENT LINE, LIKELY REPRESENTING LONGLINE GEAR, AROUND THE ANIMAL'S PEDUNCLE AND FLUKE. GEAR IS ALREADY DEEPLY EMBEDDED AND WOUNDS APPEAR FRESH. THE AMOUNT OF GEAR TRAILING IS UNDETERMINED. NO RESPONSE WAS MOUNTED DUE TO THE BELATED NATURE OF THE REPORT. SI DETERMINATION CRITERION L2 APPLIED AS THERE IS EVIDENCE THAT GEAR IS CUTTING INTO WHALE. PHOTOS REVIEWED BY J. CARRETTA.	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	6	9	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	MONTEREY	CA	SI (PRORATE)	WHALE DOCUMENTED ENTANGLED WITH CRAB POT GEAR WHICH HAD BEEN LOST PREVIOUS YEAR. UNKNOWN DURATION OF ENTANGLEMENT, NO ASSUMPTION IS MADE THAT ENTANGLEMENT STARTED WHEN GEAR WAS LOST, AS GHOST GEAR IS ROUTINELY INVOLVED IN ENTANGLEMENTS AFTER LOSS. WHALE THRASHING AROUND IN RELATIVELY SHALLOW WATER. WHALE SELF-RELEASED FROM GEAR AND/OR GEAR BROKE FREE ON ROCKS IN SHALLOW WATER. THE FISHERY WAS IDENTIFIED BY BUOY NUMBERS. TRAP AND ROPE REPORTED AS 'EXTREMELY SHREDDED'. FISHERMAN CONFIRMED THAT ALL GEAR WAS RETRIEVED, THUS ASSIGNED A NON-SERIOUS INJURY BASED ON THE SELF-RELEASE OF ANIMAL. RESPONSE TEAM INCLUDED K. FORNEY, WHO RETRIEVED GEAR. PHOTOS OF WHALE NOT AVAILABLE. GEAR PHOTOS REVIEWED BY J. CARRETTA.	NSI	L3	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2015	6	12	UNIDENTIFIED FISHERY INTERACTION	SANTA CRUZ	CA	SI (PRORATE)	WHALE REPORTED AS FLOPPING AROUND IN NETTING 0.5 FROM SHORE. REPORT ALSO DETAILS A CRUSHED WHITE BUOY ASSOCIATED WITH THE SIGHTING. NO RESPONSE, NO FURTHER DETAILS.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	6	21	UNIDENTIFIED FISHERY INTERACTION	SANTA CRUZ	CA	SI	REPORTED BY USCG. WHALE WITH BUOYS (ONE YELLOW, ONE WHITE) AND ROPE NEAR HEAD, ANOTHER BUOY NEAR FLUKES (NOT APPARENT IN PHOTOS). WHALE SHOWS RIDGE BETWEEN HEAD AND DORSAL FIN, INDICATING SOME EMACIATION AND APPARENT DECLINE IN HEALTH. FULL GEAR CONFIGURATION UNKNOWN. PHOTOS REVIEWED BY J. CARRETTA AND A. HENRY.	SI	L10	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	6	22	UNIDENTIFIED FISHERY INTERACTION	SANTA CRUZ	CA	SI (PRORATE)	WHALE REPORTED SWIMMING IN CIRCLES OF CAPITOLA WITH YELLOW AND ORANGE BUOYS NEAR HEAD. NO PHOTOS. FULL GEAR CONFIGURATION UNKNOWN. LACK OF ORANGE BUOY(S) REPORTED FROM PREVIOUS-DAY WHALE IS EVIDENCE THAT THIS IS A UNIQUE CASE.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	6	25	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	MONTEREY	CA	SI (PRORATE)	WHALE INITIALLY PHOTOGRAPHED ON 6/25 TRAILING THREE BUOYS AND APPROX. 125 FT. OF ROPE. DEEP LACERATIONS ON CAUDAL PEDUNCLE AND FLUKE / TAIL STOCK INTERSECTION, APPEARED TO BE FRESH WOUNDS. WHALE SUBSEQUENTLY PHOTOGRAPHED ON 7/16, STILL TRAILING GEAR. WHALE APPARENTLY SELF-RELEASED FROM GEAR AFTER SATELLITE PACKAGE WAS ATTACHED TO GEAR. GEAR WAS RECOVERED ON 7/24 AND IDENTIFIED AS DUNGENESS CRAB POT GEAR. PHOTOS REVIEWED BY J. CARRETTA.	NSI	L3	0	Y	N

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HUMPBACK WHALE	CA-OR-WA	2015	7	3	DUNGENESS CRAB POT FISHERY (OREGON)	MONTEREY	CA	SI	PHOTOGRAPHS SHOWED CIRCUMFERENTIAL CONSTRICTING INJURY BEHIND BLOW HOLE REGION. ROPES EXTENDED THROUGH THE MOUTH AND RAN TIGHTLY OVER ITS BACK DEFORMING THE LEFT SIDE OF THE HEAD, AND WOUND AROUND ITS RIGHT FLIPPER, TRAILING A TANGLE OF LINES AND PINK BUOYS. FISHERMAN CONFIRMED GEAR WAS SET OFF CAPE MEARES, OREGON IN DECEMBER (OREGON FISHERY). RESCUE RESPONSE EFFORT RESULTED IN THE REMOVAL OF ALL GEAR EXCEPT FOR A SMALL AMOUNT OF EMBEDDED LINE LEFT BEHIND EXPECTED TO BE SHED BY ANIMAL AS IT HEALS. CATEGORIZED AS L3 / NSI BECAUSE OF GEAR REMOVAL AND PROGNOSIS FOR SURVIVAL. PHOTOGRAPHS REVIEWED BY J. CARRETTA.	NSI	L3	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2015	7	7	UNIDENTIFIED FISHERY INTERACTION	CLALLAM	WA	SI (PRORATE)	THE ENTANGLEMENT IS DESCRIBED AS EXTENSIVE AROUND THE BODY WITH BOTH MESH AND LINE. MESH TYPE UNKNOWN. NO DIRECTION OF TRAVEL, WHALE APPEARS STATIONARY. NO PHOTOS.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	7	12	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MENDOCINO	CA	SI (PRORATE)	4 ORANGE AND WHITE BULLET BUOYS DESCRIBED AS CRAB BUOYS BEING TRAILED APPROX. 30 FT. BEHIND ANIMAL. NO PHOTOS.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	7	13	UNIDENTIFIED FISHERY INTERACTION	MENDOCINO	CA	SI (PRORATE)	HUMPBACK TRAILING MULTIPLE BLACK AND WHITE BUOYS, MULTIPLE BODY LENGTHS BEHIND WHALE. FULL GEAR CONFIGURATION UNKNOWN. BUOY COLORS DIFFER FROM 7/12 SIGHTING IN SAME AREA, NOT A RESIGHT. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	7	19	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	AT LEAST 2 ORANGE/PINK BUOYS FOULED TRAILING CLOSE BEHIND THE RIGHT SIDE OF THE ANIMAL - ENTANGLEMENT APPEARS TO BE FORWARD OF THE PEDUNCLE. KELP APPEARS TO BE ALSO WRAPPED UP IN THE ENTANGLEMENT BUT ON THE LEFT SIDE OF THE WHALE. ANIMAL REPORTED TO BE FEEDING AND SWIMMING NORMALLY. FULL GEAR CONFIGURATION UNKNOWN AND POTENTIAL FOR SERIOUS INJURY EXISTS OVER TIME. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	8	10	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	MONTEREY	CA	SI (PRORATE)	AT LEAST 2 RED / WHITE BUOYS BEING TRAILED BY WHALE, ABRASIONS ON LEADING EDGE OF FLUKES. CONFIGURATION AND AMOUNT OF GEAR IS UNKNOWN. A TELEMETRY BUOY WAS ATTACHED TO GEAR AND THE WHALE WAS TRACKED TRAVELING TO NEAR THE U.S./MEXICO BORDER BY 8/14 AND THEN WAS LAST DETECTED AGAIN ON 9/4 FAR OFFSHORE OF MONTEREY BAY BEFORE TRANSMISSIONS FAILED. THE WHALE WAS NOT VISUALLY RELOCATED DURING THIS TIME. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	8	26	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	SI (PRORATE)	TRAILING TWO ORANGE TORPEDO BUOYS APPROX. 100 FT. BEHIND ANIMAL WITH GREEN/BLUE LINE/ROPE. GEAR NOT VISIBLE AND CONFIGURATION AND AMOUNT OF GEAR UNKNOWN. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	9	10	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI (PRORATE)	REPORTED BY FREE DIVER. 1/2 INCH YELLOW LINE WRAPPED AROUND BODY IN FRONT OF PECTORAL FLIPPER AND YELLOW/WHITE BUOY ATTACHED SITTING ON THE BACK, 25 FEET OF TRAILING LINE, NO PHOTOS. FULL GEAR CONFIGURATION UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	9	14	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	NO TRAILING BUOYS, BLUE ROPE BEHIND DORSAL AROUND BODY IN FRONT OF FLUKES, SWIMMING WITH ANOTHER WHALE. GEAR CONFIGURATION UNKNOWN. NO PHOTOS.	SI (PRORATE)	L10	0.75	Y	Y

