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SOURCES OF HUMAN-RELATED INJURY AND MORTALITY FOR U.S. PACIFIC WEST COAST MARINE MAMMAL STOCK ASSESSMENTS, 2010-2014

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SOURCES OF HUMAN-RELATED INJURY AND MORTALITY FOR U.S. PACIFIC WEST COAST MARINE MAMMAL STOCK ASSESSMENTS, 2010-2014.

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Summary

The Marine Mammal Protection Act (MMPA) requires that the National Marine Fisheries Service (NMFS) 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 calculated under the MMPA (Wade1998). 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 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 historic 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 2010-2014, for those species evaluated in Pacific region marine mammal stock assessment reports (SARs) (Carretta *et al.* 2015a). Mortality records, while included in this report, were obviously not evaluated for SI/NSI status. 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 2009, are published in previous reports (Carretta *et al.* 2013a, 2014, 2015b).

Sources of injury data include strandings, disentanglement networks, the public, researchers, and fishery observer programs. Stranding data includes 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 power plant water intake entrainment.* 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 (Allen and Angliss 2014) 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 signs of human interaction, whether alive or dead, 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 the causes of death and injury in marine mammals, and thorough examination of carcasses in challenging environments is often difficult or impossible. 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 new SI criteria. Animals whose initial reporting condition was ‘dead’ were not evaluated for SI and these records are included in NMFS stranding databases, bycatch reports (Carretta and Enriquez 2009a, 2009b, 2010, 2012a, 2012b; Jannot *et al.* 2011; Breiwick 2013), human-caused mortality sections of SARs, and 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 661 records where an animal’s initial condition was ‘dead’) include 817 injury records from 2010 to 2014. 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 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. Special cases involve injured pinnipeds transferred to public display facilities (aquaria) or U.S. Navy marine mammal programs following treatment, because their survival in the wild is questionable. In these cases, 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 resight individuals over time. In addition to ‘NSI’ and ‘SI’ categories, a third category of prorated serious injury (‘SI prorate’) 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 where sufficient detail is available on the severity of the injury, other SI codes are applied. If a 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

A total of 1,480 human-related injury (n=819) and mortality (n=661) records are summarized by anthropogenic source in Table 1 and Appendix 4. Approximately 80% of all injury and mortality records represent opportunistic reports of beach strandings and at-sea sightings. Only 255 records represent systematic observations, either fishery observer programs (n=161), monitored research-related activities (n=43), or removals of pinnipeds from the Bonneville Dam area under MMPA Section 120 (n=51). Pinnipeds (n=1,180) were most commonly documented injured or killed by human-related activities, followed by small cetaceans (n=164), and large whales (n=136) (Tables 3-6). Animals initially encountered alive accounted for 819 records, which were evaluated and assigned SI/NSI determinations, including 712 pinnipeds, 101 large whales, and 6 small cetaceans (Tables 7a-c).

The primary causes of pinniped injury and mortality were shootings (n=212), hook and line fishery interactions (n=180), and entrainment into power plant water intakes (n=120) (Tables 3 and 6, Appendix 4). Pinniped injury and mortality records included California sea lions (*Zalophus californianus*) (n=819), harbor seals (*Phoca vitulina*) (n=254), northern elephant seals (*Mirounga angustirostris*) (n=62), Guadalupe fur seals (*Arctocephalus townsendi*) (n=16), northern fur seals (*Callorhinus ursinus*) (n=10), unidentified pinnipeds (n=9), unidentified sea lions (n=6), unidentified otariids (n=3), and unidentified seals (n=1) (Table 2). Approximately one-third (n=234) of pinniped injury cases involved human intervention and treatment, either in the field or through capture and subsequent care at a rehabilitation facility. For those pinnipeds treated at rehabilitation facilities and subsequently released, it is assumed that they survived following treatment. Therefore 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=29), while others were sent to public display facilities (n=7) 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 1,180 pinniped injury and mortality records, 628 (53%) died as a result of their injuries. An additional 252 (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 injury case.

A total of 136 large whale injury and mortality records were reviewed (Tables 2 and 4). Of these, 35 were dead and the remaining 101 records were assessed for NSI/SI (Table 7b). Vessel strikes were the most common form of injury and mortality to blue (*Balaenoptera musculus*), fin (*B. physalus*), and Bryde's (*B. edeni*) whales. Gray whales were most commonly observed entangled in gear of unknown origin, though most of these records likely were pot/trap fisheries, based on remaining gray whale records for which specific fisheries could be identified. Entanglement in pot/trap fisheries was the most common source of injury to humpback whales (*Megaptera novaeangliae*) (Table 6). Large whale records included gray (n=55), humpback (n=44), unidentified large whales (n=15), fin (n=10), sperm (*Physeter macrocephalus*) (n=5), blue (n=3), minke (*Balaenoptera acutorostrata*) (n=3), and Bryde's whale (n=1), with vessel strikes and entanglement-related injuries as the most common causes of SI and mortality (Tables 2 and 6). Of 101 large whales evaluated for NSI/SI, 85 cases were fishery-related entanglements, 13 cases involved vessel strikes, and 3 cases involved entanglement in marine debris. Only a small fraction of large whale injury cases (n=23) involved human intervention to remove gear. This reflects that many entangled whales are seen only once and that adverse weather conditions often prohibit safe disentanglement attempts. Ten large whale records that were initially designated as SI resulted in a final injury status of NSI, as a result of successful disentanglement efforts or the animal becoming free of gear over time (Table 7b). Eighty-two other large whale records with initial SI designations retained final injury designations of SI and 6 whales were later found dead (Table 7b). One gray whale initially seen in July 2009 with constricting gillnet and rope cutting into its caudal peduncle was assigned an SI 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 164 small cetacean records were reviewed, but were rarely assessed for SI (n=6) because most were initially reported as dead (n=158). Mortality in gillnets, trawls, and unidentified net fisheries accounted for approximately 75% of small cetacean records (n=116), with about one-third of those (n=36) derived from systematic observer programs. Research-related entanglements of small cetaceans in scientific trawls or nets accounted for 33 records, most involving Pacific white-sided dolphins (n=30), with one event 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=4), harbor porpoise (*Phocoena phocoena*) (n=1), and long-beaked common dolphin (n=1) (Table 2). Of the 6 small cetacean records assessed for injuries, 1 animal died, 3 were considered non-serious injuries, and the remaining 2 records were determined to be serious injuries (Table 7c). A marine mammal excluder device on a scientific trawl allowed two Pacific white-sided dolphin to escape without serious injuries, and one harbor porpoise was released from a research net without serious injuries. Four deaths of long-beaked common dolphins 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.* 2016). 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 causes and recognize that some cases may be missed because of a failure to recognize human-caused injuries and deaths.

Many 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 net, pot, and trap fisheries are likely greater than the number of observations because derelict gear can entangle 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.

A small percentage of pinnipeds died in rehabilitation facilities after an initial injury assessment of NSI. The typical cause of death was 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 initial external examination.

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Table 1 (page 1 of 2). Sources of human-caused injury and mortality to marine mammals, 2010–2014.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
SHOOTING	212	14
HOOK AND LINE FISHERY	183	27
POWER PLANT ENTRAINMENT	120	35
GILLNET FISHERY	106	42
MARINE DEBRIS	97	49
UNIDENTIFIED FISHERY INTERACTION	72	53
CA SWORDFISH DRIFT GILLNET FISHERY	71	58
VESSEL STRIKE	68	63
UNIDENTIFIED NET FISHERY	58	67
CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	54	70
CATCH SHARES BOTTOM TRAWL	54	74
AUTHORIZED REMOVAL	51	77
SCIENTIFIC RESEARCH	43	80
HUMAN-INDUCED ABANDONMENT	34	83
HARASSMENT	24	84
UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	22	86
LIMITED ENTRY SABLEFISH HOOK AND LINE	20	87
OIL / TAR	17	88
FISHERY INTERACTION	16	89
CRAB POT FISHERY	14	90
HARRASSMENT	14	91
CATCH SHARES HOOK AND LINE	12	92
DOG ATTACK	12	93
AT-SEA HAKE PELAGIC TRAWL	10	94
DUNGENESS CRAB POT FISHERY	10	94
OPEN ACCESS CA HALIBUT BOTTOM TRAWL	9	95
CAR COLLISION	8	95
GILLNET FISHERY, TRIBAL	7	96
NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	6	96

Table 1 (page 2 of 2). Sources of human-caused injury and mortality to marine mammals, 2010–2014.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
CA SPOT PRAWN TRAP FISHERY	4	96
LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	4	97
UNDERWATER DETONATION EXERCISES	4	97
BLUNT FORCE TRAUMA	3	97
CATCHER PROCESSOR MIDWATER TRAWL	3	97
HAWAII LONGLINE SHALLOW SET FISHERY	3	98
STAB WOUNDS	3	98
TRAWL FISHERY (UNKNOWN)	3	98
UNIDENTIFIED HUMAN INTERACTION	3	98
COD POT FISHERY ENTANGLEMENT	2	98
ELECTRIC SHOCK	2	99
ENTRAPMENT	2	99
NON-FISHERY ENTANGLEMENT	2	99
OPEN ACCESS FIXED GEAR HOOK AND LINE	2	99
SHORESIDE HAKE MIDWATER TRAWL	2	99
AQUACULTURE FACILITY ENTANGLEMENT	1	99
GAFF INJURY	1	99
HARASSMENT/DOG ATTACK	1	99
HARPOON	1	99
LIMITED ENTRY SABLEFISH POT FISHERY	1	99
LIMITED ENTRY TRAWL BOTTOM TRAWL	1	99
LIMITED ENTRY TRAWL HOOK AND LINE	1	100
NORTHERN WASHINGTON OCEAN TROLL FISHERY, TRIBAL	1	100
PACIFIC WHITING TRAWL FISHERY	1	100
SEAL BOMB	1	100
SHOOTING/GILLNET FISHERY	1	100
SHOOTING/HOOK AND LINE FISHERY	1	100
TRIBAL CRAB POT GEAR	1	100
UNIDENTIFIED NET FISHERY/SHOOTING	1	100

Table 2. Final serious injury and mortality designations by species, 2010–2014.

	CAPTIVITY	DEAD	NSI	SI	SI (PRORATE)
<i>BLUE WHALE</i>	0	2	0	0	1
<i>BOTTLENOSE DOLPHIN</i>	0	6	0	0	0
<i>BRYDE'S WHALE</i>	0	1	0	0	0
<i>CALIFORNIA SEA LION</i>	7	426	205	181	0
<i>COMMON DOLPHIN, LONG-BEAKED</i>	0	47	0	0	0
<i>COMMON DOLPHIN, SHORT-BEAKED</i>	0	24	0	0	0
<i>DALL'S PORPOISE</i>	0	1	0	0	0
<i>FIN WHALE</i>	0	9	0	1	0
<i>GRAY WHALE</i>	0	15	6	22	12
<i>GUADALUPE FUR SEAL</i>	0	11	2	3	0
<i>HARBOR PORPOISE</i>	0	41	1	0	0
<i>HARBOR SEAL</i>	0	160	53	41	0
<i>HUMPBACK WHALE</i>	0	10	10	7	17
<i>MINKE WHALE</i>	0	1	1	0	1
<i>NORTHERN ELEPHANT SEAL</i>	0	20	24	18	0
<i>NORTHERN FUR SEAL</i>	0	7	2	1	0
<i>NORTHERN RIGHT WHALE DOLPHIN</i>	0	6	0	0	0
<i>PACIFIC WHITE-SIDED DOLPHIN</i>	0	28	2	2	0
<i>RISSE'S DOLPHIN</i>	0	3	0	0	0
<i>SHORT-FINNED PILOT WHALE</i>	0	2	0	0	0
<i>SPERM WHALE</i>	0	2	2	1	0
<i>STRIPED DOLPHIN</i>	0	1	0	0	0
<i>UNIDENTIFIED OTARIID</i>	0	2	0	1	0
<i>UNIDENTIFIED PINNIPED</i>	0	1	1	7	0
<i>UNIDENTIFIED SEA LION</i>	0	1	5	0	0
<i>UNIDENTIFIED SEAL</i>	0	0	0	1	0
<i>UNIDENTIFIED WHALE</i>	0	1	0	10	4

Table 3 (page 1 of 2). Sources of human-caused injury and mortality to pinnipeds, 2010–2014.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
SHOOTING	212	18
HOOK AND LINE FISHERY	180	33
POWER PLANT ENTRAINMENT	120	43
MARINE DEBRIS	90	51
GILLNET FISHERY	73	57
CATCH SHARES BOTTOM TRAWL	53	62
CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	52	66
AUTHORIZED REMOVAL	51	70
UNIDENTIFIED NET FISHERY	35	73
HUMAN-INDUCED ABANDONMENT	34	76
VESSEL STRIKE	33	79
CA SWORDFISH DRIFT GILLNET FISHERY	31	82
HARRASSMENT	24	84
LIMITED ENTRY SABLEFISH HOOK AND LINE	20	85
OIL / TAR	17	87
UNIDENTIFIED FISHERY INTERACTION	15	88
HARRASSMENT	14	89
CATCH SHARES HOOK AND LINE	12	90
DOG ATTACK	12	91
FISHERY INTERACTION	11	92
AT-SEA HAKE PELAGIC TRAWL	10	93
SCIENTIFIC RESEARCH	10	94
OPEN ACCESS CA HALIBUT BOTTOM TRAWL	9	95
CAR COLLISION	8	95
GILLNET FISHERY, TRIBAL	7	96

Table 3 (page 2 of 2). Sources of human-caused injury and mortality to pinnipeds, 2010–2014.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	6	97
LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	4	97
BLUNT FORCE TRAUMA	3	97
CATCHER PROCESSOR MIDWATER TRAWL	3	97
HAWAII LONGLINE SHALLOW SET FISHERY	3	98
STAB WOUNDS	3	98
TRAWL FISHERY (UNKNOWN)	3	98
ELECTRIC SHOCK	2	98
ENTRAPMENT	2	98
SHORESIDE HAKE MIDWATER TRAWL	2	99
UNIDENTIFIED HUMAN INTERACTION	2	99
AQUACULTURE FACILITY ENTANGLEMENT	1	99
CRAB POT FISHERY	1	99
GAFF INJURY	1	99
HARASSMENT/DOG ATTACK	1	99
LIMITED ENTRY TRAWL BOTTOM TRAWL	1	99
LIMITED ENTRY TRAWL HOOK AND LINE	1	99
NON-FISHERY ENTANGLEMENT	1	99
NORTHERN WASHINGTON OCEAN TROLL FISHERY, TRIBAL	1	99
PACIFIC WHITING TRAWL FISHERY	1	100
SEAL BOMB	1	100
SHOOTING/GILLNET FISHERY	1	100
SHOOTING/HOOK AND LINE FISHERY	1	100
UNIDENTIFIED NET FISHERY/SHOOTING	1	100
UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	1	100

Table 4. Sources of human-caused injury and mortality of large whales, 2010–2014.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
UNIDENTIFIED FISHERY INTERACTION	31	23
VESSEL STRIKE	31	46
UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	21	61
CRAB POT FISHERY	13	71
DUNGENESS CRAB POT FISHERY	10	78
GILLNET FISHERY	8	84
CA SPOT PRAWN TRAP FISHERY	4	87
CA SWORDFISH DRIFT GILLNET FISHERY	4	90
MARINE DEBRIS	4	93
UNIDENTIFIED NET FISHERY	3	95
COD POT FISHERY ENTANGLEMENT	2	96
OPEN ACCESS FIXED GEAR HOOK AND LINE	2	98
HARPOON	1	99
LIMITED ENTRY SABLEFISH POT FISHERY	1	99
TRIBAL CRAB POT GEAR	1	100

Table 5. Sources of human-caused injury and mortality of small cetaceans, 2010–2014.

SOURCE OF HUMAN-CAUSED SERIOUS INJURY OR MORTALITY	NUMBER	CUMULATIVE PERCENT OF TOTAL
CA SWORDFISH DRIFT GILLNET FISHERY	36	22
SCIENTIFIC RESEARCH	33	42
UNIDENTIFIED FISHERY INTERACTION	26	58
GILLNET FISHERY	25	73
UNIDENTIFIED NET FISHERY	20	85
FISHERY INTERACTION	5	88
UNDERWATER DETONATION EXERCISES	4	91
VESSEL STRIKE	4	93
HOOK AND LINE FISHERY	3	95
MARINE DEBRIS	3	97
CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	2	98
CATCH SHARES BOTTOM TRAWL	1	99
NON-FISHERY ENTANGLEMENT	1	99
UNIDENTIFIED HUMAN INTERACTION	1	100

Table 6. Leading causes of observed human–caused injury and mortality by species, 2010–2014.

