



PFMC Meeting HMS SAFE Portal

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Pacific Fisheries Information Network

1. Coordinate with federal and state agencies
2. Combine and standardize partner-supplied data
3. Provide access through various means



PFMC HMS SAFE

pcouncil.org/safe-documents-2/

Restore Dow

PACIFIC FISHERY MANAGEMENT COUNCIL

Coastal pelagic species +

Ecosystem-based
management +

Groundfish +

Highly migratory species X

Biennial management

Fishery management
plan and amendments**Stock assessment &
fishery evaluation
documents** X

Introduction

Council HMS
activitiesFMP regulatory
frameworkCommercial fishery
descriptionsHMS landings by
speciesSummaries of
commercial fishery
catch, revenue, and

HMS stock assessment and fishery evaluation (SAFE) documents

CONTACT US



The current SAFE document is maintained online and accessed on this page. An archive (pdf) version is created at the end of each year, compiling the online content except for commercial and recreational catch, landings, and revenue tables.

Current SAFE Report

1. [Introduction](#)
2. [Council HMS activities](#)
3. [FMP regulatory framework](#)
4. Description of fisheries and statistical summaries of catch, revenue and effort
 - o [Commercial fisheries descriptions](#)
 - o [Commercial fishery landings by species](#)
 - o [Summaries of commercial fishery catch, revenue, and effort \(PacFIN data\)](#)
 - o [Recreational Fishery description and summary of catch and effort](#)
 - o [U.S.-Canada Albacore Treaty data exchange tables](#)
 - o [Pacific-wide HMS catch](#)
5. [Status of HMS stocks](#)



HMS SAFE Data Export

HMS SAFE PacFIN Tables 2203 : Table 1

Table 1. West Coast commercial HMS landings (round mt), nominal revenue (\$1,000s), and average prices (\$/lb) by species, 2020-2021.

Time run:
3/22/2022 1:23:42
PM

		2020			2021		
		Landings (mt)	Revenue (\$1,000)	Average Price (\$/lb)	Landings (mt)	Revenue (\$1,000)	Average Price (\$/lb)
Tunas	Albacore Tuna	7,190	24,209	\$1.53	3,591	15,956	\$2.02
	Bigeye Tuna	473	3,142	\$3.01	405	2,939	\$3.29
	Bluefin Tuna	231	1,188	\$2.33	216	1,722	\$3.62
	Skipjack Tuna	179	168	\$0.42	3	8	
	Yellowfin Tuna	1,719	2,585	\$0.68	53	316	\$2.72
Swordfish	Swordfish	341	1,694	\$2.25	146	848	\$2.63
Sharks	Blue Shark	3	0.2		2	0.2	
	Common Thresher Shark	61	92	\$0.68	33	56	\$0.76
	Shortfin Mako Shark	17	24	\$0.64	11	21	\$0.83
Dorado	Dorado/Dolphinfish	13	54	\$1.84	7	36	\$2.26
Total HMS		10,228	33,155		4,468	21,901	

Confidential data (less than 3 vessels or dealers) is suppressed and highlighted yellow.

Average price per pound not reported for cells highlighted in orange because landings less than 5 mt.

Blank cells indicate null value (no data exist for that stratum).

Revenue and weight rounded to nearest whole unit. If revenue or weight was 1 it was rounded to nearest 0.1 of a unit.

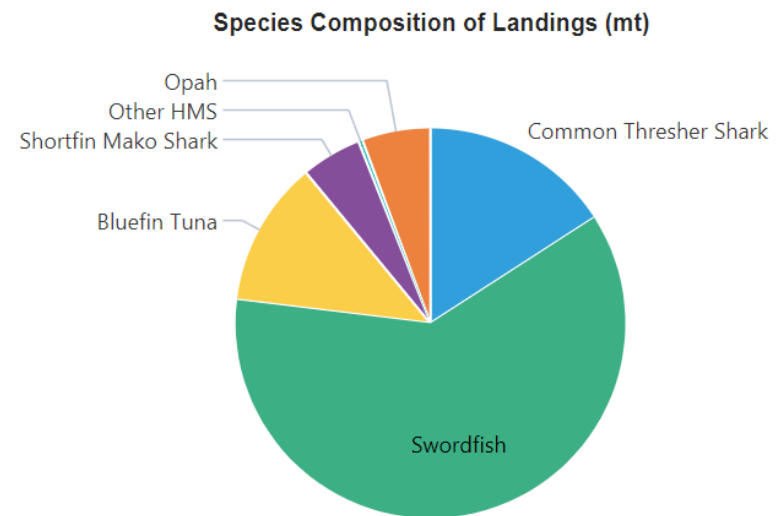
Revenues are not adjusted for inflation.