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HUMPBACK WHALE	CA-OR-WA	2015	9	24	VESSEL STRIKE	CLATSOP	OR	SI (PRORATE)	AN ARTICULATED TUG AND BARGE REPORTING STRIKING A HUMPBACK WHALE OF UNKNOWN SIZE IN THE COLUMBIA RIVER. THE ANIMAL WAS SIGHTED IMMEDIATELY AFTER THE COLLISION AND ROLLED OVER. COLUMBIA RIVER BAR PILOTS FLEW OVER THE AREA WITH THEIR HELICOPTER AND CLAIMED THE WHALE WAS SWIMMING AROUND NORMALLY. NO DATA ON VESSEL SIZE AND SPEED. BASED ON OTHER ARTICULATED TUGBOAT / BARGE SIZES, IT IS ASSUMED THE VESSEL WAS MUCH LARGER THAN THE WHALE (VESSEL SIZE > 65 FT). THIS RECORD IS ASSIGNED AS L7A.	SI (PRORATE)	L7A	0.56	N	Y
HUMPBACK WHALE	CA-OR-WA	2015	9	25	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	SI (PRORATE)	1ST SIGHTING 4-5 YELLOW FOAM FLOATS WITH RED CIRCULAR LINE AROUND FLOAT; APPROX 40 FT BEHIND WHALE, 2ND SIGHTING HAD GEAR TRAILING 150 FT; DORSAL AND FLUKE PHOTOS AND VIDEO AVAILABLE FROM 2ND REPORT. PHOTOS TOO DISTANT TO DETERMINE CONFIGURATION AND AMOUNT OF GEAR. PHOTOS EXAMINED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	9	26	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	WHALE SEEN WITH GREEN 55 GALLON DRUM OR RUBBER DOCK FENDER AND LINE WRAPPED AROUND HEAD, BETWEEN PECTORAL FLIPPERS AND BLOWHOLE. DRUM IS ABOVE WATER WHEN WHALE SURFACES AND LINE WRAPS COMPLETELY AROUND ANIMAL LIKE A BRIDLE. MULTIPLE SIGHTINGS OF WHALE FROM SEPTEMBER TO NOVEMBER. UNDERWATER AND ABOVE-WATER PHOTOS OF WHALE SHOW A VERY EMACIATED ANIMAL. SERIOUS INJURY WITH CONSTRICTING GEAR AND POOR ANIMAL CONDITION. PHOTOS REVIEWED BY J. CARRETTA AND J. BARLOW.	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	9	29	DUNGENESS CRAB POT FISHERY (CALIFORNIA)	ORANGE	CA	SI (PRORATE)	YELLOW POLY ROPE WRAPPED AROUND CAUDAL PEDUNCLE, 20-30 FEET OF LINE TRAILING, 1 SMALLER WHITE FOAM BUOY CLOSER TO FLUKE; ONE YELLOW/WHITE FLOAT WITH DUNGENESS CRAB TRAP TAG BUOY TIER 4 CA ON LINE TOWARDS THE END OF THE LINE. NO PHOTOS / VIDEO TO EXAMINE. GEAR CONFIGURATION UNKNOWN. NO INSIGHT INTO WHETHER GEAR IS CONSTRICTING OR LOOSE.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	10	17	GILLNET FISHERY	LOS ANGELES	CA	SI	LARGE MASS OF BLUE GILLNET THROUGH MOUTH AND AROUND HEAD AND RIGHT PECTORAL FLIPPER. NET APPEARS TO PIN PECTORAL FIN TO BODY. ANIMAL BREACHING. NET CUTTING INTO ROSTRUM AND ABRASIONS ON LEADING EDGES OF FLUKES. CONSTRICTING NATURE OF GILLNET WARRANTS AN L2 SERIOUS INJURY DESIGNATION. ANIMAL WAS RESIGHTED ON 10/31 IN ORANGE COUNTY, STILL ENTANGLED WITH PECTORAL FLIPPER PINNED TO BODY. PHOTOS REVIEWED BY J. CARRETTA AND A. HENRY.	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	10	17	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	CIRCUMFERENTIAL, CONSTRICTING INJURY BEHIND HEAD, MATERIAL NOT IDENTIFIED. ANIMAL APPEARS EMACIATED AND PERHAPS DEFORMED IN REGION OF INJURY. ATTACHED MATERIAL MAY BE LIMITING ABILITY TO FEED. HEALTH DECLINE AND CONSTRICTING NATURE OF INJURY WARRANTS AN L2 SERIOUS INJURY DESIGNATION. PHOTOS REVIEWED BY J. CARRETTA, D. WELLER, AND A. HENRY.	SI	L2	1	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	10	23	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	BLUE / GREEN ROPE WRAPPED AROUND HEAD AND TAILSTOCK OF ANIMAL. ROPE DOES NOT APPEAR TO BE CONSTRICTING. ROPE POSSIBLY GOES THROUGH MOUTH. NO TRAILING BUOYS. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y

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HUMPBACK WHALE	CA-OR-WA	2015	10	25	LOBSTER TRAP ENTANGLEMENT	SAN DIEGO	CA	SI	EXCELLENT UNDERWATER VIDEO SHOWS HEALTHY WHALE WITH LINE WRAPPED TIGHTLY AROUND FLUKES. ANIMAL IS TOWING A POT/TRAP WITH APPROXIMATELY 175 FT OF LINE AND 2 WHITE BUOYS WITH BLACK AND BLUE NUMBERS. TRAP HAS CEMENT BLOCKS INSIDE. WHALE DISENTANGLED COMPLETELY AND GEAR RECOVERED, FISHERY POSITIVELY IDENTIFIED AS CA LOBSTER TRAP. GEAR WAS SET IN LA JOLLA AREA. VIDEO REVIEWED BY J. CARRETTA.	NSI	L3	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2015	10	28	DUNGENESS CRAB POT FISHERY (OREGON)	SANTA BARBARA	CA	SI	OREGON DUNGENESS CRAB GEAR (2 SETS OF GEAR WITH 250 FT. OF LINE). GEAR ORIGINALLY SET JUST NORTH OF CALIF./OREGON BORDER. ORANGE / RED BUOYS WITH LINE LACERATING INSERTION POINT OF PECTORAL FLIPPER. PHOTOS SHOW AN OPEN WOUND AT BASE OF PECTORAL FLIPPER. 10/31 RESCUE EFFORT RESULTED IN A SIGNIFICANT AMOUNT OF GEAR BEING REMOVED. REMAINING GEAR CONSISTED OF A SINGLE PASS OF GEAR THROUGH THE MOUTH, WHICH WILL PROBABLY BE SHED BY ANIMAL. L3 NON-SERIOUS INJURY AS A RESULT OF RESCUE EFFORT TO REMOVE CONSTRICTING GEAR.	NSI	L3	0	Y	N
HUMPBACK WHALE	CA-OR-WA	2015	11	7	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI (PRORATE)	REPORTED AS BLUE LINE AROUND PEDUNCLE AND TRAILING 2 WHITE BUOYS; PHOTOS CONFIRM ENTANGLEMENT, BUT PHOTO QUALITY IS POOR AND GEAR CONFIGURATION IS UNKNOWN. PHOTOS REVIEWED BY J. CARRETTA.	SI (PRORATE)	L10	0.75	Y	Y
HUMPBACK WHALE	CA-OR-WA	2015	11	8	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	NSI	REMNANT OF PREVIOUS ENTANGLEMENT WITH PIECE OF LINE OF UNKNOWN LENGTH ON DORSAL FIN; LINE FRAGMENT? POSSIBLY EMBEDDED IN DORSAL FIN OR ATTACHED ON BARNACLE ANTERIOR TO DORSAL FIN; ANIMAL DOES HAVE INDICATIONS OF PREVIOUS ENTANGLEMENT ON FLUKE (SEE PHOTOS); LINE DESCRIBED AS YELLOW "NYLON" - APPEARS TO BE MULTISTRAND TWISTED LINE. ENTANGLEMENT APPEARS TO BE LOOSE AND DRAPED OVER DORSAL FIN, WHALE LOOKS HEALTHY. PHOTOS REVIEWED BY J. CARRETTA AND A. HENRY.	NSI	L3	0	N	N
MINKE WHALE	CA-OR-WA	2011	12	18	CA SWORDFISH DRIFT GILLNET FISHERY	SAN DIEGO	CA	NSI	ANIMAL DISENTANGLED AND RELEASED WITHOUT TRAILING GEAR.	NSI	L3	0	N	N