SPECIES	SOURCE OF INJURY/MORTALITY	NUMBER OF RECORDS
BLUE WHALE	VESSEL STRIKE	3
BOTTLENOSE DOLPHIN	CA SWORDFISH DRIFT GILLNET FISHERY	2
BRYDE'S WHALE	VESSEL STRIKE	1
CALIFORNIA SEA LION	SHOOTING	163
COMMON DOLPHIN, LONG–BEAKED	GILLNET FISHERY	18
COMMON DOLPHIN, SHORT–BEAKED	CA SWORDFISH DRIFT GILLNET FISHERY	22
DALL'S PORPOISE	CA SWORDFISH DRIFT GILLNET FISHERY	1
FIN WHALE	VESSEL STRIKE	9
GRAY WHALE	UNIDENTIFIED FISHERY INTERACTION	15
GUADALUPE FUR SEAL	MARINE DEBRIS	8
HARBOR PORPOISE	UNIDENTIFIED NET FISHERY	16
HARBOR SEAL	POWER PLANT ENTRAINMENT	48
HUMPBACK WHALE	CRAB POT FISHERY	9
MINKE WHALE	CA SWORDFISH DRIFT GILLNET FISHERY	1
NORTHERN ELEPHANT SEAL	MARINE DEBRIS	13
NORTHERN FUR SEAL	FISHERY INTERACTION	3
NORTHERN RIGHT WHALE DOLPHIN	CA SWORDFISH DRIFT GILLNET FISHERY	6
PACIFIC WHITE–SIDED DOLPHIN	SCIENTIFIC RESEARCH	30
RISSE'S DOLPHIN	UNIDENTIFIED FISHERY INTERACTION	2
SHORT–FINNED PILOT WHALE	CA SWORDFISH DRIFT GILLNET FISHERY	2
SPERM WHALE	CA SWORDFISH DRIFT GILLNET FISHERY	2
STRIPED DOLPHIN	UNIDENTIFIED FISHERY INTERACTION	1
UNIDENTIFIED OTARIID	AT–SEA HAKE PELAGIC TRAWL	1
UNIDENTIFIED PINNIPED	UNIDENTIFIED NET FISHERY	3
UNIDENTIFIED SEA LION	LIMITED ENTRY SABLEFISH HOOK AND LINE	5
UNIDENTIFIED SEAL	CATCH SHARES BOTTOM TRAWL	1
UNIDENTIFIED WHALE	UNIDENTIFIED FISHERY INTERACTION	8

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.

	CAPTIVITY	DEAD	NSI	SI
<i>ALIVE</i>	5	47	0	0
<i>NSI</i>	1	1	170	2
<i>SI</i>	1	112	122	251

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

	DEAD	NSI	SI	SI (PRORATE)
<i>NSI</i>	0	9	0	0
<i>SI</i>	5	10	32	2
<i>SI (PRORATE)</i>	1	0	9	33

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

	DEAD	NSI	SI
<i>NSI</i>	0	3	0
<i>SI</i>	1	0	2

Summary of Pinniped¹ Injury Categories and Criteria

<p>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.</p>			
Category	Injury/Information	Injury Determination²	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 ³	
P2	Ingested gear ⁴ or hook(s)	SI	
P3	Visible blood loss	Case specific ⁵	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

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

² 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.

³ SI = serious injury.

⁴ 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.

⁵ 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 ⁶ 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 ⁷	
P6	Gear attached in any manner to free-swimming animal with potential ⁸ 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 ⁹ 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 ¹⁰ by foreign object or body cavity exposure	SI	

⁶ 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.

⁷ NSI = non-serious injury.

⁸ 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.

⁹ 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.

¹⁰ 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 Cetacean¹ 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 ² or hook(s)	SI ³	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 ⁴	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 ⁵	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 ⁶ : 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

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

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

³ SI = Serious Injury.

⁴ NSI = Non-Serious Injury.

⁵ 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.

⁶ "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 ≤ 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 ⁷	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

⁷ “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 Cetacean¹ 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 ²	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 ³	
S2	Ingested gear ⁴ or hook(s)	SI	
S3	Visible blood loss	Case specific ⁵	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 ⁶ 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

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

² 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.

³ SI = serious injury.

⁴ 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.

⁵ 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

⁶ 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 ⁷ 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 ⁸ 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 ⁹ 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	

⁷ 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.

⁸ 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.

⁹ 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, 2010-2014.

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	2010	8	4	VESSEL STRIKE	MONTEREY	CA	SI (PRORATE)	REPORT FROM CAPTAIN OF STRIKING A WHALE. WHALEWATCH VESSEL COLLIDED WITH FREE-SWIMMING ANIMAL; REPORT IS OF ANIMAL STRUCK MID-BODY, DIVING FOLLOWING STRIKE, NO BLOOD OBSERVED IN WATER AND ANIMAL NOT RESIGHTED. VESSEL SIZE ASSUMED IN EXCESS OF 65 FT. AND SPEED UNKNOWN.	SI (PRORATE)	L7A	0.56	0	1
BLUE WHALE	EASTERN N PACIFIC	2010	8	25	VESSEL STRIKE	SANTA BARBARA	CA	DEAD	MULTIPLE FRAGMENTS OF VERTEBRAE AND RIBS IN ABDOMINAL CAVITY	DEAD	NA	NA	0	1
BLUE WHALE	EASTERN N PACIFIC	2010	10	2	VESSEL STRIKE	SAN MATEO	CA	DEAD	BROKEN BONES AND HEMORRHAGE CONSISTENT WITH VESSEL STRIKE	DEAD	NA	NA	0	1
BOTTLENOSE DOLPHIN	CA/OR/WA OFFSHORE	2010	11	13	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
BOTTLENOSE DOLPHIN	CALIFORNIA COASTAL	2010	12	19	MARINE DEBRIS	SAN DIEGO	CA	DEAD	ADVANCED STATE OF DECOMPOSITION. DEEP, WIDE LACERATIONS THAT WERE EVENLY SPACED ALONG PEDUNCLE IN COMBINATION WITH WIDE IMPRESSION ON PECTORAL IS SUGGESTIVE OF ENTANGLEMENT IN THICK LINE/ROPE. IDENTIFIED AS COASTAL STOCK ANIMAL VIA GENETICS.	DEAD	NA	NA	0	1
BOTTLENOSE DOLPHIN	CALIFORNIA COASTAL	2012	2	22	NON-FISHERY ENTANGLEMENT	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	NA	NA	1
BOTTLENOSE DOLPHIN	NA	2012	10	16	SCIENTIFIC RESEARCH	SAN LUIS OBISPO	CA	DEAD	ANIMAL CAUGHT IN SEA OTTER RESEARCH NET.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	1	1
BRYDE'S WHALE	EASTERN TROPICAL PACIFIC	2010	11	25	VESSEL STRIKE	MASON	WA	SI	SIGHTED ALIVE ON 11/25/10. ANIMAL INJURED AND NOT SURFACING NORMALLY. EXTERNAL EVIDENCE OF PROPELLER MARKS. WASHED UP DEAD ON 12/4/10 AND TOWED FOR NECROPSY ON 12/6/10. DETERMINED TO BE ONE OR MORE VESSEL STRIKES.	DEAD	L11	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	1	4	SHOOTING	KING	WA	DEAD	BULLET FRAGMENTS IN SKULL	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	1	6	SHOOTING	PIERCE	WA	DEAD	BULLETS FOUND DURING NECROPSY	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	1	9	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	1	12	MARINE DEBRIS	LINCOLN	OR	SI	PACKING BAND OR MONOFILAMENT WRAPPED AROUND LOWER NECK	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	1	12	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	1	23	VESSEL STRIKE	SAN DIEGO	CA	SI	BOAT COLLISION, MULTIPLE LACERATIONS, BROKEN BONES, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P15	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	1	24	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	1	27	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLE IN HEAD	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	7	SHOOTING	KING	WA	DEAD	BULLET FOUND DURING NECROPSY	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	8	GILLNET FISHERY	VENTURA	CA	SI	GILLNET ENTANGLEMENT, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	1	0
CALIFORNIA SEA LION	U.S.	2010	2	9	SHOOTING	KING	WA	DEAD	BULLET FOUND IN BRAIN CAVITY	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	10	SHOOTING	KING	WA	DEAD	BULLETS FOUND IN DORSAL MUSCLE	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	11	MARINE DEBRIS	ORANGE	CA	SI	RUBBER BAND AROUND NECK, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	2	13	SHOOTING	KING	WA	DEAD	BULLET FRAGMENTS FOUND IN MUSCLE	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	14	SHOOTING	KING	WA	DEAD	BULLETS FOUND IN BRAIN	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	14	UNIDENTIFIED NET FISHERY	LOS ANGELES	CA	SI	GILLNET-LIKE LACERATIONS AROUND CIRCUMFERENCE OF ANIMAL, DIED IN REHAB	DEAD	NA	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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.	2010	2	15	VESSEL STRIKE	DEL NORTE	CA	SI	PROPELLER WOUNDS ON ANIMAL, TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P15	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	2	18	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	22	SHOOTING	PIERCE	WA	DEAD	BULLETS CONFIRMED VIA RADIOGRAPH	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	2	23	SHOOTING	PIERCE	WA	DEAD	BULLET HOLE AND SHRAPNEL FOUND	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	8	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE AROUND NECK, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	12	SHOOTING	PIERCE	WA	DEAD	BULLET FRAGMENT IN BRAIN CAVITY	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	3	16	LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	NSI	ANIMAL STUCK IN CODEND, STILL ALIVE, DUMPED ON DECK, THEN WENT QUICKLY OFF STERN RAMP AND SWAM AWAY	NSI	P4	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	3	17	VESSEL STRIKE	SANTA BARBARA	CA	DEAD	VESSEL CREW FELT THE IMPACT OF THE SEA LION AND OBSERVED THE SINKING CARCASS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	3	24	SHOOTING	KING	WA	DEAD	SHRAPNEL FOUND ON RADIOGRAPH	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	3	25	GILLNET FISHERY	ORANGE	CA	SI	GILLNET AROUND HEAD THROUGH CORNERS OF MOUTH, ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	3	25	MARINE DEBRIS	LINCOLN	OR	SI	PACKING BAND ENTANGLEMENT AROUND NECK, CUTTING INTO BLUBBER AND MUSCLE; OBSERVED SEVERAL TIMES BETWEEN MAY AND JULY	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	3	25	SHOOTING	MONTEREY	CA	SI	BULLET TIP FOUND IN ABSCESS ON LEFT CHEEK. SMALL HOLE IN FOREHEAD. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	3	26	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	3	28	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING LINE IN MOUTH. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	3	29	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOK IN BACK. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	3	30	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	3	30	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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.	2010	3	31	CAR COLLISION	SAN DIEGO	CA	SI	EYE WITNESS ACCOUNT, ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	3	31	GILLNET FISHERY	SANTA BARBARA	CA	SI	GILLNET AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	1	0
CALIFORNIA SEA LION	U.S.	2010	3	31	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	1	SHOOTING	SANTA CRUZ	CA	SI	MULTIPLE PELLETS IN SKULL, LEFT EYE. ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	3	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	FISH HOOK. RIGHT REAR FLIPPER. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	4	3	MARINE DEBRIS	ORANGE	CA	SI	VOMITED UP PLASTIC MATERIAL, NO DETAILS ON FINAL OUTCOME	SI	P2	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	6	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	4	7	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	8	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	8	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	8	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	9	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	9	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	FRESH DEAD, ENTERED SCREEN BAY	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	9	UNIDENTIFIED NET FISHERY	LOS ANGELES	CA	DEAD	ENTANGLEMENT WOUNDS AROUND CIRCUMFERENCE OF ANIMAL.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	10	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOKS IN LOWER LIP AND LEFT FRONT FLIPPER. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	4	12	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	13	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	FISH HOOK IN RIGHT FRONT FLIPPER. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	4	15	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	DETERRENCE USED. A SEA LION WAS FEEDING ON CATCH NEAR THE HAULING STATION. AS SOON AS THE CAPTAIN SAW IT, HE TOLD THE DECKHAND TO FIRE A GUN TO SCARE IT OFF. THE SEA LION HAD MOVED TO THE STERN AND THE DECKHAND FIRED TWO SHOTS NEAR IT AND IT LEFT.	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	4	17	GILLNET FISHERY	SAN DIEGO	CA	SI	GREEN NET ENTANGLED AROUND NECK WITH SEVERAL FEET OF NET TRAILING. ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	17	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK IN RIGHT SIDE OF MOUTH. ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	18	VESSEL STRIKE	KING	WA	SI	ANIMAL DIED DURING OVERNIGHT OBSERVATION. BLUNT FORCE TRAUMA, CRUSHED STERNUM	DEAD	P15	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	20	HOOK AND LINE FISHERY	LINCOLN	OR	SI	SILVER COLORED FISHING LURE STUCK IN MOUTH WITH LONG LEADER ATTACHED	SI	P2	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	21	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOK IN MOUTH. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	21	MARINE DEBRIS	SAN DIEGO	CA	SI	PLASTIC PACKAGING STRAP, ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	4	23	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	23	GILLNET FISHERY	LOS ANGELES	CA	SI	GILLNET FRAGMENT EMBEDDED IN NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	1	0
CALIFORNIA SEA LION	U.S.	2010	4	25	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	25	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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.	2010	4	25	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	26	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	26	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	4	26	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	4	28	MARINE DEBRIS	LOS ANGELES	CA	SI	ANIMAL DIED DURING TRANSPORTATION TO REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	1	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	SI	SEA-LION CAME UP HOOKED TO A GANGION AFTER ATTEMPTING TO EAT A BLACK COD - CREW CUT-OFF GANGION AND SEA-LION LETHARGICALLY SWAM AWAY WITH HOOK AND LEFTOVER BLACKCOD IN ITS MOUTH	SI	P5A	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	5	2	SHOOTING	PACIFIC	WA	DEAD	OBVIOUS BULLET HOLE IN ABDOMEN	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	4	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	5	4	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	5	MARINE DEBRIS	MONTEREY	CA	SI	LINE WRAPPED AROUND NECK.	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	6	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	6	HOOK AND LINE FISHERY	ORANGE	CA	NSI	FLY FISH HOOK RIGHT SIDE OF BODY, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	6	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	6	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	6	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	8	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	FISHING LINE AROUND NECK AND LACERATIONS FROM ENTANGLEMENT. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	9	GILLNET FISHERY	MONTEREY	CA	SI	GREEN GILLNET AROUND NECK, CUTTING INTO SKIN 1 CM DEEP. ANIMAL DISENTANGLED, RELOCATED	NSI	P7B	NA	1	0
CALIFORNIA SEA LION	U.S.	2010	5	10	HOOK AND LINE FISHERY	LINCOLN	OR	SI	OBSERVED SWIMMING WITH 12" ORANGE AND SILVER SALMON FLASHER HANGING FROM MOUTH	SI	P2	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	10	SHOOTING	MONTEREY	CA	SI	BULLET FRAGMENT IN CHEST. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	11	DOG ATTACK	SANTA BARBARA	CA	DEAD	NO DETAILS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	11	SHOOTING	SAN LUIS OBISPO	CA	SI	BULLET LODGED IN VERTEBRAL COLUMN. ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	12	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	ANIMAL DISENTANGLED, RELOCATED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	12	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	ANIMAL DISENTANGLED, RELOCATED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	14	HOOK AND LINE FISHERY	ORANGE	CA	SI	MULTIPLE FISH HOOKS ON BODY AND FLIPPERS. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	14	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISHING LINE AROUND NECK RESULTING IN DEEP LACERATION. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	14	MARINE DEBRIS	SAN MATEO	CA	SI	THICK BLACK RUBBER BAND AROUND NECK. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	14	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	FRESH DEAD	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	15	HOOK AND LINE FISHERY	SAN LUIS OBISPO	CA	SI	FISHING LINE AROUND NECK, CUTTING INTO TISSUE. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	15	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI	GREEN MONOFILAMENT CUTTING INTO NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	15	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	GREEN MONOFILAMENT NETTING WRAPPED AROUND NECK 2X AND THROUGH MOUTH. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	18	HOOK AND LINE FISHERY	ORANGE	CA	SI	8 FISHHOOKS ON BODY AND FLIPPERS. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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.	2010	5	20	MARINE DEBRIS	LINCOLN	OR	SI	PLASTIC PACKING BAND HAD BEEN CUTTING INTO NECK; ANIMAL WAS HERDED WITH CROWDER BOARDS AND DISENTANGLED WITH KNIFE AT END OF POLE; BRIEFLY WENT TO WATER THEN RETURNED TO BEACH; WAS VERY THIN; REMAINED ON BEACH REST OF DAY. CATEGORIZED AS SERIOUS INJURY BECAUSE OF BODY CONDITION.	SI	P1	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	21	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	CA	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	5	21	UNIDENTIFIED NET FISHERY	SAN MATEO	CA	SI	MONOFILAMENT NET/LINE EMBEDDED IN NECK. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	25	UNIDENTIFIED NET FISHERY	SANTA CRUZ	CA	SI	MONOFILAMENT NET/LINE AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	26	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	5	26	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	5	26	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	FISH HOOK IN MOUTH, 3 FISH HOOKS IN ESOPHAGUS. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	29	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	5	29	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	5	30	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	FISH HOOKS IN FRONT AND REAR FLIPPERS. LURE AND WEIGHT HANGING FROM MOUTH. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	5	31	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK IN TONGUE WITH LINE ATTACHED, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	31	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	FISHING LINE, HOOK, AND WEIGHT IN MOUTH. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	5	31	SHOOTING	TILLAMOOK	OR	DEAD	BUCKSHOT PELLETS RECOVERED	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	2	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	6	2	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	6	2	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	6	2	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	6	2	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	6	4	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	6	5	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	6	6	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	HOOKS AND LINE WRAPPED AROUND REAR FLIPPERS. ANIMAL DISENTANGLED, RELEASED AT SITE	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	8	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOK IN RIGHT SIDE OF MOUTH. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	8	MARINE DEBRIS	SAN DIEGO	CA	DEAD	ROPE AROUND NECK	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	9	SHOOTING	CLATSOP	OR	DEAD	BULLET FRAGMENT COLLECTED, SKULL BLOWN AWAY	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	9	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	GREEN NET ENTANGLED AROUND NECK AND HEAD. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	10	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	FISH HOOK IN MOUTH. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	10	STAB WOUNDS	LOS ANGELES	CA	SI	ANIMAL EUTHANIZED IN REHAB. KNIFE LACERATION.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	12	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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.	2010	6	12	SHOOTING	SAN DIEGO	CA	SI	XRAY, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	SI	P9	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	12	SHOOTING	CLATSOP	OR	DEAD	HOLE IN ANIMAL, ASSOCIATED HEMORRHAGING	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	14	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING LINE, ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	15	HOOK AND LINE FISHERY	MONTEREY	CA	NSI	FISH HOOK IN UPPER CHEST. DISENTANGLED, RELEASED AT SITE	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	15	HOOK AND LINE FISHERY	MONTEREY	CA	SI	ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	15	SHOOTING	PACIFIC	WA	DEAD	BULLET HOLE RIGHT SIDE OF NECK, FISH HOOK AND LINE IN MOUTH	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	18	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOKS ON LEFT SIDE OF FACE. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	18	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	SI	ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	19	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISH HOOK IN LEFT FLANK, RELEASED AT SITE	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	24	HOOK AND LINE FISHERY	LINCOLN	OR	SI	LARGE SALMON FLASHER REPORTEDLY HANGING FROM MOUTH	SI	P2	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	25	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOKS. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	6	26	HOOK AND LINE FISHERY	LOS ANGELES	CA	NSI	FISH HOOKS IN FRONT AND REAR FLIPPERS.	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	6	28	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISHING LINE AROUND NECK AND IN MOUTH. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	7	2	HOOK AND LINE FISHERY	SANTA BARBARA	CA	SI	ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	7	3	HOOK AND LINE FISHERY	CLATSOP	OR	SI	FISHING LURE ATTACHED TO HEAD, THROAT	SI	P5B	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	7	11	HOOK AND LINE FISHERY	SANTA CRUZ	CA	SI	FISH HOOK IN MOUTH, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	7	12	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISHING LINE GOING DOWN THROAT. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	7	16	VESSEL STRIKE	MONTEREY	CA	DEAD	EYE WITNESSES SAW BOAT HIT SEA LION	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	7	20	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	FISH HOOK IN RIGHT UPPER LIP INSIDE MOUTH AND LOWER LEFT LIP INSIDE MOUTH, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	7	21	BLUNT FORCE TRAUMA	LOS ANGELES	CA	SI	ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	7	25	HOOK AND LINE FISHERY	SANTA BARBARA	CA	NSI	HOOK IN LEFT HIND FLIPPER, ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	8	4	HOOK AND LINE FISHERY	MONTEREY	CA	SI	FISHING LINE & HOOKS: RIGHT LOWER LIP, ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	8	5	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	ANIMAL DIED IN REHAB. CAUSE OF DEATH = FISH HOOK PERFORATION OF ESOPHAGUS.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	8	5	HOOK AND LINE FISHERY	MONTEREY	CA	SI	FISHING HOOK, LURE & LINE IN MOUTH. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	8	20	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	8	20	SHOOTING	SONOMA	CA	DEAD	BULLET/PELLET FOUND AT BASE OF SKULL	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	8	25	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	8	30	SHOOTING	SAN DIEGO	CA	SI	ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	9	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, NO CAPTIVE FACILITY AVAILABLE.	DEAD	NA	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	9	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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2010	9	9	SHOOTING	MONTEREY	CA	SI	GUNSHOT/PELLET IN MUSCLE AROUND SPINE. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	9	15	HARASSMENT	SAN FRANCISCO	CA	SI	APPROX. 8 INCH DART EMBEDDED IN FOREHEAD, NOT CAPTURED	SI	P9	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	9	15	SHOOTING	SAN MATEO	CA	SI	ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	9	18	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	9	20	SHOOTING	PACIFIC	WA	DEAD	BULLET HOLE IN NECK	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	9	24	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSO GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	9	26	SHOOTING	SAN DIEGO	CA	SI	ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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.	2010	9	29	SHOOTING	SAN DIEGO	CA	SI	BULLET FOUND IN MESENTERY; APPEARS TO BE A .22 GAUGE, ANIMAL EUTHANIZED IN REHAB	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	10	1	STAB WOUNDS	SAN DIEGO	CA	SI	WOUNDS FROM A FISHING GAFF INJURY. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED.	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	10	3	SHOOTING	MARIN	CA	SI	FOREIGN OBJECT VENTRAL TO C4-C5 VERTEBRAE ON RADIOGRAPHS, NOT REMOVED. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	10	5	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	10	6	MARINE DEBRIS	SAN MATEO	CA	SI	WIDE BLACK STIFF RUBBER BELT AROUND NECK. DISENTANGLED, ANIMAL RELEASED AT SITE	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	10	10	MARINE DEBRIS	HUMBOLDT	CA	SI	PLASTIC BAND 21.5 IN LONG AND 1/8 IN WIDE AROUND NECK. ANIMAL DIED IN REHAB.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	10	11	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	10	11	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	10	12	SHOOTING	CLATSOP	OR	SI	SMALL BULLET HOLES (POSSIBLY FROM A .22 GUN) WITH ASSOCIATED HEMORRHAGING ON RIGHT ABDOMEN; THORACIC AREA HEMORRHAGE.	SI	P12	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	10	12	SHOOTING	CLATSOP	OR	DEAD	SMALL BULLET HOLES IN ABDOMEN	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	10	12	UNIDENTIFIED NET FISHERY	LOS ANGELES	CA	SI	GILLNET PRESENT AROUND NECK AND MISCELLANEOUS MONOFILAMENT PRESENT ANIMAL DIED IN REHAB.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	10	14	POWER PLANT ENTRAINMENT LIMITED ENTRY TRAWL BOTTOM	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM, RELEASED AT SITE	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	10	24	TRAWL	OFFSHORE	CA	DEAD	NWFSO GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	10	26	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	ENTERED SCREEN BAY THROUGH INTAKE TUNNEL	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	3	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	GREEN MONOFILAMENT NETTING AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED.	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	11	5	SHOOTING	TILLAMOOK	OR	DEAD	BULLET WOUNDS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	6	SHOOTING	CLATSOP	OR	DEAD	BULLET WOUNDS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	11	SHOOTING	PACIFIC	WA	DEAD	BULLET WOUNDS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	16	LIMITED ENTRY TRAWL HOOK AND LINE	OFFSHORE	CA	SI	HOOKED SEA LION BROUGHT UP CLOSE ENOUGH SO THE CAPTAIN COULD CUT THE GANGION AND RELEASE ANIMAL. ANIMAL STAYED AROUND THE BOAT FLOATING IN PLACE FOR A FEW SECONDS THEN DOVE DOWN UNDER WATER AGAIN. ONLY THE HOOK WAS LEFT IN THE SEA LIONS MOUTH.	SI	P5A	NA	1	1
CALIFORNIA SEA LION	U.S.	2010	11	19	SHOOTING	ORANGE	CA	SI	LINEAR LACERATION, LIKELY GAFF; 2 0.22 CALIBER BULLETS FOUND IN TISSUE, ONE BRASS AND ONE LEAD. ANIMAL EUTHANIZED IN REHAB.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	21	SHOOTING	MARIN	CA	DEAD	MULTIPLE PELLETS AND A LARGE CALIBER BULLET FRAGMENT WERE FOUND IN HEAD DURING NECROPSY.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	23	SHOOTING	CLATSOP	OR	DEAD	BULLET WOUNDS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	24	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	SI	SEVERE ENTANGLEMENT INJURY AROUND NECK; EVIDENCE OF OLD (HEALED) ENTANGLEMENT INJURY CAUSING SKULL DEFORMATION. ANIMAL DIED IN REHAB.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	24	UNIDENTIFIED NET FISHERY	VENTURA	CA	SI	GREEN MONOFILAMENT NETTING AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED.	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	11	25	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM, ANIMAL EUTHANIZED IN REHAB.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	11	26	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	FISHING HOOK IN LOWER RIGHT LIP. ANIMAL TAKEN TO REHAB, TREATED AND RELEASED.	NSI	P5C	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	11	26	SHOOTING	LOS ANGELES	CA	SI	PELLETS FROM BB GUN IN SUBCUTANEOUS TISSUE AND SUPERFICIAL MUSCLES OF THE LEFT SHOULDER; 3 SMALL PATCHES OF OIL ON RIGHT ABDOMEN; ANIMAL OBSERVED IN VICINITY OF OIL / TAR. ANIMAL TREATED IN REHAB AND RELEASED.	NSI	P9	NA	0	0

