

# MARINE REGION

## 2017 BY THE NUMBERS



### 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.
- As of December 31, 2017 there were **129 permanent** and **91 temporary staff positions** within the Marine Region.
- For the 2016-2017 fiscal year, the Marine Region's total annual budget was **\$20,459,723**.

### 2017 Commercial Fishing

Weight and Ex-Vessel Value of California Commercial Landings in 2017		
Port Area	Pounds	Value
Eureka	14,945,906	\$19,573,832
Fort Bragg	5,327,587	\$9,704,027
Bodega Bay	3,509,742	\$13,527,036
San Francisco	14,161,565	\$26,218,208
Monterey	24,260,110	\$13,265,493
Morro Bay	4,873,325	\$8,830,375
Santa Barbara	94,983,169	\$65,760,724
Los Angeles	43,554,835	\$29,197,248
San Diego	2,246,751	\$10,071,731
<b>Total</b>	<b>207,862,990</b>	<b>\$196,148,674</b>

Total Number of Licensed Commercial Vessels and License Fees for April 2017 - March 2018		
	Number Sold	Revenue
Resident Vessel	2,777	\$991,891
Non-Resident Vessel	336	\$120,062
Passenger Fishing Vessel	502	\$179,233
<b>Total</b>	<b>3,615</b>	<b>\$1,291,186</b>
Resident License	5,407	\$742,569
Non-Resident License	1,142	\$156,814
<b>Total</b>	<b>6,549</b>	<b>\$899,383</b>

## 2017 Commercial Fishing, cont.

- Commercial **landing fees** collected in 2017: **\$1,025,384**
- Top commercial fishery by **ex-vessel value** for 2017: **Market squid - \$68,313,487**
- Top commercial fishery by **weight** for 2017: **Market squid - 136,841,250 lb.**

<b>Top California Commercial Species by Value in 2017</b>		
	<b>Ex-Vessel Value</b>	<b>Pounds</b>
Market squid	\$68,313,487	136,841,250
Dungeness crab	\$47,058,276	12,881,243
Spiny lobster	\$13,326,538	704,907
Sablefish (Black Cod)	\$9,032,329	3,611,074
Spot prawn	\$6,718,819	464,929
Red sea urchin	\$6,367,078	4,160,152
Chinook Salmon	\$4,850,068	496,197
Swordfish	\$3,902,916	1,037,263
Bigeye Tuna	\$3,449,251	1,139,353
Shortspine Thornyhead	\$3,391,841	746,060

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

<b>Top California Commercial Species by Weight in 2017</b>		
	<b>Pounds</b>	<b>Ex-Vessel Value</b>
Market squid	136,841,250	\$68,313,487
Dungeness crab	12,881,243	\$47,058,276
Northern Anchovy	12,014,102	\$780,785
Pacific Mackerel	4,880,471	\$619,734
Red sea urchin	4,160,152	\$6,367,078
Dover Sole	3,905,215	\$1,729,059
Yellowfin Tuna	3,851,683	\$2,414,884
Sablefish (Black Cod)	3,611,074	\$9,032,329
Ocean (pink) shrimp	3,470,780	\$1,627,788
Hagfishes	2,097,909	\$1,802,621

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

California Commercial Landings of Key Groundfish Species in 2017 (All Gear Types)		
Species	Pounds	Ex-Vessel Value
Nearshore <sup>1</sup>	457,998	\$2,429,213
Shelf and slope rockfish	1,278,949	\$1,363,556
Dover Sole, Thornyheads, Sablefish (Black Cod)	9,186,226	\$14,954,221
Remaining flatfish <sup>2</sup>	2,014,079	\$1,893,069
Other	917,437	\$962,361
Total	13,854,689	\$21,602,420

<sup>1</sup> Includes nearshore rockfish, California Scorpionfish, Cabezon, greenlings, and California Sheephead

<sup>2</sup> Does not include California Halibut

Data Source: Commercial Fisheries Information System (CFIS)

## 2017 Recreational Fishing

Total Recreational Fishing Licenses Sold and Fees <sup>1</sup> Collected in 2017		
	Number Sold	Value
All Sport Fishing Licenses <sup>2</sup>	1,788,381	\$58,527,152
Abalone Report Card	26,903	\$558,237
Lobster Report Card	32,507	\$284,436
Ocean Enhancement Validation <sup>3</sup>	258,136	\$1,226,146

