



# **MARINE REGION**

## **2018 BY THE NUMBERS**

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.

## Marine Region: Area, Staff, and Funding

For the 2017-2018 fiscal year, the Marine Region budget was **\$20,459,723.**

As of December 31, 2018 there were **147 permanent** and **98 temporary** staff positions within the Marine Region.

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# 2018 California Commercial Fishing

## Weight and Ex-Vessel Value of California Commercial Landings in 2018

Port Area	Pounds	Value
Eureka	27,104,422	\$52,210,406
Fort Bragg	4,758,204	\$9,322,768
Bodega Bay	1,959,745	\$7,173,223
San Francisco	12,432,103	\$20,220,527
Monterey	63,828,070	\$20,225,594
Morro Bay	1,803,587	\$4,957,877
Santa Barbara	34,828,207	\$36,801,833
Los Angeles	29,312,445	\$21,975,766
San Diego	2,847,650	\$10,849,802
<b>Totals</b>	<b>178,874,433</b>	<b>\$183,737,796</b>

Data source: CDFW Marine Region, Marine Fisheries Statistical Unit

## Total Number of Licensed Commercial Vessels, Commercial Fishing Licenses, and Revenue for 2018

	Number Sold	Revenue
Resident Vessel	2,458	\$884,266
Non-Resident Vessel	296	\$106,486
Passenger Fishing Vessel	560	\$201,460
<b>Total</b>	<b>3,314</b>	<b>\$1,192,212</b>
Resident License	5,499	\$753,363
Non-Resident License	831	\$113,847
<b>Totals</b>	<b>6,330</b>	<b>\$867,210</b>

Data source: CDFW License and Revenue Branch

 2018 commercial landing fees collected: **\$1,337,517**

 2018 top commercial fishery by **ex-vessel value: Dungeness crab**

 2018 top commercial fishery by **weight: Market squid**

Data source: CDFW Accounting Services Branch and Marine Region, Marine Fisheries Statistical Unit

### Top California Commercial Species by Value in 2018

Species	Ex-Vessel Value	Pounds
Dungeness Crab	\$63,554,342	18,805,626
Market Squid	\$35,767,673	73,145,367
California Spiny Lobster	\$14,217,951	870,552
Chinook Salmon	\$7,639,634	924,856
Spot Prawn	\$7,153,097	496,285
Sablefish (Black Cod)	\$6,428,898	3,040,652
Red Sea Urchin	\$6,099,940	3,299,603
Bigeye Tuna	\$4,007,113	1,353,903
Ocean (Pink) Shrimp	\$3,659,889	5,086,164
California Halibut	\$3,274,341	551,265

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: CDFW Marine Region, Marine Fisheries Statistical Unit

### Top California Commercial Species by Weight in 2018

Species	Pounds	Ex-Vessel Value
Market Squid	73,145,367	\$35,767,673
Northern Anchovy	38,364,968	\$1,977,539
Dungeness Crab	18,805,626	\$63,554,342
Pacific (Chub) Mackerel	5,530,671	\$987,135
Ocean (Pink) Shrimp	5,086,164	\$3,659,889
Dover Sole	3,544,523	\$1,668,406
Red Sea Urchin	3,299,603	\$6,099,940
Yellowfin Tuna	3,123,323	\$1,724,662
Sablefish (Black Cod)	3,040,652	\$6,428,898
Skipjack Tuna	2,478,659	\$955,181

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: CDFW Marine Region, Marine Fisheries Statistical Unit

## California Commercial Landings of Key Groundfish Species in 2018 (all gear types)

Species	Pounds	Ex-Vessel Value
Nearshore <sup>1</sup>	435,470	\$2,276,193
Shelf and slope rockfish	2,624,551	\$1,784,421
Dover Sole, Thornyheads, Sablefish (Black Cod)	7,525,535	\$10,980,721
Remaining flatfish <sup>2</sup>	1,827,959	\$1,678,910
Other	1,025,508	\$992,095
<b>Totals</b>	<b>13,439,023</b>	<b>\$17,712,340</b>

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

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

Data source: CDFW Marine Landings Database System

## More Commercial Fishing Information

### California Commercial Landings Data

[www.wildlife.ca.gov/Fishing/Commercial/Landings](http://www.wildlife.ca.gov/Fishing/Commercial/Landings)

### General California Commercial Fishing Information

[www.wildlife.ca.gov/Fishing/Commercial](http://www.wildlife.ca.gov/Fishing/Commercial)

# 2018 California Recreational Fishing

-  *Estimated number of recreational fishing trips: approximately **3.4 million fishing trips in marine waters***
-  *Estimated number of fish caught: approximately **10 million fish***
-  *Number of anglers that provided effort and catch data to California Recreational Fisheries Survey staff: over **100,000 anglers***
-  *Number of fish and invertebrates that interviewed anglers reported catching: roughly **553,000 fish and invertebrates***
-  *Number of fish and invertebrates California Recreational Fisheries Survey staff observed and collected biological data from: over **195,000 fish and invertebrates***

