STOCK ASSESSMENT AND FISHERY EVALUATION REPORT FOR THE GROUNDFISH FISHERIES OF THE GULF OF ALASKA AND BERING SEA/ALEUTIAN ISLANDS AREA:

ECONOMIC STATUS OF THE GROUNDFISH FISHERIES OFF ALASKA, 2026

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The authors of the Groundfish SAFE Economic Status Report invite users to provide feedback regarding the quality and usefulness of the Report and recommendations for improvement. AFSC's Economic and Social Sciences Research Program staff continually strive to improve the SAFE Economic Status Reports for Alaska Groundfish and BSAI Crab to incorporate additional analytical content and synthesis, improve online accessibility of public data in electronic formats, and otherwise improve the utility of the reports to users. We welcome any and all comments and suggestions for improvements to the SAFE Economic Status Reports. Please contact Russel Dame at russel.a.dame@noaa.gov with any comments or suggestions to improve the Economic SAFEs.

This report will be available at:
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Time series and plots of data presented in this report are available at:
https://reports.psmfc.org/akfin/f?p=501:2001

For access to data, data visualizations, and other tools for understanding the economic and sociocultural dimensions of Alaska fisheries, visit the Alaska Fisheries Human Dimension Data Explorer:
https://reports.psmfc.org/akfin/f?p=501:2000.

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Chapter 1

Economic Status of Groundfish Fisheries of the BSAI: Summary and Report Card

The Economic SAFE report contains detailed information about economic aspects of the groundfish fisheries, including detailed figures and tables, economic performance indices, and an Amendment 80 fishery economic data report (EDR) summary. Data tables are organized into four sections: (1) All Alaska, (2) BSAI, (3) GOA, and (4) Pacific halibut. The figures and tables in the report provide estimates of total groundfish catch, groundfish discards and discard rates, prohibited species catch (PSC) and PSC rates, the ex-vessel value of the groundfish catch, the ex-vessel value of the catch in other Alaska fisheries, the gross product value of the resulting groundfish seafood products, the number and sizes of vessels that participated in the groundfish fisheries off Alaska, vessel activity, and employment on at-sea processors. Generally, the data presented in this report cover 2021-2025, but limited catch and ex-vessel value data are reported for earlier years to illustrate the rapid development of the domestic groundfish fishery since the 1980s and to provide a more complete historical perspective on catch. The data behind the tables from this and past Economic SAFE reports is available online at: https://reports.psmfc.org/akfin/f?p=501:2001.

The commercial FMP groundfish fisheries off Alaska had a total catch of 2.04 million metric tons (mt) in 2025 (including catch in federal and state waters) (Figure 3.1 and Table 4.1), an increase of 1.2% from 2024. Groundfish accounted for 84.6% of Alaska's 2025 total catch (Table 4.6). Total catches of Alaska's FMP groundfish fisheries increased in 2025 for pollock and Atka mackerel while all other species groups declined or remained relatively stable (Table 4.1). The contributions of the major groundfish species or species groups to the total catch are depicted in Figure 3.1.

The aggregate ex-vessel value of all state and federal FMP groundfish fisheries off Alaska was $781.7 million, which was 42.3% of the ex-vessel value of all commercial fisheries off Alaska in 2025.[1] After adjustment for inflation, the real ex-vessel value of FMP groundfish increased $45.6 million in 2025 and the aggregate real ex-vessel price increased 4% to $0.18 per pound (Table 4.6). Nominal pollock ex-vessel prices decreased 6.1% to $0.12 per pound in the Bering Sea and Aleutian Islands (BSAI) and 3.7% to $0.09 per pound in the Gulf of Alaska (GOA) (Tables 4.13 and 4.31). Pacific cod

[1]The data required to estimate net benefits to either the participants in fisheries or the Nation, such as cost or quota value (where applicable) data, are not available. Unless otherwise noted 'value' should be interpreted as gross revenue.

nominal ex-vessel prices, however, increased 38.2% to $0.39 per pound in the BSAI and 69.9% to $0.44 per pound in the GOA. Among the other species that are the focus of the shoreside ex-vessel fisheries: GOA flatfish ex-vessel price increased 9%, GOA rockfish prices increased 44%, and GOA sablefish prices increased 32% (in nominal terms). For BSAI and GOA FMP groundfish, the change in price was slightly greater in magnitude to the change in catch (Figures 5.6, 5.10). For other fisheries in Alaska, halibut, salmon, herring, and shellfish, ex-vessel revenues increased (Table 4.6).

The gross value of the 2025 groundfish catch after primary processing (first-wholesale) was $2.6 billion (Table 4.7), an increase of 5% in real terms from 2024. This change was the combined effect of a 2.5% increase in the real aggregate 2025 first-wholesale price to $1.40 per pound and an increase of 2.5% to 846.1 thousand mt in aggregate production volume (Table 4.7). In the BSAI, aggregate first-wholesale value increased 5.2% due to a increase in value of Atka mackerel, Pacific cod, and select rockfish and flatfish species complexes, such as rock sole, yellowfin sole, and northern rockfish, outweighing reductions in value of sablefish and select rockfish and species complexes, such as arrowtooth flounder, flathead sole, and Pacific Ocean perch (Table 4.17). The average aggregate first-wholesale price across products was increasing, or remained relatively stable, for nearly all species, excluding pollock (Table 4.18). In the GOA, aggregate first-wholesale value increased (30.3%) with increases in value for all species except for select rockfish and flatfish species (Table 4.35). Prices were increasing or remained stable for most species with the exception of select rockfish and flatfish species (Tables 4.34 and 4.36).

The first-wholesale value of Alaska's FMP groundfish fisheries accounted for 50% of Alaska's total first-wholesale value from commercial fisheries (Table 4.7). First-wholesale value of Alaska's fisheries products other than FMP groundfish fisheries totaled $2.6 billion, most of which ($2.19 billion) came from Pacific salmon. Pacific salmon value increased 75.1% as a result of volume increasing while prices remained relatively stable. Pacific halibut fisheries, which are concentrated in the Gulf of Alaska, saw a increase of 10.9% in value in 2025 to $110 million due to a increase in price outweighing a decline in volume.

The groundfish fisheries off Alaska are an important segment of the U.S. fishing industry. In 2024, it accounted for 56% of the weight of total U.S. domestic landings and 15% of the ex-vessel value of total U.S. domestic landings (Fisheries of the United States 2024). Alaska fisheries as a whole (including salmon, halibut, herring, and shellfish) accounted for 62% of the weight of total U.S. domestic landings and 28% of the ex-vessel value of total U.S. domestic landings.

With the exception of the annual economic census Economic Data Report program in BSAI Crab and Amendment 80 catch share programs, NOAA Fisheries collects only limited data on employment in the fisheries off Alaska. The most direct measure available based on data collected across all at-sea processing vessels and catcher vessels in FMP groundfish fisheries is aggregate labor input as represented by the aggregate number of 'crew weeks' accrued. These data indicate that in 2025 crew weeks for both sectors increased by 2.1%, totaling 109,850.5, with the majority of them (96,327) occurring in the BSAI groundfish fisheries (Tables 4.25, 4.43, 4.26, and 4.44). In the BSAI, the months with the highest employment correspond with the peak of the pollock seasons in February-March and July-September. In the Gulf of Alaska, crew weeks peak March-May and September-October driven largely by hook-and-line catcher vessels targeting sablefish and Pacific cod fisheries.

1.1 Report Card Metrics for the Alaska Commercial Groundfish Fisheries off Alaska 1993-2025

The purpose of the report card metrics is to give a broad overview of the economic health of Alaska's FMP groundfish fisheries (Figure 1.1). The metrics cover the years 1993-2025 to help elucidate trends and provide historical context to the current state of the fishing industry. In general, these metrics focus on FMP groundfish fisheries, which are also the focus of this economic status report. As a result, halibut and salmon are not well represented by these metrics (except that the share of shoreside value for the top 5 ports does include salmon and halibut). The economic report card includes 9 items[2]:

1) Real first-wholesale revenue[3] index which measures changes in the first-wholesale revenue produced by all FMP groundfish species in Alaska using 2025 as the base year (value=100).

2) Real first-wholesale price index, which measures changes in first wholesale prices produced from all FMP groundfish species in Alaska using 2025 as the base year (value=100).

3) Production volume divided by total catch, where total catch is inclusive of discards and PSC. This metric approximates a recovery rate of product relative to total extractions across all FMP groundfish species.

4) The effective global share of Alaska pollock and cod catch, defined as the average shares of global catch volume weighted by Alaska first-wholesale revenue shares. This metric demonstrates how large the Alaska pollock and cod fisheries are relative to the global supply of these species which provides information as to the potential influence of changes in Alaska catches on global prices for these species.

5) Real effective exchange rate index, which is an average of foreign currencies to U.S. dollar exchange rate weighted by fisheries exports to each country.[4] The Alaska seafood industry exports approximately 80% of it's groundfish products. This metric provides information about how exchange rates are impacting Alaska groundfish producers across all of their export partners.

6) Ratio of ex-vessel over first-wholesale revenues. This revenue share is a function of a number of different factors including the value added from processing, bargaining power, global prices, and processing and harvesting costs.

7) Real first wholesale revenue per fishing week, where fishing weeks are defined as the number of vessels active in each week of the year, and is a productivity-related metric that can be thought of as revenue per unit effort.

8) Alaska resident share of FMP groundfish shoreside ex-vessel value, where residency is determined by the owner address of delivering vessels. This metric measures the share of gross FMP groundfish revenues staying in Alaska versus those going to vessel owners in other states.

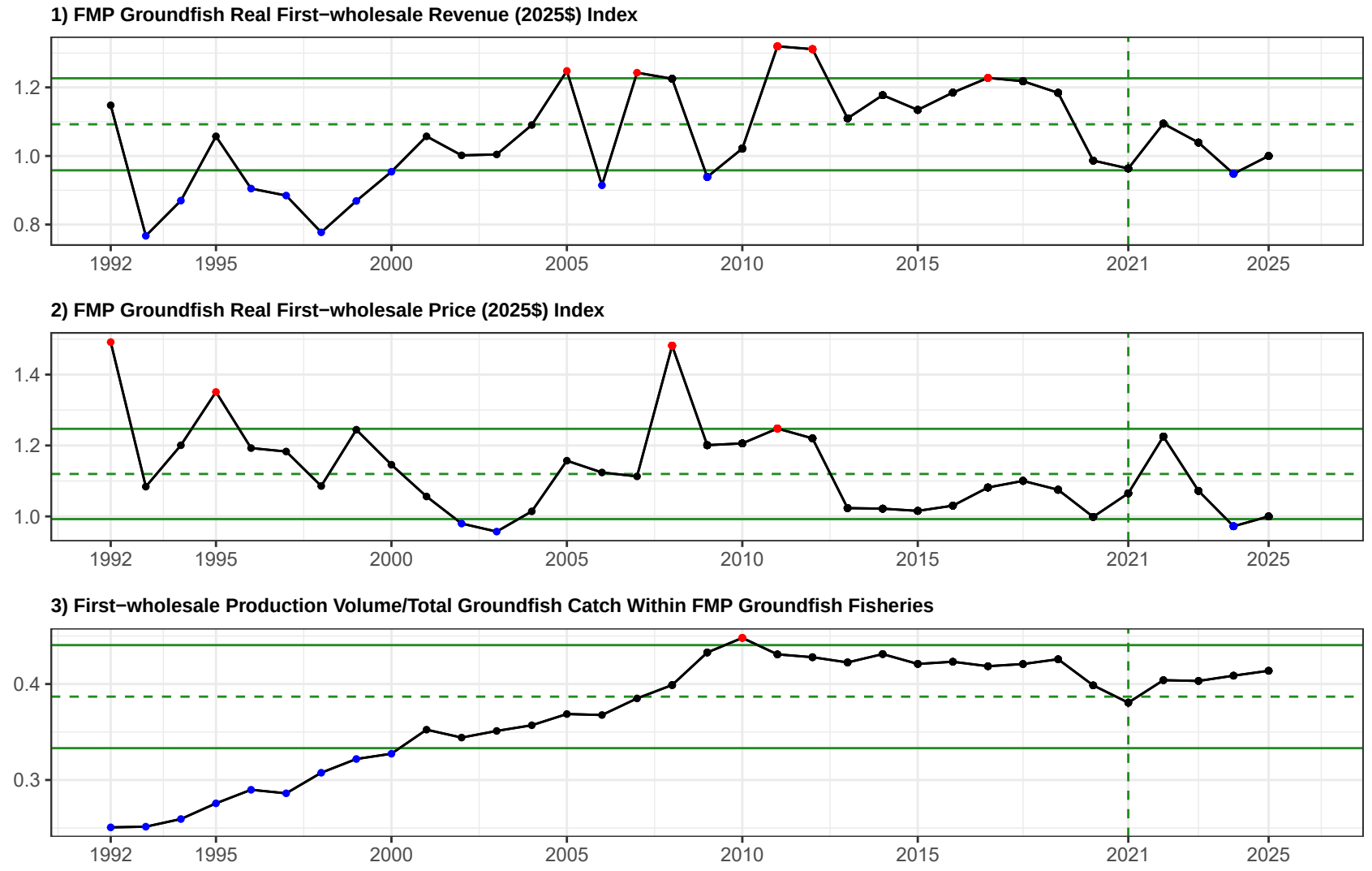
[2]Metrics 1, 2, and 7 are adjusted for inflation using the GDP chain-type price index. For Metric 6 ex-vessel revenues are deflated using the Personal Consumption Expenditures chain-type price index. See the the Overview Section 2.2.6 for references.

[3]The revenue from the sale of fish products after primary processing.

[4]Increases in this index indicate that exports are more expensive for foreign buyers which puts downward pressure on prices received by Alaska producers.

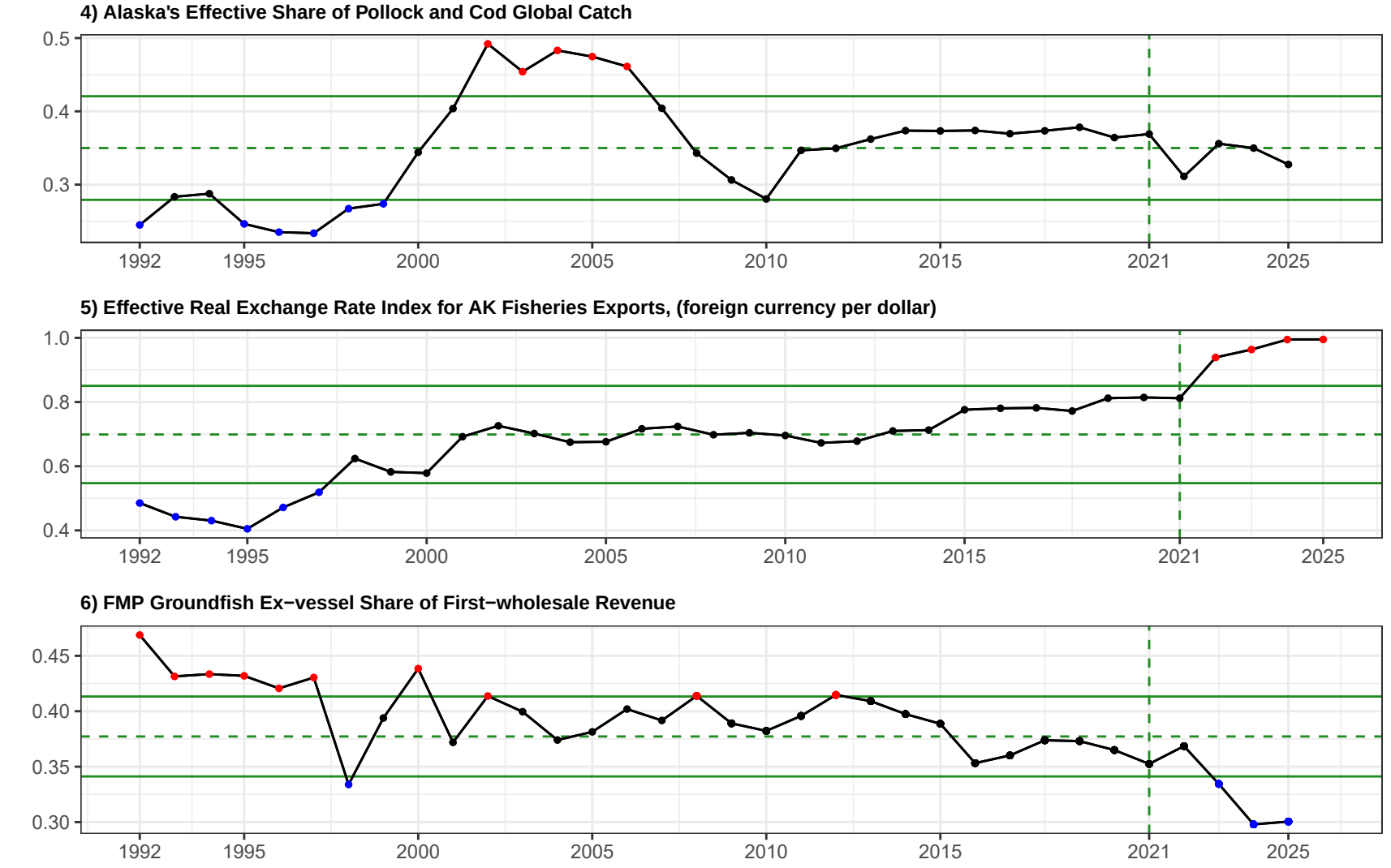
9) Share of shoreside all Alaska fisheries ex-vessel value for the top 5 ports, which is not limited to just FMP groundfish to provide a more comprehensive account of community revenues. This metric measures the degree of concentration of landings across Alaska communities.

