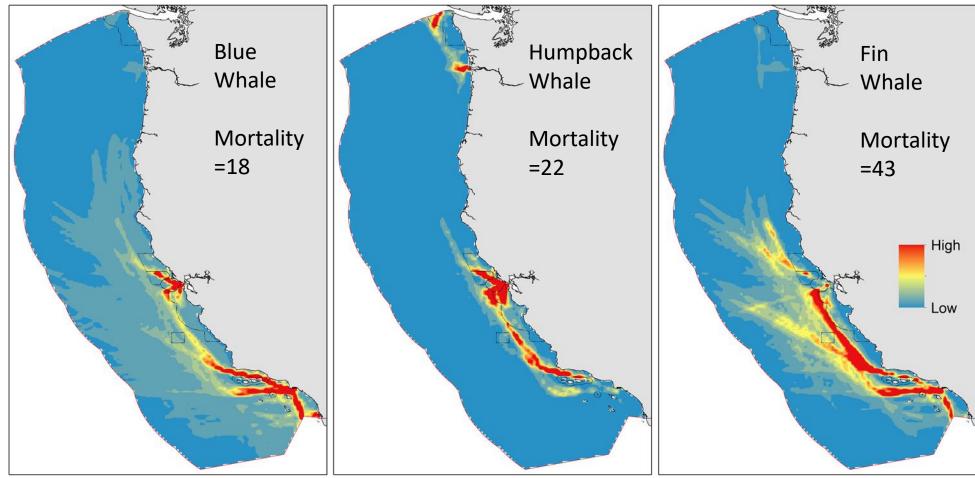
# Putting Ship Strikes and Entanglements in Perspective





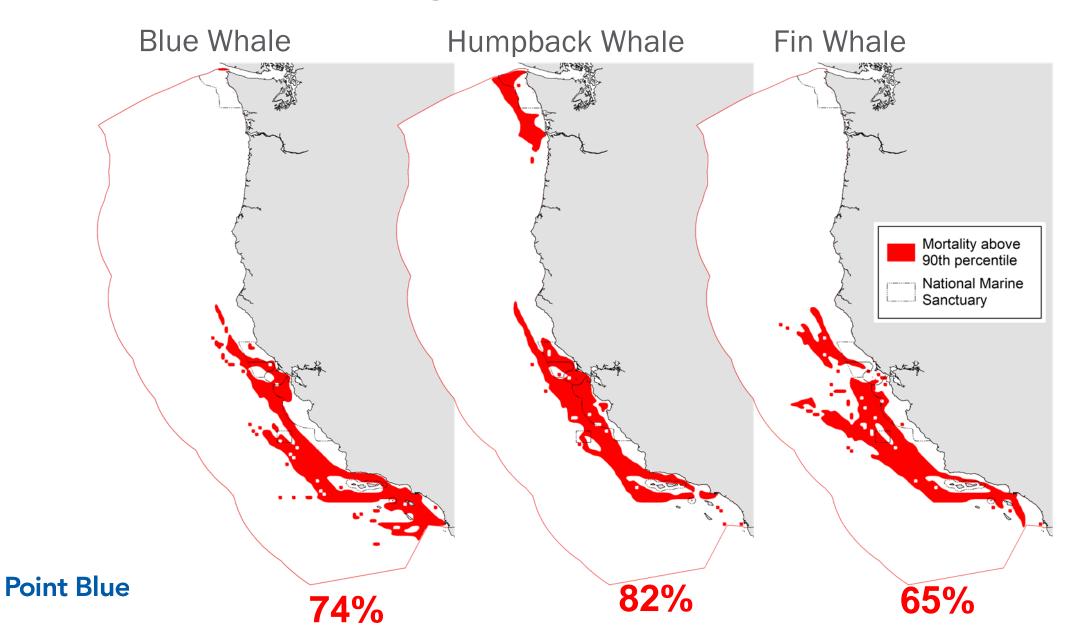
## More than 80 whales struck by ships

Estimated annual mortality is 8x (blue), 2x (humpback) greater than the U.S. federal guidelines





