

RAMP Entanglement History

Last Updated May 31, 2024

The table below includes information on Actionable Species entanglements since implementation of the Risk Assessment and Mitigation Program (RAMP). Current Impacts Scores for Actionable Species can be found below:

Humpback Whale Impact Score:

- 2024 Calendar Year: 1.13
- 2023 Calendar Year: 4.89
- 2022 Calendar Year: 5.28
- 3-Year Rolling Average: 3.77

Leatherback Turtle Impact Score:

- 2023 Calendar Year: 1.0
- 2022 Calendar Year: 0
- 2021 Calendar Year: 0
- 3-Year Rolling Average: 0.33

No confirmed entanglements of blue whales.

Table 1. Actionable Species confirmed entanglements since RAMP implementation (Nov. 1, 2020).

| Date | Species | Fishery | Reporting Area | Impact Score |
|----------|------------------------|------------------------------|----------------------|--------------|
| 05/17/24 | Humpback whale | CA commercial Dungeness crab | Monterey, CA | 0.75 |
| 05/17/24 | Humpback whale | Unknown Fishing Gear* | Monterey, CA | 0.38 |
| 12/20/23 | Humpback whale | CA commercial Dungeness crab | Banderas Bay, MX | 0.75 |
| 12/17/23 | Humpback whale | Unknown Fishing Gear* | Dana Point, CA | 0.38 |
| 11/24/23 | Leatherback sea turtle | CA commercial Dungeness crab | Farallon Islands, CA | 1.0 |
| 11/11/23 | Humpback whale | CA commercial Dungeness crab | Monterey Bay, CA | 0.75 |
| 08/19/23 | Humpback whale | CA commercial Dungeness crab | Monterey Bay, CA | 0.75 |
| 07/19/23 | Humpback whale | CA commercial Dungeness crab | Monterey Bay, CA | 0.75 |

| Date | Species | Fishery | Reporting Area | Impact Score |
|-------------|----------------|------------------------------|-----------------------|---------------------|
| 06/11/23 | Humpback whale | CA commercial Dungeness crab | Monterey Bay, CA | 0.75 |
| 05/12/23 | Humpback whale | Unidentified** | Monterey Bay, CA | NA |
| 04/20/23 | Humpback whale | Unknown Fishing Gear* | Monterey Bay, CA | 0.38 |
| 04/17/23 | Humpback whale | Unknown Fishing Gear* | Monterey Bay, CA | 0.38 |
| 11/25/22 | Humpback whale | Unidentified** | Santa Cruz, CA | NA |
| 10/10/22 | Humpback whale | Unidentified** | Moss Landing, CA | NA |
| 10/08/22 | Humpback whale | Unknown Fishing Gear* | Dana Point, CA | 0.38 |
| 08/30/22 | Humpback whale | Unknown Fishing Gear* | Monterey Bay, CA | 0.38 |
| 07/24/22 | Humpback whale | Unknown Fishing Gear* | Monterey Bay, CA | 0.38 |
| 05/26/22 | Humpback whale | Unidentified** | Monterey Bay, CA | NA |
| 05/20/22 | Humpback whale | Unknown Fishing Gear* | Monterey Bay, CA | 0.38 |
| 03/28/22 | Humpback whale | CA commercial Dungeness crab | Monterey Bay, CA | 0.75 |
| 03/21/22 | Humpback whale | Unknown Fishing Gear* | Santa Cruz, CA | 0.38 |
| 03/19/22 | Humpback whale | CA commercial Dungeness crab | Monterey Bay, CA | 0.75 |
| 03/11/22 | Humpback whale | CA commercial Dungeness crab | Moss Beach, CA | 0.75 |
| 02/13/22 | Humpback whale | CA commercial Dungeness crab | Mexico | 0.75 |
| 01/27/22 | Humpback whale | Unknown Fishing Gear* | Monterey Bay, CA | 0.38 |
| 08/28/21 | Humpback whale | Unknown Fishing Gear* | Santa Barbara, CA | 0.38 |
| 07/13/21 | Humpback whale | Unknown Fishing Gear* | San Diego, CA | 0.38 |

| Date | Species | Fishery | Reporting Area | Impact Score |
|-------------|----------------|------------------------------|-----------------------|---------------------|
| 06/09/21 | Humpback whale | CA commercial Dungeness crab | Los Cabos, Mexico | 0.75 |
| 04/03/21 | Humpback whale | Unknown Fishing Gear* | Ventura, CA | 0.38 |

*Unknown Fishing Gear: confirmed entanglements where the commercial Dungeness crab fishery cannot be eliminated as the contributing fishery the entanglement. An Unknown Fishing Gear entanglement is counted under RAMP with an Impact Score of 0.38, unless the animal is deceased, in which case it is scored as 0.5.

**Unidentified fishing gear: confirmed entanglements where NMFS was unable to attribute the entanglement to a gear type or specific fishery. Unidentified entanglements are not counted under RAMP and do not have an Impact Score.