The real first wholesale value index (panel 1) and the real first wholesale price index (panel 2) both increased from 2024 levels. Both indices, however, remain below their respective long-term averages. In 2025, the first-wholesale market price for many groundfish species increased, and outpaced increases in volume, driving the rise in the first wholesale revenue index. Meanwhile, the first-wholesale production per-unit-catch increased year-over-year since 2023, remaining above the historical average for the fourth consecutive year (panel 3). Globally, Alaska has a significant effective share of pollock and cod at approximately 33%, a slight increase from the five-year low in 2022 (31%) (panel 4). The effective real exchange rate index continued to increase for the fifth consecutive year, up from the historical high in 2024, signaling ongoing exchange rate pressure on Alaska fish product export prices (panel 5). The ratio of ex-vessel to first-wholesale revenues dropped significantly in 2023 and 2024, reaching the lowest ex-vessel share in our data set. In 2025, the ex-vessel share was relatively stable, remaining below the historical average and the lower standard deviation for the third consecutive year (panel 6). This potentially signals tighter margins for vessels as a reduced share of the first-wholesale price is being received. Revenue per-unit-effort (measured by fishing weeks) was relatively constant from 2024 levels, but remains above one standard deviation of the historical range (panel 7). The share of shoreside revenue to AK residents increased for the second consecutive year and reached the highest level since 1998 (panel 8). Roughly 68% of the shoreside revenues were concentrated in the top 5 key ports in 2025, declining from 2024 levels (72%), but maintains the general trend of relatively greater geographic concentration of revenues compared to the long-term history of this indicator (panel 9).



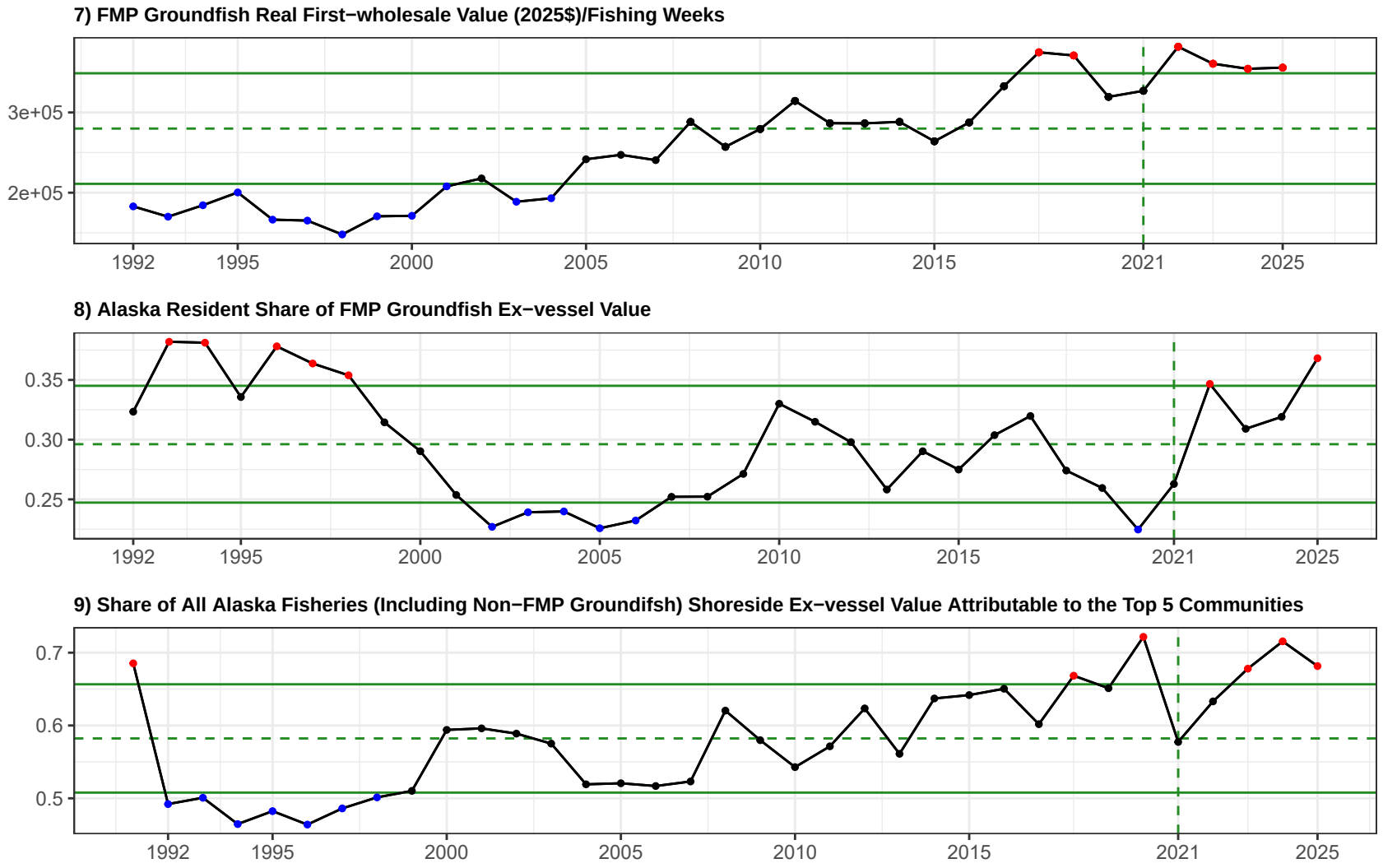
Note: See Figure 1.3 for footnotes.

Figure 1.1: Economic report card metrics



Note: See Figure 1.3 for footnotes.

Figure 1.2: Economic report card metrics continued.



Note: Green horizontal lines show the mean (dashed) and 1 standard deviation (solid) for the 1992−present reference period. Green vertical line indicates the past five years.
Color of plotted values indicates values within (black), above (red), and below (blue) one standard deviation of the mean.

Figure 1.3: Economic report card metrics continued.

Chapter 2

Overview of Economic Status Report, 2026

2.1 Introduction

This report presents the economic status of groundfish fisheries off Alaska in terms of economic activity and outputs using estimates of catch, discards, prohibited-species catch (PSC), ex-vessel prices and value (i.e., revenue), effort (as measured by the size and level of activity of the groundfish fleet), and the first wholesale production volume and gross value of (i.e., F.O.B. Alaska revenue from) processed products.[1] The catch, ex-vessel value, fleet size, and activity data reported here reflect the fishing industry activities that are accounted for in the groundfish landings and production reports, North Pacific groundfish and halibut observer data, and the State of Alaska Commercial Operator's Annual Reports. Catch data in this report are sourced from the NMFS Alaska Regional Office (AKRO) catch-accounting system (CAS), which is used for in-season monitoring of groundfish and PSC quotas. The data descriptions, qualifications, and limitations noted in this overview of the fisheries and the footnotes to the tables are critical to understanding the information in this report. This report updates last year's report (Fissel et al. 2020) and is intended to serve as a reference document for those involved in making decisions with respect to conservation, management, and use of Gulf of Alaska (GOA) and Bering Sea and Aleutian Islands (BSAI) groundfish fishery resources.

In addition to catch that is counted against a federal Total Allowable Catch (TAC) quota (i.e., managed under a federal Fishery Management Plan (FMP)), estimates provided in some of the following tables may include catch from other Alaska groundfish fisheries (as indicated by the footnotes). The distinction between catch managed under a federal FMP and catch managed by the State of Alaska is not merely a geographical distinction between catch occurring in the U.S. Exclusive Economic Zone (EEZ) and catch occurring in Alaska state waters (3-mile limit). The State of Alaska maintains authority over some rockfish fisheries in the EEZ of the GOA, for example, and parallel fisheries in state waters are managed under federal FMPs. It is not always possible, depending on data source(s), to definitively identify a unit of catch, or associated units, such as revenue or price, as being part of a federal FMP or otherwise, as noted in the footnotes. Additionally, unless explicitly indicated, phrases such as ''groundfish fisheries off Alaska''

[1] F.O.B. refers to the value (or price) excluding transportation costs. The acronym, F.O.B. stands for ''Free On Board''.

or ''Alaska groundfish'', as used in this report, should not be construed to include any category of state or federally managed fishery or to refer to any specific geographic area. These and similar phrases may describe groundfish from both Alaska state waters and the federal EEZ off Alaska, groundfish managed only under federal FMPs, or managed under the authority of both NMFS and the state of Alaska.

The BSAI and GOA groundfish fisheries are widely considered to be among the best managed fisheries in the world. These fisheries produce high levels of catch, ex-vessel revenue, processed product revenue, exports, employment, and other measures of economic activity while maintaining ecological sustainability of the fish stocks. However, the data required to estimate the success of these management policies with respect to net benefits to either the participants in these fisheries or the Nation, such as cost or quota value data (where applicable), are not available for many of the fisheries.

The remainder of this report is structured as follows: Section 2.2 gives a verbal description and important information for understanding the economic data tables in Section 4. Section 5 examines the economic performance of the North Pacific groundfish fisheries through market indices.

2.2 Description of the Economic Data Table

2.2.1 Groundfish and Prohibited Species Catch Data Description

Data Sources

Total catch estimates in the groundfish fisheries off Alaska are generated by NMFS from data collected through an extensive fishery observer program and from information provided through required industry reports of harvest and at-sea discards. The North Pacific Observer Program (Observer Program), based at the NMFS Alaska Fisheries Science Center (AFSC), has had a vital role in the management of North Pacific groundfish fisheries since the late 1980s. Observer data are collected by NMFS-trained observers and provide scientific information for managing the groundfish fisheries and minimizing bycatch. Industry-reported data consists of catch and processed product amounts that are electronically recorded and submitted to NMFS through the Interagency Electronic Reporting System, known as eLandings. Observer information and industry reports are integrated into a NMFS application called the Alaska Catch Accounting System (CAS), which is used directly in managing fisheries.

The primary purpose of the CAS is to provide estimates of total catch for FMP species (including prohibited species) in the groundfish and halibut fisheries and allow the in-season monitoring of catch against the TACs and PSC limits. The harvests of groundfish in Federal waters are governed under fishery management plans (FMPs) that are specific to the Bering Sea and Aleutian Islands (BSAI) and Gulf of Alaska (GOA) regions. The groundfish TACs are established and monitored in terms of total catch, which is the sum of retained and discarded catch. In addition, the FMPs describe policy for setting bycatch limits for some species, such as halibut and salmon, whose retention is prohibited in the groundfish fisheries; bycatch of these species is referred to as Prohibited Species Catch (PSC).

In the CAS, at-sea sample and census data collected by observers are used to create discard and PSC rates (a ratio of the estimated discarded catch to the estimated total catch in sampled hauls). For trips that are unobserved, the discard and PSC rates are applied to industry-supplied landings of

retained catch. Expanding on the observer data that are available, the extrapolation from observed vessels to unobserved vessels is based on varying levels of aggregated data. Data are matched based on processing sector (e.g., catcher/processor or catcher vessel), week, target fishery, gear, and federal reporting area. Further detail on the estimation procedure is available in Cahalan et al. (2014). With the exception of Pacific halibut PSC, all estimated at-sea discard is assumed to have 100% mortality. Halibut mortality rates are updated every three years based on the estimated condition of halibut sampled by observers (Williams 2012). These rates are applied to the total estimated halibut discards (for a gear type, FMP area (GOA or BSAI), fishery, and year).

Groundfish Catch Tables

The catch presented throughout these tables is total catch which includes retained and discarded catch. Catch data are sourced from the CAS. Catch for all Alaska including state and federal catches is displayed in Table 4.1. Retained catch for just FMP-managed groundfish is provided in Table 4.2. Table 4.6 presents total catch and real ex-vessel value by species and area (BSAI, GOA, and All Alaska). Tables 4.10 and 4.27 provide additional information for the BSAI and GOA, respectively, with aggregation of gear types and species specific catch data for flatfish and rockfish. Tables 4.11, 4.12, 4.28, 4.29 and 4.30 provide estimates of retained catch by species, gear, and target species for the BSAI and GOA, respectively. In general, the species or species complex accounting for the largest proportion of retained catch on the trip or haul is considered the target species, with two exceptions. A target of pelagic pollock is assigned only if 95% or more of the total catch is pollock. In the BSAI, if flatfish species (flathead, rock, and yellowfin sole, and other flatfish) represent the largest amount of retained catch, then a target of yellowfin sole is assigned if this species represents at least 70% of the combined flatfish retained catch; otherwise, the flatfish species accounting for the greatest amount of retained flatfish catch is assigned as the target. Beginning in 2011, Kamchatka flounder was broken out from arrowtooth flounder in the BSAI. As such, the "other flatfish' ', and/or arrowtooth flounder target categories may not be directly comparable between 2011 and prior years in the historical catch data available online.

Groundfish Discards and Discard Rates

Discarded catch is the unretained catch of species that a vessel is, in general, legally able to target and retain (and thus does not include PSC). Discards are included in a vessel's total catch. Discards can occur for various reasons and in a variety of ways such as discarding of non-targets species, fish falling off of processing conveyor belts, dumping of large portions of nets before bringing them on-board the vessel, dumping fish from the decks, size sorting by crewmen, and quality-control. Discard rates can be high for non-target species. For the most common species (e.g. pollock and cod) retention requirements reduce the amount of discards for these species. The discard rate is the percent of total catch of a species that is discarded. Details on discard estimation can be found in Cahalan et al. (2014). The discards in the groundfish fisheries have received significant management attention by NMFS, the Council, Congress, and the public at large. Table 4.4 presents CAS estimates of discarded groundfish catch and discard rates (calculated as the percent of total catch that is discarded) by gear, area, and species for years 2021-2025.

Prohibited-Species Catch

Prohibited-species catch (PSC) is the catch of species that a vessel is prohibited from targeting and retaining due to their economic value to users outside the FMP groundfish fisheries. These species include Pacific halibut, king and tanner crab (*Chionoecetes*, *Lithodes*, and *Paralithodes spp.*), Pacific salmon (*Oncorhynchus spp.*), and Pacific herring (*Clupea pallasi*). Monitoring and minimizing the amount PSC in the Alaska groundfish fisheries has historically been an issue that

has received significant management attention. The retention of these species was prohibited first in the foreign groundfish fisheries to ensure that groundfish fishermen had no incentive to target these species. Estimates of PSC for 2021-2025 are summarized by area and gear in Table 4.5.

The at-sea observer program was developed for foreign fleets and then extended to the domestic fishery. The observer program, managed by the Fisheries Monitoring and Analysis Division (FMA) of the Alaska Fisheries Science Center, resulted in fundamental changes in the nature of the PSC problem. First, by providing estimates of total groundfish catch and non-groundfish PSC by species, it reduced the concern that total fishing mortality was being vastly underestimated due to fish that were discarded at sea. Second, it made it possible to establish, monitor, and enforce the groundfish quotas in terms of total catch as opposed to only retained catch. Third, it made it possible to implement and enforce PSC quotas for the non-groundfish species that by regulation had to be discarded at sea. Finally, it provided extensive information that managers and the industry could use to assess methods to reduce PSC and PSC mortality. In summary, the observer program provided fishery managers with the information and tools necessary to prevent PSC from adversely affecting the stocks of the PSC species. An example of how this program is being used is the Bering Sea pollock fishery, which became completely observed in 2011. As a result, salmon PSC estimates in the Bering Sea pollock fishery are a census rather than a sample, and since 2011, there has been a fixed "hard cap'' in the fishery.[2] The information from the observer program helps identify the types of information and management measures that are required to reduce PSC to the extent practicable, as is required by the Magnuson-Stevens Fishery Conservation and Management Act (MSA).

2.2.2 Ex-Vessel Prices and Value

The ex-vessel market is the transaction of catch delivered by vessels to processors. In general, ex-vessel prices are derived from Commercial Operator Annual Report (COAR) buying reports. Some catcher-vessels minimally processes (e.g., head-and-gut) the catch prior to delivery to the processor. The value of this on-board processing is discounted from the ex-vessel price so that it represents the round-weight (unprocessed) prices of the retained catch. Ex-vessel value is calculated by multiplying ex-vessel prices by retained catch. For the at-sea sector much of catch is both caught and processed for first-wholesale distribution by a single entity and as such a true "ex-vessel" market does not exist. For national accounting purposes the "ex-vessel' value of the at-sea sector are calculated by applying COAR buying prices for the corresponding species (complex), region, and gear-type of the retained catch. For a subset of fisheries that are prosecuted primarily by the at-sea catcher/processor fleet, and for which COAR buying data are sparse, we impute prices as a percentage (40%) of the estimated wholesale value per round weight. This percentage reflects the long-term average of the ratio of ex-vessel prices to head-and-gut (H&G) processed-product prices for species (primarily Pacific cod) that are well represented in COAR buying and production reports. Ex-vessel prices and value include post-season adjustments.

