



MARINE REGION

2019 BY THE NUMBERS

2019 Marine Region: Area, Staff, and Funding

The Marine Region encompasses approximately 5,767 square statute miles of state waters, including San Francisco Bay and San Pablo Bay to the Carquinez Bridge.

For the 2018-2019 fiscal year, the Marine Region budget was \$22,491,569.

As of December 31st, 2019, there were 145 permanent staff and 95 temporary staff positions within the Marine Region.



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2019 California Commercial Fishing

Weight and Ex-Vessel Value¹ of Commercial Landings by Port

¹Ex-Vessel Value is the amount paid to the fishermen at the dock.

Port Area	Pounds	Ex-Vessel Value
Eureka	20,061,257	\$38,666,505
Fort Bragg	4,162,620	\$6,752,019
Bodega Bay	2,751,205	\$9,549,155
San Francisco	8,920,063	\$23,480,929
Monterey	27,430,713	\$10,068,075
Morro Bay	1,695,118	\$6,090,524
Santa Barbara	14,424,189	\$24,142,390
Los Angeles	25,520,584	\$18,023,804
San Diego	5,088,146	\$11,370,053
Total	110,053,534	\$148,143,454

Data Source: Department's Marine Region, Marine Fisheries Statistical Unit

Top Commercial Fishery Numbers

Total Commercial Landing Fees Collected: **\$880,486**

Top Ex-Vessel Value: **Dungeness Crab**

Top Weight: **Market Squid**

Total Number of Licensed Fishing Licenses, Commercial Vessels, and Revenue for 2019

Type	Numbers Sold	Revenue
Resident Vessel	2,799	\$1,039,829
Non-Resident Vessel	307	\$114,051
Passenger Fishing Vessel	556	\$206,554
Total Vessels	3,662	\$1,360,434
Resident License	5,523	\$781,505
Non-Resident License	817	\$115,606
Total Licenses	6,340	\$897,111

Data Source: Department's License and Revenue Branch

Top Commercial Fisheries by Ex-Vessel Value

Fishery	Pounds	Ex-Vessel Value
Dungeness crab	15,609,191	\$51,804,257
Chinook salmon	2,573,835	\$16,385,760
Market squid	27,198,474	\$13,434,163
California spiny lobster	823,369	\$11,321,272
Sablefish	3,122,499	\$6,331,383
Spot prawn	414,732	\$6,285,771
Red sea urchin	2,375,173	\$5,044,409
Bigeye tuna	1,192,408	\$4,123,709
California halibut	715,005	\$3,933,489
Shortspine thornyhead	511,997	\$2,128,740

*Note that landings and value are reported for the calendar year (January 1 – December 31) This may differ from seasonal landings for specific fisheries reported elsewhere.

Data source: Department's Marine Region, Marine Fisheries Statistical Unit

Top Commercial Species Landed by Weight

Fishery	Pounds	Ex-Vessel Value
Market squid	27,198,474	\$13,434,163
Northern anchovy	22,408,988	\$1,161,015
Dungeness crab	15,609,191	\$51,804,257
Pacific mackerel	8,313,915	\$1,268,259
Pacific sardine	4,079,776	\$211,180
Sablefish	3,122,499	\$6,331,383
Dover sole	3,087,543	\$1,429,544
Chinook salmon	2,573,835	\$16,385,760
Ocean (pink) shrimp	2,521,300	\$1,711,227
Red sea urchin	2,375,173	\$5,044,409

*Note that landings and value reported over the calendar year (January 1 – December 31) may differ from seasonal landings for specific fisheries reported elsewhere.