<sup>1</sup> Does not include 5% handling fee and 3% processing fee. Total as of 12/31/2017

<sup>2</sup> Sport fishing licenses provide the privilege to fish in either saltwater or freshwater

<sup>3</sup> Only required for ocean fishing south of Point Arguello, Santa Barbara County

- Estimated number of recreational fishing trips: approximately **3.5 million fishing trips in marine waters**
- Estimated number of fish caught: approximately **13 million fish**
- Number of angling parties contacted by California Recreational Fisheries Survey staff: over **138,000 angling parties**
- Number of fish and invertebrates that anglers reported catching: roughly **577,000 fish and invertebrates**
- Number of fish and invertebrates examined by California Recreational Fisheries Survey staff: nearly **196,000 fish and invertebrates**

## 2017 Recreational Fishing, cont.

Top Five Types of Fish Targeted by Anglers in California During 2017, Based on Estimated Numbers of Angling Fishing Trips		
Rank	Trip Type: Top Species Caught <sup>1</sup>	Estimated Number of Angler Trips (thousands)
1	<b>Inshore:</b> Surfperch, California Halibut, Leopard Shark, and Jacksmelt	1,499
2	<b>Bottomfish:</b> Rockfish, Basses (Kelp/Calico Bass and Barred Sand Bass), Lingcod, and California Scorpionfish	798
3	<b>Coastal Migratory:</b> Yellowtail, Chub (Pacific) Mackerel, Pacific Bonito, and Pacific Barracuda	288
4	<b>Salmon:</b> Chinook	74
5	<b>Other Anadromous:</b> Striped Bass and Sturgeon	50

<sup>1</sup> For each trip target, the top species targeted are listed based on the estimated total of number of contributing anglers for the species or species group.

Data Sources: The CRFS estimates and data were extracted from RecFin database at [www.recfin.org](http://www.recfin.org) and supplemental data and estimates were provided by the CDFW Recreational Fisheries Data Project and Ocean Salmon Project.

Top 10 Types of Fish Commonly Caught by Anglers in California During 2017, Based on Estimated Pounds of Fish Harvested <sup>1</sup>		
Rank	Fish Type	Estimated Pounds of Fish Harvested
1	<b>Rockfish, Greenling, and Cabezon</b>	2,964,172
2	<b>Lingcod</b>	1,118,174
3	<b>Tunas</b>	983,931
4	<b>Surfperches</b>	597,093
5	<b>Yellowtail</b>	576,930
6	<b>Chub (Pacific) Mackerel</b>	574,677
7	<b>Flatfish</b> (California Halibut, Sanddab, Pacific Halibut, Sole, Starry Flounder)	503,006
8	<b>Salmon<sup>2</sup></b> (Chinook Salmon)	476,268
9	<b>Basses</b> (Kelp/Calico Bass, Barred Sand Bass, and Spotted Sand Bass)	289,197
10	<b>Croakers</b> (White Seabass, Corbina, Corvina and Croakers)	161,988

<sup>1</sup> Fish Harvested = fish kept and fish released dead

<sup>2</sup> Pacific Fishery Management Council uses numbers of salmon harvested for fishery management, numbers were converted to weight in pounds by CDFW Ocean Salmon Project staff.

Data Source: The CRFS data were extracted from the RecFin database at [www.recfin.org/](http://www.recfin.org/)



## 2017 Permitting and Environmental Review

- Number of **pre-project review meetings**: **over 65**
- Number of **environmental documents** reviewed (plans, surveys, reports, permits, public notices etc.): **more than 650**
- Number of **Scientific Collecting Permits** issued: **207**

## 2017 Marine Protected Area Outreach

- Number of **marine protected area guidebooks** distributed: **35,180**
- Number of **marine protected area brochures** distributed: **10,250**
- Number of **marine protected area information cards** distributed: **342**
- Number of students receiving **marine protected area classroom information** through the Parks Online Resources for Teachers and Students program: **24,061**
- Number of **locations distributing MPA publications** statewide: **224**



CDFW file photo

**2016 and 2017 were good years for Calico Surfperch (*Amphistichus koelzi*) with back-to-back angling records that tied perfectly at 1 lb. 14 oz. each. 2016's Calico Surfperch was caught by Kirk Lombard off the San Mateo County coast, while 2017's Calico Surfperch was caught by Jeffrey Yuan (left) off the San Luis Obispo County coast.**