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CALIFORNIA SEA LION	U.S.	2010	11	27	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM, RELEASED AT SITE	NSI	P9	NA	0	0
CALIFORNIA SEA LION	U.S.	2010	12	8	SHOOTING	MARIN	CA	SI	GUNSHOT - HEAD, LEFT SIDE OF FACE AND MUZZLE. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY	CAPTIVITY	P9	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	12	23	MARINE DEBRIS	MARIN	CA	SI	NYLON LINE EMBEDDED IN LIP; SOURCE (FISHERY/DEBRIS?) UNKNOWN	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2010	12	29	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	SI	MONOFILAMENT LINE AROUND NECK. ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	1	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	3	12	UNIDENTIFIED NET FISHERY	SANTA BARBARA	CA	SI	YELLOW 'POLY' FISHING NET AROUND NECK	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	3	13	GILLNET FISHERY	MONTEREY	CA	SI	MONOFILAMENT NETTING AROUND NECK	SI	P8A	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	3	13	HOOK AND LINE FISHERY	MONTEREY	CA	SI	FISHING LINE AROUND NECK	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	3	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
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	NA	1	1
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	NA	1	1
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	NA	0	0

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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	NA	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	4	10	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL RELEASED FROM COOLING WATER SYSTEM	NSI	P9	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	4	12	SHOOTING	PIERCE	WA	DEAD	BULLET WOUNDS	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	4	18	GILLNET FISHERY	SANTA BARBARA	CA	SI	GILLNET, ANIMAL TAKEN INTO REHAB, FINAL STATUS UNKNOWN	SI	P8A	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	4	20	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	4	21	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	4	21	CAR COLLISION	MONTEREY	CA	DEAD	HIT BY CAR	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	4	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	SAN ONOFRE	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	4	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	CARCASS FLOATING IN POWER PLANT INTAKE CHANNEL	DEAD	NA	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	5	2	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	NSI	LIVE ANIMAL RELEASED FROM COOLING WATER INTAKE	NSI	P9	NA	0	0
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	5	6	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	NSI	ANIMAL BOARDED VESSEL. EARS, WHISKERS, DOG SNOOT, LARGE. ANIMAL EXITED VESSEL UNHARMED.	NSI	NA	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	5	8	MARINE DEBRIS	LINCOLN	OR	SI	PLASTIC PACKING BAND CUTTING INTO NECK	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	5	10	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
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	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	NA	1
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	NA	0	1
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	NA	1	1

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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	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	6	1	CATCH SHARES BOTTOM TRAWL	OFFSHORE	WA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	6	7	GILLNET FISHERY	ORANGE	CA	SI	MALNUTRITION, GILLNET LACERATION AROUND NECK	SI	P8A	NA	1	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	6	17	SHOOTING	PACIFIC	WA	DEAD	HEAD BLOWN AWAY	DEAD	NA	NA	0	1
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	NA	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	6	21	SHOOTING	LOS ANGELES	CA	SI	ANIMAL DIED IN REHAB DUE TO GUNSHOT WOUND INJURIES	DEAD	P9	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	6	27	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
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	NA	0	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	6	28	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
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	NA	0	0
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	NA	1	1
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	NA	0	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	7	17	SHOOTING	GRAYS HARBOR	WA	DEAD	BULLET FRAGMENT FOUND ON RADIOGRAPH	DEAD	NA	NA	0	1
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	NA	1	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	7	25	MARINE DEBRIS	VENTURA	CA	SI	ANIMAL DISENTANGLED FROM 'NETTING', TAKEN TO REHAB CENTER	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	7	28	TRAWL FISHERY (UNKNOWN)	CLALLAM	WA	DEAD	TRIBAL FISHERY	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	8	16	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	8	22	LIMITED ENTRY CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	8	27	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	1	1
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	NA	0	0
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	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	CREW USED SEAL BOMBS TO DETER 8 SEA LIONS FROM DEPREDATING CATCH.	NSI	P9	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	9	17	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	9	20	SCIENTIFIC RESEARCH	SOLANO	CA	DEAD	DROWNED IN SCIENTIFIC RESEARCH NET	DEAD	NA	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	9	25	CAR COLLISION	MONTEREY	CA	SI	HIT BY A CAR AROUND MIDNIGHT. HEAD TRAUMA, JAW INJURY, BLEEDING FROM MOUTH AND GURGLING. EUTHANIZED.	DEAD	P9	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1

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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	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	10	7	CAR COLLISION	MONTEREY	CA	DEAD	MIDDLE OF ROAD, HIT BY CAR, DEAD WHEN RESCUE TEAM ARRIVED	DEAD	NA	NA	0	1
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	NA	1	1
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	NA	1	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	10	14	VESSEL STRIKE	CLATSOP	OR	DEAD	VERTEBRA DISLOCATED WITH ASSOCIATED NECROSIS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	10	17	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	27	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	10	29	VESSEL STRIKE	CLATSOP	OR	DEAD	TREMENDOUS HEMORRHAGING	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	10	31	SHOOTING	SAN FRANCISCO	CA	SI	SEIZURES, GOOD BODY WEIGHT, GUNSHOT TO SPINE, EUTHANIZED. NECROPSY PERFORMED.	DEAD	P9	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	11	8	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1

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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	NA	0	0
CALIFORNIA SEA LION	U.S.	2011	11	15	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	11	15	MARINE DEBRIS	CLATSOP	OR	DEAD	ROPE LIKE MARKS ON LEFT VENTRAL PELVIC REGION	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	12	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	12	18	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	12	18	SHOOTING	PIERCE	WA	DEAD	BULLET FOUND IN SKULL	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	12	19	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2011	12	19	VESSEL STRIKE	PACIFIC	WA	DEAD	PROPELLER MARKS	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2011	12	30	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT	DEAD	NA	NA	0	1
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	NA	NA	1	0
CALIFORNIA SEA LION	U.S.	2012	1	9	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	9	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	1	12	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	13	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	1	15	SHOOTING	MONTEREY	CA	SI	EUTHANIZED IN REHABILITATION FACILITY. NECROPSY PERFORMED	DEAD	P9	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	1	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	18	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	18	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	19	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	19	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	1	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	2	2	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	2	4	SHOOTING	CLATSOP	OR	DEAD	SMALL BULLET HOLE AT RIGHT ANTERIOR FLIPPER; HEAD GONE.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	2	10	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	2	10	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
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	NA	0	0
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	NA	1	1
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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	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	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	3	8	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	3	12	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	0
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	NA	0	0
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	NA	1	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	3	25	HARASSMENT	DEL NORTE	CA	NSI	ANIMAL PREVIOUSLY TAGGED (ORANGE ROTOTAG 27261 LEFT FRONT FLIPPER), RESTRANDED AND WAS BEING FED BY PUBLIC. ANIMAL TRANSFERRED TO CAPTIVE DISPLAY FACILITY.	CAPTIVITY	P9	NA	0	1
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	NA	0	0
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	NA	0	0

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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	NA	0	0
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	NA	NA	1
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	NA	NA	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	4	7	SHOOTING	PACIFIC	WA	DEAD	BULLET ENTRANCE/EXIT HOLES IN HEAD.	DEAD	NA	NA	0	1
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	NA	NA	1
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	NA	NA	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	4	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	4	19	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	NA	1
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	NA	NA	1
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	NA	NA	1
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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2012	4	25	SHOOTING	PACIFIC	WA	DEAD	BULLET COLLECTED FROM STOMACH	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	4	29	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	NA	1

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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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2012	4	30	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	5	4	SHOOTING	PACIFIC	WA	DEAD	SHOT IN HEAD (BULLET COLLECTED).	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	5	4	SHOOTING	PACIFIC	WA	DEAD	BULLET LODGED IN LEFT PARIETAL; SKULL COMPLETELY EXPOSED; MANDIBLES GONE.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	NA	1
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	NA	NA	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	5	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	5	28	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	1	0
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	NA	0	1
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	NA	0	0
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	NA	0	0
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).	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	7	1	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	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	P2	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	7	5	MARINE DEBRIS	COOS	OR	SI	MARINE DEBRIS, LARGE BAND OF PLASTIC AROUND NECK. NO FURTHER DETAILS AVAILABLE.	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	7	9	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISH HOOKS IN FRONT FLIPPER, UNDERWEIGHT, DEHYDRATED, CAUSE OF DEATH= STARVATION; SEVERE PARASITIC INFESTATION. ANIMAL DIED IN REHAB CENTER.	DEAD	P5C	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	7	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	7	17	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1