*Data source: CDFW Marine Region, California Recreational Fisheries Survey*

## Total Recreational Fishing Licenses Sold and Fees<sup>1</sup> Collected in 2018

License Type	Number Sold	Value
All Recreational Fishing Licenses <sup>2</sup>	1,776,848	\$60,295,222
Abalone Report Card	<a href="#">Season Closed</a>	
Spiny Lobster Report Card	32,763	\$294,867
Ocean Enhancement Validation <sup>3</sup>	264,588	\$1,322,940

<sup>1</sup> Does not include five percent handling fee and three percent processing fee.

<sup>2</sup> Recreational fishing licenses permit fishing in saltwater and freshwater.

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

*Data source: CDFW License and Revenue Branch 7/31/2019*

## Top Five Types of Fish Targeted by Recreational Anglers in California During 2018, Based on Estimated Numbers of Angling Fishing Trips

Rank	Trip Type and Top Species Caught <sup>1,2</sup>	Estimated Number of Angler Trips (thousands)
1	<b>Bottomfish:</b> Rockfish, Basses (Kelp (Calico) Bass, Barred Sand Bass), Lingcod, and California Scorpionfish (Sculpin)	765
2	<b>Inshore:</b> California Halibut, Leopard Shark, and Jacksmelt	305
3	<b>Coastal Migratory:</b> Yellowtail, Pacific (Chub) Mackerel, Pacific Bonito, and Pacific Barracuda	240
4	<b>Salmon:</b> Chinook Salmon	96
5	<b>Other Anadromous:</b> Striped Bass and Sturgeon	58

<sup>1</sup>For each **Trip Type**, species are listed in order of total catch.

<sup>2</sup> Does not include effort and catch from beaches and banks.

Data Sources: The California Recreational Fishery Survey estimates were extracted from the RecFin database at [www.recfin.org](http://www.recfin.org) and supplemental estimates were provided by CDFW Marine Region, Fisheries Analytics Project and Ocean Salmon Project.

## Top 10 Types of Fish Commonly Caught by Recreational Anglers in California During 2018, Based on Estimated Pounds of Fish Harvested<sup>1, 2</sup>

Rank	Fish Type	Estimated Pounds of Fish Harvested
1	<b>Rockfish, Greenling and Cabezon</b>	3,136,548
2	<b>Tunas</b> (Bluefin, Yellowfin, Albacore, and Skipjack)	1,170,862
3	<b>Lingcod</b>	889,457
4	<b>Salmon<sup>3</sup></b> (Chinook Salmon)	648,995
5	<b>Flatfish</b> (California Halibut, Sanddab, Pacific Halibut, Soles, Starry Flounder)	457,115
6	<b>Pacific (Chub) Mackerel</b>	425,961
7	<b>Basses</b> (Kelp (Calico) Bass, Barred Sand Bass, and Spotted Sand Bass)	276,351
8	<b>California Scorpionfish</b> (Sculpin)	217,998
9	<b>Yellowtail</b>	183,774
10	<b>Croakers</b> (White Seabass, Corbina, Corvina, and Croakers)	113,408

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

<sup>2</sup> Does not include harvest from beaches and banks.

<sup>3</sup> The Pacific Fishery Management Council uses numbers of salmon harvested for fishery management; numbers were converted to weight in pounds by CDFW Marine Region Ocean Salmon Project staff.

Data Sources: The California Recreational Fishery Survey estimates were extracted from the RecFin database at [www.recfin.org](http://www.recfin.org) and supplemental estimates were provided by CDFW Marine Region, Fisheries Analytics Project and Ocean Salmon Project.

# 2018 Permitting and Environmental Review

-  Number of **pre-project review meetings**: **over 60**
-  Number of **environmental documents** reviewed (plans, surveys, reports, permits, public notices, etc.): **more than 600**
-  Number of **scientific collecting permits** issued: **178**

Data source: CDFW Marine Region, Environmental Review and Water Quality Project

# 2018 Marine Protected Area Outreach

-  Number of **marine protected area guidebooks** distributed: **more than 14,600**
-  Number of **marine protected area brochures** distributed: **36,300**
-  Number of **marine protected area posters** distributed: **7,500**
-  Number of **marine protected area logo stickers** distributed: **1,300**
-  Number of **marine protected area information cards** distributed: **400**
-  Number of **locations distributing marine protected area publications** statewide: **235**

Marine Protected Area information available at [www.wildlife.ca.gov/MPAs](http://www.wildlife.ca.gov/MPAs)

Data source: CDFW Marine Region, Marine Protected Areas Project