Average prices are estimated as revenue divided by round pounds.



HMS SAFE Portal in Development

- **HMS Overview**
 - Annual metrics
 - HMS fishery description
- **SAFE Highlights**
 - Fishery level overview
 - Static and dynamic text
 - Aggregated charts by fishery
- **Available Data Reports**
 - Catch and revenue reports
 - Public, non-confidential data



PacFIN APEX Reporting System

Web-based reporting system that offers:

- **Public and Secure Access** - Provides for both public reporting as well as secure access to confidential data
- **Dynamic Reports** - Providing access to the most recent sources available in the PacFIN database
- **Filterable Data** - Customize report through pre-defined filters and options for reporting
- **Downloadable** - Export data to comma-delimited, MS Excel, or Adobe PDF (when available) files

The screenshot displays the PacFIN APEX Reporting System interface. The main content area shows a report titled 'HMSSAFE001 - West Coast Commercial Landings' with a table of data. The table has columns for 'Year' and various fish species: Albacore Tuna, Bigeye Tuna, Bluefin Tuna, Skipjack Tuna, Unspecified Tuna, Yellowfin Tuna, Swordfish, Blue Shark, and Common T. The data rows range from 2012 to 2021. A sidebar on the right shows 'Filters applied' with a list of species groups including Albacore Tuna, Blue Shark, Common Thresher Shark, and Skipjack Tuna. The top navigation bar includes 'Alerts 5', 'Dashboard', 'Search', 'Help', and 'Public'.

Year	Albacore Tuna	Bigeye Tuna	Bluefin Tuna	Skipjack Tuna	Unspecified Tuna	Yellowfin Tuna	Swordfish	Blue Shark	Common T
2021	3591								
2020	7190	473	231	179		478	465	3	
2019	7585							15	
2018	6951	615		1124		1417	648	3	
2017	7462			42		174	688		
2016	10451	523	356	36		93	629		
2015	11313	440	98	110		596	624		
2014	12467					100	671		
2013	12938		10			6	533		
2012	13935								

PacFIN Website

The screenshot shows the PacFIN website homepage. At the top left is the PacFIN logo, a fish in a circle. To its right is the text "PacFIN Pacific Fisheries Information Network" and the URL "pacfin.psmfc.org". The navigation menu includes "HOME", "ABOUT", "DATA", "LINKS", and "CONTACT". A red arrow points to the "DATA" dropdown menu, which contains "APEX Reporting System", "Whiting Report", "Documentation", and "PacFIN Data FAQs". Below the navigation is a large banner image of a fishing boat on the ocean at sunset, with the signature "Kevin Cass" in the bottom right corner. Below the banner is a "Welcome To PacFIN" section with a "Thank you for visiting the website." message and a paragraph of introductory text. To the right of the main content is a sidebar with "Quick Links" (APEX Reporting System, Whiting Report, Data FAQs, Contact Us) and "Fisheries News" (6.0-Magnitude Earthquake Rattles). A second red arrow points to the "Quick Links" section. At the bottom left of the screenshot is the URL "https://pacfin.psmfc.org/#".



PacFIN APEX Reports Dashboard



Reports Dashboard

Locate and execute reports from the available list.