Tables 4.6 contains data on the real ex-vessel value and catch of groundfish and non-groundfish species in Alaska, adjusted to 2025 dollars by applying the Personal Consumption Expenditure Index (https://research.stlouisfed.org/fred2/series/PCEPI) to account for effects of inflation on fishermen's revenue. Table 4.8 provides estimates of ex-vessel value by residency (Alaska compared

[2]These rules for salmon bycatch management were put in place through Amendment 91 to the BSAI FMP. For details see https://www.federalregister.gov/documents/2010/08/30/2010-20618/fisheries-of-the-exclusive-economic-zone-off-alaska-chinook-salmon-bycatch-management-in-the-bering

to the rest of the U.S., labeled 'Other') of primary vessel owners, area, and species. Residency of primary vessel owners are determined from the CAS combined with State of Alaska groundfish fish ticket data and vessel registration data, the latter of which includes the stated residency of the primary vessel owner. Residents of Alaska and of other states, particularly Washington and Oregon, are active participants in the BSAI and GOA groundfish fisheries. For the BSAI and GOA combined, 73% of the 2025 groundifsh ex-vessel value was accounted for by vessels with primary owners who indicated that they were not residents of Alaska.

Tables 4.13 and 4.31 contain estimated ex-vessel prices that are used with estimates of retained catch to calculate ex-vessel values (gross revenues) for the BSAI and GOA, respectively. Prices in these tables may include data from both federally-managed and state-managed fisheries. Estimates of ex-vessel value by area, gear, type of vessel, and species are presented in Tables 4.14 and 4.32 for the BSAI and GOA, respectively. Table 4.15 presents estimates of ex-vessel value of catch and value per vessel, vessel and permit counts, in the BSAI and the percent value of BSAI FMP groundfish and all BSAI fisheries by processor group. Table 4.15 provides these same data for the GOA.

2.2.3 First Wholesale Production, Prices, and Value

The first wholesale market is the first sale of fisheries products after initial processing by a commercial processor with a Federal Processor Permit (FPP). [3] Groundfish first wholesale production data are sourced from at-sea and shoreside groundfish production reports. Product pricing and value reflect COAR product report price data appended to these production data per the AKFIN product pricing index. While groundfish production reports are a federal reporting requirement, there is typically no distinction made in this reporting between product derived from federally-managed catch and product derived from state-managed catch. Likewise, while COAR production reports include the area of processing, these data are insufficient for identifying the fishery inputs for units of finished production. As such, these tables reflect production volume and pricing from federal and some state-managed fisheries. Wholesale value and prices are given as F.O.B. (Free On Board) Alaska, indicating that transportation costs are not included in values and prices.

Table 4.7 reports estimates of the weight and first wholesale value of processed products from catch in the groundfish and non-groundfish commercial fisheries of Alaska. Estimates of first wholesale production weight of the processed products sourced from catch of groundfish are presented by species, product form, sector, and type of processor in Table 4.16 for the BSAI and Table 4.34 for the GOA. First-wholesale value (gross revenue) is presented in Tables 4.17 and 4.35 for the BSAI and GOA, respectively. Product price-per-pound estimates are presented in Tables 4.18 and 4.36, and estimates of total first wholesale product value per round metric ton of retained catch are reported in Table 4.19 and for the BSAI and GOA, respectively. For these tables we source the round weight of retained catch from CAS data rather than using product recovery rates to derive round weights from production data.

Tables 4.20 and 4.38 present number of processors, gross product value and value per processor, and percent of total wholesale value of processed groundfish accounted for by different processing groups, for the BSAI and GOA, respectively. Data in these tables are summarized from COAR product reporting, and no distinction is made between state-managed and federally-managed groundfish sources of production.

[3] An FPP is required for all processors receiving and/or processing groundfish harvested in Federal waters.

2.2.4 Effort (Fleet Size, Weeks, of Fishing, Crew weeks)

Data on measures of fishing capacity and effort in federally-managed Alaska groundfish fisheries, including fleet size, duration of fishing, and levels of harvesting and processing employment are sourced from CAS data, ADF&G groundfish fish tickets, North Pacific groundfish observer data, and at-sea groundfish production reports.

Vessel participation by area, vessel type, and target are shown in Table 4.9. Number of vessels, average and median length, and average and median capacity (registered net tonnage) of vessels by vessel type and gear are shown in Tables 4.21 and 4.39.

Tables 4.23 and 4.41 provide estimates of vessel weeks for catcher vessels in the BSAI and GOA, respectively, stratified by length class, area, gear, and target fishery. Tables 4.24 and 4.42 provide the same stratification of vessel weeks for catcher/processors in the BSAI and GOA, respectively. Vessel weeks are apportioned by catch volume in cases where a vessel is identified with activity in multiple gears, areas, and/or targets in a given week.

Catcher vessel crew weeks are sourced from ADF&G fish tickets/eLandings, which include data on the number of licensed crew working aboard vessels by month and area shown in Tables 4.25 and 4.43, in the BSAI and GOA, respectively. At-sea production reports provide that information for motherships and catcher/processors shown in Tables 4.26 and 4.44 for the BSAI and GOA, respectively. A single crew week represents one crew member aboard one vessel for a week. Crew weeks are apportioned by catch volume in cases where a vessel is identified with activity in multiple areas in a given week. These data do not include employment levels in the shoreside and inshore processing sectors.

2.2.5 Description of the Category ''Other'' in Data Tables

The category 'Other' has different meanings in different tables, as described below.

- Table 4.7: ''Other'' includes lingcod, non-crab shellfish (mussel, clam, scallop, shrimp), and various freshwater and anadromous finfish species other than federally managed groundfish, salmon, halibut, and herring (e.g., whitefish, trout, Arctic char).
- Tables 4.11, 4.12, 4.28, 4.29 and 4.30: "Other flatfish'' in the BSAI include Alaska Plaice and species within the BSAI other flatfish management complex, including starry flounder and dover, rex, butter, English, petrale, and sand sole.
- Table 4.5: "Other salmon'' are non-Chinook salmon species (sockeye, coho, pink, chum). "Other King crab'' are blue, golden (brown), and scarlet king crab species. "Other Tanner crab'' are snow, grooved, and triangle Tanner crab species.
- Table 4.14, 4.16: "Other flatfish'' in the BSAI include Alaska Plaice and species within the BSAI other flatfish management complex (starry flounder and dover, rex, butter, english, petrale, and sand sole)
- Tables 4.16, 4.17, 4.18, 4.34, 4.35, 4.36: "Other fillets'' for pollock include fillets with skin and ribs; fillets with skin, no ribs; fillets with ribs, no skin; and skinless/boneless fillets. "Flat Other'' includes BSAI Alaska Plaice and species within the BSAI other flatfish management complex (starry flounder and dover, rex, butter, english, petrale, and sand sole).
- Tables 4.19, 4.37: "Other'' species are primarily skate, squid, octopus, shark, and sculpin.

2.2.6 Additional Notes

- Confidential values are excluded from the computation of aggregates (e.g. sums and averages) within a table. This is particularly important to remember for highly stratified tables, such as Tables 4.13, 4.14, 4.16, 4.18, 4.31, 4.32, 4.34, and 4.36. Care should be taken when comparing totals from tables containing values suppressed for confidentiality. In general, preference should be given to aggregate numbers from less stratified tables.

- Within the data tables, numbers that are smaller than the level of precision used within the table are printed as '0'. For example, if a table uses the one decimal place level of precision, then an actual value of '0.01' is presented in the table as '0'.

- The Personal Consumption Expenditures: chain-type price index (https://research.stlouisfed.org/fred2/series/PCEPI) was used to deflate the ex-vessel estimates reported in Table 4.6. The PCE is used to adjust fishermen's ex-vessel revenues to account for the change in general US consumption expenditures. The GDP: chain-type price index https://research.stlouisfed.org/fred2/series/GDPCTPI) was used to deflate the first wholesale value estimates reported in Table 4.7. The GDP price index is used to adjust to fishermen's wholesale production revenues to account for the change in general US production prices. The use of these indices began in 2014. Before 2014 this annual report used the Producer Price Index (PPI) for unprocessed and packaged fish for real adjustments (http://data.bls.gov/cgi-bin/srgate.) using the series ID 'WPU0223').

- Estimates of U.S. imports and per-capita consumption of various fisheries products, previously published in Tables 54-56 of this report, are available in Fisheries of the United States (FUS), published annually by the NMFS Office of Science \& Technology. The most recent FUS is available at: https://www.fisheries.noaa.gov/national/sustainable-fisheries/fisheries-united-states

- Foreign exchange rates, which we've previously published in Tables 59

- Observer coverage costs: In previous years, Table 51 provided estimates of the numbers of vessels and plants with observers, the numbers of observer-deployment days, and observer costs by year and type of operation. In 2013, the restructured observer program was implemented and more detailed treatment of observer cost estimates can be found in the Observer Annual Report at: http://alaskafisheries.noaa.gov/fisheries/observer-program-reports

2.2.7 Request for Feedback

The data and estimates in this report are intended both to provide information that can be used to describe the Alaska groundfish fisheries and to provide the industry and others an opportunity to comment on the validity of these estimates. We hope that industry representatives and others will identify any data or estimates in this report that can be improved and provide the information and methods necessary to improve them for both past and future years. There are two reasons why it is important that such improvements be made. First, with better estimates, the report will be more useful in monitoring the economic performance of the fisheries and in identifying changes in economic performance that may be attributable to regulatory actions. Second, the estimates in this report often will be used as the basis for estimating the effects of proposed

fishery management actions. Therefore, improved estimates in this report will allow more informed decisions by those involved in managing and conducting the Alaska groundfish fisheries. The industry and other stakeholders in these fisheries can further improve the usefulness of this report by suggesting other measures of economic performance that should be included in the report, or other ways of summarizing the data that are the basis for this report, and participating in voluntary survey efforts NMFS may undertake in the future to improve existing data shortages. Please contact Marysia Szymkowiak at [russel.a.dame@noaa.gov] with any comments or suggestions to improve the Economic SAFE.

