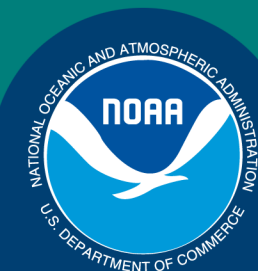


Science, Service, Stewardship

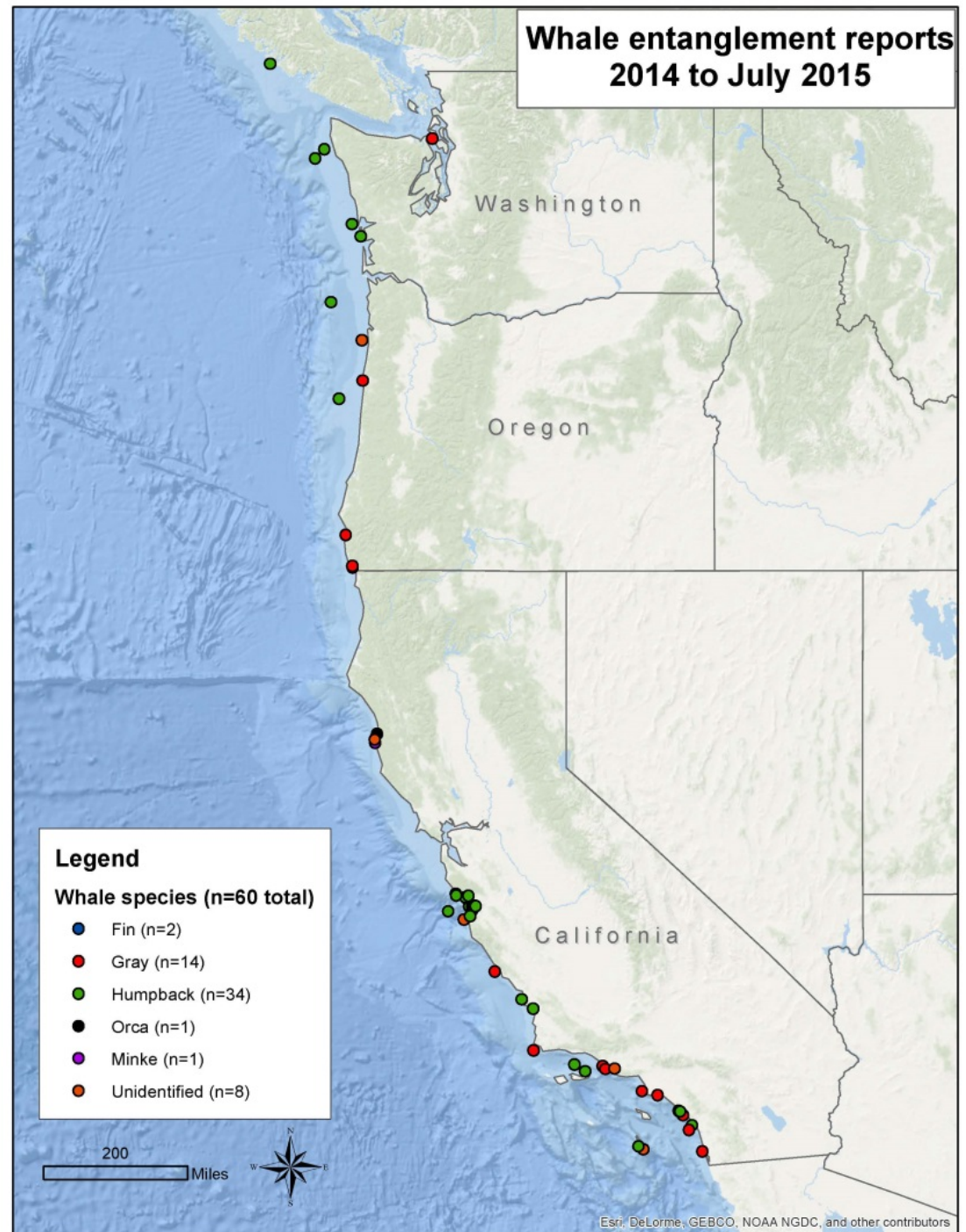


Making Sense of Recent Entanglement Reports – What is Happening?