- ▼ All Species Reports (ALL)
 - ALL001 WOC All Species
 - ALL002 WOC All Species by Gear
 - ALL003 WOC All Species by INPFC Area
 - ALL004 WOC All Species by Agency
 - ALL005 WOC All Species by Port Group
 - ALL006 WOC All Species by Month
- ▼ IFQ Reports
 - IFQ001 Targeted Pacific Whiting Report
 - IFQ021 Combined Sector Salmon Bycatch ESA Report
- ▼ Coastal Pelagic Species Reports (CPS)
 - CPS001 CPS Landings by Quarter
 - CPS002 CPS Landings by Management Season
- ▼ Crab Reports (CRAB)
 - CRAB001 Dungeness Crab Landings by Month
 - CRAB002 Dungeness Crab Landings by Port
- ▼ Protected Resources Division
 - PRD001 - List of Fisheries
- ▼ Groundfish Reports (GMT)
 - GMT001 Groundfish Landings by INPFC Area
 - GMT002 Groundfish Landings by Reporting Source

Welcome to the Pacific Fisheries Information Network (PacFIN) APEX reporting system

The nation's first regional fisheries data network. PacFIN is a joint federal and state data collection and information management project. Cooperative agency and industry partners supply data from commercial fisheries off the coasts of Washington, Oregon and California. PacFIN combines the collected information in order to provide accurate estimates of commercial catch and value for the West Coast. Member agencies include:

- California Department of Fish & Wildlife (CDFW)
- Oregon Department of Fish & Wildlife (ODFW)
- Washington Department of Fish & Wildlife (WDFW)
- National Oceanic and Atmospheric Administration (NOAA)
- Pacific States Marine Fisheries Commission (PSMFC)
- Pacific Fisheries Management Council (PFMC)



HMS Overview

Pacific Fisheries Information Network

Alerts 5 Dashboard Search Help Public

Highly Migratory Species SAFE Portal

About SAFE Highlights Available Data

Pacific Fishery Management Council

West Coast Fisheries for Highly Migratory Species Landings and Revenue Data

Annual Statistics

HMS Fisheries in 2021

 4,523 mt metric tons of catch	 \$ 23 million estimated ex-vessel value	 347 vessels fishing	 153 dealers operating
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Portal Links

PacFIN APEX Reports Container

Annual Statistics



SAFE Highlights

Pacific Fisheries Information Network Alerts 5 Dashboard Search Help Public

Highly Migratory Species SAFE Portal

About SAFE Highlights Available Data

Surface Hook and Line Albacore Large Mesh Drift Gillnet Harpoon Coastal Purse Seine High Seas Longline

Tab Links by Fishery

Dynamic Charts

This has been an economically valuable fishery for all three West Coast states. (live bait) are the primary species. There is incidental catch by pelagic species. The fishing season varies by geographic conditions, which strongly influence the range of the West Coast fleet. Landings peak through October, with landings peaking in August-September. This fishery lands albacore almost exclusively with little incidental catch.

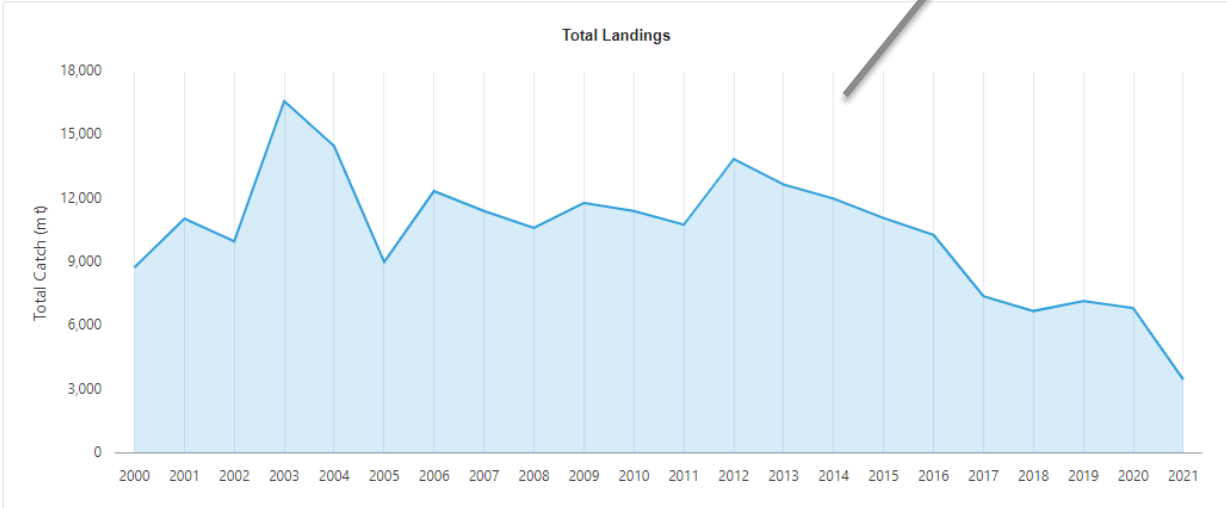
In **2021** landings in this fishery totaled **3,491 metric tons** worth **\$ 15.5 million** compared to **10,244 metric tons** worth **\$ 39.4 million** in 10-year average.