2.2.8 Citations

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2.2.9 Acknowledgements

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Chapter 3

Figures Reporting Economic Data of the Groundfish Fisheries Off Alaska

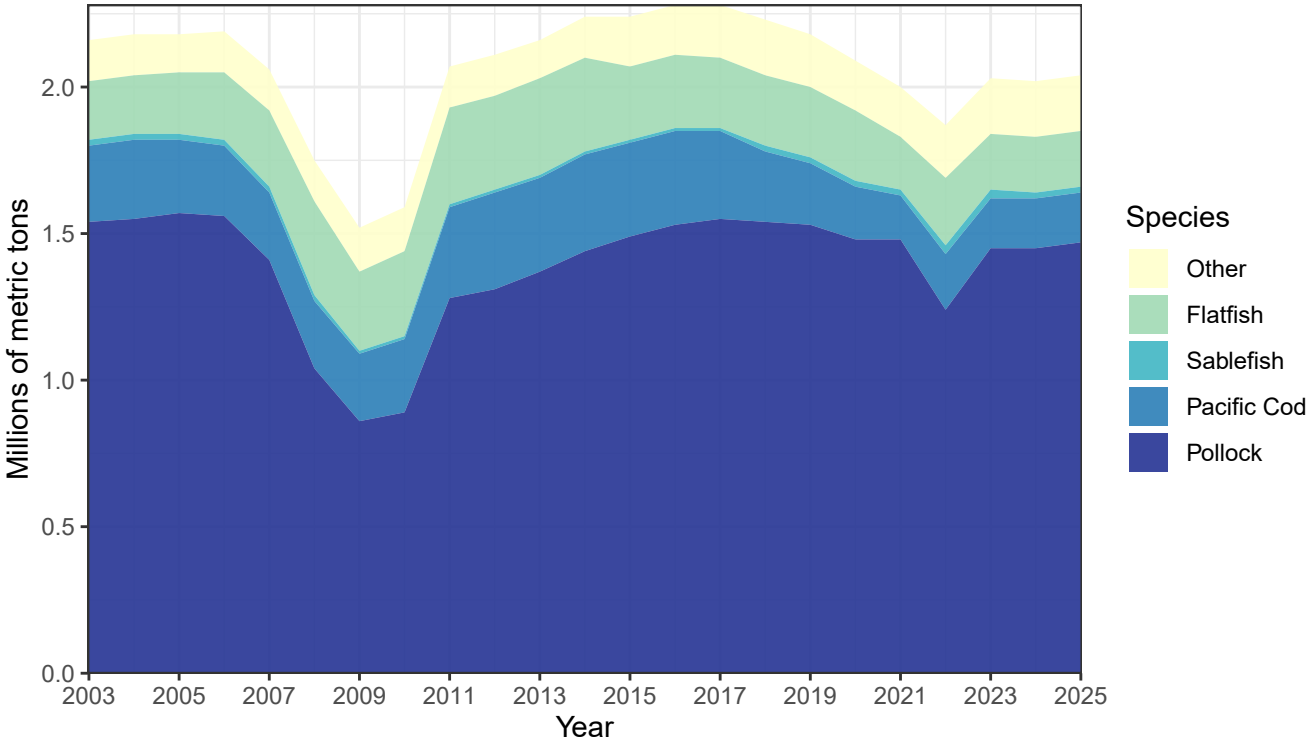


Figure 3.1: Groundfish catch in the commercial fisheries off Alaska by species

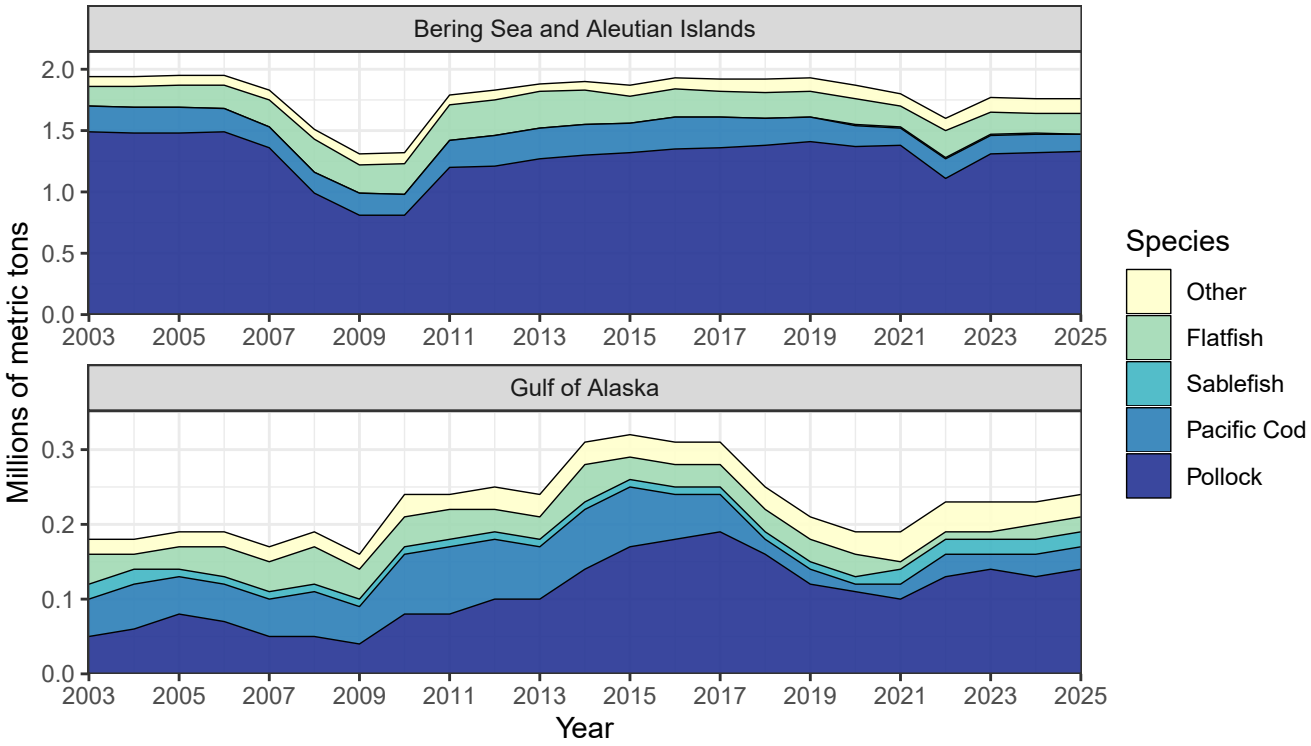


Figure 3.2: Groundfish catch in the commercial fisheries off Alaska by species

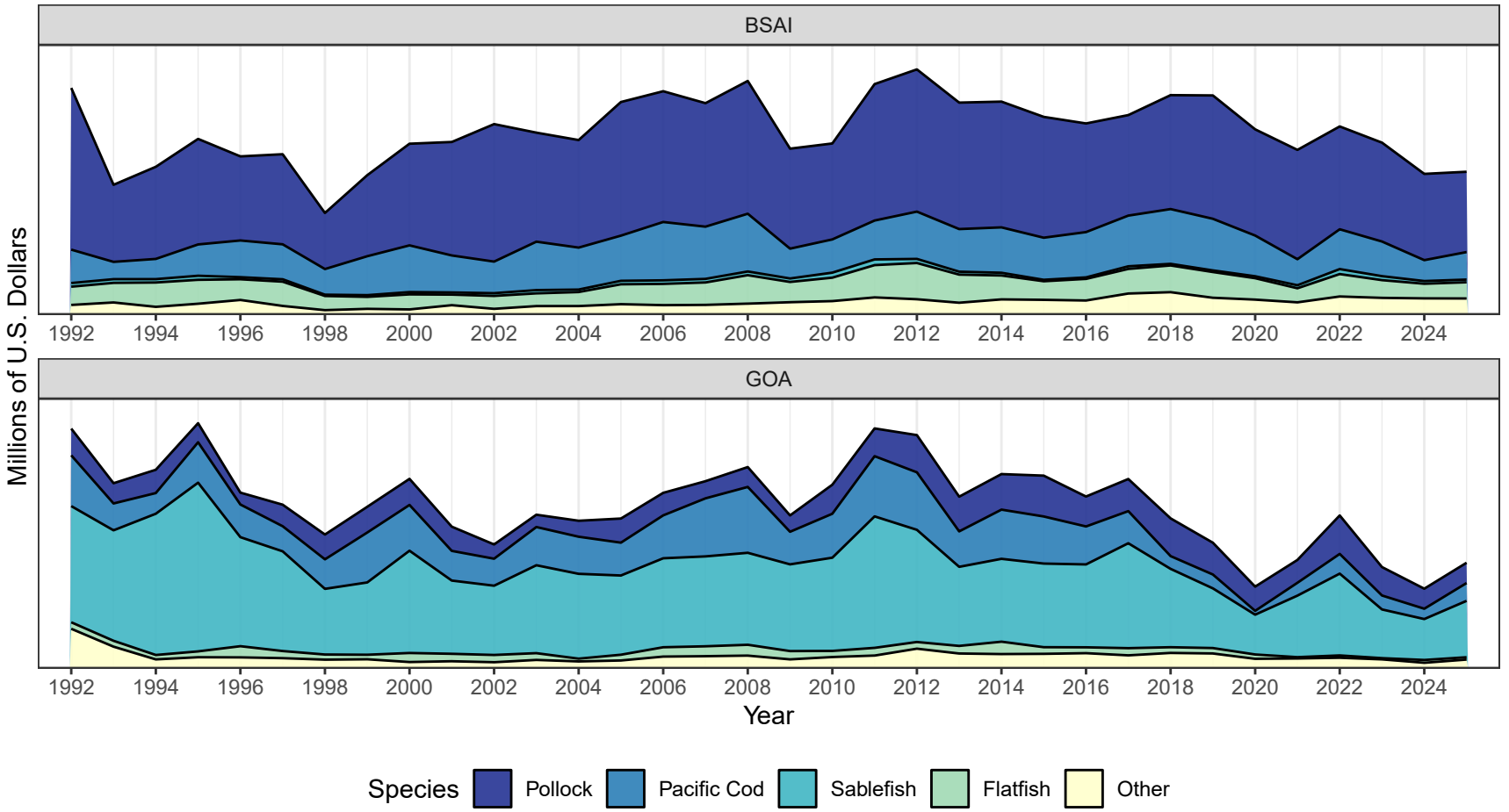


Figure 3.3: Real ex-vessel value of the groundfish catch in the commercial fisheries off Alaska by species, 1992-2025 (base year = 2025).

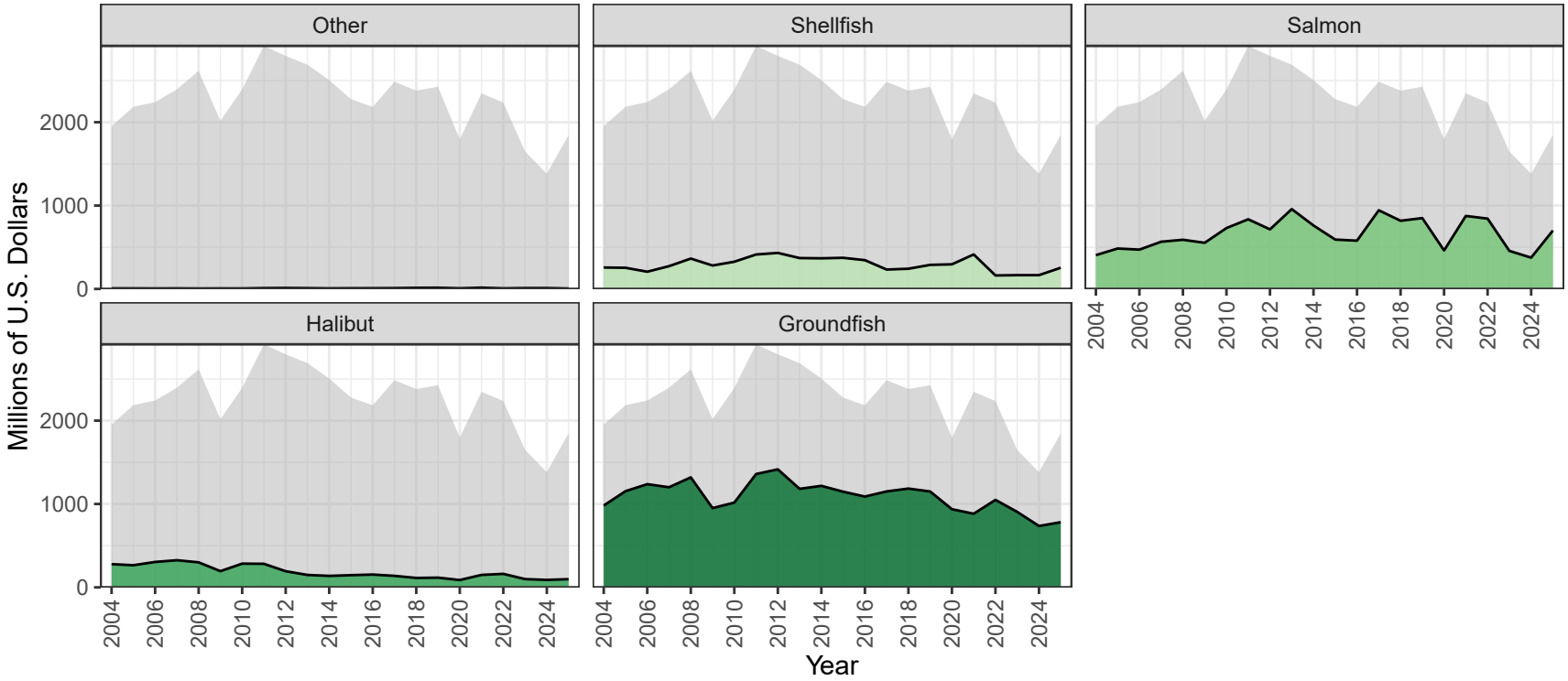


Figure 3.4: Real ex-vessel value of the domestic fish and shellfish catch off Alaska by species group, 2003-2025 (base year = 2025)

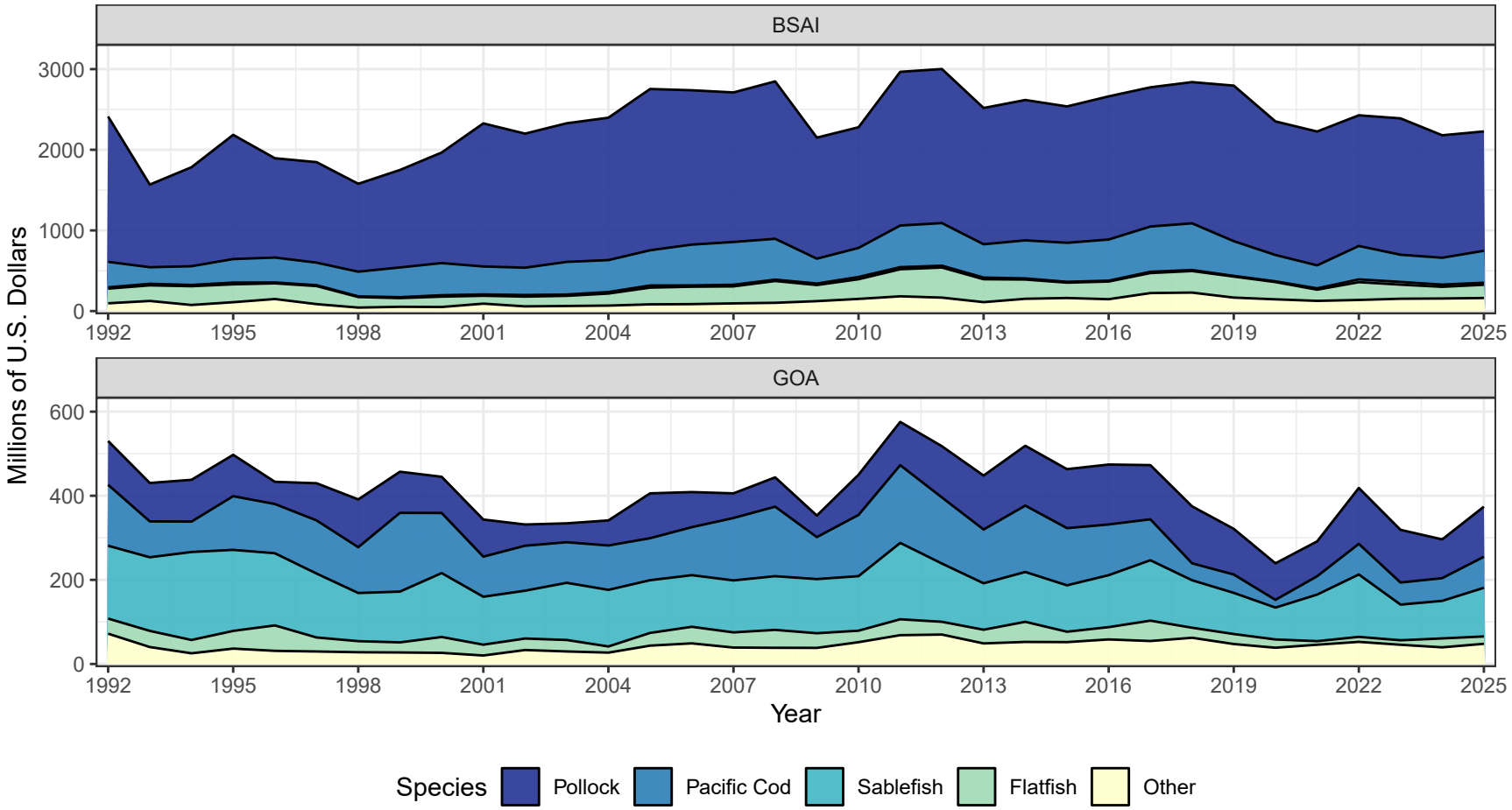


Figure 3.5: Real gross product value of the groundfish catch off Alaska by species, 1992-2025 (base year = 2025)

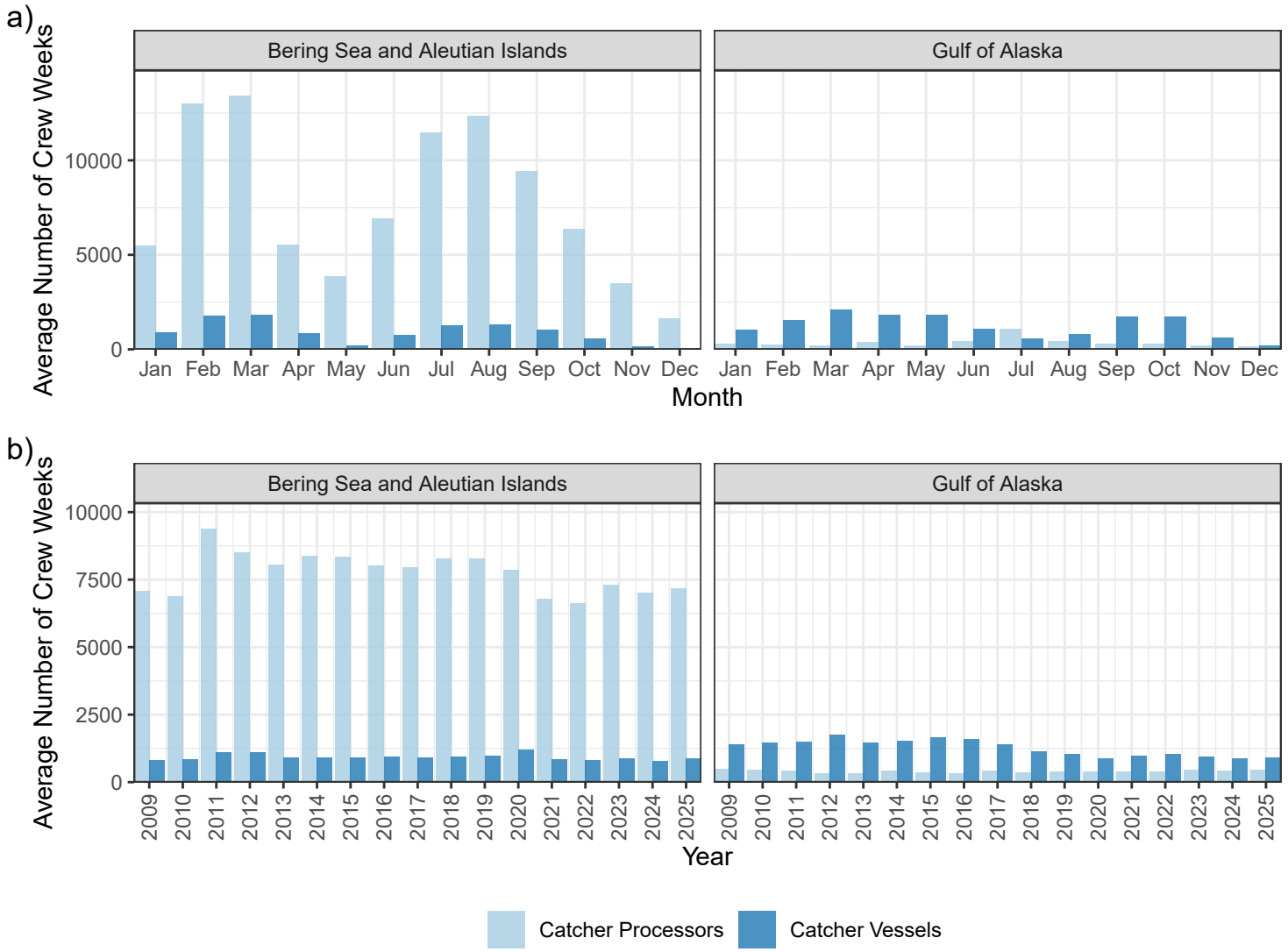


Figure 3.6: Average number of crew weeks in both BSAI and GOA by month for Catcher Processors and Catcher Vessels, 2009-2025 and by year, 2009-2025

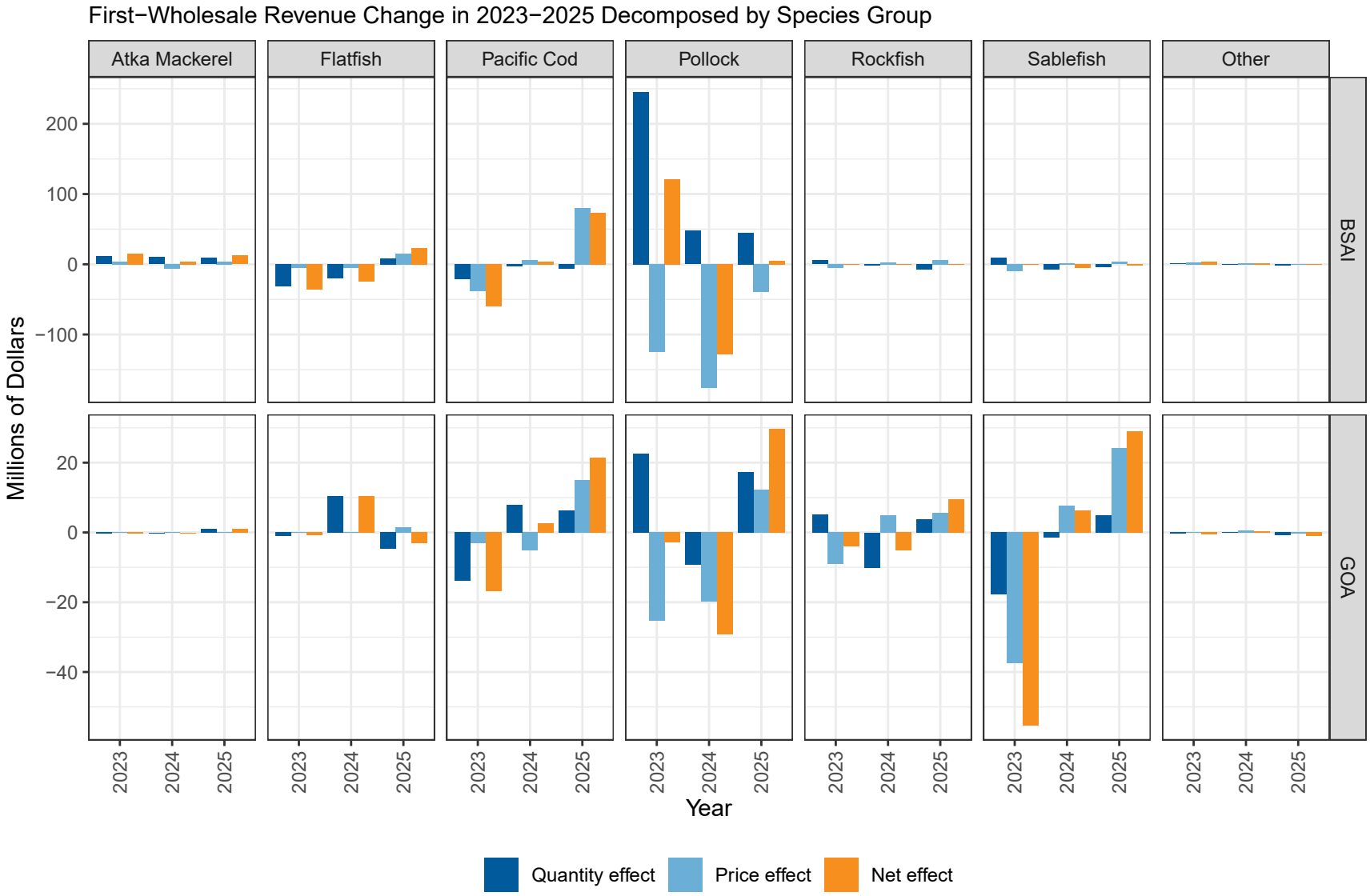


Figure 3.7: Decomposition of the change in first-wholesale revenues from 2023-2025 by species.

