

MARINE REGION

2015 BY THE NUMBERS



Marine Region: Area, Staff, 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.
- As of Dec. 31, 2015 there were **141 permanent and 122 temporary staff positions** within the Marine Region.
- For the 2015-2016 fiscal year, the Marine Region's **total annual budget** was \$19,812,483

2015 Commercial Fishing

Weight and Ex-Vessel Value of California Commercial Landings in 2015		
Port Area	Pounds	Value
Eureka	15,569,359	\$17,922,284
Fort Bragg	6,625,960	\$11,174,134
Bodega Bay	2,160,982	\$3,913,560
San Francisco	15,735,360	\$16,590,343
Monterey	73,962,146	\$17,339,414
Morro Bay	3,980,099	\$10,097,417
Santa Barbara	49,855,832	\$34,621,433
Los Angeles	15,072,694	\$11,673,325
San Diego	2,542,269	\$9,266,354
Total	185,504,701	\$132,598,263

Total Number of Licensed Commercial Vessels and License Fees for April 2015 - March 2016		
	Number Sold	Revenue
Resident Vessel	2,891	\$1,007,514
Resident License	5,542	\$735,701
Non-Resident Vessel	316	\$110,126
Non-Resident License	907	\$120,404
Passenger Fishing Vessel	480	\$167,280
Total	10,136	\$2,141,024

2015 Commercial Fishing, cont.

- Commercial **landing tax** collected in 2015¹: \$594,070
- Top commercial fishery by **ex-vessel value** for 2015: Market Squid - \$23,714,701 (in 2014: \$72,511,069)
- Top commercial fishery by **weight** for 2015: Market Squid - 78,724,810 lb. (in 2014: 226,946,286 lb.)

Top California Commercial Fisheries by Value in 2015		
	Ex-Vessel Value	Pounds
Market squid	\$23,706,608	78,562,944
Dungeness crab	\$17,075,088	3,112,963
Spiny lobster	\$15,802,738	767,322
Sablefish (black cod)	\$8,888,308	3,705,961
Ocean (pink) shrimp	\$8,621,180	7,646,695
Chinook salmon	\$8,060,410	1,174,044
Red sea urchin	\$6,869,391	8,089,232
Spot prawn	\$6,324,426	491,799
Swordfish	\$3,615,474	942,547
Bigeye tuna	\$3,127,909	949,562

Top California Commercial Fisheries by Weight in 2015		
	Pounds	Ex-Vessel Value
Market squid	78,562,944	\$23,706,608
Northern anchovy	38,108,953	\$2,006,452
Pacific mackerel	12,342,472	\$1,178,280
Red sea urchin	8,089,232	\$6,869,391
Ocean (pink) shrimp	7,646,695	\$8,621,180
Dover sole	4,147,177	\$1,857,371
Pacific sardine	3,747,446	\$342,949
Sablefish (black cod)	3,705,961	\$8,888,308
Dungeness crab	3,112,963	\$17,075,088
Jack mackerel	2,831,812	\$214,409

¹ This figure is approximately half the taxes collected in 2014, primarily due to the drop in the number of Dungeness crab, market squid, and Pacific sardine landings in 2015. The Dungeness crab fishery did not open in Fall/Winter 2015 due to health concerns (domoic acid in crab). The market squid industry voluntarily curtailed fishing activity in early 2015 as the landing total neared the quota; environmental conditions may have been a factor in reduced landings later in the year. The Pacific sardine fishery closed early in 2015.

California Commercial Landings of Key Groundfish Species (All Gear Types)		
Species	Pounds	Ex-Vessel Value
Nearshore ¹	636,004	\$3,086,789
Shelf and Slope Rockfish	924,117	\$984,454
Dover Sole, Thornyhead, Sablefish (black cod)	9,987,216	\$13,385,568
Remaining Flatfish ²	1,953,507	\$1,904,791
Other	996,168	\$997,539
Total	14,421,080	\$20,002,794

¹ Includes nearshore rockfish, California scorpionfish, cabezon, greenling, and California sheephead

² Does not include California halibut

Data Source: Pacific Fisheries Information Network database, extracted 05/11/2016