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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	NA	0	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	7	22	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET, INTERNAL BLEEDING. ANIMAL DIED IN REHAB.	DEAD	P8A	NA	1	1
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	NA	1	0
CALIFORNIA SEA LION	U.S.	2012	7	25	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	7	29	CATCH SHARES BOTTOM TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	1	0
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	NA	0	1
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	NA	0	0
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	NA	NA	1
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	NA	0	0
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	NA	0	1
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	NA	1	0
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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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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	NA	0	1
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	NA	0	1
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	NA	1	1
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	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	9	20	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL FOUND IN POWER PLANT INTAKE SYSTEM	DEAD	NA	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	9	20	SHOOTING	PACIFIC	WA	DEAD	BULLET HOLES, TRACKS, AND ASSOCIATED HEMORRHAGE IN NECK AND BODY.	DEAD	NA	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	9	29	SHOOTING	LOS ANGELES	CA	SI	MULTIPLE GUNSHOT WOUNDS RESULTING IN PARALYSIS. EUTHANIZED IN REHAB.	DEAD	P9	NA	0	1
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	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	10	4	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	10	5	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	10	10	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	10	13	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	0
CALIFORNIA SEA LION	U.S.	2012	10	19	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1

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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	NA	1	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2012	11	3	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	11	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2012	11	4	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
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	NA	0	0
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2012	12	11	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	1	2	MARINE DEBRIS	TIP OF WEST JETTY	CA	SI	PLASTIC BAG AROUND NECK, WAS OFF WHEN WE ARRIVED ON SCENE. MALNUTRITION, HYPOGLYCEMIC.	SI	P8A, P7B	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	0

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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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	2	6	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	2	18	HOOK AND LINE FISHERY	BOATING LOADING DOCK	CA	NSI	EMACIATED, DEHYDRATED, HYPERTHERMIC, SEIZURING, FISH HOOK LEFT FRONT FLIPPER, SMALL WOUND ON CHIN AND NOSE	NSI	P5D	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	2	20	SHOOTING	LOS ANGELES	WA	DEAD	THREE BULLETS RECOVERED FROM HEADLESS, DECOMPOSED ANIMAL.	DEAD	NA	NA	0	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	2	23	HOOK AND LINE FISHERY	MONTEREY	CA	SI	WHITE FISHING LINE EMBEDDED AROUND NECK.	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	2	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	2	27	CAR COLLISION	LOS ANGELES	CA	DEAD	RECEIVED CALL FROM CIMWI VOLUNTEER WHO WORKS FOR CALTRANS. FOUND CSL APPARENTLY HIT BY VEHICLE ON PCH.	DEAD	NA	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	3	1	HOOK AND LINE FISHERY	53RD STREET	CA	NSI	MALNUTRITION, DEHYDRATION FISHING LINE LOOSE AROUND NECK. NOT CLEAR IF ANIMAL CONDITION IS RELATED TO FISHING LINE.	NSI	P8B	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	13	OPEN ACCESS CA HALIBUT BOTTOM TRAWL	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	16	MARINE DEBRIS	LOS ANGELES	CA	DEAD	INGESTED GARBAGE.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	16	MARINE DEBRIS	NA	CA	SI	PLASTIC BAG AROUND ANIMALS NECK, SMALL WOUNDS ON FLIPPERS.	SI	P8A	NA	0	1

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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
CALIFORNIA SEA LION	U.S.	2013	3	17	MARINE DEBRIS	ORANGE	OR	SI	SOMETHING TIGHTLY WRAPPED AROUND NECK, PLASTIC PACKING BAND?	SI	P8A	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	21	SHOOTING	LOS ANGELES	WA	SI	THIN ANIMAL; SHOTGUN PELLETS FOUND IN HEAD.	DEAD	P9	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	25	SHOOTING	CLATSOP	OR	DEAD	ANIMAL WAS THIN; BULLET/SHOTGUN PELLET FRAGMENTS IN JAW MUSCLE.	DEAD	NA	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	3	26	MARINE DEBRIS	SAN DIEGO	CA	SI	MALNOURISHED ANIMAL CUT LOOSE FROM POSSIBLE FISHING LINE.	SI	P7B	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	3	27	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	EMBEDDED FISH HOOK REMOVED FROM ANIMAL.	NSI	P5C	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	4	1	HOOK AND LINE FISHERY	ORANGE	CA	SI	UNDERWEIGHT, FISH HOOK IN LIP.	SI	P1, P5B	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	4	2	HOOK AND LINE FISHERY	NA	CA	NSI	FISH HOOKS REMOVED FROM LEFT REAR FLIPPER AND LEFT FRONT FLIPPER.	NSI	P5C	NA	0	0
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	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	4	5	GILLNET FISHERY	NA	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	NA	1	1

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CALIFORNIA SEA LION	U.S.	2013	4	5	HARASSMENT	ORANGE	CA	NSI	MALNOURISHED 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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	4	6	HOOK AND LINE FISHERY	NA	CA	SI	MALNUTRITION; FISH HOOK FELL OUT IN TRANSIT BUT STILL A HOLE IN LIP ON RIGHT SIDE.	SI	P1, P5C	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	4	8	CAR 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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	4	18	GILLNET FISHERY	LOS ANGELES	CA	SI	MALNUTRITION. GILL NET INJURY-CIRCUMFERENTIAL CUT AROUND NECK.	SI	P1	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	4	21	HOOK AND LINE FISHERY	20TH STREET	CA	SI	EMACIATED, FISH HOOK REAR FLIPPER AND ABOVE EYE.	SI	P5B	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0

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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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	4	28	SHOOTING	VENTURA	CA	DEAD	POSITIVE METAL DETECTOR SCAN OF ABDOMINAL AREA.	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	NA	1
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	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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	NA	NA	1
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	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	NA	1
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	NA	NA	1
CALIFORNIA SEA LION	U.S.	2013	5	9	GILLNET FISHERY	ORANGE	CA	SI	GILLNET WOUND AROUND NECK, UNDERWEIGHT.	SI	P1, P8A	NA	1	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	1

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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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	5	20	SHOOTING	SAN DIEGO	CA	SI	GUNSHOT WOUND THROUGH LEFT SIDE OF JAW.	SI	P9	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	5	24	MARINE DEBRIS	CLATSOP	OR	SI	MARINE DEBRIS WRAPPED AROUND NECK.	SI	P8A	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	5	31	HOOK AND LINE FISHERY	ORANGE	CA	SI	FISHING LINE WOUND AROUND NECK, UNDERWEIGHT.	SI	P1, P8A	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	6	10	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK.	SI	P8A	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	6	27	UNIDENTIFIED NET FISHERY	SANTA BARBARA	CA	SI	MALNOURISHED 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	NA	0	0
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	NA	1	0
CALIFORNIA SEA LION	U.S.	2013	7	6	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK.	SI	P8A	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	7	13	UNIDENTIFIED NET FISHERY	SANTA BARBARA	CA	SI	MALNUTRITION, ENTANGLEMENT. TRANSFERRED FROM SBMMC.	NSI	P1, P7B	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	7	31	SHOOTING	SAN DIEGO	CA	SI	APPARENT GUN SHOT ENTRY WOUND CONFIRMED WITH XRAY.	DEAD	P12	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	7	31	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	MONOFILAMENT NET ENTANGLEMENT AROUND NECK, SRO RESCUE.	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	8	14	SHOOTING	MONTEREY	CA	DEAD	KIDNEY AND BOWEL WERE PIERCED BY BULLET 6 TIMES.	DEAD	NA	NA	0	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	8	19	GILLNET FISHERY	SANTA BARBARA	CA	SI	MONOFILAMENT GILLNET AROUND NECK.	SI	P8A	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	9	1	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES; GOOD BODY CONDITION.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	9	13	SHOOTING	CLATSOP	OR	DEAD	MASSIVE HEMORRHAGE, BULLET HOLES; OK BODY CONDITION.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	9	16	GILLNET FISHERY	ORANGE	CA	SI	UNDERWEIGHT, GILL NET WOUND AROUND NECK.	SI	P1, P8A	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	9	16	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES HEMORRHAGE; OK BODY CONDITION.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	9	19	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES; OK BODY CONDITION.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	9	20	SHOOTING	CLATSOP	OR	DEAD	MASSIVE HEMORRHAGE AND BULLET HOLES BROKEN BONES; EXCELLENT BODY CONDITION.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	10	1	GILLNET FISHERY	NA	CA	SI	SEVERE GILL NET ENTANGLEMENT; DEEP GILL NET LACERATION, CIRCUMFERENTIAL.	SI	P8A	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	10	4	GILLNET FISHERY	NEWPORT	CA	SI	UNDERWEIGHT, GILL NET WOUND AROUND NECK.	SI	P1, P8A	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	10	10	SHOOTING	NA	CA	SI	HYPOTHERMIC; THIN; PUNCTURE WOUNDS ON UPPER BACK SHOULDER AREA WITH PUS DRAINING; BULLET EMBEDDED IN TIGHT ELBOW JOINT; RESPIRATION SHALLOW.	SI	P9	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	10	11	SHOOTING	LOS ANGELES	CA	DEAD	RADIOGRAPH REVEALED GUNSHOT EVIDENCE.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2013	10	15	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	10	21	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	10	31	SHOOTING	SANTA BARBARA	CA	DEAD	GUNSHOT CONFIRMED WITH X-RAYS.	DEAD	NA	NA	0	1

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CALIFORNIA SEA LION	U.S.	2013	11	1	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2013	11	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2013	11	28	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	1	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	1	3	MARINE DEBRIS	ORANGE	CA	SI	WOUND AROUND NECK FROM NET/LINE. EMACIATED, DEHYDRATED	SI	P8A	NA	0	1
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	NA	0	1
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	NA	0	1
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 APROXIMATELY 3 FEET OF FISHING LINE/NET IN ANIMALS VOMIT. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P2	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0

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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	NA	0	0
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	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	3	12	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	FOUND FLOATING DEAD IN WATER INTAKE SYSTEM. SCATTERGOOD GENERATING STATION.	DEAD	NA	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	3	19	VESSEL STRIKE	CLATSOP	OR	DEAD	PROPELLER WOUNDS ON FRESHLY DEAD ANIMAL	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	3	20	OIL / TAR	MONTEREY	CA	SI	UNRESPONSIVE, LABORED BREATHING, MODERATELY UNDERWEIGHT. ANIMAL TRANSFERRED TO REHAB FACILITY, OUTCOME UNKNOWN.	SI	P1	NA	0	1
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	NA	1	1
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	NA	0	1
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	NA	1	1
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	NA	1	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	3	30	HOOK AND LINE FISHERY	ORANGE	CA	SI	HOOK IN RIGHT FRONT FLIPPER	NSI	P5D	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	1	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	MALNOURISHED, HOOK THROUGH TONGUE	SI	P5A	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	5	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	MALNOURISHED 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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	6	SHOOTING	SAN DIEGO	CA	SI	MALNOURISHED ANIMAL MISSING BOTH EYES. RADIOGRAPH REVEALED BULLET IN HEAD.	SI	P12	NA	0	1
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	NA	0	1

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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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	8	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	NA	1	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2014	4	11	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	MALNOURISHED ANIMAL WITH HOOK IN SHOULDER. TREATED AT REHAB FACILITY, OUTCOME UNKNOWN.	SI	P5C	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	11	HOOK AND LINE FISHERY	LOS ANGELES	CA	SI	MALNOURISHED AND CONGESTED ANIMAL WITH FISH HOOK IN RIGHT REAR FLIPPER. TREATED AT REHAB, OUTCOME UNKNOWN.	SI	P5C	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	12	HOOK AND LINE FISHERY	ORANGE	CA	SI	MALNOURISHED AND DEHYDRATED ANIMAL WITH FISH HOOK IN LEFT REAR FLIPPER. TREATED AT REHAB, OUTCOME UNKNOWN	SI	P5C	NA	0	1
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	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	13	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	4	16	SHOOTING	LOS ANGELES	CA	SI	GUNSHOT WOUNDS TO HEAD; PNEUMONIA; MALNUTRITION. TREATED IN REHAB, OUTCOME UNKNOWN.	SI	P12	NA	0	1
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	NA	0	1
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	NA	0	1
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 CONDITON.	NSI	P7B	NA	0	0
CALIFORNIA SEA LION	U.S.	2014	4	20	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	FISH HOOK IN MOUTH	SI	P5A	NA	0	1
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	NA	0	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	22	HOOK AND LINE FISHERY	SAN DIEGO	CA	SI	MALNOURISED 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	NA	0	1
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	NA	0	1
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. MALNOURISHED AND DEEP CUT FROM FISHING LINE. FINAL OUTCOME UNKNOWN.	SI	P1	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	28	SHOOTING	CLATSOP	OR	DEAD	BULLETS RETRIEVED	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	28	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES IN SKULL AND BODY	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	4	28	OIL / TAR	MONTEREY	CA	SI	EMACIATED AND LETHARGIC ANIMAL WITH OIL/TAR ON BODY	SI	P1	NA	0	1
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	NA	0	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
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, HEALTH FAILURE.	DEAD	NA	NA	NA	1
CALIFORNIA SEA LION	U.S.	2014	5	1	GILLNET FISHERY	LOS ANGELES	CA	SI	SEVERE GILL NET INJURY; MALNUTRITION.	SI	P1	NA	1	1
CALIFORNIA SEA LION	U.S.	2014	5	1	GILLNET FISHERY	MONTEREY	CA	NSI	GOOD BODY CONDITION, MONOFILAMENT NET ENTANGLEMENT	NSI	P1	NA	0	0
CALIFORNIA SEA LION	U.S.	2014	5	4	SHOOTING	GRAYS HARBOR	WA	DEAD	LARGE PELLET RECOVERED FROM SKULL, ASSOCIATED HEMORRHAGE.	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	0	1
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 MALNOURISHED AND INJURED LEFT EYE External Exam	NSI	P5C	NA	0	0
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	5	11	SHOOTING	MONTEREY	CA	DEAD	BULLET HOLE / INJURY IN BACK	DEAD	P12	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	5	18	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2014	5	19	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES, EXTENSIVE HEMORRHAGE.	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2014	5	26	ENTRAPMENT	SANTA BARBARA	CA	DEAD	DROWNED. WAS TRAPPED UNDER POOL GRATE.	DEAD	NA	NA	1	1
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	NA	0	0
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	NA	1	1
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	NA	1	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2014	5	31	SHOOTING	CLACKAMAS	OR	DEAD	BULLET HOLES, HEMORRHAGE.	DEAD	NA	NA	0	1
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	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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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	NA	0	1
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	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	6	23	SHOOTING	PACIFIC	WA	DEAD	OBVIOUS BULLET HOLES	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	7	25	GILLNET FISHERY	VENTURA	CA	SI	ANIMAL WITH NETTING AROUND NECK. REHAB, FINAL OUTCOME UNKNOWN.	SI	P8A	NA	1	1
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	NA	0	1
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	NA	1	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
CALIFORNIA SEA LION	U.S.	2014	8	23	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	NA	1	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2014	8	26	VESSEL STRIKE	MONTEREY	CA	DEAD	PROPELLER STRIKE TO HEAD, DEEP GASH.	DEAD	NA	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	9	1	SHOOTING	PACIFIC	WA	DEAD	BULLET HOLES, HEMORRHAGE.	DEAD	NA	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	9	8	SHOOTING	SAN MATEO	CA	DEAD	TWO BULLET ENTRY WOUNDS ON RIGHT SHOULDER AREA.	DEAD	NA	NA	0	1

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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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	9	15	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2014	9	18	SHOOTING	CURRY	OR	DEAD	MULTIPLE HEAD AND TORSO GUNSHOT WOUNDS, PELLETS COLLECTED.	DEAD	NA	NA	0	1
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	NA	1	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	9	27	SHORESIDE HAKE MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED BY GEAR	DEAD	NA	NA	1	1
CALIFORNIA SEA LION	U.S.	2014	10	3	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	10	18	SHOOTING	SAN DIEGO	CA	SI	XRAYS TAKEN SHOWED BULLET TRACK. BUCK SHOT IN ABDOMEN AND 2 BULLETS IN BACK.	SI	P12	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	1	1
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	NA	1	1
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	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	10	27	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED IN GEAR	DEAD	NA	NA	NA	1
CALIFORNIA SEA LION	U.S.	2014	10	29	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED IN GEAR	DEAD	NA	NA	NA	1
CALIFORNIA SEA LION	U.S.	2014	11	3	CATCHER PROCESSOR MIDWATER TRAWL	OFFSHORE	OR	DEAD	KILLED IN GEAR	DEAD	NA	NA	NA	1
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	NA	1	1
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	NA	1	1
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	NA	1	1
CALIFORNIA SEA LION	U.S.	2014	11	6	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED BY GEAR	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	11	19	MARINE DEBRIS	GRAYS HARBOR	WA	SI	CONSTRICTING ENTANGLEMENT AROUND NECK, MATERIAL UNKNOWN. PHOTO REVIEWED.	SI	P8A	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	11	25	SHOOTING	CLATSOP	OR	DEAD	BULLET HOLES, HEMORRHAGE.	DEAD	NA	NA	0	1