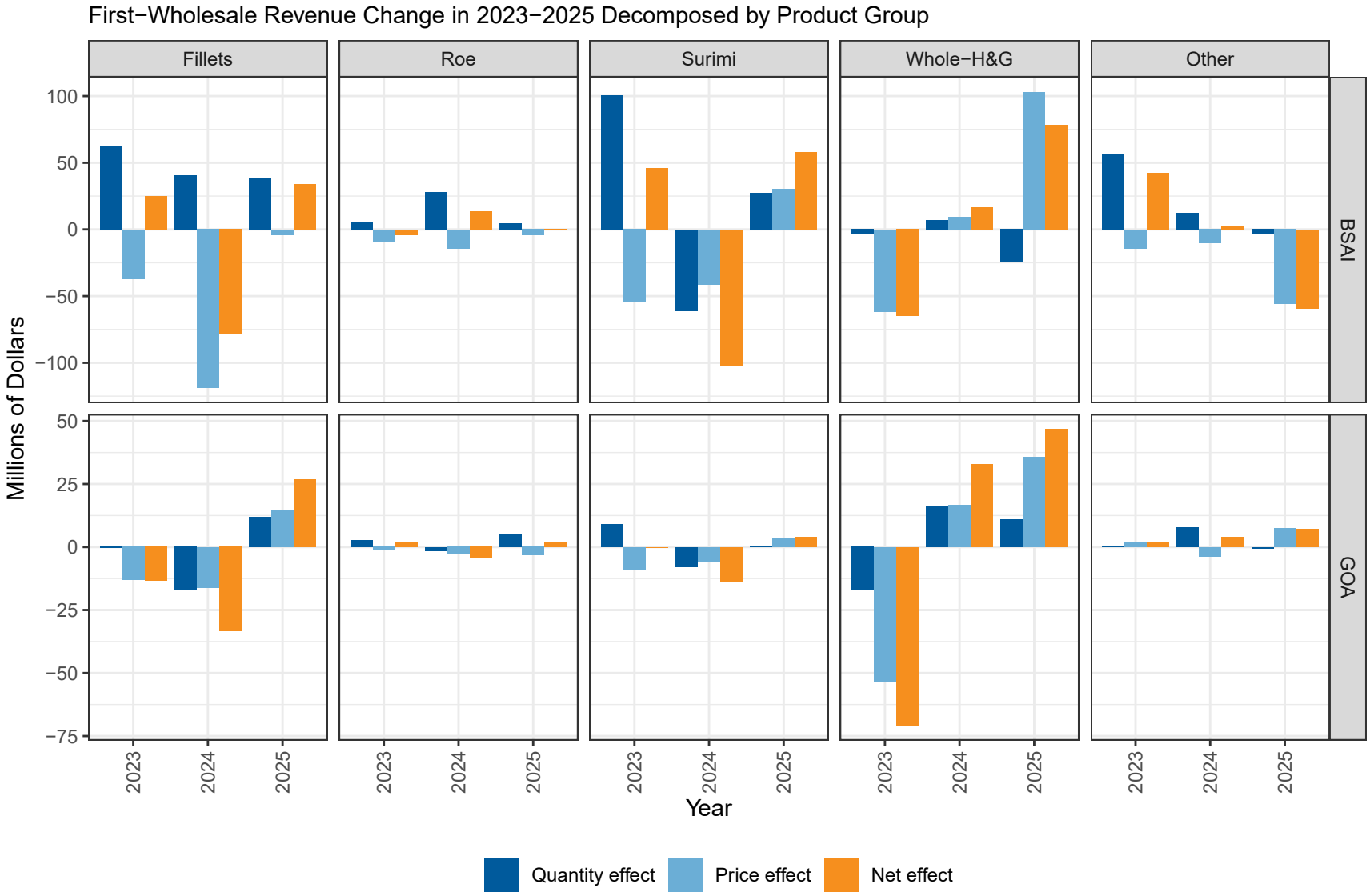


Figure 3.8: Decomposition of the change in first-wholesale revenues from 2023-2025 by product

Chapter 4

Tables Reporting Economic Data of the Groundfish Fisheries Off Alaska

4.1 Alaska Economic Data Tables

Table 4.1: Groundfish catch in the commercial fisheries off Alaska by area and species, 2016-2025 (1,000 metric tons, round weight).

		Pollock	Sablefish	Pacific Cod	Flatfish	Rockfish	Atka Mackerel	Total
	2016	1,354.90	0.90	260.90	225.50	36.80	54.50	1,969.40
	2017	1,360.90	1.70	253	211.40	38.10	64.40	1,968.90
	2018	1,381.20	2.20	220.30	212.20	41.70	70.40	1,966.20
	2019	1,411	3.80	198	208.60	54.30	57.50	1,959.50
	2020	1,370.40	6.60	169.90	214.10	50.80	58.90	1,896
	2021	1,378.10	5.70	135.80	169.20	43.70	61.30	1,814.30
Bering	2022	1,108.70	7.70	160.70	218.90	44.70	58.10	1,628.40
Sea and	2023	1,314.50	8.60	151.50	182.90	48.50	66.60	1,799
Aleutian	2024	1,316.30	6.30	147	164.40	48.10	72.20	1,781.80
Islands	2025	1,330.80	4.90	143.70	169.60	42.40	80.60	1,794.30
	2016	177.10	10	64.10	28.30	34.10	1.10	324.40
	2017	186.20	11.30	48.70	33.60	31.90	1.10	321.50
	2018	158.10	13	15.20	25.90	34.30	1.40	255.70
	2019	120.20	13.70	15.70	32	34.30	1.30	224.20
	2020	107.50	13.40	6.80	28.90	32.30	0.60	194.40
	2021	101.20	16.50	19.20	13	36.90	0.90	192.80
	2022	132.70	20.40	25.90	14.40	36.90	0.90	237.50
	2023	135.10	17.60	21.70	11.20	37.20	0.50	229.30
Gulf of	2024	129	18.10	25.90	22.80	30.60	0.40	233.30
Alaska	2025	138.80	19.50	27.60	17.30	34.20	1	245.20
	2016	1,532.10	10.90	324.90	253.90	70.90	55.60	2,293.80
	2017	1,547	13	301.80	245	70	65.50	2,290.50
	2018	1,539.20	15.20	235.40	238.20	76	71.80	2,221.90
	2019	1,531.30	17.50	213.80	240.70	88.70	58.70	2,183.70
	2020	1,477.90	20	176.80	243	83.10	59.50	2,090.40
	2021	1,479.30	22.20	154.90	182.20	80.60	62.30	2,007.10
	2022	1,241.50	28.10	186.60	233.30	81.60	59	1,866
	2023	1,449.60	26.20	173.20	194.10	85.60	67.10	2,028.30
All	2024	1,445.30	24.50	172.90	187.20	78.60	72.60	2,015.20
Alaska	2025	1,469.60	24.30	171.20	186.90	76.60	81.60	2,039.40

Note: The estimates are of total catch (i.e., retained and discarded catch).These estimates include catch from both federal and state of Alaska fisheries. As such, totals may be slightly larger than retained catch estimates provided in later tables.
Source: NMFS Office of Science and Technology, Fisheries Statistics Division, Fisheries of the United States. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.2: Groundfish retained catch off Alaska by area, sector, and species, 2021-2025 (1,000 metric tons, round weight).

		Bering Sea and Aleutian Islands			Gulf of Alaska			All Alaska		
		Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total
	2021	718.18	645.70	1,363.88	98.47	1.03	99.50	816.65	646.73	1,463.38
	2022	570.03	524.89	1,094.93	130.49	0.96	131.46	700.53	525.86	1,226.38
	2023	678.24	620.99	1,299.23	132.43	1.26	133.69	810.67	622.25	1,432.92
	2024	678.37	620.22	1,298.59	124.94	1.67	126.61	803.31	621.89	1,425.20
Pollock	2025	678.49	644.81	1,323.30	135.67	1.39	137.06	814.16	646.20	1,460.36
	2021	2.01	1.43	3.44	13.87	1.42	15.29	15.88	2.85	18.73
	2022	3.10	3.03	6.12	17.17	1.78	18.95	20.27	4.81	25.07
	2023	3.17	4.74	7.91	14.89	1.60	16.49	18.06	6.34	24.40
	2024	1.95	4.06	6.02	15.93	1.23	17.16	17.88	5.30	23.18
Sablefish	2025	1.44	3.30	4.74	17.26	0.47	17.73	18.70	3.77	22.48
	2021	52.69	79.40	132.08	15.97	0.17	16.14	68.65	79.57	148.23
	2022	64.85	93.60	158.45	21.48	2.68	24.16	86.34	96.28	182.62
	2023	61.29	88.34	149.64	17.59	2.13	19.72	78.89	90.47	169.36
Pacific	2024	54.34	90.90	145.25	21.94	2.35	24.29	76.29	93.25	169.54
Cod	2025	57.06	84.90	141.97	22.87	2.15	25.02	79.93	87.05	166.98
	2021	10.68	150.33	161.01	1.06	7.47	8.53	11.74	157.80	169.54
	2022	12.75	197.37	210.12	1.15	9.52	10.66	13.89	206.88	220.78
	2023	10.95	164.59	175.54	1.74	6.63	8.37	12.69	171.22	183.91
	2024	3.48	153.60	157.08	7.50	11.22	18.72	10.98	164.82	175.80
Flatfish	2025	4.51	157.96	162.47	2.17	8.33	10.51	6.68	166.29	172.98
	2021	2.31	38.31	40.62	17.80	17.54	35.34	20.11	55.85	75.96
	2022	2.04	40.14	42.17	15.70	19.12	34.82	17.74	59.26	77.00
	2023	2.67	43.38	46.05	16.49	18.82	35.31	19.16	62.19	81.36
	2024	3.04	42.83	45.88	12.30	16.88	29.18	15.34	59.71	75.06
Rockfish	2025	3.43	36.48	39.92	15.41	17.42	32.83	18.85	53.91	72.75
	2021	3.73	56.88	60.61	-	0.59	0.59	3.74	57.46	61.20
	2022	2.36	55.00	57.36	0.02	0.81	0.82	2.38	55.81	58.19
	2023	3.69	61.77	65.45	-	0.44	0.44	3.69	62.21	65.90
Atka	2024	3.98	67.49	71.47	-	0.34	0.34	3.98	67.83	71.81
Mackerel	2025	5.08	74.42	79.50	-	0.84	0.84	5.08	75.26	80.34

Table 4.2: Groundfish retained catch off Alaska by area, sector, and species, 2021-2025 (1,000 metric tons, round weight). *(continued)*

		Bering Sea and Aleutian Islands			Gulf of Alaska			All Alaska		
		Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total
	2021	790.01	980.54	1,770.54	147.40	28.22	175.62	937.41	1,008.76	1,946.16
	2022	655.55	926.22	1,581.76	186.27	35.02	221.29	841.82	961.24	1,803.05
	2023	760.37	996.14	1,756.51	183.40	31.00	214.41	943.77	1,027.15	1,970.92
All	2024	745.48	992.48	1,737.97	182.92	33.76	216.68	928.41	1,026.24	1,954.65
Groundfish	2025	750.36	1,011.59	1,761.94	193.86	30.66	224.52	944.21	1,042.25	1,986.46

Note: The estimates are of retained catch (i.e., excludes discarded catch). All groundfish include additional species categories. These estimates include only catch counted against federal TACs. Includes FMP groundfish catch on halibut targets. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.3: Groundfish ex-vessel value off Alaska by area, sector, and species, 2021-2025 ($ millions).

		Bering Sea and Aleutian Islands			Gulf of Alaska			All Alaska		
		Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total
	2021	243.23	175.07	418.30	26.96	0.28	27.24	270.19	175.35	445.54
	2022	242.45	176.44	418.89	48.63	0.33	48.96	291.08	176.76	467.85
	2023	244.47	173.39	417.86	37.15	0.35	37.50	281.62	173.74	455.36
	2024	213.63	160.36	373.98	26.70	0.36	27.06	240.33	160.71	401.04
Pollock	2025	196.89	160.94	357.83	27.92	0.29	28.20	224.81	161.23	386.04
	2021	7.51	3.91	11.42	68.51	5.09	73.60	76.02	9.00	85.02
	2022	12.49	7.72	20.20	97.28	6.78	104.06	109.77	14.49	124.26
	2023	8.29	8.36	16.65	60.17	4.14	64.31	68.46	12.50	80.96
	2024	5.10	6.55	11.65	52.12	3.18	55.30	57.22	9.73	66.95
Sablefish	2025	5.36	6.62	11.99	74.54	1.03	75.56	79.90	7.65	87.55
	2021	42.46	57.16	99.62	13.74	0.14	13.88	56.19	57.30	113.50
	2022	66.09	96.03	162.13	22.23	2.81	25.03	88.32	98.84	187.16
	2023	60.46	85.94	146.41	16.28	2.05	18.32	76.74	87.99	164.73
Pacific	2024	33.86	56.85	90.71	12.60	1.38	13.98	46.45	58.23	104.68
Cod	2025	48.69	73.86	122.55	22.34	2.12	24.46	71.04	75.98	147.01
	2021	3.37	50.37	53.75	0.14	1.14	1.28	3.52	51.51	55.03
	2022	5.31	85.99	91.30	0.27	2.26	2.54	5.59	88.26	93.84
	2023	4.49	70.22	74.71	0.31	1.09	1.40	4.80	71.31	76.11
	2024	1.47	61.78	63.25	1.45	2.18	3.62	2.91	63.96	66.87
Flatfish	2025	1.99	70.17	72.16	0.48	1.74	2.22	2.47	71.91	74.38
	2021	0.76	12.60	13.36	5.65	4.99	10.63	6.41	17.58	23.99
	2022	0.87	17.06	17.94	6.02	6.26	12.28	6.90	23.33	30.22
	2023	1.06	16.77	17.83	5.56	5.25	10.81	6.62	22.02	28.64
	2024	1.20	17.41	18.61	3.25	3.33	6.58	4.45	20.74	25.19
Rockfish	2025	1.57	16.36	17.93	5.54	5.10	10.64	7.11	21.45	28.56
	2021	1.82	27.69	29.51	0.00	0.39	0.40	1.82	28.08	29.90
	2022	1.28	29.73	31.01	0.01	0.45	0.46	1.28	30.18	31.46
	2023	2.12	35.46	37.58	0.00	0.26	0.26	2.12	35.72	37.83
Atka	2024	2.20	37.27	39.47	0.00	0.20	0.20	2.20	37.47	39.67
Mackerel	2025	2.80	41.08	43.89	0.00	0.58	0.58	2.81	41.66	44.47

Table 4.3: Groundfish ex-vessel value off Alaska by area, sector, and species, 2021-2025 ($ millions). *(continued)*

		Bering Sea and Aleutian Islands			Gulf of Alaska			All Alaska		
		Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total
	2021	299.22	329.53	628.74	115.18	12.03	127.21	414.40	341.56	755.95
	2022	328.68	436.24	764.92	174.63	19.03	193.66	503.31	455.27	958.58
	2023	321.00	403.88	724.88	119.63	13.27	132.90	440.63	417.15	857.78
All	2024	257.59	350.90	608.49	96.33	10.69	107.02	353.92	361.59	715.51
Groundfish	2025	257.46	377.44	634.89	131.15	10.91	142.06	388.61	388.34	776.95

Note: Ex-vessel value is calculated by multiplying ex-vessel prices (Tables 4.13 and 4.31) by the retained round weight catch. The value added by at-sea processing is not included in these estimates of ex-vessel value. All groundfish includes additional species categories.Values are not adjusted for inflation."*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.4: Discards and discard rates for groundfish catch off Alaska by gear, and species, 2021-2025 (1,000 metric tons, round weight).