MINKE WHALE	CA-OR-WA	2014	6	6	MARINE DEBRIS	MENDOCINO	CA	SI	ANIMAL REPORTED LIVE ON BEACH ROCKS WITH BLOOD COMING FROM DIFFERENT PARTS OF THE BODY. THE ANIMAL HAD BRUISING IN THE THORACIC AREA WHERE THERE WAS EVIDENCE OF HUMAN INTERACTION, THOUGHT TO BE A METAL CABLE OF SOME KIND, THAT FRACTURED THE VERTEBRA IN THAT AREA. USED CRITERIA L5A DUE TO EVIDENCE OF BLOOD COMING FROM BODY.	DEAD	L5A	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	1	20	MARINE DEBRIS	MARIN	CA	SI	ANIMAL ENTANGLED IN 1/2" ROPE NETTING AROUND NECK. DISENTANGLED, IMMEDIATE RELEASE ON SITE.	NSI	P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	3	21	CATCH SHARES HOOK AND LINE	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	3	25	CATCH SHARES HOOK AND LINE	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	4	3	SCIENTIFIC RESEARCH	SAN MATEO	CA	DEAD	ANIMAL DIED UNDER ANAESTHESIA	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	4	8	OIL / TAR	ORANGE	CA	SI	UNDERWEIGHT ANIMAL WITH TAR ON MUZZLE AND EYE. TAKEN INTO REHAB CENTER FOR TREATMENT	SI	P9	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	6	26	CATCH SHARES BOTTOM TRAWL SHORESIDE HAKE MIDWATER TRAWL	OFFSHORE	WA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	7	19	SHORESIDE HAKE MIDWATER TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y

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NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	11	8	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	ENTANGLED WITH GREEN PACKING STRAP AROUND NECK, MILDLY UNDERWEIGHT. VETERINARY STAFF DISENTANGLED AND IMMEDIATELY RELEASED AT STRANDING SITE	SI	P1, P7B	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	1	1	SHOOTING	PACIFIC	WA	DEAD	A BULLET HOLE WITH ASSOC. HEMORRHAGE AT STERNUM.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	1	10	MARINE DEBRIS	MARIN	CA	SI	ENTANGLEMENT AROUND NECK, DISENTANGLED ON SITE.; ORIGINALLY OBSERVED ENTANGLED 11/16/2009	NSI	P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	2	21	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES IN HEAD AND BODY WITH ASSOCIATED HEMORRHAGE; TREMENDOUS HEMORRHAGE AT NECK, FLIPPERS, AND BETWEEN DORSAL SCAPULAE; INTESTINES TWISTED; HEART SEEMED SMALL AND HAD A RIP ACROSS RIGHT VENTRICLE.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	3	26	OIL / TAR	ORANGE	CA	SI	MALNUTRITION, DEHYDRATION, TAR ON RIGHT SIDE OF FACE. TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ROTOTAG #22335.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	6	12	SHOOTING	PACIFIC	WA	DEAD	CLEAR ENTRANCE AND EXIT BULLET HOLES WITH ASSOCIATED HEMORRHAGING IN BODY; GAFF CUT ON ABDOMEN; HEAD GONE; BLOOD IN THORACIC AND ABDOMINAL CAVITIES.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	7	3	VESSEL STRIKE	DEL NORTE	CA	SI	UNDERWEIGHT, LACERATION ON LEFT SHOULDER FROM POSSIBLE BOAT STRIKE, UNDERWEIGHT, BLEEDING FROM NOSE. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED. TAGGED WITH ORANGE ROTOTAG #7529.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	7	25	SHOOTING	PACIFIC	WA	DEAD	EXCELLENT BODY CONDITION. TWO BULLET HOLES WITH ASSOCIATED TRACKS AND HEMORRHAGE IN NECK; HEMORRHAGE AT RIGHT LATERAL JAW, RIGHT LUNG, AND KIDNEYS, SIGNIFICANT BLOOD IN ABDOMINAL CAVITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	9	6	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	CA	DEAD	NWFSO GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	10	12	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	10	14	AK BSAI ATKA MACKEREL TRAWL	OFFSHORE	AK	DEAD	CAUGHT AND KILLED IN TRAWL GEAR.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	10	23	UNIDENTIFIED FISHERY INTERACTION	OFFSHORE	AK	DEAD	A DEAD NORTHERN ELEPHANT SEAL WAS FOUND IN A FISHING VESSEL'S TANK DURING OFFLOAD.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	1	27	HARASSMENT	MARIN	CA	NSI	HARASSED MALNUTRITION, TRAUMA, FULL BLACKCOAT, HARASSED BY PEOPLE - PLACED BACK IN WATER BY PUBLIC WITH TOWEL, MODERATELY UNDERWEIGHT, SUNKEN EYES.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	2	10	MARINE DEBRIS	UNKNOWN	CA	NSI	MARINE DEBRIS ENTANGLEMENT, PREVIOUS ENTANGLEMENT INFECTION. ANIMAL WAS POLE SYRINGED. THERE WAS AN EXAMINATION OF THE WOUND ON THE NECK. THERE WAS THOUGHT TO BE A DEEPLY IMBEDDED ENTANGLEMENT. SEVERAL INCISIONS WERE MADE TO LOCATE THE ENTANGLEMENT. NO ENTANGLEMENT WAS FOUND AND THE WOUND WAS SCRUBBED WITH BETADINE. PREVIOUS TAG WAS FOUND WHEN ATTEMPTING TO TAG AGAIN. ANIMAL WAS PREVIOUSLY ENTANGLED AND DISENTANGLED ON 11/10/2011 AT THE SAME LOCATION.	NSI	P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	2	28	HARASSMENT	MONTEREY	CA	NSI	HARASSMENT, MALNUTRITION.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	3	21	HARASSMENT	MONTEREY	CA	SI	HARASSED BY PEOPLE AND DOGS, EMACIATED, MATERNAL SEPARATION.	SI	P14	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	3	27	HARASSMENT	SANTA CRUZ	CA	NSI	HARASSED BY PEOPLE AND DOGS, EMACIATED, MATERNAL SEPARATION.	SI	P14	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	5	4	AK BSAI FLATFISH TRAWL	OFFSHORE	AK	DEAD	AN ELEPHANT SEAL WAS CAUGHT AND KILLED BY TRAWL GEAR.	DEAD	NA	1	Y	Y

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NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	6	24	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	NYLON NETTING ENTANGLEMENT AROUND UPPER BODY, DISENTANGLED ON SITE.	NSI	P7B, P8A	0	Y	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	9	15	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	NSI	LIVE ELEPHANT SEAL BROUGHT ON BOARD, UNIFORM DARK COLORATION WITH DARK WHISKERS. HAD A PINK TAG ON HIND FLIPPERS #N854. RELEASED ALIVE.	NSI	P4	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	9	30	POWER PLANT ENTRAINMENT	SAN LUIS OBISPO	CA	NSI	ENTRAINMENT DIRECT OBSERVATION. THE ANIMAL WAS DISCOVERED IN DIABLO CANON POWER PLANT INTAKE STRUCTURE FOREBAY. THE SEAL WAS HEALTHY AND APPEARED UNINJURED. IT WAS EVALUATED AND HELD OVERNIGHT BEFORE BEING RELEASED THE FOLLOWING DAY.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	10	12	VESSEL STRIKE	SAN FRANCISCO	CA	DEAD	SKULL IN MANY PIECES WITH HEMORRHAGE IN TISSUES OVER TOP OF CRANIUM.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	10	21	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	HARD WHITE PLASTIC ENTANGLEMENT AROUND NECK. ENTANGLEMENT REMOVED DURING PHYSICAL RESTRAINT IN THE FIELD DURING SRO RESCUE, NOT TAGGED.	