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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	NA	0	0
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	12	12	MARINE DEBRIS	MONTEREY	CA	SI	LACERATION AROUND NECK, EMACIATED.	SI	P8A	NA	0	1
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	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	12	24	MARINE DEBRIS	CLATSOP	OR	SI	CONSTRICTING ENTANGLEMENT AROUND NECK, UNKNOWN MATERIAL. PHOTO REVIEWED.	SI	P8A	NA	0	1
CALIFORNIA SEA LION	U.S.	2014	12	25	SHOOTING	PACIFIC	WA	DEAD	SHOT IN HEAD, PELLET HOLES, BROKEN BONES, HEMORRHAGE.	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	0
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	1	18	GILLNET FISHERY	LOS ANGELES	CA	DEAD	FLUKES CUT OFF	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	1	20	GILLNET FISHERY	LOS ANGELES	CA	DEAD	MISSING FLUKE, CUT OFF	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	2	18	GILLNET FISHERY	LOS ANGELES	CA	DEAD	10 EVENLY-SPACED DIAGONAL SCARS ON LEFT SIDE, CUTTING SLIGHTLY INTO BLUBBER	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	2	19	GILLNET FISHERY	LOS ANGELES	CA	DEAD	FLUKE MISSING	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	4	16	GILLNET FISHERY	SAN DIEGO	CA	DEAD	TAIL STOCK CUT OFF	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	6	21	GILLNET FISHERY	VENTURA	CA	DEAD	PEDUNCLE CLEANLY CUT	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	7	17	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	SEVERAL KNIFE SLASHES ON BODY	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	7	19	GILLNET FISHERY	SAN DIEGO	CA	DEAD	CROSS-HATCH INDENTATIONS ALONG RIGHT AND LEFT LATERAL ASPECTS OF BODY. LINE INDENTATIONS ALONG THE DORSAL FIN. BROKEN TEETH IN THE JAW.	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	9	5	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2010	11	19	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	4	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	4	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	4	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	3	7	UNDERWATER DETONATION EXERCISES	SAN DIEGO	CA	DEAD	SEE DANIL AND ST LEGER 2011	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	4	10	MARINE DEBRIS	SAN DIEGO	CA	DEAD	CHEETOS BAG LODGED IN ESOPHAGUS	DEAD	NA	NA	0	1
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	NA	1	1
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	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	7	8	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	FRESH DEAD, GAFF MARK IN CORNER OF MOUTH	DEAD	NA	NA	0	1

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COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	7	14	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	CUT HALF WAY THROUGH DORSAL FIN	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	7	23	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	RED ROPE TIED AROUND BASE OF FLUKE	DEAD	NA	NA	0	1
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	NA	1	1
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	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	9	17	GILLNET FISHERY	VENTURA	CA	DEAD	FLUKES CLEANLY CUT OFF	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	9	28	GILLNET FISHERY	VENTURA	CA	DEAD	FLUKES CLEANLY CUT OFF	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2011	11	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
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 PERIORTAL HEPATITIS.	DEAD	S8A	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	7	30	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	LINE MARKS AROUND ROSTRUM/MOUTH	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	8	9	HOOK AND LINE FISHERY	VENTURA	CA	DEAD	FISHING LINE AROUND FLUKES	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	8	10	UNIDENTIFIED FISHERY INTERACTION	VENTURA	CA	DEAD	LINE WRAPPED AROUND PEDUNCLE AND TAIL	DEAD	NA	NA	0	1
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	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2012	12	17	GILLNET FISHERY	SAN DIEGO	CA	DEAD	SEVERED FLUKES.	DEAD	NA	NA	1	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	2	15	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	DEAD	ANIMAL ENTANGLED IN MONOFILAMENT LINE.	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	3	3	UNIDENTIFIED HUMAN INTERACTION	LOS ANGELES	CA	DEAD	ANIMAL CUT IN HALF.	DEAD	NA	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	3	13	GILLNET FISHERY	VENTURA	CA	DEAD	LEFT FLUKE CLEANLY CUT OFF.	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
COMMON DOLPHIN, LONG-BEAKED	CALIFORNIA	2013	5	10	GILLNET FISHERY	0.5 MI N OF PIER	CA	DEAD	FLUKE CUT OFF, NET MARKS ON ANIMAL.	DEAD	NA	NA	1	1

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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	NA	1	1
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	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2010	9	18	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2010	9	18	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2010	12	5	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2011	10	14	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2011	12	4	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2012	1	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2012	1	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2012	11	5	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2012	11	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2012	11	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2013	11	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2013	11	8	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2013	11	21	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2013	11	24	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2013	11	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2013	12	10	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2014	1	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2014	1	15	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	1	1
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	NA	1	1
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	NA	1	1
COMMON DOLPHIN, SHORT-BEAKED	CA/OR/WA	2014	12	17	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
DALL'S PORPOISE	CA/OR/WA	2014	11	10	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
FIN WHALE	CA/OR/WA	2010	9	16	VESSEL STRIKE	ALAMEDA	CA	DEAD	ANIMAL BROUGHT INTO PORT OF OAKLAND IMPINGED ON BOW OF SHIP	DEAD	NA	NA	0	1
FIN WHALE	CA/OR/WA	2010	9	20	VESSEL STRIKE	SAN FRANCISCO	CA	DEAD	BROKEN VERTEBRAE, LINEAR LACERATION	DEAD	NA	NA	0	1
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	0	1
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	NA	NA	0	1
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	NA	NA	0	1
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	NA	NA	0	1
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	NA	NA	0	1
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	NA	NA	0	1

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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	NA	NA	0	1
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	NA	NA	0	1
GRAY WHALE	EASTERN N PACIFIC	2010	2	1	HARPOON	HUMBOLDT	CA	DEAD	40 CENTIMETER LONG HARPOON & 8 CENTIMETER LONG BROKEN TOGGLE HEAD FROM 2ND HARPOON EMBEDDED IN LEFT LATERAL/DORSAL SIDE JUST BELOW DORSAL HUMP, HARPOON ATTACHED TO 10 METERS OF ROPE.	DEAD	NA	NA	0	1
GRAY WHALE	EASTERN N PACIFIC	2010	2	16	VESSEL STRIKE	SAN DIEGO	CA	SI (PRORATE)	FREE-SWIMMING ANIMAL WITH PROPELLER-LIKE WOUNDS TO DORSUM.	SI (PRORATE)	L11	0.52	0	1
GRAY WHALE	EASTERN N PACIFIC	2010	3	5	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI	TOWING ORANGE/WHITE BUOY; AMOUNT OF ASSOCIATED GEAR UNKNOWN. UNIDENTIFIED FISHERY. NO RESCUE EFFORT INITIATED; NO RESIGHTINGS REPORTED; FINAL STATUS UNKNOWN.	SI	L10	0.75	0	1
GRAY WHALE	EASTERN N PACIFIC	2010	3	12	VESSEL STRIKE	SANTA BARBARA	CA	SI	21 METER SAILBOAT UNDERWAY AT 13 KTS COLLIDED WITH FREE-SWIMMING ANIMAL; WHALE BREACHED SHORTLY AFTER COLLISION; NO BLOOD OBSERVED IN WATER; MINOR DAMAGE TO LOWER PORTION OF BOAT'S KEEL; FINAL STATUS UNKNOWN.	SI	L6A	1	0	1
GRAY WHALE	EASTERN N PACIFIC	2010	4	16	CRAB POT FISHERY	CLATSOP	OR	DEAD	ENTANGLED IN CRAB POT LINES, LENGTH OF GEAR UNKNOWN.	DEAD	NA	NA	1	1
GRAY WHALE	EASTERN N PACIFIC	2010	5	7	CRAB POT FISHERY	LINCOLN	OR	SI (PRORATE)	ENTANGLED IN 3 CRAB POTS, WHALE NOT RELOCATED.	SI (PRORATE)	L10	0.75	1	1
GRAY WHALE	EASTERN N PACIFIC	2010	5	11	GILLNET FISHERY	ORANGE	CA	SI	FREE-SWIMMING ANIMAL ENTANGLED IN GILLNET; ANIMAL FIRST OBSERVED INSIDE DANA POINT HARBOR ON 5/11/10; ANIMAL SUCCESSFULLY DISENTANGLED ON 5/12/10 & SWAM OUT OF HARBOR; ANIMAL OBSERVED ALIVE IN SURF ZONE FOR SEVERAL HOURS ON 5/14/10 OFF DOHENY STATE BEACH BEFORE WASHING UP DEAD ON BEACH.	DEAD	NA	NA	1	1
GRAY WHALE	EASTERN N PACIFIC	2010	8	17	CRAB POT FISHERY	MENDOCINO	CA	SI	1.5 OFFSHORE NAVARRO RIVER: CRAB POT LINE SPIRALED AROUND ANIMAL FROM HEAD TO FLUKES, TRAILING 20 FEET OF LINE ATTACHED TO CRAB POT; PECTORAL FIN SEVERED, ONLY NECROTIC TISSUE REMAINING. FREE-SWIMMING, BREACHING, MAKING SHALLOW DIVES; SUCCESSFUL DISENTANGLEMENT. INJURY DESIGNATED AS SERIOUS DUE TO MISSING PECTORAL FIN.	SI	L2	1	1	1
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	0	1

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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	0	1
GRAY WHALE	EASTERN N PACIFIC	2011	4	18	VESSEL STRIKE	SAN FRANCISCO	CA	DEAD	CRUSHED MANDIBLE	DEAD	NA	NA	0	1
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	NA	0	1
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	0	1
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	0	0
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	0	1
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	1	1
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	NA	1	0

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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	1	1
GRAY WHALE	EASTERN N PACIFIC	2012	1	22	MARINE DEBRIS	PACIFIC	WA	DEAD	POSSIBLE ENTANGLEMENT, DEEP CABLE-LIKE INDENTATION AROUND GENITAL AREA.	DEAD	NA	NA	0	1
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	0	1
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	NA	1	1
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	NA	0	0
GRAY WHALE	EASTERN N PACIFIC	2012	4	17	UNIDENTIFIED FISHERY INTERACTION	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	0	1
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	NA	0	1
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	0	1
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	0	1
GRAY WHALE	EASTERN N PACIFIC	2012	5	8	DUNGENESS CRAB POT FISHERY	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	1	1

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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	NA	1	0
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	NA	0	1
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	1	1
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	1	1
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	0	1
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	1	1
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	1	1
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	1	1
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	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	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	1	1
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	1	1
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	0	1
GRAY WHALE	EASTERN N PACIFIC	2013	4	18	DUNGENESS CRAB POT FISHERY	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	NA	0	0
GRAY WHALE	EASTERN N PACIFIC	2013	5	6	CRAB POT FISHERY	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	1	1
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	NA	1	1
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	NA	1	1
GRAY WHALE	EASTERN N PACIFIC/PCFG	2013	6	27	DUNGENESS CRAB POT FISHERY	CURRY	OR	DEAD	ENTANGLED TO GEAR AT PEDUNCLE AND RIGHT PECTORAL; CRAB POT TAG NUMBER IDENTIFIED AS DUNGENESS CRAB POT GEAR.	DEAD	NA	NA	1	1
GRAY WHALE	EASTERN N PACIFIC	2013	7	16	DUNGENESS CRAB POT FISHERY	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	NA	1	1
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	NA	0	1
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	NA	0	0
GRAY WHALE	EASTERN N PACIFIC	2013	10	23	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	0	1
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	0	1

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GRAY WHALE	EASTERN N PACIFIC	2014	5	27	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	CURRY	OR	SI (PRORATE)	ENTANGLED GRAY WHALE WAS SIGHTED GOLD BEACH RESIDENT, 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	1	1
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	1	1
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	0	1
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. SERIOUS INJURY BECAUSE OF REMAINING GEAR ON ANIMAL.	SI	L2	NA	1	1
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	0	1
GUADALUPE FUR SEAL	MEXICO	2010	1	16	MARINE DEBRIS	LOS ANGELES	CA	SI	ANIMAL DIED IN REHAB	DEAD	NA	NA	0	1
GUADALUPE FUR SEAL	MEXICO	2010	6	14	GILLNET FISHERY	PACIFIC	WA	DEAD	HEAD ENTANGLED IN NETTING.	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
GUADALUPE FUR SEAL	MEXICO	2011	7	1	MARINE DEBRIS	GRAYS HARBOR	WA	DEAD	NO DETAILS GIVEN.	DEAD	NA	NA	0	1
GUADALUPE FUR SEAL	MEXICO	2011	7	18	GILLNET FISHERY	JEFFERSON	WA	DEAD	CUTS ON ANIMAL SUGGESTIVE OF ENTANGLING NET FISHERY INTERACTION.	DEAD	NA	NA	1	1

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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	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	1	1
HARBOR PORPOISE	N OREGON/WA COAST	2010	1	4	UNIDENTIFIED FISHERY INTERACTION	CLALLAM	WA	DEAD	CARCASS; POSSIBLE ENTANGLEMENT INJURIES ON LOWER JAW WITH CORRESPONDING HEMORRHAGE; INTERNAL EVIDENCE OF DROWNING.	DEAD	NA	NA	0	1
HARBOR PORPOISE	N OREGON/WA COAST	2010	2	23	UNIDENTIFIED NET FISHERY	GRAYS HARBOR	WA	DEAD	CARCASS. GOOD BODY CONDITION. TWO ENTANGLEMENT SCARS ON TAILSTOCK WITH HEMORRHAGE UNDERNEATH.	DEAD	NA	NA	0	1
HARBOR PORPOISE	N OREGON/WA COAST	2010	7	4	UNIDENTIFIED NET FISHERY	CLATSOP	OR	DEAD	CARCASS; LINE MARKS ON FLIPPERS AND ALONG RIGHT SIDE; RIB MARKS ON LUNGS; BLOODY FOAM FROM BLOWHOLE; BLOOD IN ABDOMINAL CAVITY.	DEAD	NA	NA	0	1
HARBOR PORPOISE	N OREGON/WA COAST	2010	7	10	UNIDENTIFIED NET FISHERY	CLATSOP	OR	DEAD	CARCASS; FISHING LINE/NET MARKS ON FIN AND FLUKE EDGES; BLOOD IN PERICARDIUM AND THORACIC AND ABDOMINAL CAVITIES.	DEAD	NA	NA	0	1
HARBOR PORPOISE	WA INLAND WATERS	2010	10	17	UNIDENTIFIED NET FISHERY	KITSAP	WA	DEAD	CALF CARCASS FOUND ON BEACH 2 DAYS AFTER LACTATING ADULT FEMALE HARBOR PORPOISE STRANDED APPROXIMATELY 3 MILES NORTH. TWO LINE SCARS AROUND HEAD AT GAPE.	DEAD	NA	NA	0	1
HARBOR PORPOISE	WA INLAND WATERS N CALIFORNIA/S OREGON	2010	10	21	UNIDENTIFIED NET FISHERY	KITSAP	WA	DEAD	CARCASS; NUMEROUS ENTANGLEMENT SCARS, IMPRESSIONS AND LACERATIONS, WITH ASSOCIATED HEMORRHAGE	DEAD	NA	NA	0	1
HARBOR PORPOISE	N OREGON/WA COAST	2011	1	2	VESSEL STRIKE	LINCOLN	OR	DEAD	CARCASS; RIGHT LOBE OF FLUKE CUT OFF CLEANLY; OTHER LACERATIONS INDICATE PROPELLER WOUNDS	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	1