		Fixed		Trawl		All Gear	
		Total Discards	Discard Rate	Total Discards	Discard Rate	Total Discards	Discard Rate
	2021	0.50	15	14.90	1	15.40	1
	2022	0.70	15	14.20	1	14.90	1
	2023	0.70	13	15.70	1	16.50	1
	2024	0.50	9	19.20	1	19.70	1
Pollock	2025	0.60	11	8.40	1	8.90	1
	2021	1.10	6	2.30	48	3.40	15
	2022	1.20	5	1.70	33	2.90	10
	2023	0.90	4	0.80	14	1.70	6
	2024	0.90	5	0.30	6	1.20	5
Sablefish	2025	0.90	4	0.20	5	1.10	5
	2021	2.00	2	2.80	6	4.80	3
	2022	2.40	2	1.20	2	3.70	2
	2023	2.60	2	1.00	2	3.70	2
Pacific	2024	2.30	2	1.00	2	3.30	2
Cod	2025	2.40	2	1.50	3	3.90	2
	2021	1.90	97	8.10	5	10.00	6
	2022	2.60	98	7.60	3	10.20	4
	2023	1.80	96	6.60	3	8.40	4
	2024	2.50	95	7.70	4	10.20	5
Flatfish	2025	2.70	88	5.90	3	8.60	5
	2021	0.60	46	3.90	5	4.50	6
	2022	0.50	43	3.80	5	4.40	5
	2023	0.30	28	3.90	5	4.20	5
	2024	0.30	32	3.20	4	3.50	4
Rockfish	2025	0.50	42	3.30	4	3.80	5
	2021	0.10	98	0.80	1	0.80	1
	2022	0.10	100	0.70	1	0.70	1
	2023	-	94	1.00	2	1.00	2
Atka	2024	-	94	0.70	1	0.70	1
Mackerel	2025	-	98	1.10	1	1.10	1
	2021	18.30	11	37.00	2	55.30	3
	2022	26.00	12	33.70	2	59.70	3
	2023	21.90	11	32.90	2	54.80	3
All	2024	23.30	12	35.20	2	58.50	3
Groundfish	2025	23.30	13	22.30	1	45.70	2

Note: All groundfish and all gear may include additional species or gear types.Discards rates are calculated as 100xdiscards/(total catch). See the seventh bullet in Section 2.2.6 for an explanation of 0 discards with positive discard rates. For details on discard estimation see Cahalan, J., J. Gasper, and J. Mondragon. 2014. Catch sampling and estimation in the federal groundfish fisheries off Alaska, 2015 edition. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-286, 46 p.
Source NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.5: Prohibited species catch (PSC) by species, area and gear, 2021-2025 (metric tons (t) or number in 1,000s).

	Gear	Year	Halibut (t)	Herring (t)	Chinook (1,000s)	Other salmon (1,000s)	Red King Crab (1,000s)	Other King Crab (1,000s)	Bairdi (1,000s)	Other tanner (1,000s)
Bering Sea and Aleutian Islands	Fixed	2021	109.00	0.00	0.02	0.05	296.84	55.13	42.93	88.49
		2022	186.00	0.00	0.01	0.11	150.80	18.38	118.96	71.43
		2023	148.00	0.00	-	0.08	94.24	27.12	79.12	58.24
		2024	173.00	0.00	0.04	0.11	33.63	15.00	83.87	53.05
		2025	209.00	0.00	0.04	0.06	27.38	11.58	161.88	84.38
	Trawl	2021	1,427.00	1,880.00	15.88	550.65	40.73	17.09	588.47	247.22
		2022	2,057.00	1,751.00	8.34	245.16	8.60	13.40	436.14	204.38
		2023	1,719.00	3,312.00	14.61	116.65	13.30	17.84	572.78	777.09
		2024	1,565.00	1,363.00	10.42	39.28	22.79	7.74	473.00	556.36
		2025	1,659.00	3,102.00	23.22	156.27	21.20	15.39	315.32	156.47
	All Gear	2021	1,536.00	1,880.00	15.90	550.70	337.57	72.22	631.39	335.71
		2022	2,243.00	1,751.00	8.34	245.27	159.40	31.78	555.10	275.81
		2023	1,866.00	3,312.00	14.61	116.72	107.54	44.96	651.90	835.33
		2024	1,738.00	1,363.00	10.46	39.40	56.42	22.75	556.86	609.40
		2025	1,868.00	3,102.00	23.26	156.33	48.59	26.97	477.20	240.85
Gulf of Alaska	Fixed	2021	12.00	-	-	0.15	0.01	0.11	30.41	-
		2022	29.00	-	-	0.01	-	0.23	25.19	-
		2023	17.00	-	-	*	-	1.56	26.19	-
		2024	14.00	-	-	0.01	-	1.82	11.11	-
		2025	28.00	-	-	0.01	-	24.44	6.87	-
	Trawl	2021	365.00	19.00	17.09	3.53	*	0.12	15.41	-
		2022	354.00	85.00	14.48	5.24	-	0.14	7.73	-
		2023	278.00	69.00	21.15	5.62	-	0.61	15.08	-
		2024	486.00	38.00	28.34	9.37	0.54	4.26	33.77	-
		2025	265.00	98.00	15.77	15.95	1.27	0.07	15.53	*
	All Gear	2021	377.00	19.00	17.09	3.68	0.01	0.22	45.83	-
		2022	382.00	85.00	14.48	5.25	-	0.37	32.92	-
		2023	295.00	69.00	21.15	5.62	-	2.17	41.27	-
		2024	500.00	38.00	28.34	9.38	0.54	6.08	44.88	-
		2025	293.00	98.00	15.77	15.95	1.27	24.51	22.40	*

Note: These estimates include only catches counted against federal TACs. Totals may include additional categories. Totals include halibut mortality taken by Amendment 80 vessels under the Exempted Fishing Permit No. 2015-02. The estimates of halibut bycatch mortality are based on the IPHC discard mortality rates that were used for

in-season management. The halibut IFQ program allows retention of halibut in the hook-and-line groundfish fisheries, making true halibut bycatch numbers unavailable for these fisheries. This is particularly a problem in the GOA for all hook-and-line fisheries and in the BSAI for the sablefish hook-and-line fishery. Therefore, estimates of halibut bycatch mortality are not included in this table for those fisheries. There were substantial changes to the observer program in 2013 that could affect the comparability of 2013 and later years, to previous years. Excludes PSC on halibut targets. Excludes PSC in state fisheries (sablefish and P. cod targets in state waters). For details on prohibited species catch estimation see Cahalan, J., J. Gasper, and J. Mondragon. 2014. Catch sampling and estimation in the federal groundfish fisheries off Alaska, 2015 edition. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-286, 46 p. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.6: Catch and real ex-vessel value of the commercial fisheries off Alaska by species group and area, 2021-2025; calculations based on COAR (1,000 metric tons and $ millions, base year = 2025).

		Bering Sea and Aleutian Islands		Gulf of Alaska		All Alaska	
		Quantity	Value	Quantity	Value	Quantity	Value
	Groundfish	1,771.02	$ 732.41	179.89	$ 150.56	1,950.91	$ 882.97
	Salmon	99.89	$ 436.42	265.79	$ 439.09	365.69	$ 875.52
	Halibut	1.36	$ 20.59	7.67	$ 128.68	9.02	$ 149.27
	Herring	10.58	$ 1.70	17.70	$ 7.74	28.28	$ 9.44
	Shellfish	23.59	$ 350.86	5.04	$ 62.71	28.62	$ 413.57
	Other	-	-	1.39	$ 15.53	1.39	$ 15.53
2021	All Species	1,906.45	$ 1,541.99	477.48	$ 804.31	2,383.92	$ 2,346.30
	Groundfish	1,581.99	$ 836.91	223.36	$ 212.52	1,805.35	$ 1,049.43
	Salmon	149.56	$ 492.35	163.20	$ 351.10	312.76	$ 843.45
	Halibut	1.32	$ 22.78	7.86	$ 138.88	9.18	$ 161.66
	Herring	10.66	$ 2.00	25.59	$ 9.90	36.25	$ 11.90
	Shellfish	6.44	$ 110.48	4.63	$ 51.36	11.07	$ 161.84
	Other	-	-	1.18	$ 7.17	1.18	$ 7.17
2022	All Species	1,749.97	$ 1,464.52	425.81	$ 770.93	2,175.79	$ 2,235.44
	Groundfish	1,757.15	$ 764.71	216.28	$ 140.60	1,973.42	$ 905.31
	Salmon	107.58	$ 192.95	275.45	$ 263.80	383.02	$ 456.75
	Halibut	1.03	$ 11.93	6.80	$ 87.09	7.83	$ 99.03
	Herring	1.58	$ 0.72	10.28	$ 11.61	11.86	$ 12.33
	Shellfish	5.77	$ 109.54	7.38	$ 55.74	13.15	$ 165.29
	Other	-	-	1.14	$ 10.54	1.14	$ 10.54
2023	All Species	1,873.11	$ 1,079.86	517.32	$ 569.39	2,390.43	$ 1,649.25
	Groundfish	1,738.28	$ 625.54	218.39	$ 110.53	1,956.67	$ 736.06
	Salmon	69.83	$ 191.83	111.55	$ 183.58	181.37	$ 375.42
	Halibut	0.66	$ 6.25	6.56	$ 83.28	7.22	$ 89.53
	Herring	0.92	$ 0.51	12.41	$ 4.51	13.33	$ 5.02
	Shellfish	5.20	$ 121.45	4.92	$ 43.87	10.12	$ 165.32
	Other	-	-	1.23	$ 10.75	1.23	$ 10.75
2024	All Species	1,814.88	$ 945.57	355.06	$ 436.53	2,169.94	$ 1,382.10
	Groundfish	1,762.19	$ 635.02	231.55	$ 146.64	1,993.74	$ 781.66
	Salmon	100.20	$ 346.82	233.76	$ 354.22	333.97	$ 701.04
	Halibut	0.44	$ 6.53	5.40	$ 91.72	5.84	$ 98.24
	Herring	2.37	$ 1.27	7.61	$ 6.87	9.98	$ 8.14
	Shellfish	9.69	$ 213.49	3.05	$ 40.50	12.74	$ 253.99
	Other	-	-	0.99	$ 5.14	0.99	$ 5.14
2025	All Species	1,874.90	$ 1,203.13	482.36	$ 645.09	2,357.26	$ 1,848.21

Note: These estimates include the value of catch from both federal and state of Alaska fisheries. The data have been adjusted to 2025 dollars by applying the Personal Consumption Expenditure Index at https://research.stlouisfed.org/fred2/series/PCEPI to account for affects of inflation on fishermen's revenue.
Source NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Office of Science and Technology, Fisheries Statistics Division, Fisheries of the United States. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.7: Production and real gross value of groundish and non-groundish products in the commercial fisheries of Alaska by species group and area of processing, 2021-2025 (1,000 metric tons product weight and $ millions, base year = 2025).

		Bering Sea and Aleutian Islands		Gulf of Alaska		All Alaska	
		Quantity	Value	Quantity	Value	Quantity	Value
	Groundfish	692.00	$ 2,226.20	73.40	$ 291.60	765.30	$ 2,517.80
	Salmon	64.80	$ 767.70	204.80	$ 1,477.20	269.60	$ 2,244.90
	Halibut	1.10	$ 21.40	6.50	$ 157.70	7.50	$ 179.10
	Herring	8.20	$ 12.10	22.60	$ 31.50	30.90	$ 43.60
	Crab	16.30	$ 425.00	3.70	$ 121.70	20.00	$ 546.70
	Other	-	-	1.00	$ 24.80	1.00	$ 24.80
2021	All Species	782.40	$ 3,452.40	311.90	$ 2,104.40	1,094.30	$ 5,556.80
	Groundfish	665.80	$ 2,427.50	89.80	$ 418.60	755.60	$ 2,846.10
	Salmon	83.60	$ 857.30	185.00	$ 1,413.90	268.60	$ 2,271.20
	Halibut	0.90	$ 17.30	6.40	$ 163.50	7.20	$ 180.90
	Herring	10.40	$ 14.90	26.90	$ 45.50	37.30	$ 60.40
	Crab	3.50	$ 124.00	2.70	$ 80.00	6.30	$ 204.00
	Other	-	-	1.40	$ 24.50	1.40	$ 24.50
2022	All Species	764.30	$ 3,441.00	312.20	$ 2,146.00	1,076.40	$ 5,587.10
	Groundfish	727.00	$ 2,389.30	93.10	$ 319.00	820.10	$ 2,708.30
	Salmon	71.70	$ 607.80	235.10	$ 1,150.70	306.80	$ 1,758.50
	Halibut	0.90	$ 11.70	5.30	$ 103.80	6.10	$ 115.50
	Herring	*	$ *	12.80	$ 20.90	12.80	$ 20.90
	Crab	2.90	$ 95.40	4.30	$ 76.40	7.10	$ 171.80
	Other	-	-	0.90	$ 26.80	0.90	$ 26.80
2023	All Species	802.40	$ 3,104.20	351.40	$ 1,697.60	1,153.80	$ 4,801.80
	Groundfish	726.40	$ 2,179.90	98.70	$ 296.30	825.10	$ 2,476.20
	Salmon	48.60	$ 515.20	107.90	$ 737.40	156.40	$ 1,252.60
	Halibut	0.50	$ 6.80	4.90	$ 92.40	5.40	$ 99.20
	Herring	0.90	$ 1.10	13.00	$ 15.30	13.90	$ 16.40
	Crab	3.30	$ 101.90	2.20	$ 47.90	5.50	$ 149.70
	Other	-	-	0.70	$ 21.00	0.70	$ 21.00
2024	All Species	779.70	$ 2,804.90	227.50	$ 1,210.30	1,007.10	$ 4,015.10
	Groundfish	738.70	$ 2,227.40	107.40	$ 374.10	846.10	$ 2,601.50
	Salmon	71.80	$ 800.90	203.60	$ 1,392.60	275.40	$ 2,193.50
	Halibut	0.40	$ 7.30	4.10	$ 102.70	4.40	$ 110.00
	Herring	1.90	$ 2.80	8.80	$ 14.80	10.70	$ 17.70
	Crab	6.70	$ 216.60	1.30	$ 42.60	7.90	$ 259.20
	Other	-	-	0.70	$ 21.90	0.70	$ 21.90
2025	All Species	819.40	$ 3,255.00	325.90	$ 1,948.70	1,145.30	$ 5,203.70

Note: These estimates include the value of catch from both federal and state of Alaska fisheries. The data have been adjusted to 2025 dollars by applying the Personal Consumption Expenditure Index at https://research.stlouisfed.org/fred2/series/PCEPI to account for affects of inflation on fishermen's revenue.
Source NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Office of Science and Technology, Fisheries Statistics Division, Fisheries of the United States. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.8: Percentage of ex-vessel value of the groundfish catch of Alaska by area, residency, and species, 2021-2025; calculations based on COAR.

		Bering Sea and Aleutian Islands		Gulf of Alaska		All Alaska	
		Alaska	Other	Alaska	Other	Alaska	Other
	2021	9 %	91 %	51 %	49 %	11 %	89 %
	2022	12 %	88 %	46 %	54 %	16 %	84 %
	2023	13 %	87 %	54 %	46 %	16 %	84 %
	2024	14 %	86 %	63 %	37 %	17 %	83 %
Pollock	2025	14 %	86 %	62 %	38 %	18 %	82 %
	2021	61 %	39 %	62 %	38 %	62 %	38 %
	2022	54 %	46 %	62 %	38 %	61 %	39 %
	2023	50 %	50 %	65 %	35 %	62 %	38 %
	2024	51 %	49 %	71 %	29 %	67 %	33 %
Sablefish	2025	46 %	54 %	67 %	33 %	64 %	36 %
	2021	21 %	79 %	72 %	28 %	28 %	72 %
	2022	22 %	78 %	70 %	30 %	28 %	72 %
	2023	23 %	77 %	74 %	26 %	29 %	71 %
Pacific	2024	21 %	79 %	76 %	24 %	29 %	71 %
Cod	2025	20 %	80 %	79 %	21 %	30 %	70 %
	2021	27 %	73 %	27 %	73 %	27 %	73 %
	2022	24 %	76 %	22 %	78 %	24 %	76 %
	2023	22 %	78 %	21 %	79 %	22 %	78 %
	2024	22 %	78 %	54 %	46 %	24 %	76 %
Flatfish	2025	21 %	79 %	41 %	59 %	22 %	78 %
	2021	33 %	67 %	45 %	55 %	38 %	62 %
	2022	36 %	64 %	42 %	58 %	39 %	61 %
	2023	38 %	62 %	42 %	58 %	39 %	61 %
	2024	24 %	76 %	50 %	50 %	31 %	69 %
Rockfish	2025	22 %	78 %	46 %	54 %	31 %	69 %
	2021	38 %	62 %	6 %	94 %	38 %	62 %
	2022	44 %	56 %	22 %	78 %	43 %	57 %
	2023	42 %	58 %	24 %	76 %	42 %	58 %
Atka	2024	28 %	72 %	15 %	85 %	27 %	73 %
Mackerel	2025	27 %	73 %	10 %	90 %	27 %	73 %
	2021	15 %	85 %	59 %	41 %	22 %	78 %
	2022	18 %	82 %	57 %	43 %	26 %	74 %
	2023	19 %	81 %	61 %	39 %	25 %	75 %
All	2024	17 %	83 %	67 %	33 %	25 %	75 %
Groundfish	2025	18 %	82 %	66 %	34 %	27 %	73 %

Note: These estimates include only catches counted against federal TACs. Ex-vessel value is calculate using prices from Tables 4.13 and 4.31. Please refer to Tables 4.13 and 4.31 for a description of the price derivation. Catch delivered to motherships is classified by the residency of the owner of the mothership. All other catch is classified by the residence of the owner of the fishing vessel. All groundfish include additional species categories. For catch for which the residence is unknown, there are either no data or the data have been suppressed to preserve confidentiality. Values are not adjusted for inflation.
Source NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Office of Science and Technology, Fisheries Statistics Division, Fisheries of the United States. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.9: Number of vessels that caught groundfish of Alaska by area, vessel category, gear, and target, 2021-2025.