## Most mortality from nearshore traffic



#### **Proven Solutions**

- Speed restrictions
- Traffic routing to avoid whale hotspots



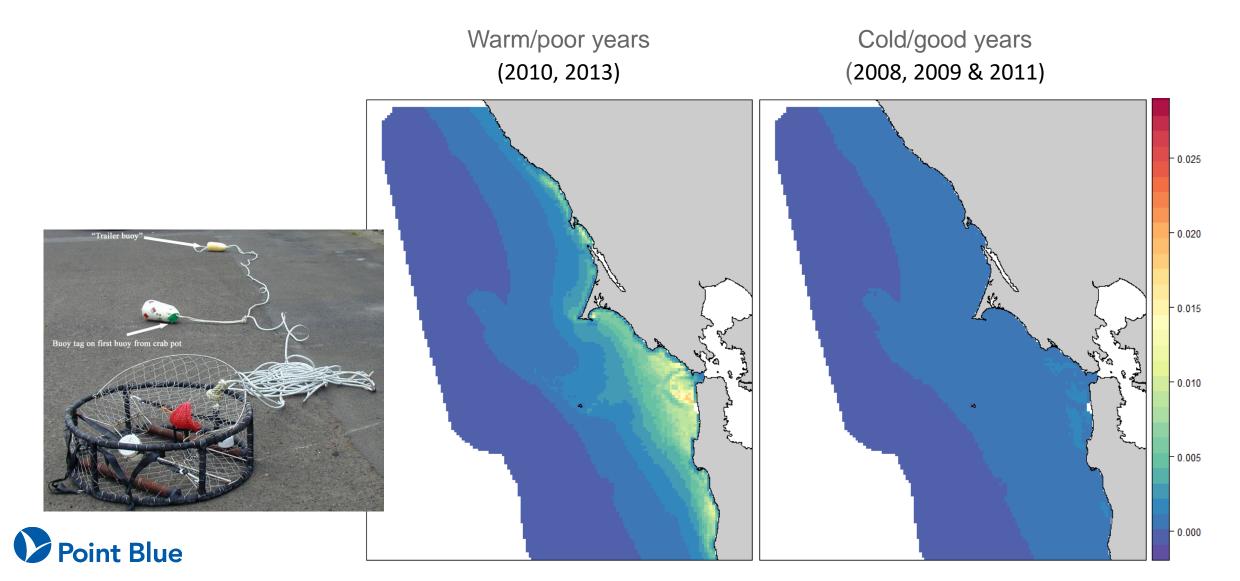
## Strikes vs Entanglements

Species	Ship Strike Mortality (per year)	Entanglement Mortality (per year)
Humpback whales	22	14.1
Blue whales	18	0.9
Fin whales	43	0.5

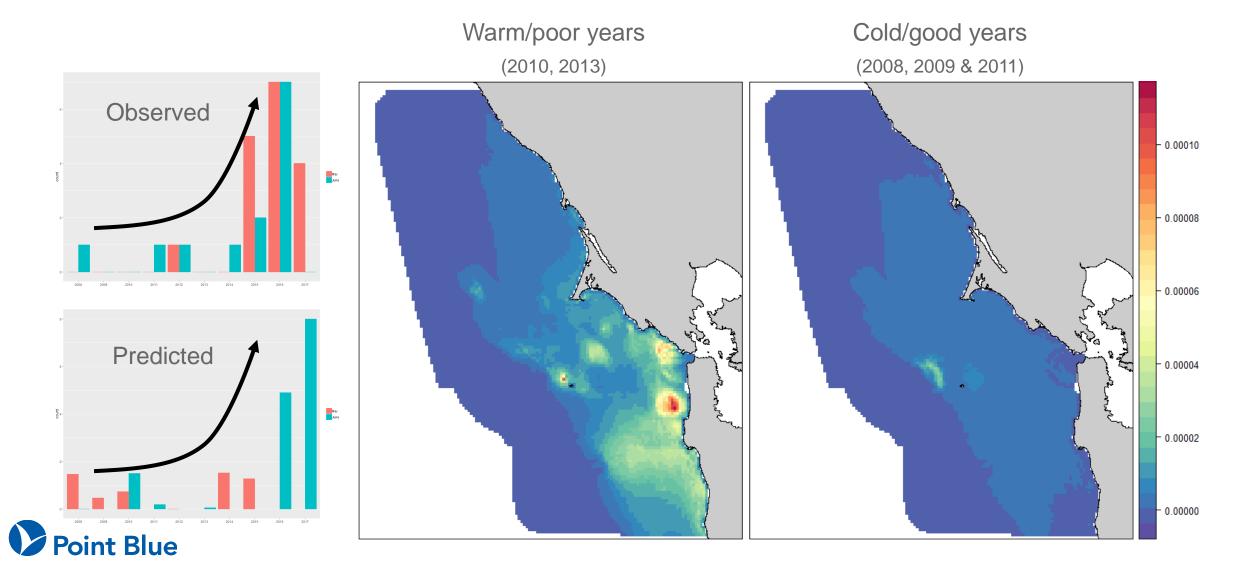




### Crab pot gear in warm and cold years



## **Entanglement risk for humpback whales**





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