NSI	P8A, P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	10	24	MARINE DEBRIS	SAN MATEO	CA	SI	BLACK 1/4 INCH PACKING STRAP ENTANGLED AROUND NECK, CUTTING IN ABOUT 4 INCHES VENTRALLY. FIELD SEDATION USED DURING SRO RESCUE, IMMEDIATE RELEASE ON BEACH. SPECIMENS COLLECTED.	NSI	P8A, P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	10	31	MARINE DEBRIS	SAN MATEO	CA	SI	PACKING STRAP ENTANGLEMENT. ANIMAL SIGHTED DURING ANO NUEVO ISLAND SEA LION CAPTURES. ENTANGLEMENT REMOVED DURING PHYSICAL RESTRAINT ON THE FIELD, NOT TAGGED.	NSI	P8A, P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	11	7	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	PACKING STRAP ENTANGLEMENT. DISENTANGLED ON SCENE AND GREASE MARK APPLIED IN FIELD DURING SRO RESCUE.	NSI	P8A, P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	11	13	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	SI	ANIMAL WAS HOOKED NOT ENTANGLED. UNABLE TO DETERMINE IF HOOKED IN THE MOUTH OR INGESTED. STOPPED THE VESSEL AS SOON AS ANIMAL BECAME VISIBLE AND BROUGHT THE ANIMAL CLOSER TO THE BOAT TO GET A PHOTO AND ATTEMPT TO DEHOOK. ANIMAL WAS STRUGGLING AND FOR THE SAFETY OF THE VESSEL AND THE ANIMAL, WE CUT THE LINE. THE ENTIRE INTERACTION LASTED FOR 1-2 MINUTES. UNABLE TO DEHOOK FOR SAFETY REASONS. CUT THE LINE BELOW THE WEIGHT, LEAVING THE HOOK, APPROX. 9 M MONO WITH THE LIGHTSTICK ATTACHED. APPROX. 37 43 N AND 129 59 W.	SI	P5A	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	11	19	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	THERE WERE NO OBVIOUS SIGNS OF DECOMPOSITION AND APPEARED TO BE FAIRLY FRESH. ANIMALS HEAD WAS SHREDDED UP WITH WHAT LOOKED LIKE FRESH WOUNDS. IT CAME UP IN THE NET DEAD. MAY HAVE BEEN KILLED BY PROPELLER, BUT CAUSE OF DEATH UNKNOWN.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	12	1	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	WHITE PACKING STRAP ENTANGLEMENT. DISENTANGLED ON SITE. NOT ABLE TO BE GREASE MARKED OR TAGGED. ENTANGLEMENT CUT ON DORSAL SIDE BUT TOO EMBEDDED TO BE FULLY REMOVED.	SI	P8A	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	2	26	HARASSMENT	SAN LUIS OBISPO	CA	NSI	FULL BLACKCOAT, MILDLY UNDERWEIGHT, SHIVERING, NO TEETH. HARASSED.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	3	HARASSMENT	SANTA CRUZ	CA	NSI	LETHARGIC, NOT MOVING WHEN APPROACHED BY DOGS AND PEOPLE, MODERATELY UNDERWEIGHT. HARASSED.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	9	OIL / TAR	SAN LUIS OBISPO	CA	SI	EMACIATED, LETHARGIC. TAR ON DORSUM, 2 PATCHES RIGHT CRUDAL AND RIGHT DORSAL/LAST RIB.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	14	OIL / TAR	SAN MATEO	CA	SI	EMACIATED, LETHARGIC, TAR ON RIGHT SIDE.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	14	OIL / TAR	MONTEREY	CA	SI	EMACIATED, LETHARGIC, HARASSED BY PEOPLE - POURING WATER. HARASSED/ OIL/TAR EXTERNAL EXAM	SI	P1	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	18	OIL / TAR	SAN LUIS OBISPO	CA	SI	EMACIATED, OIL / TAR.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	19	HARASSMENT	SAN LUIS OBISPO	CA	NSI	EMACIATED ANIMAL HARASSED BY DOGS ON BEACH	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	20	OIL / TAR	MONTEREY	CA	SI	EMACIATED, LETHARGIC ANIMAL WITH OIL / TAR.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	21	OIL / TAR	MONTEREY	CA	SI	EMACIATED ANIMAL WITH OIL / TAR.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	30	OIL / TAR	MONTEREY	CA	SI	EMACIATED, TAR ABOVE RIGHT EYE AND ON LEFT SIDE OF BACK. OIL/TAR.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	31	MARINE DEBRIS	SONOMA	CA	SI	BLACK RUBBER CORD AROUND NECK. DISENTANGLED AND TAGGED ON BEACH. GOOD BODY WEIGHT, MOLTING.	NSI	P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	3	OIL / TAR	MONTEREY	CA	SI	EMACIATED AND ACTIVE. OIL / TAR	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	5	HARASSMENT	SAN LUIS OBISPO	CA	NSI	EMACIATED ANIMAL ON BEACH TOUCHED/HANDLED BY MEMBERS OF PUBLIC	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	7	HARASSMENT	SAN MATEO	CA	NSI	EMACIATED ANIMAL ON BEACH TOUCHED/HANDLED BY MEMBERS OF PUBLIC	NSI	P10	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	8	OIL / TAR	SAN LUIS OBISPO	CA	SI	EMACIATED ANIMAL WITH OIL / TAR.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	13	MARINE DEBRIS	SAN MATEO	CA	SI	WHITE PACKING STRAP ENTANGLEMENT EMBEDDED IN NECK. STRAP REMOVED DURING RESCUE EFFORT.	NSI	P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	29	OIL / TAR	SAN MATEO	CA	SI	EMACIATED ANIMAL WITH OIL / TAR.	SI	P1	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2014	7	24	SHOOTING	CLATSOP	OR	DEAD	MULTIPLE SHOTS	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2014	9	21	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2014	11	14	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	NSI	ANIMAL HOOKED IN MOUTH/LIP, ANIMAL ALONGSIDE VESSEL, HOOK REMOVED WITHOUT INCIDENT, NO GEAR REMAINING ON ANIMAL, NO BLEEDING OR VISIBLE INJURY.	NSI	P5C	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	2	3	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	ANIMAL IN RIGOR MORTIS BROUGHT UP IN NET. ANIMAL CONDITION (NO DECOMPOSITION EVIDENT) EVIDENCE OF DROWNING.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	2	23	HARASSMENT	SAN DIEGO	CA	SI	PEOPLE DRAGGING THE SEAL UP AND DOWN THE BEACH. TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P9	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	2	28	BLUNT FORCE TRAUMA	SAN DIEGO	CA	DEAD	HUMAN KILLED SEAL BY THROWING LARGE ROCK ON ITS HEAD MULTIPLE TIMES.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	2	28	HARASSMENT	SAN LUIS OBISPO	CA	SI	BAD LOCATION, HARASSED BY DOGS, GOOD BODY WEIGHT AND CONDITION, PINK GUMS, VOCAL, FULL BLACK COAT. TREATED AT REHAB FACILITY AND RELEASED. CONSIDERED A DEPENDENT ANIMAL RELEASED ALONE AND THUS CONSIDERED A SERIOUS INJURY.	SI	P14	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	4	4	OIL / TAR	SAN MATEO	CA	SI	EMACIATED, TAR PATCHES ON RIGHT REAR FLIPPERS. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	4	4	OIL / TAR	SAN MATEO	CA	SI	EMACIATED. LARGE AMOUNT OF TAR ON LEFT SIDE OF NECK. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	4	24	OIL / TAR	SAN DIEGO	CA	SI	THIN AND LETHARGIC. TAR ON NECK AND SIDE IN MULTIPLE SPOTS (LEFT AND RIGHT SIDE) ABOUT 1.5X1.5 INCHES WIDE. PEOPLE ON THE BEACH WERE PETTING THE SEAL. TREATED AT REHAB FACILITY AND RELEASED.	NSI	P9	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	4	25	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	WA	DEAD	ANIMAL HAULED UP DEAD IN LONGLINE SABLEFISH GEAR.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	22	OIL / TAR	SANTA BARBARA	CA	SI	SMALL PUNCTURE ON RIGHT VENTRAL MANDIBLE. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. 2-25% EXTERNAL OILING SEEN ON VENTRAL THORAX, VENTRAL CHIN, AND ON FLIPPER. TREATED AND RELEASED FROM REHAB FACILITY.	NSI	P9	0	N	N