		Bering Sea and Aleutian Islands			Gulf of Alaska			All Alaska		
		Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total
	2021	84	32	116	56	2	58	124	33	157
	2022	82	30	112	53	1	54	120	30	150
	2023	76	28	104	52	-	52	114	28	142
	2024	76	27	103	54	1	55	117	28	145
Pollock	2025	68	25	93	45	-	45	103	25	128
	2021	20	4	24	245	5	250	258	8	266
	2022	24	11	35	249	7	256	262	13	275
	2023	29	13	42	237	5	242	250	15	265
	2024	17	9	26	217	3	220	225	11	236
Sablefish	2025	15	8	23	225	2	227	234	10	244
	2021	115	31	146	184	2	186	277	31	308
	2022	120	30	150	200	6	206	285	30	315
	2023	109	31	140	214	5	219	301	31	332
Pacific	2024	67	30	97	171	4	175	223	30	253
Cod	2025	71	31	102	203	6	209	260	31	291
	2021	7	21	28	4	4	8	11	22	33
	2022	6	20	26	4	6	10	10	21	31
	2023	6	19	25	9	3	12	15	19	34
	2024	4	18	22	9	5	14	13	18	31
Flatfish	2025	5	15	20	13	3	16	18	15	33
	2021	4	21	25	74	7	81	78	23	101
	2022	3	15	18	60	7	67	63	18	81
	2023	3	15	18	77	8	85	80	16	96
	2024	3	14	17	62	7	69	65	14	79
Rockfish	2025	4	13	17	75	7	82	79	15	94
	2021	4	14	18	-	-	-	4	14	18
	2022	3	14	17	-	-	-	3	14	17
	2023	4	13	17	-	-	-	4	13	17
Atka	2024	4	12	16	-	-	-	4	12	16
Mackerel	2025	4	9	13	-	-	-	4	9	13

Table 4.9: Number of vessels that caught groundfish of Alaska by area, vessel category, gear, and target, 2021-2025. *(continued)*

		Bering Sea and Aleutian Islands			Gulf of Alaska			All Alaska		
		Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total	Catcher Vessels	Catcher Processors	Total
	2021	171	55	226	431	14	445	543	57	600
	2022	182	55	237	436	21	457	551	57	608
	2023	164	52	216	474	18	492	576	53	629
All	2024	131	49	180	385	15	400	474	50	524
Targets	2025	131	45	176	429	15	444	519	47	566

Note: The target is determined based on vessel, week, catching mode, NMFS area, and gear. These estimates include only vessels that fished part of federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Office of Science and Technology, Fisheries Statistics Division, Fisheries of the United States. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

4.2 Bering Sea & Aleutian Island Economic Data Tables

Table 4.10: Bering Sea and Aleutian Islands groundfish retained catch by vessel type, gear and species, 2021-2025, (1,000 metric tons, round weight).

		Catcher Vessels				Catcher Processors				Total			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	718.20	718.20	-	-	642.60	645.70	-	-	1,360.80	1,363.90
	2022	-	-	570.00	570.00	-	-	520.80	524.90	-	-	1,090.80	1,094.90
	2023	-	-	678.20	678.20	-	-	616.00	621.00	-	-	1,294.20	1,299.20
	2024	-	-	678.40	678.40	-	-	615.40	620.20	-	-	1,293.70	1,298.60
Pollock	2025	-	-	678.50	678.50	-	-	640.40	644.80	-	-	1,318.80	1,323.30
	2021	0.20	30.50	22.00	52.70	58.90	2.30	18.10	79.40	59.10	32.80	40.10	132.10
	2022	0.20	39.70	25.00	64.80	70.40	2.70	20.50	93.60	70.50	42.40	45.40	158.40
	2023	-	36.60	24.60	61.30	65.50	2.40	20.40	88.30	65.50	39.00	45.00	149.50
	2024	-	29.80	24.50	54.30	68.90	*	21.50	90.30	68.90	29.80	45.90	144.60
Pacific Cod	2025	-	32.70	24.30	57.10	63.00	*	19.50	82.50	63.00	32.70	43.90	139.60
	2021	0.10	1.40	0.40	1.90	-	*	0.80	0.90	0.20	1.40	1.30	2.80
	2022	0.20	2.70	0.20	3.10	*	1.10	2.00	3.00	0.20	3.80	2.10	6.10
	2023	-	2.60	0.30	3.00	-	1.50	3.20	4.70	-	4.10	3.60	7.80
	2024	-	1.70	0.20	1.90	-	*	3.90	3.90	-	1.70	4.10	5.80
Sablefish	2025	-	1.40	-	1.40	-	*	2.80	2.80	-	1.40	2.90	4.30
	2021	-	-	3.70	3.70	-	-	56.90	56.90	-	-	60.60	60.60
	2022	-	-	2.40	2.40	-	-	55.00	55.00	-	-	57.40	57.40
	2023	-	-	3.70	3.70	-	-	61.80	61.80	-	-	65.50	65.50
Atka	2024	-	-	4.00	4.00	-	-	67.50	67.50	-	-	71.50	71.50
Mackerel	2025	-	-	5.10	5.10	-	-	74.40	74.40	-	-	79.50	79.50
	2021	-	-	8.00	8.00	*	-	98.70	98.70	*	-	106.70	106.70
	2022	-	-	10.30	10.30	*	-	141.20	141.20	*	-	151.50	151.50
	2023	-	-	7.40	7.40	-	-	103.70	103.70	-	-	111.10	111.10
	2024	-	-	1.50	1.50	*	-	88.00	88.00	*	-	89.50	89.50
Yellowfin	2025	-	-	1.90	1.90	-	-	88.40	88.40	-	-	90.30	90.30

Table 4.10: Bering Sea and Aleutian Islands groundfish retained catch by vessel type, gear and species, 2021-2025, (1,000 metric tons, round weight). *(continued)*

		Catcher Vessels				Catcher Processors				Total			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	0.60	0.60	*	-	12.80	12.80	*	-	13.40	13.40
	2022	-	-	0.70	0.70	*	-	16.70	16.70	*	-	17.40	17.40
	2023	-	-	1.50	1.50	*	-	24.60	24.60	*	-	26.20	26.20
	2024	-	-	0.80	0.80	-	-	28.20	28.20	-	-	29.00	29.00
Rock Sole	2025	-	-	0.90	0.90	*	-	39.70	39.70	*	-	40.60	40.60
	2021	-	-	0.70	0.70	-	-	8.70	8.80	-	-	9.50	9.50
	2022	-	-	0.70	0.70	*	-	12.90	12.90	*	-	13.60	13.70
	2023	-	-	0.50	0.50	*	-	7.60	7.60	*	-	8.20	8.20
Flathead	2024	-	-	0.40	0.40	*	-	11.90	11.90	*	-	12.30	12.30
Sole	2025	-	-	0.80	0.80	-	-	7.00	7.00	-	-	7.90	7.90
	2021	*	-	0.20	0.20	-	-	7.70	7.80	-	-	8.00	8.00
	2022	-	-	0.10	0.10	*	-	6.60	6.60	-	-	6.70	6.70
	2023	*	-	0.20	0.20	0.10	-	6.00	6.00	0.10	-	6.20	6.30
	2024	*	-	0.10	0.10	0.10	-	8.90	9.00	0.10	-	9.00	9.10
Arrowtooth	2025	*	-	0.20	0.20	0.30	-	7.60	8.00	0.30	-	7.80	8.20
	2021	-	-	-	-	-	-	6.40	6.40	-	-	6.40	6.40
	2022	-	-	-	-	*	-	8.00	8.00	*	-	8.00	8.00
	2023	*	-	0.10	0.10	-	-	6.70	6.70	-	-	6.80	6.80
Kamchatka	2024	*	-	0.20	0.20	-	-	4.80	4.80	-	-	5.00	5.00
Flounder	2025	-	-	-	-	-	-	4.80	4.80	-	-	4.80	4.80
	2021	*	-	-	-	-	-	1.50	1.50	-	-	1.50	1.50
	2022	*	-	-	-	-	-	1.40	1.40	-	-	1.40	1.40
	2023	*	-	-	-	-	-	1.10	1.10	-	-	1.10	1.20
	2024	*	-	-	-	*	-	0.70	0.70	*	-	0.70	0.70
Turbot	2025	*	-	-	-	-	-	0.60	0.60	-	-	0.60	0.60

Table 4.10: Bering Sea and Aleutian Islands groundfish retained catch by vessel type, gear and species, 2021-2025, (1,000 metric tons, round weight). *(continued)*

		Catcher Vessels				Catcher Processors				Total			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	1.10	1.10	*	-	14.40	14.40	*	-	15.40	15.40
	2022	-	-	0.80	0.80	-	-	10.60	10.60	-	-	11.40	11.40
	2023	-	-	1.20	1.20	-	-	14.80	14.80	-	-	16.00	16.00
Other	2024	-	-	0.50	0.50	-	-	11.10	11.10	-	-	11.50	11.50
Flatfish	2025	-	-	0.60	0.60	*	-	9.40	9.40	*	-	10.00	10.00
	2021	-	-	2.10	2.10	*	-	31.60	31.60	*	-	33.70	33.70
	2022	*	-	1.80	1.80	-	-	31.80	31.80	*	-	33.60	33.60
Pacific	2023	*	-	2.40	2.40	*	-	32.50	32.50	*	-	34.90	34.90
Ocean	2024	*	-	2.50	2.50	-	-	34.00	34.00	*	-	36.50	36.50
Perch	2025	*	-	3.10	3.10	-	-	28.30	28.30	-	-	31.50	31.50
	2021	*	-	0.20	0.20	*	-	5.50	5.50	*	-	5.60	5.60
	2022	-	-	0.10	0.10	-	-	7.10	7.10	-	-	7.30	7.30
	2023	*	-	0.20	0.20	-	-	9.70	9.70	-	-	9.90	9.90
Northern	2024	*	-	0.50	0.50	-	-	7.60	7.60	-	-	8.00	8.00
Rockfish	2025	*	-	0.20	0.20	-	-	6.90	6.90	-	-	7.10	7.10
	2021	-	-	-	-	-	-	1.20	1.20	-	-	1.20	1.30
	2022	-	-	-	-	*	-	1.20	1.20	-	-	1.30	1.30
	2023	-	-	-	0.10	-	-	1.20	1.20	-	-	1.20	1.20
Other	2024	-	-	0.10	0.10	*	-	1.30	1.30	-	-	1.30	1.30
Rockfish	2025	-	-	0.10	0.10	-	-	1.20	1.20	-	-	1.30	1.30
	2021	-	-	0.40	0.40	6.20	-	2.20	8.50	6.20	-	2.60	8.90
	2022	-	-	0.30	0.40	10.90	-	1.30	12.20	10.90	-	1.70	12.60
	2023	-	-	0.30	0.40	11.20	-	1.10	12.20	11.20	-	1.40	12.60
Other	2024	-	-	0.20	0.30	11.80	-	1.60	13.40	11.80	-	1.80	13.70
Groundfish	2025	*	-	0.20	0.30	9.10	-	0.60	9.70	9.10	-	0.80	10.00

	2021	0.30	-	757.70	789.90	68.30	-	909.30	979.90	68.70	-	1,667.00	1,769.90
	2022	0.40	-	612.60	655.50	85.40	-	837.00	926.20	85.80	-	1,449.60	1,581.70
	2023	0.10	-	720.80	760.20	81.80	-	910.30	996.00	81.90	-	1,631.10	1,756.20
All	2024	0.10	-	713.70	745.40	85.60	-	906.10	991.70	85.60	-	1,619.80	1,737.10
Groundfish	2025	-	-	716.10	750.30	76.90	-	931.80	1,008.70	76.90	-	1,647.90	1,759.00

Note: The estimates are of retained catch (i.e., excludes discarded catch). All groundfish include additional species categories. These estimates include only catch counted against federal TACs. Includes FMP groundfish catch on halibut targets. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Office of Science and Technology, Fisheries Statistics Division, Fisheries of the United States. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.11: Bering Sea & Aleutian Islands groundfish retained catch by target, vessel type, gear and species, Catcher Vessels, 2024-2025 (1,000 metric tons, round weight).

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Kamchatka Flounder	Flathead Sole	Rock Sole	Turbot	Yellowfin	Flat Other	Rockfish	Atka Mackerel	Other	All Species
Hook and Line	2024	Sablefish	-	*	*	-	-	-	-	-	-	-	*	-	*	*
		Pacific Cod	-	-	*	-	-	-	-	-	-	-	-	-	-	*
		All Targets	-	-	-	*	*	-	-	*	-	-	-	*	-	0.10
	2025	Sablefish	*	*	*	-	-	-	-	-	-	-	*	-	-	*
		All Targets	*	-	-	*	-	-	-	*	-	-	-	-	*	-
Pot	2024	Sablefish	-	1.70	*	*	-	-	-	-	-	-	-	-	-	1.70
		Pacific Cod	-	*	29.80	*	-	-	-	-	*	-	-	-	0.10	30.00
		All Targets	-	1.70	29.80	*	-	-	-	-	*	-	-	-	0.10	31.60
	2025	Sablefish	-	1.40	-	-	-	-	-	-	-	-	-	-	-	1.40
		Pacific Cod	-	-	32.70	*	-	-	*	-	-	*	*	-	0.10	32.90
		All Targets	-	1.40	32.70	*	-	-	*	-	-	*	-	-	0.10	34.20
	2024	Pollock, Bottom	4.30	-	0.10	-	*	-	-	*	*	-	0.40	-	-	4.80
		Pollock, Pelagic	672.90	0.10	1.50	0.10	*	0.30	0.20	-	-	0.20	0.70	-	0.10	676.10
		Pacific Cod	0.60	-	22.00	-	*	-	-	-	-	-	-	-	-	22.70
		Flathead Sole	*	-	*	*	-	*	*	-	*	*	-	-	-	*
		Rock Sole	0.20	-	0.10	*	*	-	0.40	-	0.50	0.20	-	-	*	1.50
		Yellowfin	0.10	-	0.10	*	*	-	0.10	-	1.00	-	-	-	-	1.50
		Rockfish	0.20	0.10	0.10	*	0.20	*	-	*	-	*	1.30	0.20	*	2.00
		Atka Mackerel	0.10	-	0.50	-	*	*	-	*	-	*	0.70	3.80	-	5.00
		All Targets	678.40	0.20	24.50	0.10	0.20	0.40	0.80	-	1.50	0.50	3.00	4.00	0.20	713.70

Table 4.11: Bering Sea & Aleutian Islands groundfish retained catch by target, vessel type, gear and species, Catcher Vessels, 2024-2025 (1,000 metric tons, round weight). *(continued)*

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Kamchatka Flounder	Flathead Sole	Rock Sole	Turbot	Yellowfin	Flat Other	Rockfish	Atka Mackerel	Other	All Species
		Pollock, Bottom	6.70	-	-	-	*	-	-	-	*	-	0.70	-	-	7.50
		Pollock, Pelagic	670.90	-	2.00	0.20	-	0.70	0.20	-	-	0.40	1.20	-	0.20	675.80
		Pacific Cod	0.40	*	21.80	-	-	-	0.10	-	-	-	-	*	-	22.30
		Flathead Sole	*	-	*	*	-	*	*	-	*	*	-	-	*	*
		Rock Sole	0.20	-	0.20	-	*	-	0.50	-	0.90	0.10	-	-	*	2.00
		Yellowfin	0.10	-	0.10	-	*	-	0.10	-	1.00	0.10	-	-	*	1.40
		Rockfish	-	-	-	-	-	*	*	*	-	*	0.80	-	*	0.90
		Atka Mackerel	0.10	-	0.30	-	*	*	*	*	-	-	0.70	5.00	*	6.10
Trawl	2025	All Targets	678.50	-	24.30	0.20	-	0.80	0.90	-	1.90	0.60	3.40	5.10	0.20	716.10
All Gear	2024	All Targets	678.40	1.90	54.30	0.10	0.20	0.40	0.80	-	1.50	0.50	3.00	4.00	0.30	745.40
	2025	All Targets	678.50	1.40	57.10	0.20	-	0.80	0.90	-	1.90	0.60	3.40	5.10	0.30	750.30

Note: Estimates are of retained catch (i.e., excluding discarded catch) by species/species category, gear, and fishery target, where fishery target is as assigned by the Groundfish Catch Accounting System according to the predominant species within a trip or haul. For details on target assignment in retained catch estimation procedures, see Cahalan, J., J. Gasper, and J. Mondragon. 2014. Catch sampling and estimation in the federal groundfish fisheries off Alaska, 2015 edition. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-286,46 p.' Values may not sum to the totals shown in the "All Species" column due to suppression of values for selected species-gear combinations. These estimates include only catch counted against federal TACs. Estimates also include retained catch of FMP groundfish in the halibut fishery. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.12: Bering Sea & Aleutian Islands groundfish retained catch by target, vessel type, gear and species, Catcher Processors, 2024-2025 (1,000 metric tons, round weight).

