#### 2019 summary

\*\*preliminary data through August 23, 2019\*\*

- 17 confirmed entangled whales, 1 unconfirmed reports, 18 total reports
  - Gray whales: 6 confirmed, 1 unconfirmed, 7 total
  - Humpback whales: 10 confirmed, 10 total
  - Minke whale: 1 confirmed, 1 total
- Confirmed fisheries associated with entanglements: 8 reports
  - Commercial Dungeness crab: 6 total
    - 2 CDFW (2 humpback whale)
    - 1 ODFW (1 humpback whale)
    - 2 WDFW (2 humpback whale)
    - 1 state unknown (1 gray whale)
  - Gillnet: 2 (2 gray whales)
- Reporting location
  - California: 10 confirmed reports, 10 total reports
  - Oregon: 2 confirmed reports, 1 unconfirmed, 3 total reports
  - Washington: 4 confirmed report, 4 total report
  - Mexico: 1 confirmed report (humpback with gear from OR)

# 2019

- January: 0 reports
- February: 0 reports
- March: 2 confirmed reports
  - Humpback whale trailing line and orange poly-ball, reported off Ventura, CA (March 24)
  - Gray whale entangled with line, reported off Depoe Bay, OR (March 24)



- April: 3 confirmed reports, 1 unconfirmed
  - Gray whale entangled with pink monofilament gillnet around tail, reported off Dana Point, CA (April 14)
  - Humpback whale entangled with OR Dungeness crab gear, reported off Loreto, Mexico (April 14)
  - Gray whale entangled with pink monofilament gillnet around tail, reported off Dana Point, CA (April 20)\* different whale than April 14, died later
  - Gray whale (U) reported as entangled, off the Columbia River mouth, OR (April 20)



- May: 2 confirmed
  - Gray whale entangled with line and a 2ft x 2 ft white "cube" buoy, reported off San Luis Obispo county (May 4), resignted in Monterey on May 5
  - Humpback whale entangled with white line trailing 40 ft, reported off Santa Barbara (May 5)
- June: 3 confirmed
  - Gray whale entangled with a mooring buoy and potential self release in Puget Sound north of Everett, WA (June 3)
  - Dead gray whale entangled with multiple buoys + Dungeness crab tags (either OR or WA Puget Sound) north of Brookings, OR (June 12)
  - Humpback whale entangled with WA commercial Dungeness crab gear, reported north of Cape Flattery, WA by WDFW enforcement (June 29)



- July: 2 confirmed
  - Humpback whale entangled with WA commercial Dungeness crab gear and CDIP waverider weather buoy, 25 miles off Point Reyes, CA (July 9)
  - Humpback whale entangled with yellow line, reported between Canada and Washington (July 29)



- August: 5 confirmed
  - Humpback whale entangled with CA commercial Dungeness crab gear, reported in Monterey Bay (Aug 1)
  - Minke whale entangled with line and maybe buoy, reported 25 miles offshore Half Moon Bay (Aug 3)
  - Humpback whale entangled with CA commercial Dungeness crab gear, reported off Santa Cruz Island, later reported dead (Aug 7)
  - Humpback whale entangled with line, reported off Tatoosh Island, WA (Aug 8)
  - Humpback whale entangled with monofilament line, reported off Monterey, CA (Aug 12)