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	23	OIL / TAR	SANTA BARBARA	CA	SI	EMACIATED, DEHYDRATED. 2-25% EXTERNAL OILING SEEN ON HEAD AND FLANKS. ANIMAL COLLECTED AS PART OF THE REFUGIO BEACH OIL SPILL RESPONSE. DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	23	OIL / TAR	SAN LUIS OBISPO	CA	SI	UNDERWEIGHT, FRESH TAR ON BODY, BLOODY HIND END, LETHARGIC. TAR SAMPLED AT SLO AS PART OF SANTA BARBARA OIL SPILL. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	23	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	WA	DEAD	SMALL ELEPHANT SEAL DROWNED IN THE NET.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	24	OIL / TAR	SANTA BARBARA	CA	SI	LESS THAN 2% EXTERNAL OILING SEEN ON VENTRUM, SHOULDERS BILATERALLY, HIND FLIPPERS AND RIGHT LATERAL ABDOMEN. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL EUTHANIZED IN REHAB DUE TO SEVERE CATARACTS.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	24	OIL / TAR	SANTA BARBARA	CA	SI	SWOLLEN RECTAL AREA. LESS THAN 2% EXTERNAL OILING SEEN ON HIND FLIPPER AND VENTRUM. ANIMAL WAS COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	25	OIL / TAR	VENTURA	CA	SI	ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. LESS THAN 2% EXTERNAL OILING SEEN ON VENTRUM, HIND FLIPPERS, AND TAIL. THIN AND DEHYDRATED. EUTHANIZED IN REHAB FACILITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	5	25	OIL / TAR	SANTA BARBARA	CA	SI	THIN, DEHYDRATED. SMALL LACERATIONS ON HEAD ABOVE RIGHT EYE AND MUZZLE. 2-25% EXTERNAL OILING SEEN ON FACE, NECK, CHEST, ABDOMEN, AND HIND FLIPPERS. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL DIED IN REHAB FACILITY.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	6	6	OIL / TAR	SANTA BARBARA	CA	SI	2-25% EXTERNAL OILING SEEN ON DORSAL AND VENTRAL ABDOMEN. UNDERSIDE OF BOTH FRONT AND REAR FLIPPERS. ANIMAL COLLECTED AS PART OF REFUGIO BEACH OIL SPILL RESPONSE. ANIMAL DIED IN REHAB FACILITY. NECROPSY REVEALED COMPLEX MANDIBULAR FRACTURE.	DEAD	NA	1	N	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	7	21	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	CA	DEAD	ANIMAL KILLED IN GEAR.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	10	1	MARINE DEBRIS	SAN MATEO	CA	SI	ENTANGLEMENT AROUND NECK CUTTING INTO THE VENTRAL SIDE AND LOOSE ON THE BACK OF THE NECK. REMOVED IN FIELD WITHOUT SEDATION.	NSI	P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	10	23	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	OR	DEAD	ANIMAL KILLED IN GEAR.	DEAD	NA	1	Y	Y
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	12	7	MARINE DEBRIS	SAN LUIS OBISPO	CA	SI	DISENTANGLED ON THE BEACH FROM A ROPE AROUND NECK, WOUND BLED SLIGHTLY AFTER DISENTANGLEMENT.	NSI	P7B	0	N	N
NORTHERN ELEPHANT SEAL	CALIFORNIA	2015	12	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	ANIMAL KILLED IN GEAR.	DEAD	NA	1	Y	Y
NORTHERN FUR SEAL	EASTERN N PACIFIC-CALIFORNIA	2011	4	8	TRAWL FISHERY (UNKNOWN)	LINCOLN	OR	DEAD	CARCASS; PLASTIC PACKING BAND CUTTING INTO NECK; OBVIOUS DAMAGE TO SKIN, BLUBBER, AND MUSCLE; ENTANGLED IN GREENISH TRAWL NET	DEAD	NA	1	Y	Y
NORTHERN FUR SEAL	CALIFORNIA	2011	6	22	TRAWL FISHERY (UNKNOWN)	PACIFIC	WA	DEAD	CARCASS; GREEN MULTIFILAMENT NET (LIKELY FROM TRAWL NET) WRAPPED AROUND NECK	DEAD	NA	1	Y	Y
NORTHERN FUR SEAL	EASTERN N PACIFIC-CALIFORNIA	2012	5	6	UNIDENTIFIED FISHERY INTERACTION	ORANGE	CA	SI	MALNUTRITION, DEHYDRATION; DEEP LACERATION TO VENTRAL SIDE OF NECK DUE TO NET/FISHING LINE NO LONGER ON ANIMAL. TAKEN TO REHAB FACILITY, TREATED AND RELEASED WITH ORANGE ROTOTAG #22371.	NSI	P8A	0	Y	N
NORTHERN FUR SEAL	EASTERN N PACIFIC-CALIFORNIA	2012	5	28	POWER PLANT ENTRAINMENT	SAN LUIS OBISPO	CA	DEAD	CARCASS DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	1	N	Y
NORTHERN FUR SEAL	CALIFORNIA	2012	6	14	UNIDENTIFIED NET FISHERY/SHOOTING	PACIFIC	WA	DEAD	CARCASS; GREEN NET AROUND NECK WITH ASSOCIATED HEMORRHAGE; BULLET HOLES (POSSIBLY ENTRANCE/EXIT) NEAR BOTH SCAPULAE, WITH ASSOCIATED HEMORRHAGE	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
NORTHERN FUR SEAL	CALIFORNIA	2012	7	26	UNIDENTIFIED FISHERY INTERACTION	LINCOLN	OR	SI	LIVE ANIMAL, ENTANGLED IN FISHING GEAR, RESCUED BY TUNA FISHERMEN; TRANSFERRED TO REHAB AND RELEASED THE NEXT DAY	NSI	P7B	0	Y	N
NORTHERN FUR SEAL	EASTERN N PACIFIC-CALIFORNIA	2014	5	12	UNIDENTIFIED FISHERY INTERACTION	LINCOLN	OR	DEAD	TWO FUR SEALS WERE FOUND DEAD AND ENTANGLED IN A MASSIVE WAD OF BLUE GREEN TRAWL NET. THIS IS FUR SEAL ONE OF TWO.	DEAD	NA	1	Y	Y
NORTHERN FUR SEAL	EASTERN N PACIFIC-CALIFORNIA	2014	5	12	UNIDENTIFIED FISHERY INTERACTION	LINCOLN	OR	DEAD	TWO FUR SEALS WERE FOUND DEAD AND ENTANGLED IN A MASSIVE WAD OF BLUE GREEN TRAWL NET. THIS IS FUR SEAL ONE OF TWO.	DEAD	NA	1	Y	Y
NORTHERN FUR SEAL	EASTERN N PACIFIC-CALIFORNIA	2014	5	21	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	A FUR SEAL WAS FOUND DEAD AND A NECROPSY WAS CONDUCTED. A NET WAS RECOVERED, BUT NO INFORMATION ON THE CONFIGURATION OF THE NET WAS REPORTED. THE REPORTING PARTY INDICATED THE MORTALITY WAS FISHERIES RELATED.	DEAD	NA	1	Y	Y
NORTHERN FUR SEAL	EASTERN N PACIFIC-CALIFORNIA	2014	12	3	OIL / TAR	MONTEREY	CA	SI	EMACIATED, LETHARGIC, NON-RESPONSIVE TO HUMAN CONTACT, AND ALERT. TAR SPOT ON LEFT SIDE. MATERNAL SEPARATION, PNEUMONIA, OIL.	SI	P1	1	N	Y