Between 2012-2021, the top four West Coast ports for albacore landings have been **Washington Coast, WA (57,350 metric tons, \$ 208.8 million)**, **Newport, OR (13,401 metric tons, \$ 53.1 million)**, **Coos Bay, OR (8,777 metric tons, \$ 34.0 million)**, **Astoria-Tillamook, OR (8,163 metric tons, \$ 31.3 million)**.

All aggregates with fewer than three vessels or dealers are considered confidential and are removed from reporting.

Dynamic Text

Surface Hook and Line Fishery for Albacore Tuna



Available Data

The screenshot shows the 'Available Data' page of the Pacific Fisheries Information Network. The page has a blue header with the network name and navigation links for Alerts, Dashboard, Search, Help, and Public. Below the header, there are navigation tabs for 'About', 'SAFE Highlights', and 'Available Data'. A 'Reports' dropdown menu is open, displaying a grid of report tiles. Each tile contains a document icon and a report title. On the left side, there is a section titled 'How to use these reports' with instructions and a 'Collapsible Reports Menu' containing three toggle options: 'Toggle between tabular data reports and charts', 'Select views of tabular data or charts', and 'Display footnotes beneath the report'. Three callout boxes are overlaid on the image: 'Report Instructions' points to the 'How to use these reports' section; 'Collapsible Reports Menu' points to the menu on the left; and 'Tile Links to Reports' points to the 'Reports' dropdown menu.

Report Instructions

Collapsible Reports Menu

Tile Links to Reports

How to use these reports

Select a report to view from the available reports menu. Some reports provide a single view of tabular data, while others provide multiple views of tabular data and charts.

Use buttons and menus within each report to perform various actions:

- Toggle between tabular data reports and charts
- Select views of tabular data or charts
- Display footnotes beneath the report

Reports

- West Coast Commercial Landings
- West Coast Albacore Surface Hook and Line
- West Coast Drift Gillnet
- West Coast Harpoon
- West Coast Purse Seine
- Pelagic Longline
- Monthly Commercial Landings by Year
- Annual Commercial Landings
- Nominal Price by Species and Fishery

https://apex.psmfc.org/pacfindew/?p=501:2001#available_data



Default Page Layout

HMSSAFE001 - West Coast Commercial Landings
 A summary of HMS total reported inflation-adjusted ex-vessel revenue or landings (metric tons) to U.S. West Coast ports. Use the Filter button to select YEARS and SPECIES GROUPS. See the Information button for an explanation of source data and business rules. Use Report Selector below to choose the landings or revenue view. Click here for HMS Fleet Descriptions or PacFIN Management Group Codes.

Highly Migratory Species SAFE Portal \ HMSSAFE001 - West Coast Commercial Landings

Report Select a Report View

Year	Albacore Tuna	Bigeye Tuna	Unspecified Tuna	Yellowfin Tuna	Swordfish
2021	3591	405	216	3	-
2020	7190	473	231	179	-
2019	7585	597	274	19	-
2018	6951	615	65	1124	-
2017	7462	520	486	42	***
2016	10451	523	356	36	***
2015	11313	440	98	110	***
2014	12467	185	408	19	***
2013	12938	***	10	***	***
2012	13935	49	43	***	-

Report run time: November 2nd, 2022 9:49am

Filters applied:

- Year(s)
 - 2011 - 2021
- Species Group
 - Albacore Tuna
 - Bigeye Tuna
 - Bluefin Tuna
 - Skipjack Tuna
 - Unspecified Tuna
 - Yellowfin Tuna
 - Swordfish
 - Blue Shark
 - Common Thresher Shark
 - Shortfin Mako Shark
 - Dorado

Menu Buttons

- Filters
- Downloads
- Available Reports
- Metadata
- Share Link

Report Title and Description

Breadcrumbs Links

Show Footnotes



Alternate View Options

Pacific Fisheries Information Network Alerts 5 Dashboard Search Help Public

HMSSAFE001 - West Coast Commercial Landings
 A summary of HMS total reported inflation-adjusted ex-vessel revenue or landings (metric tons) to U.S. West Coast ports. Use the Filter button to select YEARS and SPECIES GROUPS. See the Information button for an explanation of source data and business rules. Use Report Selector below to choose the landings or revenue view. Click here for HMS Fleet Descriptions or PacFIN Management Group Codes

Highly Migratory Species SAFE Portal \ HMSSAFE001 - West Coast Commercial Landings

Report Select a Report View

- Landings (round weight mt)
- Landings (round weight mt)
- Revenue**

Year	Tuna						Swordfish	Sharks			Dorado
	Albacore Tuna	Bigeye Tuna	Bluefin Tuna	Skipjack Tuna	Unspecified Tuna	Yellowfin Tuna	Swordfish	Blue Shark	Common Thresher Shark	Shortfin Mako Shark	Dorado/Dolphin
2021	3591	405	216	3	-	53	200	***	34	12	
2020	7190	473	231	179	-	1719	465	3	62	17	
2019	7585	597	274	19	-	460	421	15	57	34	
2018	6951	615	65	1124	-	1417	616	3	45	29	
2017	7462	520	486	42	***	1748	686	***	66	38	
2016	10451			36	***	379	629	***	50	30	
2015	11313			110	***	596	624	***	58	20	
2014	12467			19	***	1009	574	***	40	25	
2013	12938	***	10	***	***	6	533	***	71	31	

Hide Footnotes

* **** denotes that data in a category has been suppressed because there are < 3 vessels or dealers ** 0 represents < 0.5 unit of weight (mt or lbs), dollar amount or percent (revenue or landed weight)

Report View Selector

Collapsed Pane

Expanded Footnotes



Report Filters

HMSSAFE001 - West Coast Commercial Landings
 A summary of HMS total reported inflation-adjusted ex-vessel revenue or landings (metric tons) to U.S. West Coast ports. Use the Filter button to select YEARS and SPECIES GROUPS. See the Information button for an explanation of source data and business rules. Use Report Selector below to choose the landings or revenue view. Click here for HMS Fleet Descriptions or PacFIN Management Group Codes

Highly Migratory Species SAFE Portal \ HMSSAFE001 - West Coast C

Report Select a Report View Landin

Year	Albacore Tuna	Bigeye Tuna	Blue
2021	3591	405	
2020	7190	473	
2019	7585	597	
2018	6951	615	
2017	7462	520	
2016	10451	523	
2015	11313	440	
2014	12467	185	
2013	12938	***	
2012	13935	49	

Filters

Year Range
 Between 2011 and 2021

Species

- Albacore Tuna
- Bigeye Tuna
- Bluefin Tuna
- Skipjack Tuna
- Unspecified Tuna
- Yellowfin Tuna
- Blue Shark
- Shortfin Mako Shark
- Common Thresher Shark
- Swordfish
- Dorado

Filters for:

- Year Range
- Species

Report run time: November 2nd, 2022 9:49am

Filters applied:
 Year(s)
 • 2011 - 2021
 Species Group
 • Albacore Tuna
 • Bigeye Tuna
 • Bluefin Tuna
 • Skipjack Tuna
 • Unspecified Tuna
 • Yellowfin Tuna
 • Blue Shark
 • Shortfin Mako Shark
 • Common Thresher Shark
 • Swordfish
 • Dorado