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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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
HARBOR PORPOISE	WA 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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
HARBOR PORPOISE	WA INLAND WATERS	2012	10	31	GILLNET FISHERY	KITSAP	WA	DEAD	CARCASS; ENTANGLED IN FREE-FLOATING GILLNET	DEAD	NA	NA	1	1
HARBOR PORPOISE	WA 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	NA	1	1
HARBOR PORPOISE	WA INLAND WATERS	2012	11	1	GILLNET FISHERY	SAN JUAN	WA	DEAD	CARCASS; OBSERVED ENTANGLEMENT IN GILLNET FISHERY	DEAD	NA	NA	1	1
HARBOR PORPOISE	WA 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	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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 PORPOISE	WA 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	NA	0	1
HARBOR PORPOISE	WA 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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
HARBOR PORPOISE	MORRO BAY	2013	8	30	UNIDENTIFIED NET FISHERY	SAN DIEGO	CA	DEAD	ENTANGLEMENT SCAR.	DEAD	NA	NA	0	1
HARBOR PORPOISE	WA 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	NA	1	1
HARBOR PORPOISE	WA INLAND WATERS	2014	1	3	FISHERY INTERACTION	JEFFERSON	WA	DEAD	A DEAD HARBOR PORPOISE WAS FOUND. A NECROPSY REVEALED IMPRESSIONS CONSISTENT WITH NET ENTANGLEMENT ON THE ANIMAL.	DEAD	NA	NA	1	1
HARBOR PORPOISE	N OREGON / WA COAST	2014	5	16	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	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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 PORPOISE	N OREGON / WA COAST	2014	5	16	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	NA	1	1
HARBOR PORPOISE	N OREGON / WA COAST	2014	5	19	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	NA	1	1
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	NA	0	1
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	NA	0	1
HARBOR PORPOISE	WA INLAND WATERS	2014	9	21	UNIDENTIFIED NET FISHERY	ISLAND	WA	DEAD	MONOFILAMENT IMPRESSIONS AROUND THE HEAD AND ROSTRUM.	DEAD	NA	NA	0	1
HARBOR PORPOISE	N OREGON / WA COAST	2014	11	5	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	NA	1	1
HARBOR SEAL	S PUGET SOUND	2010	1	17	SHOOTING	PIERCE	WA	DEAD	CARCASS; PENETRATING TRACKING WOUND IN NECK; LOTS OF HEMORRHAGING; BONE FRAGMENTS NEAR TRACKING WOUND; STOMACH FULL OF FISH	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	1	20	HOOK AND LINE FISHERY	MARIN	CA	DEAD	HOOK WITH 116 CENTIMETERS OF ATTACHED LINE & SINKERS IN PYLORUS; PERITONITIS; GASTRITIS	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	1	25	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	1	26	HUMAN-INDUCED ABANDONMENT	SAN DIEGO	CA	SI	PUP AND MOTHER SEPARATED DUE TO PUBLIC INTRUSION OF BEACH ROOKERY. ANIMAL RELEASED FROM REHAB.	NSI	P14	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2010	1	26	UNIDENTIFIED NET FISHERY	KITSAP	WA	DEAD	DEAD SEAL FOUND IN DERELICT NET	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2010	2	19	GILLNET FISHERY	KITSAP	WA	DEAD	MUMMIFIED/SKELETAL SEAL FOUND IN DERELICT GILLNET	DEAD	NA	NA	1	1
HARBOR SEAL	CALIFORNIA	2010	2	20	HUMAN-INDUCED ABANDONMENT	SAN DIEGO	CA	SI	PUP AND MOTHER SEPARATED DUE TO PUBLIC INTRUSION OF BEACH ROOKERY. ANIMAL EUTHANIZED IN REHAB.	DEAD	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	3	12	MARINE DEBRIS	ORANGE	CA	SI	VOMITED PLASTIC WRAPPER. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P2	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	3	18	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	3	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	SI	ADULT WITH PUP FOUND IN COOLING STATION WATER SYSTEM, PUP RELEASED TO BEACH.	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	3	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ADULT WAS GOING TO BE RELEASED, BUT DIED IN TRANSIT TO SAN ONOFRE BEACH.	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	3	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	IMMEDIATELY RELEASED AT SITE	NSI	P9	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	3	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	IMMEDIATELY RELEASED AT SITE	NSI	P9	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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HARBOR SEAL	CALIFORNIA	2010	3	30	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
HARBOR SEAL	CALIFORNIA	2010	4	5	HUMAN-INDUCED ABANDONMENT	SAN LUIS OBISPO	CA	SI	PUBLIC NETTED PUP. IN NET ALONGSIDE DOCK WHEN RESPONDERS ARRIVED. ANIMAL RELOCATED. UNKNOWN IF PUP REUNITED WITH MOTHER.	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	4	8	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	SAN ONOFRE POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	4	9	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
HARBOR SEAL	CALIFORNIA	2010	4	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	4	14	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	4	17	HOOK AND LINE FISHERY	SAN DIEGO	CA	NSI	HARBOR SEAL HAD A FISHING LURE IN LEFT FLIPPER WITH MONOFILAMENT LINE, A PIECE OF A LOBSTER TRAP AND A HOLDFAST FROM KELP. ONCE THESE ITEMS WERE SUCCESSFULLY REMOVED THE ANIMAL WAS RELEASED ON SITE. THE ANIMAL WAS IN GOOD BODY CONDITION.	NSI	P5C	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	4	19	HUMAN-INDUCED ABANDONMENT	MARIN	CA	SI	PUP SEPARATED FROM MOTHER, TRANSPORTED AWAY FROM BEACH BY MEMBERS OF PUBLIC, DIED DURING TRANSPORT BACK TO BEACH	DEAD	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	4	28	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM, IMMEDIATELY RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	OR/WA COAST	2010	5	1	HOOK AND LINE FISHERY	GRAYS HARBOR	WA	DEAD	CARCASS; FISH HOOK AT BASE OF STOMACH	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	6	5	CA HALIBUT AND WHITE SEABASS SET GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
HARBOR SEAL	CALIFORNIA	2010	6	30	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	DEAD	WOUNDS FROM LINE EMBEDDED IN NECK (LINE NOT PRESENT)	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	7	3	STAB WOUNDS	SANTA BARBARA	CA	DEAD	SHORT METAL SHANK SPEAR WAS LODGED SIDEWAYS IN THE ANIMAL WITH ABOUT 18" OF CABLE HANGING OUT OF THE ANIMAL	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2010	7	25	HOOK AND LINE FISHERY	KITSAP	WA	SI	LIVE PUP (ATTENDED BY FEMALE) WITH MONOFILAMENT LINE AROUND ITS NECK; ATTEMPTED TO CAPTURE USING SAFE BOAT BUT ANIMAL WENT INTO WATER.	SI	P8A	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2010	8	2	UNIDENTIFIED NET FISHERY	SAN JUAN	WA	DEAD	MUMMIFIED SKELETAL SEAL FOUND IN GHOST NET	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2010	8	16	VESSEL STRIKE	SAN JUAN	WA	DEAD	OBVIOUS PROPELLER WOUNDS ON FACE AND UPPER BODY, INCLUDING 3-CM LACERATION ON LEFT VENTRAL NECK AREA, 3.5 CM DEEP; 8.5-CM LACERATIONS THROUGH LOWER MANDIBLE, ACROSS ROSTRUM, AND INTO UPPER PALATE.	DEAD	NA	NA	0	1
HARBOR SEAL	S PUGET SOUND	2010	8	23	SHOOTING	MASON	WA	DEAD	BULLET FOUND IN SKULL; TRACK THROUGH RIGHT EYE SOCKET AND INTO NASAL CAVITY; BULLET FRAGMENTS SEEN IN RIGHT NASAL CAVITY VIA RADIOGRAPHS.	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2010	8	24	UNIDENTIFIED NET FISHERY	WHATCOM	WA	DEAD	FRESH DEAD PUP, BLEEDING FROM NOSE AND MOUTH, FOUND IN FISHING NET; DROWNED	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	8	29	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2010	9	1	HOOK AND LINE FISHERY	KING	WA	SI	FOUR FISH HOOKS IN ANIMAL (ONE ABOVE LEFT EYE, TWO IN LOWER LIP, AND ONE IN FORE FLIPPER) AND LACERATIONS ON HIND FLIPPERS; ANIMAL CAPTURED, HOOKS REMOVED, AND RELEASED; ALL HOOKS EASY TO REMOVE EXCEPT IN FLIPPER.	NSI	P5C	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	9	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2010	9	7	SHOOTING	WHATCOM	WA	DEAD	CARCASS; TRACKING WOUND THROUGH SKULL	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA COAST	2010	9	10	NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	CLALLAM	WA	DEAD	TRIBAL OBSERVER PROGRAM	DEAD	NA	NA	1	1

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HARBOR SEAL	OR/WA COAST	2010	9	10	NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	CLALLAM	WA	DEAD	TRIBAL OBSERVER PROGRAM	DEAD	NA	NA	1	1
HARBOR SEAL	OR/WA COAST	2010	9	10	NORTHERN WASHINGTON MARINE SET GILLNET FISHERY, TRIBAL	CLALLAM	WA	DEAD	TRIBAL OBSERVER PROGRAM	DEAD	NA	NA	1	1
HARBOR SEAL	CALIFORNIA	2010	9	15	UNIDENTIFIED FISHERY INTERACTION	SAN DIEGO	CA	SI	DEEP ENTANGLEMENT-LIKE LACERATIONS AROUND NECK. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P7B	NA	0	0
HARBOR SEAL	OR/WA COAST	2010	9	28	SHOOTING	PACIFIC	WA	DEAD	ENTRY WOUND THROUGH RIGHT EYE; BULLET RETRIEVED FROM LEFT SIDE OF BACK OF SKULL, PROBABLE EXIT WOUND	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA COAST	2010	11	11	SHOOTING	TILLAMOOK	OR	SI	TWO CLEAR (BULLET) POINTS OF ENTRY INTO HEAD, EACH 0.4 CM IN DIAMETER, WITH ASSOCIATED TREMENDOUS HEMORRHAGE, CLOTTED BLOOD, AND BROKEN BONES (E.G. BULLA AND MASTOID PROCESS); EUTHANIZED AT SITE	DEAD	P9	NA	0	1
HARBOR SEAL	CALIFORNIA	2010	12	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	CALIFORNIA	2010	12	4	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	S PUGET SOUND	2010	12	21	NON-FISHERY ENTANGLEMENT	THURSTON	WA	DEAD	REPORTED BY DIVE TEAM WHILE CUTTING PILINGS UNDERWATER AS PART OF THE DNR WOODARD BAY RESTORATION PROJECT. THE SEAL WAS ENTANGLED IN A LINE THAT WAS ATTACHED TO A BUOY MARKING A BROKEN PILE. THE BUOY AND LINE WERE ATTACHED.	DEAD	NA	NA	NA	1
HARBOR SEAL	CALIFORNIA	2010	12	28	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL RELEASED ON SITE	NSI	P9	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2011	3	22	MARINE DEBRIS	KITSAP	WA	SI	LIVE ANIMAL WITH ROPE OR LINE AROUND NECK AND TOP OF HEAD.	SI	P8A	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	4	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	POWER PLANT ENTRAINMENT	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	4	21	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	POWER PLANT ENTRAINMENT, ANIMAL CAPTURED AND RELEASED	NSI	P9	NA	0	0
HARBOR SEAL	CALIFORNIA	2011	4	25	SHOOTING	MARIN	CA	DEAD	NECROPSY PERFORMED	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	4	29	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	OR/WA COAST	2011	5	19	HOOK AND LINE FISHERY	LINCOLN	OR	SI	FISH HOOK IN MOUTH; ANIMAL CAPTURED; HOOK REMOVED, AND RELEASED	NSI	P5C	NA	0	0
HARBOR SEAL	CALIFORNIA	2011	5	29	HUMAN-INDUCED ABANDONMENT	MENDOCINO	CA	SI	DEPENDENT PUP ILLEGALLY REMOVED FROM BEACH. DIED DURING TRANSPORT BACK TO BEACH.	DEAD	P14	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	6	4	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	NA	0	0
HARBOR SEAL	CALIFORNIA	2011	6	7	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ANIMAL CAUGHT AND RELEASED FROM COOLING WATER INTAKE AREA	NSI	P9	NA	0	0
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	NA	1	1
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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1