NORTHERN RIGHT WHALE DOLPHIN	CA-OR-WA	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN RIGHT WHALE DOLPHIN	CA-OR-WA	2012	1	8	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN RIGHT WHALE DOLPHIN	CA-OR-WA	2013	11	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN RIGHT WHALE DOLPHIN	CA-OR-WA	2013	11	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
NORTHERN RIGHT WHALE DOLPHIN	CA-OR-WA	2014	1	3	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2011	4	3	SCIENTIFIC RESEARCH	SANTA CRUZ	CA	DEAD	ANIMAL CAUGHT IN RESEARCH TRAWL, CARCASS DISPOSED AT SEA	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2011	9	10	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2011	9	10	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2011	9	10	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2011	9	10	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2011	9	10	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2011	9	10	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2012	6	28	SCIENTIFIC RESEARCH	OFFSHORE	OR	DEAD	ONE OF THREE ANIMALS CAUGHT IN A RESEARCH TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2012	6	28	SCIENTIFIC RESEARCH	OFFSHORE	OR	DEAD	ONE OF THREE ANIMALS CAUGHT IN A RESEARCH TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2012	6	28	SCIENTIFIC RESEARCH	OFFSHORE	OR	DEAD	ONE OF THREE ANIMALS CAUGHT IN A RESEARCH TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2012	6	29	SCIENTIFIC RESEARCH	OFFSHORE	CA	SI	NET WAS BEING HAULED ABOARD WHEN AN ANIMAL WAS OBSERVED WITH ITS TAIL FLUKE CAUGHT BETWEEN BARS OF MARINE MAMMAL EXCLUDER DEVICE. ANIMAL WAS TURNED TO RELEASE TAIL FLUKE AND RELEASED DOWN TRAWL RAMP. yANIMAL WAS OBSERVED TO BE SWIMMING IN WATER AFTER RELEASE. s4 SERIOUS INJURY BECAUSE ANIMAL WAS REMOVED FROM WATER, BROUGHT ON DECK (TRAWL RAMP).y	SI	S4	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2012	8	18	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ANIMAL CAUGHT IN RESEARCH TRAWL, CARCASS DISPOSED AT SEA	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2012	8	24	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF TWO PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A MIDWATER TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2012	8	24	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF TWO PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A MIDWATER TRAWL	DEAD	NA	1	N	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2013	8	1	SCIENTIFIC RESEARCH	OFFSHORE	OR	DEAD	ANIMAL ENTANGLED IN MIDWATER TRAWL, DORSAL FIN SNAGGED ON NET MESH ANTERIOR TO MARINE MAMMAL EXCLUDER DEVICE. ANIMAL BROUGHT ON BOARD, SEXED AND PHOTOGRAPHED AND DISPOSED OVERBOARD. TRAWL NET WAS OUTFITTED WITH ACOUSTIC PINGERS AND CAMERA.	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2013	8	1	SCIENTIFIC RESEARCH	OFFSHORE	OR	NSI	ONE OF TWO ANIMALS CAUGHT INSIDE MIDWATER TRAWL AND SEEN TO ESCAPE NET. VIDEO FOOTAGE SHOWS THAT ENTRAPMENT WAS LESS THAN 30 SECONDS AND THAT ANIMALS CONTINUED TO VOCALIZE BEFORE EXITING THE MARINE MAMMAL EXCLUDER DEVICE.	NSI	S7B	0	N	N
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2013	8	1	SCIENTIFIC RESEARCH	OFFSHORE	OR	NSI	ONE OF TWO ANIMALS CAUGHT INSIDE MIDWATER TRAWL AND SEEN TO ESCAPE NET. VIDEO FOOTAGE SHOWS THAT ENTRAPMENT WAS LESS THAN 30 SECONDS AND THAT ANIMALS CONTINUED TO VOCALIZE BEFORE EXITING THE MARINE MAMMAL EXCLUDER DEVICE.	NSI	S7B	0	N	N
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2013	9	14	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF THREE ANIMALS KILLED IN A RESEARCH TRAWL OUTFITTED WITH A MARINE MAMMAL EXCLUDER DEVICE.	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2013	9	14	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF THREE ANIMALS KILLED IN A RESEARCH TRAWL OUTFITTED WITH A MARINE MAMMAL EXCLUDER DEVICE.	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2013	9	14	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ONE OF THREE ANIMALS KILLED IN A RESEARCH TRAWL OUTFITTED WITH A MARINE MAMMAL EXCLUDER DEVICE.	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	3	26	VESSEL STRIKE	SAN JUAN	WA	DEAD	THIS ANIMAL HAD A LARGE LACERATION THAT APPEARED TO HAVE BEEN CAUSED BY A PROPELLER STRIKE. A NECROPSY ON THE ANIMAL REVEALED INTERNAL BRUISING, SEVERAL FRACTURED VERTEBRAE, AND A SKULL FRACTURE ABOVE THE LEFT EYE.	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	5	14	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED IN GEAR	DEAD	NA	1	Y	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	6	1	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	OFF POINT SUR, CALIFORNIA, A PACIFIC WHITE-SIDED DOLPHIN WAS CAUGHT IN A COBB MIDWATER TRAWL. DOLPHIN WAS DEAD WITHOUT ANY VISIBLE INJURIES.	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	6	21	SCIENTIFIC RESEARCH	OFFSHORE	WA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	6	21	SCIENTIFIC RESEARCH	OFFSHORE	WA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	6	21	SCIENTIFIC RESEARCH	OFFSHORE	WA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	6	21	SCIENTIFIC RESEARCH	OFFSHORE	WA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2014	6	21	SCIENTIFIC RESEARCH	OFFSHORE	WA	DEAD	ONE OF SIX PACIFIC WHITE SIDED DOLPHINS CAUGHT IN A SURFACE TRAWL	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2015	8	26	SCIENTIFIC RESEARCH	OFFSHORE	WA	DEAD	TAKE OCCURRED DURING THE SECOND SURFACE TRAWL OF THE NIGHT AT APPROX. 200M BOTTOM DEPTH. WEATHER WAS VERY CALM AND THE MOON WAS BRIGHT (1/3 PHASE). TOW WAS 30 MINUTES AND DOLPHIN WAS FIRST NOTED UPON RETRIEVAL OF THE NET. THE DOLPHIN WAS CAUGHT IN THE BOTTOM OF THE GRID ON THE MARINE MAMMAL EXCLUDER DEVICE BY ITS LEFT PECTORAL FLIPPER AND WAS DEAD UPON PULLING THE NET UP ONTO THE BOAT.	DEAD	NA	1	N	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2015	8	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	1 OF 2 ANIMALS KILLED IN GEAR.	DEAD	NA	1	Y	Y
PACIFIC WHITE-SIDED DOLPHIN	CA-OR-WA	2015	8	30	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	2 OF 2 ANIMALS KILLED IN GEAR.	DEAD	NA	1	Y	Y

Appendix 4. Records of human-related injury and mortality, 2011-2015.