Data source: Department's Marine Region, Marine Fisheries Statistical Unit

Commercial Landings of Key Groundfish by Species

Species	Pounds	Ex-Vessel Value
Nearshore	486,783	\$2,532,158
Shelf and slope rockfish	3,283,325	\$2,185,332
Dover sole, thornyheads, sablefish (black cod)	7,126,152	\$10,175,055
Remaining Flatfish	1,556,256	\$1,624,995
Other	1,007,800	\$959,075
Totals	13,460,316	\$17,476,615

Data Source: Department's Marine Landings Database System

2019 California Recreational Fishing

California Recreational Fisheries Survey Sampling

- Surveys Conducted: **302,658 angler trips**
- Estimated Recreational Fishing Trips: **>3,400,000**
- Estimated Total Fish Caught: **>10,000,000**
- Data collected from: **215,729 fish and invertebrates**

Data Source: Department's Marine Region, California Recreational Fisheries Survey

Total Recreational Licenses Sold and Fees Collected in 2019

License Type	Numbers Sold	Value
All Recreational Fishing Licenses	1,643,368	\$60,295,222
Spiny Lobster Report Card	32,612	\$301,661
Ocean Enhancement Validation	267,864	\$1,406,286

Note that recreational fishing licenses are valid for ocean and inland fishing in California.

Data Source: Department's License and Revenue Branch

Top Five Types of Fish Targeted¹ by Recreational Anglers Based on Fishing Trips

Rank	Trip-Type and Top Species Targeted ¹	Estimated Number of Angler Trips (thousands)
1	Bottomfish: Rockfish, basses (kelp/calico bass, and barred sand bass), ocean whitefish, California scorpionfish and lingcod	805
2	Inshore: California halibut, Pacific herring, jacksmelt and spotted sand bass	318
3	Coastal Migratory: Chub (Pacific) mackerel, Pacific barracuda, Pacific bonito and yellowtail	175
4	Highly Migratory: Yellowfin tuna, bluefin tuna, skipjack tuna, dolphinfish (dorado) and albacore tuna	122
5	Salmon: Chinook salmon	106

¹For each trip-type, the top species targeted are listed based on the estimated total catch. The estimates and data were extracted from the Recreational Fisheries Information Network (RecFIN) database at www.recfin.org and supplemented by data from the Department's Fisheries Analytics Project. Highly Migratory Species effort from Commercial Fishing Passenger Fishing Vessels (CPFVs) was summed from the Marine Logs System.

Data source: Department's Marine Region Fisheries Analytics Project and Ocean Salmon Project

Top 10 Types of Fish Caught¹ by Recreational Anglers Based on Pounds

Rank	Type of Fish	Estimated Pounds of Fish Caught ¹
1	Rockfish, greenlings and cabezon	3,847,000
2	Tunas (bluefin, yellowfin, albacore and skipjack)	1,276,000
3	Salmon² (Chinook salmon)	750,000
4	Flatfish (California halibut, sanddabs, soles, Pacific halibut and starry flounder)	747,000
5	Lingcod	682,000
6	Chub (Pacific) mackerel	304,000
7	California scorpionfish	248,000
8	Basses (kelp/calico bass, barred sand bass, and spotted sand bass)	229,000
9	Yellowtail	154,000
10	Croakers (white seabass, croakers and California corbina)	113,000

¹Fish Caught = fish kept and fish released dead, estimates are preliminary and may differ from what is used for fisheries management.

²The Pacific Fisheries Management Council uses numbers of salmon harvested for fishery management, numbers were converted to weight in pounds by the Ocean Salmon Project. Other estimates and data were extracted from RecFin database at www.recfin.org and supplemented by the Department's Fisheries Analytics Project. CPFV catch was summed from Marine Logs System.

Data source: Department's Marine Region Fisheries Analytics Project and Ocean Salmon Project

Permitting and Environmental Review

- Environmental Documents Reviewed (plans, surveys, reports, permits, etc.): **385**
- Pre-Project Review: **83**
- Aquaculture registrations issued: **43**
- Live Import, Restricted Species, and Broodstock Collection Permits, and Letters of Authorization Issued: **69**
- Scientific collecting permits issued/renewed: **178**
 - Scientific Collecting Permits Issued within Marine Protected Areas: **66**

Data source: Department's Marine Region, Environmental Review and Water Quality Project

Additional Marine Region Efforts:

- **30** Enhanced Status Reports completed
- **40** articles on the Marine Management News published by Marine Region staff
- **40,000** MPA outreach materials distributed
- **>2,000** Marine Region Research Dives

Marine Protected Area information available at
<https://wildlife.ca.gov/Conservation/Marine/MPAs>