**NOAA
FISHERIES
SERVICE**

2014/2015 Entanglement Reports

State	Total
BC	1
CA	47
OR	7
WA	5



2014/2015 Confirmed Entanglements

State	Confirmed
BC	1
CA	35
OR	7
WA	3



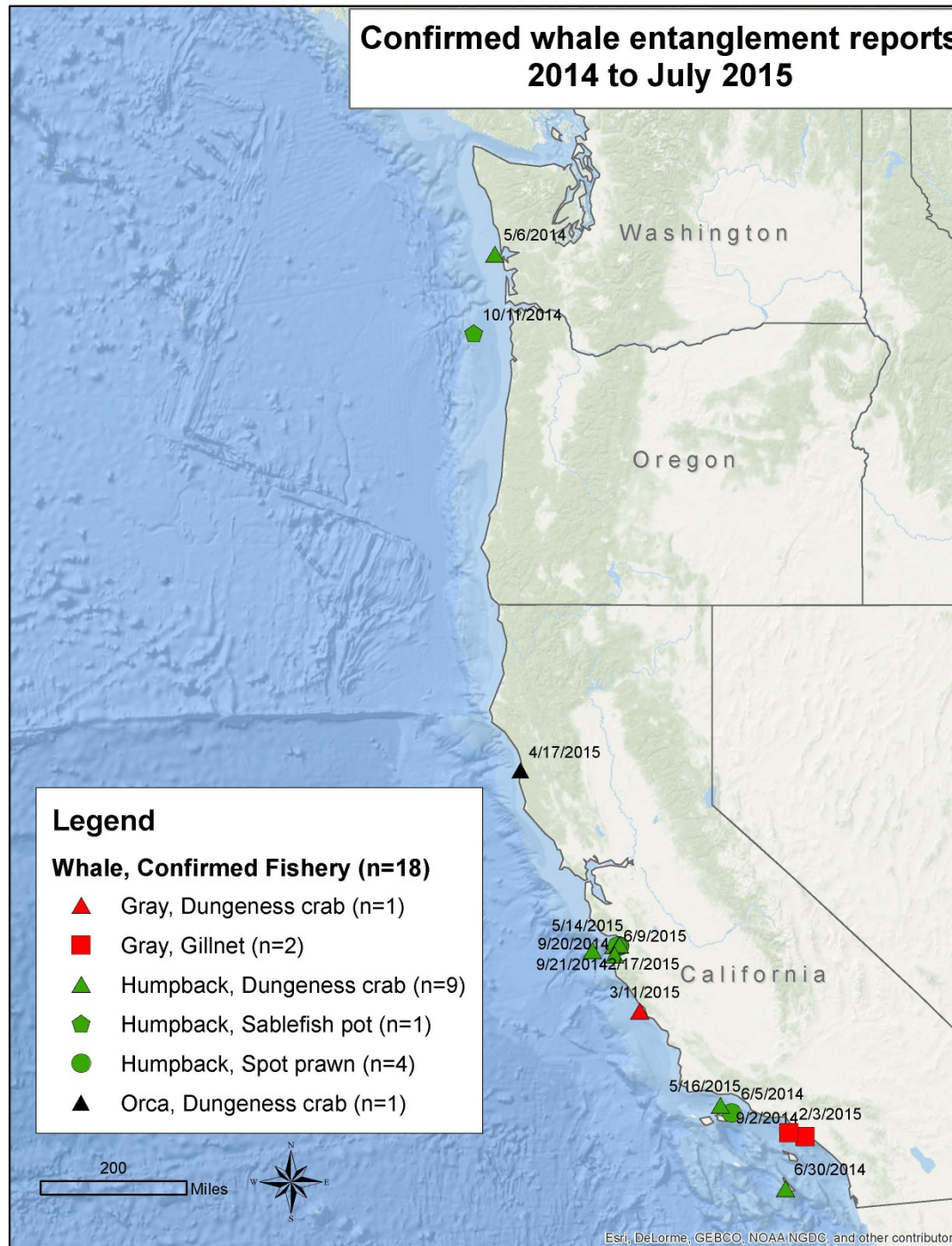
When and Where are Entanglements Reported in California?

Confirmed Entanglement Reports 2014-2015				
Month	Number		County	Total
1	2		Los Angeles	5
2	4		MENDOCINO	2
3	6		MONTEREY	14
4	2		ORANGE	4
5	6		SAN DIEGO	3
6	5		SAN LUIS OBISPO	1
7	2		SANTA BARBARA	3
8	1		SANTA CRUZ	2
9	6		VENTURA	1
10	1			