Species	Stock or Area	Year	Month	Day	Interaction Type	County or Locale	State	Initial Injury Assessment	Comments	Final Injury Assessment	Serious Injury Criteria Code	Serious Injury Proration Value	Count Against LOF	Count Against PBR
RISSO'S DOLPHIN	CA-OR-WA	2011	9	29	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
RISSO'S DOLPHIN	CA-OR-WA	2013	4	19	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	ANIMAL HAD GOOD BODY CONDITION; UTERUS RUPTURED AND BRUISED; FETUS SUBSTANTIALLY HEMORRHAGED; MUCH HEMORRHAGE THROUGHOUT ANIMAL; A LOT OF BLOODY FOAM IN TRACHEA AND BRONCHI (THIS IS INDICATIVE OF DROWNING); LOWER LEFT FRONT TOOTH GONE.	DEAD	NA	1	Y	Y
SEI WHALE	CA-OR-WA	2015	8	12	VESSEL STRIKE	LOS ANGELES	CA	DEAD	MODERATELY DECOMPOSED, MILDLY BLOATED WITH SLOUGHING SKIN. JAWS APPEARED TO BE PARTIALLY SEPARATED. THE CARCASS APPEARED TO HAVE AN "INDENT" ON THE BODY JUST BEHIND THE THROAT GROOVES ON THE RIGHT VENTRAL SURFACE. THERE WAS NO EXTERNAL SIGNS OF HEMORRHAGING IN THE SURROUNDING SURFACE TISSUE (SEE PHOTOS). RIGHT FLIPPER WAS SNAPPED IN HALF. THERE WERE NO SIGNS OF HEMORRHAGING OR BLOOD IN THE BONE OR SURROUNDING TISSUE OF THE FLIPPER (SEE PHOTO). LACK OF HEMORRHAGING SUGGESTS THAT THIS WAS A POST-MORTEM VESSEL COLLISION.	DEAD	NA	1	N	Y
SHORT-FINNED PILOT WHALE	CA-OR-WA	2014	1	5	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM, ALSO RECORDED AS A SELF-REPORTED CASE BY VESSEL CAPTAIN.	DEAD	NA	1	Y	Y
SHORT-FINNED PILOT WHALE	CA-OR-WA	2014	1	19	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	1	Y	Y
SPERM WHALE	CA-OR-WA	2012	1	21	VESSEL STRIKE	PACIFIC	WA	DEAD	SKULL SEVERELY FRACTURED; BACK APPEARED TO BE BROKEN; HEMORRHAGE AT HEAD AND RIGHT SCAPULA.	DEAD	NA	1	N	Y
STRIPED DOLPHIN	CA-OR-WA	2011	3	12	UNIDENTIFIED FISHERY INTERACTION	LINCOLN	OR	DEAD	CARCASS CUT OPEN ALONG DORSUM, SMALL CUTS AT AXILLA AND PECTORAL FLIPPER	DEAD	NA	1	Y	Y
STRIPED DOLPHIN	CA-OR-WA	2015	11	6	UNIDENTIFIED FISHERY INTERACTION	CLATSOP	OR	DEAD	FRESH DEAD ANIMAL WITH RIGHT FLIPPER AND RIGHT FLUKE SEVERED; VARIOUS GASHES, CUTS (SOME PARALLEL), AND ABRASIONS ON HEAD AND BODY; BLOWHOLE REDDENED AND SWOLLEN; HEMORRHAGE ALL ALONG MANDIBLES; SEVERE INFESTATION OF EMBEDDED AND ENCYSTED PARASITES IN COLON.	DEAD	NA	1	Y	Y
UNIDENTIFIED OTARIID	NA	2013	6	3	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES AT VENTRAL THORAX AND NECK WITH ASSOCIATED HEMORRHAGE; LOWER JAW BROKEN; UPPER JAW MISSING	DEAD	NA	1	N	Y
UNIDENTIFIED OTARIID	NA	2014	10	15	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	SI	UNIDENTIFIED SEA LION HOOKED IN LIP IN LOWER MOUTH. LEADER WAS CUT AND HOOK AND SHORT SECTION OF LINE REMAINED ON ANIMAL.	SI	P5B	1	Y	Y
UNIDENTIFIED OTARIID	NA	2015	7	18	SHOOTING	CLATSOP	OR	DEAD	SUSPECTED SHOOTING; MUCH OF THE CARCASS WAS FURLESS; NUMEROUS SUSPICIOUS HOLES ALONG LEFT SIDE OF BODY WITH POSSIBLE ASSOCIATED HEMORRHAGE; THE ANIMAL HAD GOOD TO EXCELLENT BODY CONDITION.	DEAD	NA	1	N	Y
UNIDENTIFIED OTARIID	NA	2015	12	4	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	SI	HOOKED IN LIP (LOWER RIGHT, ALONG WITH A FISH INITIALLY) BY 18/0 OFFSET FLAT CIRCLE HOOK (4.8MM DIAMETER). ANIMAL WAS STRUGGLING AS IT WAS PULLED AND HELD BEHIND THE VESSEL. LINE CUT: HOOK AND 2M MONOFILAMENT LEADER LEFT ON ANIMAL.	SI	P5B, P6	1	Y	Y
UNIDENTIFIED OTARIID	NA	2015	12	7	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	SI	HOOKED IN LEFT PECTORAL FLIPPER BY 18/0 OFFSET FLAT CIRCLE HOOK (4.8MM DIAMETER). ANIMAL WAS STRUGGLING AS IT WAS PULLED TOWARD THE VESSEL. LINE CUT: HOOK, 2M MONOFILAMENT LEADER, AND LIGHT STICK LEFT ON ANIMAL.	SI	P6	1	Y	Y
UNIDENTIFIED PINNIPED	NA	2012	6	3	UNIDENTIFIED NET FISHERY	TILLAMOOK	OR	SI	LIVE ANIMAL (POSSIBLY FUR SEAL) WITH BLUE/GREEN FISHING NET WRAPPED AROUND ITS MID-SECTION	SI	P6	1	Y	Y
UNIDENTIFIED PINNIPED	NA	2012	6	5	MARINE DEBRIS	LANE	OR	SI	YOUNG, LIVE ANIMAL (POSSIBLY SEA LION) WITH A ROPE AND WHITE SIGN WRAPPED TIGHTLY AROUND ITS NECK	SI	P8A	1	N	Y

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UNIDENTIFIED PINNIPED	NA	2012	8	24	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	LINCOLN	OR	SI	LIVE ANIMAL, SWIMMING JUST OFFSHORE, ENTANGLED IN CRAB GEAR (BUOY AND LINE VISIBLE)	SI	P6	1	Y	Y
UNIDENTIFIED PINNIPED	NA	2015	9	21	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	DEAD	KILLED IN GEAR. WEATHER TOO ROUGH TO DETERMINE SPECIES.	DEAD	NA	1	Y	Y
UNIDENTIFIED PINNIPED	NA	2015	12	2	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	SI	HOOKEED IN MOUTH AREA (PART NOT SPECIFIED, ALTHOUGH HOOK ATTACHMENT SEEN, SO INGESTION UNLIKELY) BY 18/0 OFFSET FLAT CIRCLE HOOK (4.8MM DIAMETER). THE ANIMAL WAS BEING PULLED BY THE MOVEMENT OF THE VESSEL WHEN THE LINE BROKE WHERE HOOK ATTACHED: HOOK LEFT ON ANIMAL.	SI	P5A	1	Y	Y
UNIDENTIFIED PINNIPED	NA	2015	12	5	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	SI	HOOKEED IN CHEEK (LEFT) BY 18/0 OFFSET FLAT CIRCLE HOOK (4.8MM DIAMETER). ANIMAL WAS STRUGGLING AS IT WAS PULLED AND HELD BEHIND THE VESSEL. LINE CUT: HOOK AND 1M MONOFILAMENT LEADER LEFT ON ANIMAL.	SI	P6	1	Y	Y
UNIDENTIFIED PINNIPED	NA	2015	12	6	HAWAII LONGLINE SHALLOW SET FISHERY	OFFSHORE	CA	SI	HOOKEED IN UNKNOWN BODY LOCATION (POSSIBLY THE HEAD OR MOUTH) BY 18/0 OFFSET FLAT CIRCLE HOOK (4.8MM DIAMETER). AS THE ANIMAL WAS BEING BROUGHT CLOSER TO THE VESSEL, THE BRANCHLINE SLID OFF THE MAINLINE, WHICH WAS BROKEN: HOOK, 5.6 MONOFILAMENT LEADER, 45G AND 75G WEIGHT, AND 12M BRANCHLINE LEFT ON ANIMAL.	SI	P6	1	Y	Y
UNIDENTIFIED SEA LION	NA	2011	4	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	1	Y	Y
UNIDENTIFIED SEA LION	NA	2011	5	2	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	CA	SI	DETERRENCE USED. DURING HAULBACK OF SABLEFISH LONGLINE, ONE OF THE CREW SPOTTED A SEA LION AND FIRED A SHOT AT IT TO SCARE IT AWAY. UNCLER IF BULLET STRUCK ANIMAL, THUS CONSERVATIVE ASSESSMENT IS A SERIOUS INJURY.	SI	P9	1	Y	Y
UNIDENTIFIED SEA LION	NA	2011	9	23	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	A SEA LION WAS FEEDING ON CATCH DURING RETRIEVAL OF LONGLINE GEAR. THE SKIPPER HAD ONE OF THE CREW THROW A BOMB AS A DETERRENCE. I ONLY BRIEFLY CAUGHT A GLIMPSE OF THE ANIMAL SWIMMING UNDERWATER AND COULD NOT TELL IF IT WAS A STELLER OR A CALIFORNIA SEA LION	NSI	P9	0	N	N
UNIDENTIFIED SEA LION	NA	2011	9	23	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	THE SKIPPER SAW A SEA LION FEEDING ON CATCH DURING RETRIEVAL OF LONGLINE GEAR. I DID NOT GET A GOOD LOOK AT THE ANIMAL. ONE OF THE CREW THREW A SEAL BOMB AT IT AS A DETERRENCE.	NSI	P9	0	N	N