Show Footnotes



Export Formats

Pacific Fisheries Information Network

Alerts 5 Dashboard Search Help Public

HMSSAFE001 - West Coast Commercial Landings

A summary of HMS total reported inflation-adjusted ex-vessel revenue or landings (metric tons) to U.S. West Coast ports. Use the Filter button to select YEARS and SPECIES GROUPS. See the Information button for an explanation of source data and business rules. Use Report Selector below to choose the landings or revenue view. Click here for HMS Fleet Descriptions or PacFIN Management Group Codes

Report run time: November 2nd, 2022 9:49am

Highly Migratory Species SAFE Portal \ HMSSAFE001 - West Coast Commercial Landings


Report Select a Report View Landings (round weight)

Year	Albacore Tuna	Bigeye Tuna	Bluefin Tuna
2021	3591	405	216
2020	7190	473	231
2019	7585	597	274
2018	6951	615	65
2017	7462	520	486
2016	10451	523	356
2015	11313	440	98
2014	12467	185	408
2013	12938	***	10
2012	13935	49	43

Show Footnotes

Download Options


Content Selector
Current Report View



CSV

Comma-delimited file

ONLY includes column headings. NO header, footer, or run-time details.



Excel

Excel file saved in a XML format

Includes column headings, header, footer, and run-time details

Close

Content Selector controls export for:

- CSV for 1 view
- Excel for 1 view
- Excel for all views

Available Reports

HMSSAFE001 - West Coast Commercial Landings
 A summary of HMS total reported inflation-adjusted ex-vessel values. Includes a detailed explanation of source data and business rules. Use Report...

Highly Migratory Species SAFE Portal \ HMSSAFE001 - West Coast Commercial Landings

Report Select a Report View

Year	Albacore Tuna	Bigeye Tuna
2021	3591	405
2020	7190	473
2019	7585	597
2018	6951	615
2017	7462	520
2016	10451	523
2015	11313	440
2014	12467	185
2013	12938	***
2012	13935	49

Available Reports

- HMS SAFE Reports
 - HMSSAFE001 - HMSSAFE001 West Coast Commercial Landings of HMS
 - HMSSAFE002 - HMSSAFE002 West Coast Albacore Surface Hook and Line
 - HMSSAFE003 - HMSSAFE003 West Coast Drift Gillnet
 - HMSSAFE004 - HMSSAFE004 West Coast Harpoon
 - HMSSAFE005 - HMSSAFE005 West Coast Purse Seine
 - HMSSAFE006 - HMSSAFE006 Pelagic Longline
 - HMSSAFE007 - HMSSAFE007 Monthly Commercial Landings by Year
 - HMSSAFE008 - HMSSAFE008 Annual Commercial Landings
 - HMSSAFE009 - HMSSAFE009 Nominal Price by Species and Fishery
 - HMSSAFE010 - HMSSAFE010 Landings and Revenue by Management Group
- Code Listings
 - CODE004 - PacFIN Gear Code List - Alphabetical
 - CODE010 - PacFIN Species Code List - Alphabetical
 - CODE011 - PacFIN Species Code List - Hierarchical
 - CODE015 - PacFIN Port Codes - Alphabetical
 - CODE017 - PacFIN Catch Area Codes - Alphabetical
 - CODE019 - PacFIN Condition Code List

Available Reports:

- Public
- Confidential
- Metadata

Cancel



Metadata Report

The screenshot displays the PacFIN web application interface. At the top, the navigation bar includes 'PacFIN Pacific Fisheries Information Network', 'Alerts 5', 'Dashboard', 'Search', 'Help', and 'Public'. The main content area is titled 'HMSSAFE001 - V' and provides a summary of HMS total reported revenue or landings. A central pop-up window displays the report details for 'West Coast Commercial Landings', including business rules, filters, and a table of columns. A callout box on the right highlights the 'PDF Report' feature, listing 'Reporting Rules', 'Source Descriptions', and 'Column Descriptions'. The background interface shows a table of Albacore Tuna landings from 2012 to 2021 and a sidebar with navigation options like 'Report' and 'Select a'.