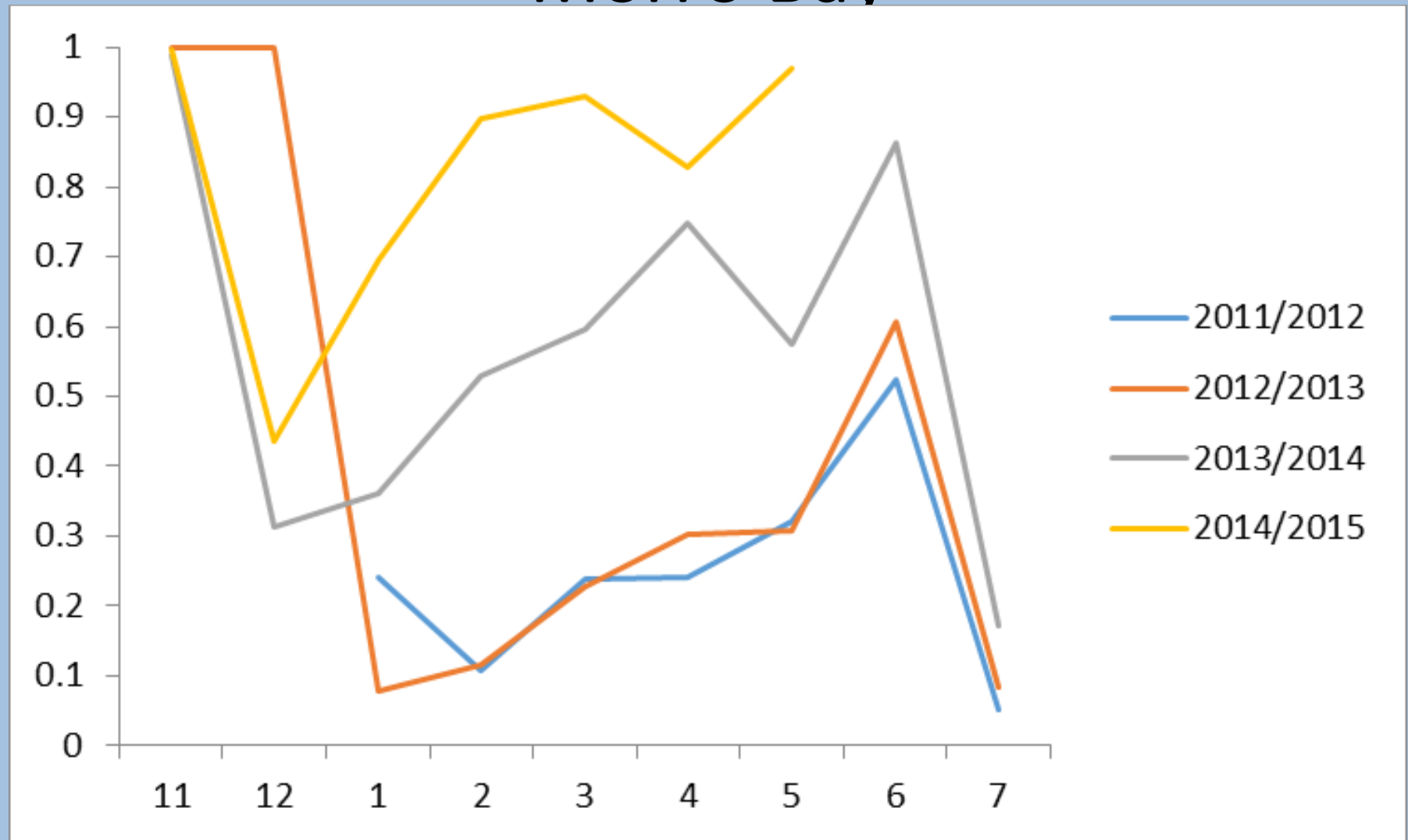
Confirmed Fishery by Reporting Location 2014/2015

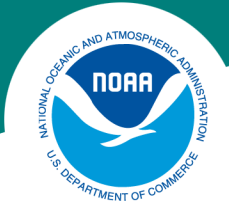
Fishery Type	State	County	Species	Number
Recreational				
Dungeness crab	CA	MONTEREY	HUMPBACK WHALE	1
Dungeness crab	CA	LOS ANGELES	HUMPBACK WHALE	2
Dungeness Crab	CA	MENDOCINO	KILLER WHALE	1
Dungeness crab	CA	MONTEREY	HUMPBACK WHALE	5
Dungeness crab	CA	SAN LUIS OBISPO	GRAY WHALE	1
Dungeness crab	CA	SANTA BARBARA	HUMPBACK WHALE	1
Dungeness crab	OR		HUMPBACK WHALE	1
Gillnet	CA	LOS ANGELES	GRAY WHALE	1
Sablefish pot	OR		HUMPBACK WHALE	1
Spot prawn	CA	MONTEREY	HUMPBACK WHALE	3
Spot prawn	CA	SANTA BARBARA	HUMPBACK WHALE	1

Confirmed whale entanglement reports 2014 to July 2015



% of Total CA Dungeness Crab Landings by Month in Bodega Bay – Morro Bay





What is happening recently?

- More entanglements?
- Location bias – entangled whales in Central California more likely to be seen than other places
- Increase awareness about large entanglements and response capacity leading to increased quantity and quality of report.
- Whale populations increasing, but not at rate that explains increase in humpback entanglements in recent years
- Whales sticking around in high numbers, feeding on fish closer to shore where more gear is set
- Effort shift in Dungeness crab fishery to Central California in recent years?