UNIDENTIFIED SEA LION	NA	2013	3	4	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	SEA LION ENTANGLED IN GEAR BEFORE RETURNING TO SEA WITHOUT TRAILING GEAR.	NSI	P7B	0	N	N
UNIDENTIFIED SEAL	NA	2011	12	15	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	SI	SEAL CAUGHT BY NET. CAME UP ALIVE AND BLEEDING FROM CHEST. CREW YELLED AT IT AND SCARED IT OFF. INJURIES UNKNOWN SEVERITY. DESIGNATED AS SERIOUS INJURY BECAUSE OF VISIBLE BLOOD LOSS.	SI	P3, P7B	1	Y	Y
UNIDENTIFIED WHALE	NA	2011	7	16	UNIDENTIFIED POT/TRAP FISHERY INTERACTION	MONTEREY	CA	SI	FREE-SWIMMING ENTANGLED WHALE IN UNKNOWN GEAR	SI	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2011	9	5	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	LINCOLN	OR	SI	ENTANGLED LARGE WHALE ABOUT 6 NM NW OF YAQUINA BAY. IT WAS OBSERVED BY FISHERMAN WHO LOST SIGHT OF IT IN FOG AND INCREASINGLY CHOPPY SEAS; REPORTED SEEING A LARGE WHALE (FLUKES ABOUT 6-7 FEET WIDE) WITH TWO BUOYS ATTACHED TO IT: ONE RED AND WHITE NEAR ANIMAL'S MID-SECTION AND ONE WHITISH CLOSER TO THE TAIL OR DORSAL "RIDGE" AREA; ANIMAL WAS SEEN DIVING (WITH FLUKES UP) AND THEN REAPPEARING JUST BELOW THE SURFACE.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2012	6	24	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SONOMA	CA	SI (PRORATE)	SECOND-HAND REPORT FROM USCG OF A WHALE ENTANGLED IN FISHING GEAR. CONFIGURATION AND AMOUNT OF GEAR UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y

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UNIDENTIFIED WHALE	NA	2012	8	16	VESSEL STRIKE	LOS ANGELES	CA	SI	CAPTAIN REPORT OF VESSEL STRIKE; CAPTAIN SAW SPOUTS AND TOOK VESSEL OFF AUTOPILOT TO ATTEMPT TO DIVERT AROUND THE WHALES; FELT A "NUDGE"; PASSENGER REPORTED SEEING THE WHALE POP UP AND RUN INTO THE SIDE OF THE VESSEL; 2ND OPERATOR SAW WHALE IN THE WAKE OF THE VESSEL BUT DID NOT OBSERVE ANY BLOOD IN THE WATER; DIVER EXAMINATION OF THE VESSEL HULL SHOWED NO SIGNS OF IMPACT OR DAMAGE. THIS WAS THE FERRY ROUTE BETWEEN CATALINA AND LONG BEACH, TYPICALLY VESSELS ARE >65FT AND TRAVEL IN EXCESS OF 10 KTS.	SI	L6A	1	N	Y
UNIDENTIFIED WHALE	NA	2013	8	23	UNIDENTIFIED NET FISHERY	CURRY	OR	SI	REPORTEDLY HAD NET WRAPPED AROUND TAIL; 10-20 FEET OF MATERIAL TRAILING BELOW; SEVERAL FIST-SIZED WHITE BUOYS ATTACHED SPENDING ALL TIME AT SURFACE NOT BLOWING MUCH. LATER REPORTED OFFSHORE OF 3310 NESIKA BEACH ROAD 42.50 -124.42	SI	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2014	3	4	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	TILLAMOOK	OR	SI	REPORTED BY COMMERCIAL FISHERMAN, A 25' "HUMPBACK" WHALE WITH "KING CRAB" RED POLY BUOY WRAPPED AROUND TAIL AND TRAILING BUOY ATTACHED TO HEAD; FISHERMAN TRIED TO CUT LINE WITH KNIFE ON END OF POLE BUT THE WHALE WAS TOO ACTIVE; WAS SWIMMING AND DIVING, HEADING IN SOUTHWARD DIRECTION, SEA STATE DETERIORATING WITH APPROACHING STORM SYSTEM. SPECIES ID NOT CONFIRMED.	SI	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2014	4	16	UNIDENTIFIED FISHERY INTERACTION	CURRY	OR	SI	REPORTED ENTANGLED WHALE TRAILING GEAR JUST OUTSIDE BROOKINGS HARBOR. NO DETAILS ON GEAR TYPE OR SEVERITY OF ENTANGLEMENT	SI	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2014	6	5	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	ORANGE	CA	DEAD	1 MI OFF SAN CLEMENTE. SUSPECTED LOBSTER TRAP ENTANGLEMENT, COULDN'T READ LICENSE NUMBERS; DEAD FLOATING WHALE.	DEAD	NA	1	Y	Y
UNIDENTIFIED WHALE	NA	2014	9	26	UNIDENTIFIED FISHERY INTERACTION	SANTA CRUZ	CA	SI (PRORATE)	2 "MOSSY" BOUYS, 1 WHITE, 1 UNKNOWN COLOR. AMOUNT AND CONFIGURATION OF ATTACHED GEAR UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	3	1	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	PHOTOS OF LINE RUNNING FROM MOUTH AREA, NO BUOYS OR MARKINGS, ANIMAL DEAD AND CARCASS IN POOR OVERALL CONDITION; LIKELY A GRAY WHALE GIVEN SIZE/TIMING/LOCATION/APPEARANT MORPHOLOGY, BUT RECORDED AS UNIDENTIFIED.	DEAD	NA	1	Y	Y
UNIDENTIFIED WHALE	NA	2015	5	3	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	WHALE REPORTED WITH 'TAIL WRAP' AND TWO BUOYS: WHITE AND YELLOW/ORANGE.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	5	9	UNIDENTIFIED FISHERY INTERACTION	MENDOCINO	CA	SI (PRORATE)	WHALE TOWING THREE ORANGE FOAM BUOYS AND ROPE. GEAR CONFIGURATION UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	5	28	GILLNET FISHERY	SANTA BARBARA	CA	SI (PRORATE)	WHALE REPORTED BY SAILING VESSEL AS ENTANGLED IN GILLNET / WEBBING NEAR TAIL, WITH 'LOTS OF BUOYS'. TWO BUOYS WERE ORANGE-COLORED. WHALE BEHAVIOR REPORTED AS THRASHING HARD. NO PHOTOS. THOUGHT TO BE EITHER HUMPBACK OR GRAY WHALE.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	8	25	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	SI (PRORATE)	WHALE PULLING TWO BUOYS, SEEMED LIKE LINE ON TAIL; CONFIRMED FROM DIRECT CONVERSATION AND DETAILS PROVIDED BY DIVER. NO PHOTOS.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	8	27	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI (PRORATE)	TWO SMALL TORPEDO BUOYS TRAILED 40 FT BEHIND WHALE, BUOY COLORS ARE ORANGLE, YELLOW, AND RED, LINE DESCRIBE AS BLUE SPECTRA 1/8 OR 1/4 INCH, RESIGHTED LATER WITH LINE THROUGH MOUTH WITH FULL WRAP AROUND BODY; WHALE ROLLING AND BREACHING. GEAR CONFIGURATION UNKNOWN. CANNOT TELL IF GEAR IS LOOSE OR CONSTRICTING. NO PHOTOS.	SI (PRORATE)	L10	0.75	Y	Y

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UNIDENTIFIED WHALE	NA	2015	9	27	GILLNET FISHERY	VENTURA	CA	SI (PRORATE)	GILLNET WRAPPED AROUND AND COVERING MOST OF TAIL WITH LINE AND NETTING TRAILING 40 FEET BEHIND WHALE ; BLUE (LEAD) AND WHITE (FLOAT) LINES AND NETTING BETWEEN. NO PHOTOS, UNKNOWN GEAR CONFIGURATION OR ASSESSMENT OF CONSTRICTING / NON-CONSTRICTING GEAR POSSIBLE.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	11	7	UNIDENTIFIED FISHERY INTERACTION	MARIN	CA	SI (PRORATE)	WHALE TRAILING LINE AND A BUOY CLOSE TO BODY SEEN DURING CA DEP. OF FISH AND WILDLIFE OVERFLIGHT. PHOTOS REVIEWED BY J. CARRETTA. POSSIBLE HUMPBACK.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	11	21	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI (PRORATE)	MEMBER OF THE PUBLIC REPORTED SEEING A WHALE WITH LINE AND A BUOY WRAPPED AROUND BODY. NO PHOTOS. GEAR CONFIGURATION UNKNOWN.	SI (PRORATE)	L10	0.75	Y	Y
UNIDENTIFIED WHALE	NA	2015	11	27	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	RED/ORANGE BULLET SHAPED BUOY TRAILING BEHIND THE WHALE AT THE SURFACE; REPORT THAT WHALE STUCK ON CRAB NET; CIRCLED AROUND TO GET A BETTER LOOK BUT LOST IT. NO PHOTOS. GEAR TYPE CANNOT BE CONFIRMED. UNKNOWN GEAR CONFIGURATION.	SI (PRORATE)	L10	0.75	Y	Y