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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
HARBOR SEAL	WA N INLAND WATERS	2011	7	15	HOOK AND LINE FISHERY	WHATCOM	WA	DEAD	CARCASS FOUND WITH HOOK THROUGH LIP	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	7	26	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN POWER PLANT COOLING WATER SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA COAST	2011	8	1	DOG ATTACK	LINCOLN	OR	SI	LIVE PUP REPORTEDLY ATTACKED BY THREE DOGS	DEAD	P9	NA	0	1
HARBOR SEAL	OR/WA COAST	2011	8	1	SCIENTIFIC RESEARCH	TILLAMOOK	OR	DEAD	CARCASS; CAUGHT ON HOOK OF IPHC (INTERNATIONAL PACIFIC HALIBUT COMMISSION) LONGLINE GEAR	DEAD	NA	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	8	29	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2011	9	5	HOOK AND LINE FISHERY	KING	WA	NSI	FISH HOOK IN FACE	NSI	P5B	NA	0	0
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	9	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	NSI	P9	NA	0	0
HARBOR SEAL	S 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2011	9	19	GILLNET FISHERY, TRIBAL	KING	WA	NSI	LIVE ENTANGLEMENT IN TRIBAL FISHING NET; ANIMAL DISENTANGLED AND RELEASED	NSI	P7B	NA	0	0
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2011	9	25	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	NSI	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	NSI	P9	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2011	9	29	GILLNET FISHERY	KITSAP	WA	DEAD	ENTRAINMENT INTO POWER PLANT STATION COOLING WATER SYSTEM	DEAD	NA	NA	1	1
HARBOR SEAL	CALIFORNIA	2011	10	14	GILLNET FISHERY	SAN DIEGO	CA	SI	ADULT HARBOR SEAL WITH FISHING NET DEEPLY CUTTING INTO NECK.	SI	P8A	NA	1	1
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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	1	1
HARBOR SEAL	OR/WA 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	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	2011	11	11	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ENTRAINMENT INTO POWER GENERATING STATION; ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	HOOD CANAL	2011	11	20	GILLNET FISHERY, TRIBAL	MASON	WA	DEAD	REPORTED TO NOAA BY TRIBE AS KILLED IN GILLNET	DEAD	NA	NA	1	1
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	NA	0	0
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	NA	0	0
HARBOR SEAL	S 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2012	1	22	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
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	NA	0	1
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	NA	0	1
HARBOR SEAL	CALIFORNIA	2012	2	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2012	3	3	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA COAST	2012	3	10	SHOOTING	CLATSOP	OR	DEAD	CARCASS; BULLET HOLES AND TRACKS WITH ASSOCIATED HEMORRHAGING	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2012	4	1	HOOK AND LINE FISHERY	KING	WA	DEAD	CARCASS; ENTANGLED IN MONOFILAMENT LINE	DEAD	NA	NA	0	1
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	NA	0	0
HARBOR SEAL	CALIFORNIA	2012	4	5	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
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	NA	0	0
HARBOR SEAL	CALIFORNIA	2012	4	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL FOUND IN POWER PLANT INTAKE SYSTEM	DEAD	NA	NA	0	1
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	NA	0	0
HARBOR SEAL	OR/WA 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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	OR/WA COAST	2012	5	21	CAR 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	NA	0	1
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	NA	0	1
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	NA	0	0
HARBOR SEAL	CALIFORNIA	2012	6	15	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2012	6	18	SHOOTING	ISLAND	WA	DEAD	CARCASS; GUNSHOT TO HEAD, JUST BEHIND EYES; BULLET EXITED ON OTHER SIDE	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
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	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2012	7	8	HUMAN-INDUCED ABANDONMENT	SKAGIT	WA	SI	PUBLIC USE OF BEACH SEPARATED MOTHER AND PUP; PUP DIED	DEAD	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2012	7	13	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2012	7	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	NA	1	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2012	8	12	SHOOTING	WHATCOM	WA	DEAD	CARCASS; ADULT FEMALE WITH MULTIPLE GUNSHOT WOUNDS.	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	S PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	NA	1	1
HARBOR SEAL	S PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	NA	1	1
HARBOR SEAL	S PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	NA	1	1
HARBOR SEAL	S PUGET SOUND	2012	8	18	GILLNET FISHERY, TRIBAL	THURSTON	WA	DEAD	CARCASS; ONE OF FOUR PUPS CAUGHT IN TRIBAL GILLNET	DEAD	NA	NA	1	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	S 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	NA	0	1
HARBOR SEAL	S 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	NA	0	1
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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	OR/WA COAST	2012	9	6	SHOOTING	PACIFIC	WA	DEAD	CARCASS; CLEAR BULLET HOLE IN NECK; SKULL SHATTERED	DEAD	NA	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2012	9	18	VESSEL STRIKE	PIERCE	WA	DEAD	DEAD PUP WITH CURVED WOUNDS AND IMPRESSIONS CONSISTENT WITH PROPELLER INJURIES	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2012	9	20	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	ANIMAL FOUND IN POWER PLANT INTAKE SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2012	9	24	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N 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	NA	1	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N 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	NA	1	1
HARBOR SEAL	WA N 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	NA	1	1
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	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	WA N 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
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	NA	0	0
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	NA	0	0
HARBOR SEAL	CALIFORNIA	2013	2	7	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
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	NA	0	0
HARBOR SEAL	CALIFORNIA	2013	2	25	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	3	9	HUMAN-INDUCED ABANDONMENT	HUMBOLDT	CA	SI	MATERNAL SEPARATION; ILLEGAL PICK UP BY PUBLIC WHO KEPT IT IN BATHTUB FOR UNDISCLOSED AMOUNT OF TIME; FEVER, MALNOURISHED; VOLUNTEERS PUT PUP BACK WHERE IT WAS FOUND; WHEN MOTHER DID NOT RETURN, PUP WAS TRANSFERRED TO REHAB	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	3	12	HUMAN-INDUCED ABANDONMENT	SAN DIEGO	CA	SI	MATERNAL SEPARATION; BROUGHT TO LIFE GUARDS; THIN, DEHYDRATED	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	3	12	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	4	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	4	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	4	6	HUMAN-INDUCED ABANDONMENT	MONTEREY	CA	SI	ILLEGAL PICK UP; MATERNAL SEPARATION; HARASSED; PICKED UP BY PUBLIC, WRAPPED IN TOWEL, AND PLACED ELSEWHERE ON BEACH; EMACIATED	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	4	6	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	OR/WA COAST	2013	4	17	SHOOTING	CLATSTOP	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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	0
HARBOR SEAL	S 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	NA	0	0
HARBOR SEAL	CALIFORNIA	2013	6	25	DOG ATTACK	HUMBOLDT	CA	SI	DOG BITES, NO OTHER DETAILS PROVIDED.	SI	P9	NA	0	1
HARBOR SEAL	S 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	NA	1	1
HARBOR SEAL	S PUGET SOUND	2013	7	1	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	HOOD CANAL	2013	7	1	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	HOOD CANAL	2013	7	4	HUMAN-INDUCED ABANDONMENT	JEFFERSON	WA	SI	ILLEGAL PICKUP; MEMBERS OF PUBLIC REFUSED TO RETURN NEWBORN PUP TO BEACH; MATERNAL SEPARATION	SI	P14	NA	0	1
HARBOR SEAL	S PUGET SOUND	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	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2013	7	13	HARASSMENT	SAN JUAN	WA	NSI	HARASSMENT; MEMBER OF PUBLIC SEEN CLIMBING OUT TO TOUCH SEAL PUP	NSI	P9	NA	0	0
HARBOR SEAL	WA N 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	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2013	7	16	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2013	7	17	HUMAN-INDUCED ABANDONMENT	SAN JUAN	WA	SI	MATERNAL SEPARATION; REPORTS OF PUBLIC HARASSING PUP OVER 2.5 DAYS; RELOCATED TO REHAB	SI	P14	NA	0	1
HARBOR SEAL	HOOD CANAL	2013	7	21	HUMAN-INDUCED ABANDONMENT	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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	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	NA	0	0
HARBOR SEAL	S 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	NA	0	1
HARBOR SEAL	S PUGET SOUND	2013	7	31	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	8	2	POWER PLANT ENTRAINMENT	SAN DIEGO	CA	DEAD	ANIMAL DISCOVERED IN STATION COOLING WATER SYSTEM.	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2013	8	3	HUMAN-INDUCED ABANDONMENT	KING COUNTY	WA	SI	MATERNAL SEPARATION; BOATERS HARASSED PUP; PUP WAS ABANDONED; ANIMAL TRANSFERRED TO REHAB; OUTCOME UNKNOWN.	SI	P14	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2013	8	3	HUMAN-INDUCED ABANDONMENT	KITSAP	WA	SI	PUP EUTHANIZED DUE TO ABANDONMENT AND INFECTION, BUT HARASSMENT MAY HAVE CONTRIBUTED TO ABANDONMENT	DEAD	P14	NA	0	1
HARBOR SEAL	S PUGET SOUND	2013	8	3	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	OR/WA COAST	2013	8	3	SHOOTING	CLATSOP	OR	DEAD	EXCELLENT BODY CONDITION; BULLET HOLES; HEMORRHAGE; BROKEN BONES	DEAD	NA	NA	0	1
HARBOR SEAL	WA N 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	NA	1	1
HARBOR SEAL	WA N INLAND WATERS	2013	8	5	SHOOTING	WHATCOM	WA	DEAD	CARCASS; FRESH DEAD; APPEARED HEALTHY; FOUND BULLET HOLE BUT NO BULLET	DEAD	NA	NA	0	1
HARBOR SEAL	WA N 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	NA	0	0
HARBOR SEAL	S 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2013	8	9	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	S 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2013	8	30	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	OR/WA COAST	2013	9	9	SHOOTING	DOUGLAS	OR	DEAD	ARROW RETRIEVED FROM CARCASS BY NOAA ENFORCEMENT AGENT	DEAD	NA	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	WA N 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2013	9	21	HUMAN-INDUCED ABANDONMENT	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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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 ASSOCIATED 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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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; 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	NA	0	1
HARBOR SEAL	WA N 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	NA	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2013	10	16	HARASSMENT/DOG ATTACK	WHATCOM	WA	SI	PUP HARASSED BY MEMBERS OF THE PUBLIC AND DOGS; PUP HAD EYE INIURY, FEVER, AND PUNCTURE WOUNDS, PROBABLY FROM DOGS	SI	P9	NA	0	1
HARBOR SEAL	CALIFORNIA	2013	10	18	CAR COLLISION	MONTEREY	CA	DEAD	SECOND-HAND REPORT OF ANIMAL STRUCK BY CAR, PARTS COLLECTED.	DEAD	NA	NA	0	1
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	NA	0	0
HARBOR SEAL	OR/WA COAST	2013	11	22	SHOOTING	CURRY	OR	DEAD	WOUND TO FACE AND DAMAGE TO ORBIT STRONGLY SUGGEST GUNSHOT	DEAD	NA	NA	0	1
HARBOR SEAL	OR/WA COAST	2013	12	1	VESSEL STRIKE	LINCOLN	OR	DEAD	LIKELY VESSEL STRIKE OR SHOOTING; FIVE BROKEN RIBS WITH HEMORRHAGE	DEAD	NA	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2013	12	9	ENTRAPMENT	SNOHOMISH	WA	DEAD	FOUND IN TRIBAL HATCHERY CONTAINMENT AREA	DEAD	NA	NA	1	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	S PUGET SOUND	2013	12	24	MARINE DEBRIS	THURSTON	WA	DEAD	FOUND WRAPPED IN ANCHOR LINE OF A BUOY.	DEAD	NA	NA	0	1
HARBOR SEAL	CALIFORNIA	2014	1	26	FISHERY INTERACTION	HUMBOLDT	CA	DEAD	HARBOR SEAL CARCASS WITH HEAD CUT OFF	DEAD	NA	NA	NA	1
HARBOR SEAL	CALIFORNIA	2014	3	2	HUMAN-INDUCED ABANDONMENT	SAN DIEGO	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2014	4	4	HUMAN-INDUCED ABANDONMENT	MONTEREY	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2014	4	7	HUMAN-INDUCED ABANDONMENT	MARIN	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2014	4	15	HUMAN-INDUCED ABANDONMENT	MONTEREY	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	NA	0	1
HARBOR SEAL	CALIFORNIA	2014	4	19	HUMAN-INDUCED ABANDONMENT	MARIN	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	4	25	FISHERY INTERACTION	WHATCOM	WA	DEAD	A MUMMIFIED / SKELETONIZED HARBOR SEAL WAS FOUND ENTANGLED IN DERELICT GILNET GEAR.	DEAD	NA	NA	1	1
HARBOR SEAL	CALIFORNIA	2014	4	25	HUMAN-INDUCED ABANDONMENT	SAN MATEO	CA	SI	NEONATE WITH UMBILICUS ILLEGALLY REMOVED FROM ROOKERY BY MEMBER OF THE PUBLIC	SI	P14	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N 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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	WA N 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	NA	0	1
HARBOR SEAL	CALIFORNIA	2014	5	26	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	NA	NA	1
HARBOR SEAL	CALIFORNIA	2014	5	30	DOG ATTACK	HUMBOLDT	CA	SI	UNDERWEIGHT ANIMAL WITH DOG BITES	SI	P9	NA	0	1
HARBOR SEAL	CALIFORNIA	2014	6	2	DOG ATTACK	HUMBOLDT	CA	SI	UNDERWEIGHT ANIMAL WITH DOG BITES	SI	P9	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	6	12	HARRASSMENT	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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	6	23	HARRASSMENT	WHATCOM	WA	SI	A HARBOR SEAL PUP WAS REPORTED TO BE HARRASSED BY BOATERS, KIDS, AND DOGS. THE ANIMAL EVENTUALLY DIED.	DEAD	NA	NA	0	1
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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	7	3	HARRASSMENT	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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	7	6	HARRASSMENT	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	NA	0	0
HARBOR SEAL	HOOD CANAL	2014	7	9	HARRASSMENT	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	NA	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2014	7	11	HARRASSMENT	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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	7	13	HARRASSMENT	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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	7	16	HARRASSMENT	SKAGIT	WA	NSI	A HARBOR SEAL PUP WAS REPORTEDLY WET WITH A HOSE WHILE HAULED OUT ON A PRIVATE BEACH.	NSI	P9	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2014	7	17	HARRASSMENT	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	NA	0	0
HARBOR SEAL	S PUGET SOUND	2014	7	22	HARRASSMENT	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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	7	22	HARRASSMENT	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	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	WA N INLAND WATERS	2014	7	23	HARRASSMENT	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	NA	0	1
HARBOR SEAL	S PUGET SOUND	2014	7	25	HARRASSMENT	PIERCE	WA	NSI	A HARBOR SEAL PUP WAS REPORTED TO BE ILLEGALLY PICKED UP.	NSI	P9	NA	0	0
HARBOR SEAL	HOOD CANAL	2014	8	8	HARRASSMENT	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	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2014	8	19	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	NA	1	1
HARBOR SEAL	WA N INLAND WATERS	2014	8	19	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	NA	1	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	WA N INLAND WATERS	2014	8	26	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	NA	1	1
HARBOR SEAL	WA N INLAND WATERS	2014	9	3	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	NA	1	1
HARBOR SEAL	WA N 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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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	NA	0	0
HARBOR SEAL	WA N INLAND WATERS	2014	9	29	FISHERY INTERACTION	CLALLAM	WA	DEAD	A HARBOR SEAL WAS FOUND DEAD IN DERELICT GILLNET GEAR.	DEAD	NA	NA	1	1
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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
HARBOR SEAL	OR/WA 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	NA	0	1
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	NA	0	0
HUMPBACK WHALE	CA/OR/WA	2010	5	13	CRAB POT FISHERY	JEFFERSON	WA	SI	JUVENILE HUMPBACK WHALE ENTANGLED FROM HEAD TO FLUKES IN CRAB POT GEAR WITH ORANGE FLOATS SW OF DESTRUCTION ISLAND. VIDEO OF DISENTANGLEMENT ATTEMPT SHOWS WHALE TO BE RELATIVELY IMMOBILE AND UNABLE TO SWIM AND SURFACE NORMALLY, GEAR CONSTRICTING. DISENTANGLEMENT TEAM WAS ABLE TO REMOVE SOME GEAR FROM BODY AND FLUKES, BUT GEAR REMAINED ON FLIPPER. RADIO BEACON ATTACHED TO REMAINING GEAR TO ASSIST IN RELOCATING WHALE FOR ADDITIONAL DISENTANGLEMENT EFFORT. WHALE NOT RELOCATED. GEAR CONFIRMED BY WDFW AS WA COASTAL CRAB POT / TRAP GEAR.	SI	L2	1	1	1
HUMPBACK WHALE	CA/OR/WA	2010	6	19	CRAB POT FISHERY	CLALLAM	WA	SI (PRORATE)	35-40 FT. HUMPBACK WHALE WITH A YELLOW CRAB POT TRAILING BEHIND THE ANIMAL. ANIMAL OBSERVED FOR 15 MINUTES AND MOVING IN A NW DIRECTION AT 2 KNOTS.	SI (PRORATE)	L10	0.75	1	1
HUMPBACK WHALE	CA/OR/WA	2010	7	25	VESSEL STRIKE	MARIN	CA	DEAD	CARCASS WITH PROPELLER WOUNDS OBSERVED FLOATING.	DEAD	NA	NA	0	1
HUMPBACK WHALE	CA/OR/WA	2010	8	2	UNIDENTIFIED NET FISHERY	MONTEREY	CA	SI	GREEN FISH NETTING WRAPPED AROUND THE MID SECTION OF THE ANIMAL, CUTTING INTO THE FLESH. REPORT CAME IN FROM A DIVE BOAT BUT A FISHERMAN SAID THERE WAS SUPPOSEDLY SOME BLUE LINE TOO. THE ENTANGLEMENT DID NOT SEEM TO BE AFFECTING THE WHALE'S ABILITY TO SWIM OR DIVE. NO RESPONSE EFFORT ATTEMPTED. EVIDENCE OF CONSTRICTING GEAR TIGHTLY WRAPPED AROUND ANIMAL.	SI	L2	1	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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HUMPBACK WHALE	CA/OR/WA	2010	8	16	CRAB POT FISHERY	LINCOLN	OR	DEAD	MULTIPLE CRAB BUOYS ATTACHED TO TAIL AND IT APPEARED TO BE ANCHORED BY THEM. CARCASS PHOTOGRAPHED.	DEAD	NA	NA	1	1
HUMPBACK WHALE	CA/OR/WA	2010	8	17	CRAB POT FISHERY	MENDOCINO	CA	SI (PRORATE)	LINES & BUOYS EXTENDING FROM CAUDAL PEDUNCLE; SIGHTING REPORTED BY U.S. COAST GUARD HELICOPTER CREW.	SI (PRORATE)	L10	0.75	1	1
HUMPBACK WHALE	CA/OR/WA	2010	8	23	UNIDENTIFIED FISHERY INTERACTION	HUMBOLDT	CA	SI	ADULT HUMPBACK WHALE WITH AT LEAST 3 TIGHT WRAPS OF MODERATE GAUGE, GREEN LINE AROUND MIDBODY. NO BUOYS OR LINE SEEN TRAILING. ANIMAL HAS LINE SCAR FORWARD ACROSS BODY BEHIND BLOWHOLES. OVERALL CONDITION OF THE ANIMAL IS GOOD. NOT EMACIATED AND NO HEAVY CYAMID LOAD.	SI	L2	1	0	1
HUMPBACK WHALE	CA/OR/WA	2010	8	24	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI (PRORATE)	HUMPBACK WHALE TRAILING RED LINE SEEN DRAPED OVER ITS FLUKES. ENTANGLEMENT LIKELY ORIGINATES FROM MOUTH OR FLIPPER(S). NO BUOYS REPORTED.	SI (PRORATE)	L10	0.75	0	1
HUMPBACK WHALE	CA/OR/WA	2010	8	31	DUNGENESS CRAB POT FISHERY	COOS	OR	DEAD	CARCASS INITIALLY SEEN OFFSHORE, MULTIPLE YELLOW AND RED FLOATS ATTACHED. GEAR WAS IDENTIFIED AS OREGON DUNGENESS CRAB FISHERY GEAR FROM BUOY NUMBERS AFTER ANIMAL CAME ASHORE.	DEAD	NA	NA	1	1
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	NA	0	1
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	1	1
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	0	0
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	1	1
HUMPBACK WHALE	CA/OR/WA	2011	8	14	CRAB POT FISHERY	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	1	1
HUMPBACK WHALE	CA/OR/WA	2011	8	20	CRAB POT FISHERY	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	1	1

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HUMPBACK WHALE	CA/OR/WA	2011	8	25	CRAB POT FISHERY	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	1	1
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	1	1
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	1	1
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	0	1
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 BOUYS 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	1	1
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	NA	0	1
HUMPBACK WHALE	CA/OR/WA	2014	4	27	DUNGENESS CRAB POT FISHERY	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	1	1	0

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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	5	1	CRAB POT FISHERY	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	1	1
HUMPBACK WHALE	CA/OR/WA	2014	5	6	CRAB POT FISHERY	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	NA	1	0
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	0	1
HUMPBACK WHALE	CA/OR/WA	2014	5	22	DUNGENESS CRAB POT FISHERY	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	NA	1	1
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: http://condorexpress.com/blog/2014/06/08/entangled-humpback-whale-set-free/	NSI	L2	NA	1	0
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	NA	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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	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	0	1
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	NA	0	0
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	NA	0	1
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	NA	1	0
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	1	1
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	NA	1	0
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	1	1
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	1	1
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	NA	1	0
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	1	1

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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	0	1
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	NA	1	1
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	NA	0	1
HUMPBACK WHALE	CA/OR/WA	2014	10	24	MARINE DEBRIS	MONTEREY	CA	SI	ENTANGLED AROUND CAUDAL PEDUNCLE WITH WAVERIDER BUOY; CAUGHT IN BUNGEE BETWEEN 10 FT CHAIN AND LINE THAT RUNS TO 300 LB ANCHOR; SUCCESSFULLY DISENTANGLED 10/29/14.	NSI	L3	NA	0	0
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	1	1
MINKE WHALE	CA/OR/WA	2010	4	17	GILLNET FISHERY	MONTEREY	CA	SI (PRORATE)	ROPE & NETTING AROUND HEAD AREA	SI (PRORATE)	L10	0.75	1	1
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	NA	0	0
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	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	2	2	SHOOTING	PACIFIC	WA	SI	SEAL REPORTED ALIVE ON THE BEACH IN DISTRESS ON 2/2/10. WDFW RESPONDED, BULLET FOUND IN LOWER BRAIN CAVITY.	DEAD	P9	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	2	2	SHOOTING	PACIFIC	WA	DEAD	BULLET FOUND IN BRAIN CAVITY	DEAD	NA	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	2	28	HUMAN-INDUCED ABANDONMENT	SANTA CRUZ	CA	SI	ILLEGAL REMOVAL FROM BEACH. PUP FOUND IN A LAUNDRY ROOM ON A DOG BED, TAKEN INTO REHAB, TREATED AND RELEASED.	SI	P14	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	3	31	POWER PLANT ENTRAINMENT	VENTURA	CA	DEAD	FOUND IN POWER STATION'S INTAKE TAKE	DEAD	NA	NA	0	1