2015 Recreational Fishing

Total Recreational Fishing Licenses Sold and Fees Collected in 2015¹		
	Number Sold	Value
All Sport Fishing Licenses ²	1,782,0700	\$57,246,975
Abalone Report Card	25,542	\$529,997
Lobster Report Card	32,640	\$285,863
Ocean Enhancement Validation	265,816	\$ 1,262,626

¹ Does not include 5% handling fee and 3% processing fee. Total as of 12/31/2015

² Sport fishing licenses provide the privilege to fish in either saltwater or freshwater

- Estimated number of recreational fishing trips: approximately **4 million fishing trips in marine waters**
- Estimated number of fish caught: approximately **11.7 million**
- Number of angling parties contacted by California Recreational Fisheries Survey staff: over **58,000 parties**
- Number of fish that anglers reported catching: over **541,000 fish and invertebrates**
- Number of fish and invertebrates examined by California Recreational Fisheries Survey staff: over **222,000 fish and invertebrates**

2015 Recreational Fishing, cont.

Top Five Types of Fish Targeted by Recreational Anglers in California During 2015		
Rank	Trip Target and Top Species Caught ¹	Estimated Number of Angler Trips (thousands)
1	Bottomfish: Rockfish, Basses (Kelp/Calico Bass, Barred Sand Bass), Lingcod, California Scorpionfish	890
2	Inshore Fish: Surfperch, California Halibut, Leopard Shark, Jacksmelt	806
3	Coastal Migratory Fish: Yellowtail, Chub (Pacific) Mackerel, Pacific Bonito, and Pacific Barracuda	432
4	Anadromous* Fish Other Than Salmon: Striped Bass, White Sturgeon	202
5	Highly Migratory Fish: Tunas (Bluefin, Yellowfin, Albacore), Thresher Shark, Wahoo, Dolphinfin (dorado)	150

*fish that migrate between the ocean and fresh water

Data Sources: CDFW California Recreational Fisheries Survey estimates and data were extracted from the RecFIN database at www.recfin.org/data/estimates/tabulate-recent-estimate-2004-current. Supplemental data and estimates were provided by the CDFW Recreational Fisheries Data Project.

Top 10 Types of Fish Commonly Caught by Recreational Anglers in California During 2015		
Rank	Fish Type	Estimated Pounds of Fish Harvested
1	Rockfish	2,899,079
2	Tunas	2,373,497
3	Yellowtail	1,640,239
4	Lingcod	1,428,596
5	Chub (Pacific) Mackerel	649,261
6	Surfperches	568,793
7	Salmon ¹	378,251
8	Basses (Kelp/Calico Bass, Barred Sand Bass, and Spotted Sand Bass)	292,154
9	Flatfish (California Halibut, Sanddab, Pacific Halibut, Sole, Starry Flounder)	245,154
10	California Scorpionfish	213,848

¹The Pacific Fisheries Management Council uses numbers of salmon harvested for fishery management. Numbers were converted to weight in pounds using the RecFIN average weight of 10.4 pounds per fish.

Data Sources: CRFS data extracted from RecFin database at www.recfin.org/data/estimates/tabulate-recent-estimate-2004-current. Supplemental data and estimates were provided by the Recreational Fisheries Data Project. The salmon numbers are from the Pacific Fishery Management Council website at www.pcouncil.org/salmon/stock-assessment-and-fishery-evaluation-safe-documents/review-of-2015-ocean-salmon-fisheries/.

2015 Regulatory Activity

- **9 state regulatory packages** completed
- **31 reports** submitted for federal regulatory actions

2015 Permitting and Environmental Review

- Number of marine **Scientific Collecting Permits** issued: **172**
- Number of **environmental documents** reviewed (plans, permits, public notices, etc.): **681**
- Number of **comment letters** submitted: **30**
- **Other permitting/environmental review documents** issued or submitted: **140**

2015 Marine Protected Area Outreach Coordination

- Number of **marine protected area guidebooks** distributed: **27, 258**
- Number of **marine protected area brochures** distributed: **31,811**
- Number of **marine protected area posters** distributed: **1,600**
- Number of students receiving **marine protected area classroom information** through the Parks Online Resources for Teachers and Students program: **14,000**
- Number of **marine protected area interpretive and regulatory signs** installed statewide: **195**



For about a month in the summer of 2015, Mark Mayeda held the new state diving record for bluefin tuna with this 178 lb, 1 oz. fish. His record was broken less than a month later when an even larger fish was speared.

CDFW file photo