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.
2019 California Commercial Fishing

Weight and Ex-Vessel Value\(^1\) of Commercial Landings by Port

\(^1\)Ex-Vessel Value is the amount paid to the fishermen at the dock.

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

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

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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

<table>
<thead>
<tr>
<th>Type</th>
<th>Numbers Sold</th>
<th>Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Vessel</td>
<td>2,799</td>
<td>$1,039,829</td>
</tr>
<tr>
<td>Non-Resident Vessel</td>
<td>307</td>
<td>$114,051</td>
</tr>
<tr>
<td>Passenger Fishing Vessel</td>
<td>556</td>
<td>$206,554</td>
</tr>
<tr>
<td><strong>Total Vessels</strong></td>
<td><strong>3,662</strong></td>
<td><strong>$1,360,434</strong></td>
</tr>
<tr>
<td>Resident License</td>
<td>5,523</td>
<td>$781,505</td>
</tr>
<tr>
<td>Non-Resident License</td>
<td>817</td>
<td>$115,606</td>
</tr>
<tr>
<td><strong>Total Licenses</strong></td>
<td><strong>6,340</strong></td>
<td><strong>$897,111</strong></td>
</tr>
</tbody>
</table>

*Data Source: Department’s License and Revenue Branch*

### Top Commercial Fisheries by Ex-Vessel Value

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

*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

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

*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

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

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

<table>
<thead>
<tr>
<th>License Type</th>
<th>Numbers Sold</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Recreational Fishing Licenses</td>
<td>1,643,368</td>
<td>$60,295,222</td>
</tr>
<tr>
<td>Spiny Lobster Report Card</td>
<td>32,612</td>
<td>$301,661</td>
</tr>
<tr>
<td>Ocean Enhancement Validation</td>
<td>267,864</td>
<td>$1,406,286</td>
</tr>
</tbody>
</table>

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 Targeted\(^1\) by Recreational Anglers Based on Fishing Trips

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

\(^1\)For 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 Caught\(^1\) by Recreational Anglers Based on Pounds

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

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

\(^2\)The 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