West Coast Commercial Landings

A summary of HMS total reported inflation-adjusted ex-vessel revenue or landings (metric tons) to U.S. West Coast ports. Use the Filter button to select YEARS and SPECIES GROUPS. See the Information button for an explanation of source data and business rules. Use Report Selector below to choose the landings or revenue view. Click here for [HMS Fleet Descriptions](#) or [PacFIN Management Group Codes](#)

Report Business Rules

- PACFIN_SPECIES_CODE IN ('ALBC', 'ETNA', 'BSRK', 'BTNA', 'TSRK', 'DRDO', 'MAKO', 'STNA', 'SWRD', 'UTNA', 'YTNA') OR (PACFIN_SPECIES_CODE IN ('PSRK', 'ISRK'))
- LANDING_YEAR >= 1990

Available Report Filters

- Year: Select year(s) for report
- Species Group: Select species group(s) for report

Footnotes

- **** denotes that data in a category has been suppressed because there are < 3 vessels or dealers
- 0 represents < 0.5 unit of weight (mt or lbs), dollar amount or percent (revenue or landed weight)

Landings (mt)

No description has been set for this view.

Landings (mt) Sources

Source Name	Description
HMS_SAFE_1_V	

Landings (mt) Columns

Column Name	Description
Year	Year the catch was delivered. (Format: yyyy)
Albacore Tuna	Sum of landed weight converted to round weight for Albacore Tuna. Units are in pounds (weight_of_catch * NVL(conversion_factor,1) AS round_weight_lbs.
Bigeye Tuna	Sum of landed weight converted to round weight for Bigeye Tuna. Units are in pounds (weight_of_catch * NVL(conversion_factor,1) AS round_weight_lbs.
Bluefin Tuna	Sum of landed weight converted to round weight for Bluefin Tuna. Units are in pounds (weight_of_catch * NVL(conversion_factor,1) AS round_weight_lbs.
Skipjack Tuna	Sum of landed weight converted to round weight for Skipjack Tuna. Units are in pounds (weight_of_catch * NVL(conversion_factor,1) AS round_weight_lbs.
Unspecified Tuna	Sum of landed weight converted to round weight for Unspecified Tuna. Units are in pounds (weight_of_catch * NVL(conversion_factor,1) AS round_weight_lbs.

PDF Report

- Reporting Rules
- Source Descriptions
- Column Descriptions



Shareable Links

Pacific Fisheries Information Network

Alerts 5 Dashboard Search Help Public

HMSSAFE001 - West Coast Commercial Landings

A summary of HMS total reported inflation-adjusted ex-vessel revenue or landings (metric tons) to U.S. West Coast ports. Use the Filter button to select YEARS and SPECIES GROUPS. See the Information button for an explanation of source data and business rules. Use Report Selector below to choose the landings or revenue view. Click here for HMS Fleet Descriptions or PacFIN Management Group Codes

Highly Migratory Species SAFE Portal \ HMSSAFE001 - West Coast Commercial Landings

Report

Select a Report View Landings

Year	Albacore Tuna	Bigeye Tuna	Blue Shark	Swallowtail Shark	Common Thresher Shark	Shortfin Mako Shark	Dorado
2021	3591	405					
2020	7190	473					
2019	7585	597					
2018	6951	615					
2017	7462	520					
2016	10451	523					
2015	11313	440					
2014	12467	185	408	19	***	1009	574
2013	12938	***	10	***	***	6	533
2012	13935	49	43	***	-	***	403

Report run time: November 2nd, 2022 9:49am

Filters applied:

Share Links:

- Default view/filters
- Custom view/filters

Share this Page

Information

URL with the default view and filters
<https://apex.psmfc.org/pacfinddev/f?p=501:621:0:INITIAL>

Copy one of the links below to share this report page. Unlike the URL in your browser window, the URLs below have been stripped of your current session details. This makes them viable for future use.

URL with your view and filter selections
https://apex.psmfc.org/pacfinddev/f?p=501:621:0:INITIAL:::P0_SHARE_DISP

Close

Show Footnotes



HMS SAFE Portal Status

- **Wrapping up development this month**
- **Deploying to production in December**
- **Available from PacFIN APEX Reports Dashboard**



4,523 mt
metric tons of catch



\$ 23 million
estimated ex-vessel value



347
vessels fishing



153
dealers operating



PSMFC Contacts

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