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NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	5	8	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	CA	SI	TANGLED IN GROUNDLINE. STRUGGLED FREE AS ANIMAL NEARED THE SURFACE. SWAM AWAY SLOWLY, ANIMAL SEEN TO TAKE A BREATH AT THE SURFACE. SOME SCRATCHES ON THE TORSO FROM THE LINE. DESIGNATED AS SERIOUS INJURY AS AMOUNT OF TIME ENTANGLED UNDERWATER IS UNKNOWN.	SI	P7B	NA	1	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	5	9	MARINE DEBRIS	MONTEREY	CA	SI	PLASTIC LODGED IN THROAT. ANIMAL TAKEN INTO REHAB, TREATED AND RELEASED	NSI	P9	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	8	26	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	10	6	MARINE DEBRIS	SAN MATEO	CA	SI	WIDE BLACK FLEXIBLE RUBBER BAND/BELT 1 1/4" WIDE X 32" LONG X 1/4 CM THICK) WRAPPED AROUND NECK. GOOD BODY CONDITION, ENTANGLEMENT WAS SLIPPED OVER HEAD WITHOUT CUTTING BAND. DISENTANGLED BY VETERINARIAN RESEARCH TEAM	NSI	P7B	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2010	10	22	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	3	21	CATCH SHARES HOOK AND LINE	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	3	25	CATCH SHARES HOOK AND LINE	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	4	3	SCIENTIFIC RESEARCH	SAN MATEO	CA	DEAD	ANIMAL DIED UNDER ANAESTHESIA	DEAD	NA	NA	0	1
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	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	6	26	CATCH SHARES BOTTOM TRAWL	OFFSHORE	WA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2011	7	19	SHORESIDE HAKE MIDWATER TRAWL	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	1	1	SHOOTING	PACIFIC	WA	DEAD	A BULLET HOLE WITH ASSOC. HEMORRHAGE AT STERNUM.	DEAD	NA	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	1

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NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	9	6	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	CA	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2012	10	12	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	2	10	MARINE DEBRIS	NA	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	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	2	28	HARASSMENT	MONTEREY	CA	NSI	HARASSMENT, MALNUTRITION.	NSI	P9	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	3	21	HUMAN-INDUCED ABANDONMENT	MONTEREY	CA	SI	HARASSED BY PEOPLE AND DOGS, EMACIATED, MATERNAL SEPARATION.	SI	P14	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2013	3	27	HUMAN-INDUCED ABANDONMENT	SANTA CRUZ	CA	NSI	HARASSED BY PEOPLE AND DOGS, EMACIATED, MATERNAL SEPARATION.	SI	P14	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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 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	NA	1	1
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	NA	1	1
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	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	2	26	HARASSMENT	SAN LUIS OBISPO	CA	NSI	FULL BLACKCOAT, MILDLY UNDERWEIGHT, SHIVERING, NO TEETH. HARASSED.	NSI	P9	NA	0	0
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	NA	0	0
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	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	14	OIL / TAR	SAN MATEO	CA	SI	EMACIATED, LETHARGIC, TAR ON RIGHT SIDE.	SI	P1	NA	0	1
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	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	18	OIL / TAR	SAN LUIS OBISPO	CA	SI	EMACIATED, OIL / TAR.	SI	P1	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	19	HARASSMENT	SAN LUIS OBISPO	CA	NSI	EMACIATED ANIMAL HARASSED BY DOGS ON BEACH	NSI	P9	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	20	OIL / TAR	MONTEREY	CA	SI	EMACIATED, LETHARGIC ANIMAL WITH OIL / TAR.	SI	P1	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	3	21	OIL / TAR	MONTEREY	CA	SI	EMACIATED ANIMAL WITH OIL / TAR.	SI	P1	NA	0	1
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	NA	0	1
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	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	3	OIL / TAR	MONTEREY	CA	SI	EMACIATED AND ACTIVE. OIL / TAR	SI	P1	NA	0	1
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	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	7	HARASSMENT	SAN MATEO	CA	NSI	EMACIATED ANIMAL ON BEACH TOUCHED/HANDLED BY MEMBERS OF PUBLIC	NSI	P10	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	8	OIL / TAR	SAN LUIS OBISPO	CA	SI	EMACIATED ANIMAL WITH OIL / TAR.	SI	P1	NA	0	1
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	NA	0	0
NORTHERN ELEPHANT SEAL	CALIFORNIA	2014	4	29	OIL / TAR	SAN MATEO	CA	SI	EMACIATED ANIMAL WITH OIL / TAR.	SI	P1	NA	0	1
NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2014	7	24	SHOOTING	CLATSOP	OR	DEAD	MULTIPLE SHOTS	DEAD	NA	NA	0	1

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NORTHERN ELEPHANT SEAL	CALIFORNIA BREEDING	2014	9	21	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	0
NORTHERN FUR SEAL	EASTERN NORTH 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	NA	0	1
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	NA	0	1
NORTHERN FUR SEAL	EASTERN NORTH 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	NA	0	0
NORTHERN FUR SEAL	EASTERN NORTH PACIFIC / CALIFORNIA	2012	5	28	POWER PLANT ENTRAINMENT	SAN LUIS OBISPO	CA	DEAD	CARCASS DISCOVERED IN STATION COOLING WATER SYSTEM	DEAD	NA	NA	0	1
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	NA	0	1
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	NA	0	0
NORTHERN FUR SEAL	EASTERN NORTH PACIFIC / CALIFORNIA	2014	5	12	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	NA	1	1
NORTHERN FUR SEAL	EASTERN NORTH PACIFIC / CALIFORNIA	2014	5	12	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	NA	1	1
NORTHERN FUR SEAL	EASTERN NORTH PACIFIC / CALIFORNIA	2014	5	21	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	NA	1	1
NORTHERN FUR SEAL	EASTERN NORTH 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	NA	0	1
NORTHERN RIGHT WHALE DOLPHIN	CA/OR/WA	2010	12	6	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN RIGHT WHALE DOLPHIN	CA/OR/WA	2011	10	27	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN RIGHT WHALE DOLPHIN	CA/OR/WA	2012	1	8	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN RIGHT WHALE DOLPHIN	CA/OR/WA	2013	11	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN RIGHT WHALE DOLPHIN	CA/OR/WA	2013	11	25	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
NORTHERN RIGHT WHALE DOLPHIN	CA/OR/WA	2014	1	3	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
PACIFIC WHITE-SIDED DOLPHIN	CA/OR/WA	2010	4	18	SCIENTIFIC RESEARCH	MONTEREY	CA	SI	ANIMAL CAUGHT IN RESEARCH TRAWL, TRAWL BROUGHT ON DECK, ANIMAL RELEASED AT SEA. SERIOUS INJURY S4 BECAUSE ANIMAL WAS REMOVED FROM WATER AND BROUGHT ON DECK.	SI	S4	NA	0	1
PACIFIC WHITE-SIDED DOLPHIN	CA/OR/WA	2010	4	25	SCIENTIFIC RESEARCH	OFFSHORE	CA	DEAD	ANIMAL CAUGHT IN RESEARCH TRAWL, CARCASS DISPOSED AT SEA	DEAD	NA	NA	0	1
PACIFIC WHITE-SIDED DOLPHIN	CA/OR/WA	2010	9	10	SCIENTIFIC RESEARCH	MENDOCINO	CA	DEAD	ANIMAL BECAME ENTANGLED IN COD END OF MID-WATER TRAWL AFTER THE SET WHEN THE NET WAS BEING BROUGHT ABOARD THE VESSEL	DEAD	NA	NA	0	1
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	NA	0	1

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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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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. ANIMAL WAS OBSERVED TO BE SWIMMING IN WATER AFTER RELEASE. S4 SERIOUS INJURY BECAUSE ANIMAL WAS REMOVED FROM WATER, BROUGHT ON DECK (TRAWL RAMP).	SI	S4	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	0
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	NA	0	0
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	NA	0	1
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	NA	0	1
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	NA	0	1

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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	NA	0	1
PACIFIC WHITE-SIDED DOLPHIN	CA/OR/WA	2014	5	14	CATCH SHARES BOTTOM TRAWL	OFFSHORE	CA	DEAD	KILLED IN GEAR	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
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	NA	0	1
RISSO'S DOLPHIN	CA/OR/WA	2010	1	22	UNIDENTIFIED FISHERY INTERACTION	LOS ANGELES	CA	DEAD	MULTIPLE PARALLEL LACERATIONS	DEAD	NA	NA	0	1
RISSO'S DOLPHIN	CA/OR/WA	2011	9	29	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	1	1
SHORT-FINNED PILOT WHALE	CA/OR/WA	2014	1	19	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE	CA	DEAD	OBSERVER PROGRAM	DEAD	NA	NA	1	1
SPERM WHALE	CA/OR/WA	2010	4	7	OPEN ACCESS FIXED GEAR HOOK AND LINE	PACIFIC NW	OR	NSI	ONE OF TWO SPERM WHALES FEEDING ON CATCH OFF THE GROUNDLINE OF AN OA SABLEFISH VESSEL. VESSEL USED AIR HORN TO TRY AND DETER. DETERRENCE WAS NOT SUCCESSFUL.	NSI	L3	NA	0	0
SPERM WHALE	CA/OR/WA	2010	4	7	OPEN ACCESS FIXED GEAR HOOK AND LINE	PACIFIC NW	OR	NSI	ONE OF TWO SPERM WHALES FEEDING ON CATCH OFF THE GROUNDLINE OF AN OA SABLEFISH VESSEL. VESSEL USED AIR HORN TO TRY AND DETER. DETERRENCE WAS NOT SUCCESSFUL.	NSI	L3	NA	0	0
SPERM WHALE	CA/OR/WA	2010	12	5	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	SI	ONE OF TWO WHALES ENTANGLED IN A SWORDFISH DRIFT GILLNET. ONE WHALE WAS DEAD. FISHERY OBSERVER INDICATED THAT THE SECOND WHALE WAS RELEASED WITH NETTING AND PHOTOS WERE TAKEN. PHOTOS OF THE INJURED WHALE SHOW AN ANIMAL ON ITS SIDE, NOT IN A NORMAL BREATHING OR SWIMMING POSTURE.	SI	L2	1	1	1
SPERM WHALE	CA/OR/WA	2010	12	5	CA SWORDFISH DRIFT GILLNET FISHERY	OFFSHORE SOUTHERN CA	CA	DEAD	ONE OF TWO WHALES ENTANGLED IN A SWORDFISH DRIFT GILLNET. ONE WHALE WAS DEAD. FISHERY OBSERVER INDICATED THAT THE SECOND WHALE WAS RELEASED WITH NETTING AND PHOTOS WERE TAKEN. PHOTOS OF THE INJURED WHALE SHOW AN ANIMAL ON ITS SIDE, NOT IN A NORMAL BREATHING OR SWIMMING POSTURE.	DEAD	NA	NA	1	1
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	NA	0	1

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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	NA	0	1
UNIDENTIFIED OTARIID	NA	2010	5	29	AT-SEA HAKE PELAGIC TRAWL	OFFSHORE	OR	DEAD	AT-SEA HAKE OBSERVER PROGRAM	DEAD	NA	NA	1	1
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	NA	0	1
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	NA	1	1
UNIDENTIFIED PINNIPED	NA	2010	1	16	MARINE DEBRIS	NA	NA	SI	LIVE ANIMAL ENTANGLED IN LIGHT COLORED ROPE	SI	P6	NA	0	1
UNIDENTIFIED PINNIPED	NA	2010	4	7	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	SHOTS FIRED NEAR PINNIPED TO DETER IT FROM FEEDING ON CATCH.	NSI	P9	NA	0	0
UNIDENTIFIED PINNIPED	NA	2010	6	11	POWER PLANT ENTRAINMENT	LOS ANGELES	CA	DEAD	ANIMAL ENTRAINED IN CIRCULATING WATER SCREEN BAY (ENTERED THROUGH INTAKE TUNNEL)	DEAD	NA	NA	0	1
UNIDENTIFIED PINNIPED	NA	2010	7	16	UNIDENTIFIED NET FISHERY	NA	NA	SI	REPORT OF LIVE ANIMAL WITH NET AROUND ITS HEAD AND NECK	SI	P8A	NA	0	1
UNIDENTIFIED PINNIPED	NA	2010	8	5	BLUNT FORCE TRAUMA	NA	NA	SI	SEA LION BLUDGEONED AT SEA BY RECREATIONAL FISHERMEN	SI	P9	NA	0	1
UNIDENTIFIED PINNIPED	NA	2010	9	2	UNIDENTIFIED NET FISHERY	NA	NA	SI	LIVE SEAL ENTANGLED IN NET; RELEASED BY PUBLIC BEFORE RESPONDERS ARRIVED	SI	P7B	NA	0	1
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	NA	0	1
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	NA	0	1
UNIDENTIFIED PINNIPED	NA	2012	8	24	CRAB POT FISHERY	LINCOLN	OR	SI	LIVE ANIMAL, SWIMMING JUST OFFSHORE, ENTANGLED IN CRAB GEAR (BUOY AND LINE VISIBLE)	SI	P6	NA	1	1
UNIDENTIFIED SEA LION	NA	2010	6	5	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	NSI	DETERRENCE USED. THE CAPTAIN SPOTTED A SEA LION OFF THE STARBOARD SIDE OF THE VESSEL WHILE HAULING LONGLINE GEAR AND QUICKLY FIRED A SHOT AT IT TO SCARE IT AWAY. I BRIEFLY CAUGHT A GLIMPSE OF THE ANIMAL AS IT LEFT. I DID NOT COME BACK.	NSI	P9	NA	0	0
UNIDENTIFIED SEA LION	NA	2011	4	12	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	OR	DEAD	NWFSC GROUND FISH OBSERVER PROGRAM	DEAD	NA	NA	1	1
UNIDENTIFIED SEA LION	NA	2011	5	2	LIMITED ENTRY SABLEFISH HOOK AND LINE	OFFSHORE	CA	NSI	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.	NSI	P9	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	0	0
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	NA	1	1
UNIDENTIFIED WHALE	NA	2010	3	24	UNIDENTIFIED FISHERY INTERACTION	SONOMA	CA	SI	TOWING 30 FEET OF TRAILING LINE & 2 GREEN & WHITE BUOYS; UNIDENTIFIED FISHERY. FREE-SWIMMING ENTANGLED WHALE REPORTED BY MEMBER OF PUBLIC; NO RESCUE EFFORT INITIATED; NO RESIGHTINGS REPORTED; FINAL STATUS UNKNOWN	SI	L10	0.75	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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
UNIDENTIFIED WHALE	NA	2010	3	29	VESSEL STRIKE	LOS ANGELES	CA	SI	COMMERCIAL ISLAND PASSENGER TRANSPORT CATAMARAN VESSEL, 37 METERS LONG DOING 28 KNOTS, COLLIDED WITH FREE-SWIMMING ANIMAL; NO BLOOD OBSERVED IN WATER; COLLISION DISLODGED VESSEL'S STARBOARD T-FOIL; FINAL STATUS UNKNOWN	SI	L6A	1	0	1
UNIDENTIFIED WHALE	NA	2010	4	8	UNIDENTIFIED FISHERY INTERACTION	MARIN	CA	SI (PRORATE)	ROPE WRAPPED AROUND CAUDAL PEDUNCLE; UNIDENTIFIED FISHERY	SI (PRORATE)	L10	0.75	0	1
UNIDENTIFIED WHALE	NA	2010	5	2	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI	ANIMAL ENTANGLED IN ROPE. ANIMAL THRASHING AT SURFACE; NO RESCUE EFFORT INITIATED; NO RESIGHTINGS REPORTED; FINAL STATUS UNKNOWN	SI	L10	0.75	0	1
UNIDENTIFIED WHALE	NA	2010	7	7	UNIDENTIFIED FISHERY INTERACTION	SANTA BARBARA	CA	SI	ANIMAL TOWING NET-LIKE MATERIAL; SIGHTING REPORTED BY OIL PLATFORM WORKERS, FREE-SWIMMING; NO RESCUE EFFORT INITIATED; NO RESIGHTINGS REPORTED; FINAL STATUS UNKNOWN	SI	L10	0.75	0	1
UNIDENTIFIED WHALE	NA	2010	10	13	UNIDENTIFIED FISHERY INTERACTION	SAN FRANCISCO	CA	SI	TOWING ORANGE BUOY. WHALE SIGHTED FROM SHORE USING BINOCULARS. APPEARED TO BE FREE-SWIMMING AND DIVING; NO RESIGHTS; FINAL STATUS UNKNOWN	SI	L10	0.75	0	1
UNIDENTIFIED WHALE	NA	2011	7	16	UNIDENTIFIED FISHERY INTERACTION	MONTEREY	CA	SI	FREE-SWIMMING ENTANGLED WHALE IN UNKNOWN GEAR	SI	L10	0.75	0	1
UNIDENTIFIED WHALE	NA	2011	8	20	UNIDENTIFIED POT/TRAP FISHERY ENTANGLEMENT	SNOHOMISH	WA	SI (PRORATE)	WHALE TRAILING A RED AND WHITE BUOY OFF THE RIGHT SIDE. DID NOT SEE ANY LINES WRAPPED AROUND THE BODY.	SI (PRORATE)	L10	0.75	1	1
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	1	1
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	NA	0	1
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	0	1
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	1	1
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	0	1

Appendix 4. Records of human-related injury and mortality, 2010-2014.

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
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	NA	1	1
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	NA	0	1