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Kamchatka Flounder	Flathead Sole	Rock Sole	Turbot	Yellowfin	Flat Other	Rockfish	Atka Mackerel	Other	All Species
Hook and Line	2024	Pacific Cod	4.80	-	68.60	0.10	-	*	-	*	*	-	-	*	11.70	85.20
		Halibut	-	-	*	-	-	-	-	-	-	-	-	-	-	*
		All Targets	4.80	-	68.90	0.10	-	*	-	*	*	-	-	*	11.80	85.60
	2025	Pollock, Bottom	*	-	*	-	-	-	-	-	-	-	-	-	*	*
		Pacific Cod	4.40	-	62.90	0.30	-	-	*	-	-	*	-	*	9.00	76.70
		Halibut	-	-	*	-	-	-	-	-	-	-	-	-	-	*
		All Targets	4.40	-	63.00	0.30	-	-	*	-	-	*	-	*	9.10	76.90
Pot	2024	Sablefish	-	*	-	-	-	-	-	-	-	-	-	-	-	*
		Pacific Cod	*	-	*	-	-	-	-	-	-	-	-	-	-	*
		All Targets	*	*	*	-	-	-	-	-	-	-	-	-	-	*
	2025	Sablefish	-	*	*	*	*	-	-	*	-	-	-	-	-	*
		Pacific Cod	*	-	*	*	-	-	-	-	-	-	-	-	*	*
		All Targets	*	*	*	*	*	-	-	*	-	-	-	-	*	*

Table 4.12: Bering Sea & Aleutian Islands groundfish retained catch by target, vessel type, gear and species, Catcher Processors, 2024-2025 (1,000 metric tons, round weight). *(continued)*

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Kamchatka Flounder	Flathead Sole	Rock Sole	Turbot	Yellowfin	Flat Other	Rockfish	Atka Mackerel	Other	All Species
		Pollock, Bottom	5.10	-	0.50	0.20	-	0.20	0.40	-	0.40	0.20	0.30	-	-	7.30
		Pollock, Pelagic	580.40	-	0.80	-	-	0.40	0.20	-	-	-	0.40	-	0.10	582.50
		Sablefish	0.30	1.80	0.10	0.40	0.50	0.30	*	0.20	-	0.40	0.50	-	-	4.70
		Pacific Cod	0.50	*	4.40	0.10	-	0.10	1.30	-	-	-	0.10	0.10	-	6.70
		Arrowtooth	0.90	0.40	0.10	3.00	1.00	0.20	-	0.10	-	0.20	0.50	0.70	-	7.10
		Kamchatka Flounder	0.50	0.40	-	0.80	2.00	0.10	*	0.10	-	-	0.40	0.20	-	4.60
		Rock Sole	8.50	-	5.70	0.20	-	2.10	16.90	-	11.60	3.20	-	*	0.30	48.40
		Turbot	*	*	-	-	*	*	-	*	-	*	*	-	*	*
		Yellowfin	12.40	-	6.00	1.60	0.10	2.90	7.10	-	73.50	5.70	*	*	0.70	110.00
		Other Flatfish	-	0.10	-	0.20	-	-	-	-	*	0.30	*	*	*	0.60
		Rockfish	2.50	0.70	0.70	1.00	0.60	0.30	0.10	0.20	*	0.30	27.60	8.10	0.10	42.10
		Atka Mackerel	1.90	0.40	2.20	0.90	0.60	-	-	0.10	-	-	12.80	58.40	-	77.30
	2024	All Targets	615.40	3.90	21.50	8.90	4.80	11.90	28.20	0.70	88.00	11.10	42.80	67.50	1.60	906.20
		Pollock, Bottom	6.70	-	0.20	-	-	0.10	0.10	-	0.20	0.10	0.70	-	-	8.30
		Pollock, Pelagic	611.70	-	1.10	0.10	-	0.90	0.20	-	-	-	1.30	-	0.10	615.40
		Sablefish	0.20	1.00	-	0.10	0.30	0.10	-	0.10	-	0.20	0.30	*	*	2.30
		Pacific Cod	0.80	*	5.50	-	-	0.20	2.40	-	-	0.20	-	-	-	9.20
		Arrowtooth	0.70	0.40	0.20	2.90	0.50	0.20	-	0.10	*	0.90	0.60	0.20	0.10	6.70
		Kamchatka Flounder	0.70	0.40	-	1.20	2.30	-	-	0.10	-	-	0.30	0.50	-	5.60
		Rock Sole	7.00	-	6.60	0.30	-	1.00	30.10	-	29.70	2.80	*	-	0.10	77.70
		Yellowfin	6.90	*	2.50	0.90	-	1.80	5.80	-	57.60	4.00	-	-	0.10	79.70
		Other Flatfish	0.20	0.20	0.10	0.40	0.10	0.10	-	-	*	0.50	0.30	*	-	1.70
		Rockfish	1.60	0.60	0.50	0.40	0.60	0.30	-	0.20	-	0.40	19.30	6.00	-	29.90
		Atka Mackerel	2.60	0.30	2.50	0.70	1.00	-	0.10	0.10	-	-	13.90	67.70	-	88.90
Trawl	2025	All Targets	640.40	2.80	19.50	7.60	4.80	7.00	39.70	0.60	88.40	9.40	36.50	74.40	0.60	931.80

Table 4.12: Bering Sea & Aleutian Islands groundfish retained catch by target, vessel type, gear and species, Catcher Processors, 2024-2025 (1,000 metric tons, round weight). *(continued)*

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Kamchatka Flounder	Flathead Sole	Rock Sole	Turbot	Yellowfin	Flat Other	Rockfish	Atka Mackerel	Other	All Species
All Gear	2024	All Targets	620.20	3.90	90.30	9.00	4.80	11.90	28.20	0.70	88.00	11.10	42.80	67.50	13.40	991.70
	2025	All Targets	644.80	2.80	82.50	8.00	4.80	7.00	39.70	0.60	88.40	9.40	36.50	74.40	9.70	1,008.70

Note: Estimates are of retained catch (i.e., excluding discarded catch) by species/species category, gear, and fishery target, where fishery target is as assigned by the Groundfish Catch Accounting System according to the predominant species within a trip or haul. For details on target assignment in retained catch estimation procedures, see Cahalan, J., J. Gasper, and J. Mondragon. 2014. Catch sampling and estimation in the federal groundfish fisheries off Alaska, 2015 edition. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-286,46 p.' Values may not sum to the totals shown in the "All Species" column due to suppression of values for selected species-gear combinations. These estimates include only catch counted against federal TACs. Estimates also include retained catch of FMP groundfish in the halibut fishery. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.13: Bering Sea & Aleutian Islands ex-vessel prices in the groundfish fisheries by gear, and species, 2021-2025; calculations based on COAR ($/lb, round weight).

		Shoreside			At Sea			All Sectors		
		Fixed	Trawl	All Gear	Fixed	Trawl	All Gear	Fixed	Trawl	All Gear
	2021	0.06	0.16	0.16	0.06	0.12	0.12	0.06	0.14	0.14
	2022	0.12	0.20	0.20	0.12	0.15	0.15	0.12	0.17	0.17
	2023	0.06	0.17	0.17	0.06	0.13	0.13	0.06	0.15	0.15
	2024	0.01	0.15	0.15	0.01	0.12	0.12	0.01	0.13	0.13
Pollock	2025	0.02	0.14	0.14	0.02	0.11	0.11	0.02	0.12	0.12
	2021	0.39	0.34	0.37	0.34	0.29	0.32	0.35	0.32	0.34
	2022	0.47	0.45	0.46	0.47	0.43	0.46	0.47	0.44	0.46
	2023	0.44	0.46	0.45	0.44	0.45	0.44	0.44	0.46	0.44
Pacific	2024	0.29	0.28	0.28	0.29	0.27	0.28	0.29	0.28	0.28
Cod	2025	0.41	0.36	0.39	0.41	0.35	0.39	0.41	0.36	0.39
	2021	1.96	0.77	1.72	1.96	0.77	1.21	1.96	0.77	1.49
	2022	1.89	0.76	1.83	1.89	0.76	1.15	1.89	0.76	1.49
	2023	1.26	0.58	1.21	1.26	0.58	0.79	1.26	0.58	0.95
	2024	1.23	0.71	1.21	*	0.71	0.71	1.23	0.71	0.87
Sablefish	2025	1.71	0.78	1.70	1.71	0.78	0.91	1.71	0.78	1.15
	2021	0.02	0.22	0.22	*	0.22	0.22	0.02	0.22	0.22
	2022	0.01	0.24	0.24	-	0.24	0.24	0.01	0.24	0.24
	2023	0.02	0.26	0.26	-	0.26	0.26	0.02	0.26	0.26
Atka	2024	0.01	0.25	0.25	*	0.25	0.25	0.01	0.25	0.25
Mackerel	2025	0.01	0.25	0.25	*	0.25	0.25	0.01	0.25	0.25
	2021	0.01	0.14	0.13	*	0.14	0.14	0.01	0.14	0.14
	2022	*	0.19	0.19	*	0.19	0.19	*	0.19	0.19
	2023	*	0.18	0.18	-	0.18	0.18	*	0.18	0.18
	2024	*	0.17	0.17	*	0.17	0.17	*	0.17	0.17
Yellowfin	2025	0.02	0.19	0.11	-	0.19	0.19	0.02	0.19	0.19
	2021	*	0.14	0.14	*	0.14	0.14	*	0.14	0.14
	2022	0.01	0.20	0.20	*	0.20	0.20	0.01	0.20	0.20
	2023	*	0.20	0.20	*	0.20	0.20	*	0.20	0.20
	2024	0.01	0.17	0.17	-	0.17	0.17	0.01	0.17	0.17
Rock Sole	2025	*	0.20	0.20	*	0.20	0.20	*	0.20	0.20

Table 4.13: Bering Sea & Aleutian Islands ex-vessel prices in the groundfish fisheries by gear, and species, 2021-2025; calculations based on COAR ($/lb, round weight). *(continued)*

		Shoreside			At Sea			All Sectors		
		Fixed	Trawl	All Gear	Fixed	Trawl	All Gear	Fixed	Trawl	All Gear
	2021	0.01	0.15	0.14	0.01	0.15	0.15	0.01	0.15	0.15
	2022	0.02	0.19	0.17	0.01	0.19	0.19	0.02	0.19	0.19
	2023	0.02	0.19	0.18	*	0.19	0.19	0.02	0.19	0.19
Flathead	2024	0.01	0.18	0.18	*	0.18	0.18	0.01	0.18	0.18
Sole	2025	0.01	0.16	0.15	0.03	0.16	0.16	0.02	0.16	0.16
	2021	*	0.64	0.64	0.01	0.64	0.63	0.01	0.64	0.63
	2022	*	0.76	0.76	0.01	0.76	0.76	0.01	0.76	0.76
	2023	*	0.77	0.77	0.02	0.77	0.77	0.02	0.77	0.77
	2024	*	0.76	0.76	*	0.76	0.76	*	0.76	0.76
Turbot	2025	*	0.81	0.81	0.03	0.81	0.80	0.03	0.81	0.80
	2021	0.01	0.18	0.18	0.01	0.18	0.18	0.01	0.18	0.18
	2022	0.01	0.22	0.22	*	0.22	0.22	0.01	0.22	0.22
	2023	*	0.24	0.24	0.02	0.24	0.24	0.02	0.24	0.24
	2024	0.01	0.26	0.26	0.04	0.26	0.26	0.04	0.26	0.26
Arrowtooth	2025	0.01	0.26	0.26	0.03	0.26	0.26	0.03	0.26	0.26
	2022	-	*	*	*	0.26	0.26	*	0.26	0.26
	2023	*	-	*	0.02	0.27	0.27	0.02	0.27	0.27
	2024	*	-	*	0.04	0.29	0.29	0.04	0.29	0.29
Kamchatka	2025	-	*	*	0.03	0.33	0.33	0.03	0.33	0.33
Flounder		-	-	-	0.01	0.23	0.23	0.01	0.23	0.23
	2021	*	0.26	0.26	*	0.12	0.12	*	0.12	0.12
	2022	-	0.28	0.28	0.01	0.18	0.18	0.01	0.18	0.18
	2023	*	0.32	0.32	0.02	0.21	0.21	0.02	0.21	0.21
Other	2024	0.04	0.35	0.35	-	0.20	0.20	0.04	0.20	0.20
Flatfish	2025	*	0.32	0.32	*	0.22	0.22	*	0.22	0.22
	2021	*	0.15	0.15	*	0.15	0.15	*	0.15	0.15
	2022	0.44	0.20	0.20	-	0.20	0.20	0.44	0.20	0.20
Pacific	2023	*	0.18	0.18	*	0.18	0.18	*	0.18	0.18
Ocean	2024	0.01	0.19	0.19	-	0.19	0.19	0.01	0.19	0.19
Perch	2025	*	0.21	0.21	0.30	0.21	0.21	0.30	0.21	0.21

Table 4.13: Bering Sea & Aleutian Islands ex-vessel prices in the groundfish fisheries by gear, and species, 2021-2025; calculations based on COAR ($/lb, round weight). *(continued)*

		Shoreside			At Sea			All Sectors		
		Fixed	Trawl	All Gear	Fixed	Trawl	All Gear	Fixed	Trawl	All Gear
	2021	*	0.08	0.08	*	0.08	0.08	*	0.08	0.08
	2022	-	0.14	0.14	-	0.14	0.14	-	0.14	0.14
	2023	*	0.13	0.13	0.42	0.13	0.13	0.42	0.13	0.13
Northern	2024	*	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Rockfish	2025	*	0.16	0.16	0.30	0.16	0.16	0.30	0.16	0.16
	2021	0.45	0.14	0.36	0.38	0.32	0.32	0.40	0.32	0.32
	2022	0.42	0.17	0.36	0.44	0.41	0.41	0.42	0.41	0.41
	2023	0.39	0.19	0.33	0.42	0.33	0.33	0.39	0.33	0.33
Other	2024	0.16	0.16	0.16	*	0.43	0.43	0.16	0.43	0.43
Rockfish	2025	0.31	0.40	0.40	0.30	0.37	0.37	0.31	0.37	0.37
	2021	0.19	0.12	0.12	0.19	0.02	0.14	0.19	0.02	0.14
	2022	0.97	0.11	0.45	0.97	0.01	0.85	0.97	0.02	0.84
	2023	0.55	0.10	0.24	0.55	0.01	0.50	0.55	0.02	0.49
Other	2024	0.41	0.09	0.24	0.41	0.02	0.36	0.41	0.02	0.36
Groundfish	2025	0.42	0.06	0.21	0.42	0.01	0.39	0.42	0.02	0.38

Note: Prices are for catch from both federal and state of Alaska fisheries. The ex-vessel price is calculated as value of landings divided by estimated or actual round weight. Prices for catch processed by an at-sea processor without a COAR buying record (e.g., from catcher processors) are set using the prices for the matching species (group), region and gear-types for which buying records exist shoreside. Trawl-caught sablefish, rockfish and flatfish in the BSAI and trawl-caught Atka mackerel in both the BSAI and the GOA are not well represented in the COAR buying records. A price was calculated for these categories from product-report prices; the price in this case is the value of the first wholesale products divided by the calculated round weight and multiplied by a constant 0.4, a coarse estimate of the value added by processing based. The "All Alaska/All gear" column is the average weighted by retained catch. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.14: Bering Sea & Aleutian Islands ex-vessel value of the groundfish catch by vessel category, gear, and species, 2021-2025; calculations based on COAR ($ millions).

		Catcher Vessels				Catcher Processor				All Sectors			
		Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	242.79	242.79	-	-	175.11	175.53	-	-	417.90	418.32
	2022	-	-	241.98	241.98	-	-	175.80	176.91	-	-	417.78	418.89
	2023	-	-	244.03	244.03	-	-	173.13	173.85	-	-	417.16	417.88
	2024	-	-	213.43	213.43	-	-	160.43	160.55	-	-	373.86	373.98
Pollock	2025	-	-	196.78	196.78	-	-	160.91	161.06	-	-	357.68	357.83
	2021	0.17	26.17	13.02	39.35	43.68	1.71	14.92	60.31	43.85	27.88	27.94	99.66
	2022	0.16	41.48	19.24	60.88	73.57	2.86	24.86	101.28	73.73	44.34	44.10	162.17
	2023	0.06	35.39	18.84	54.29	63.38	2.30	26.46	92.14	63.44	37.69	45.30	146.43
Pacific	2024	0.03	18.85	12.00	30.88	43.49	*	15.96	59.46	43.52	18.85	27.96	90.34
Cod	2025	0.01	29.36	16.32	45.69	56.50	2.15	18.22	76.87	56.51	31.51	34.54	122.56
	2021	0.80	5.95	0.71	7.47	0.28	*	1.63	1.91	1.09	5.95	2.34	9.38
	2022	0.82	11.38	0.38	12.58	*	4.39	3.34	7.73	0.82	15.77	3.72	20.31
	2023	0.52	7.32	0.44	8.28	-	4.24	4.23	8.47	0.52	11.56	4.68	16.76
	2024	0.31	4.54	0.13	4.98	-	*	6.30	6.30	0.31	4.54	6.43	11.27
Sablefish	2025	0.13	5.16	0.05	5.34	-	*	4.96	4.96	0.13	5.16	5.00	10.29
	2021	-	-	0.23	0.23	-	-	29.29	29.29	-	-	29.52	29.52
	2022	-	-	0.05	0.05	-	-	30.99	30.99	-	-	31.04	31.04
	2023	-	-	0.02	0.02	-	-	37.64	37.64	-	-	37.65	37.65
Atka	2024	-	-	0.01	0.01	-	-	39.46	39.46	-	-	39.47	39.47
Mackerel	2025	-	-	0.01	0.01	-	-	43.93	43.93	-	-	43.94	43.94
	2021	-	-	-	-	*	-	33.87	33.87	*	-	33.87	33.87
	2022	-	-	0.03	0.03	*	-	62.91	62.91	*	-	62.94	62.94
	2023	-	-	-	-	-	-	43.07	43.07	-	-	43.07	43.07
	2024	-	-	-	-	*	-	32.74	32.74	*	-	32.74	32.74
Yellowfin	2025	-	-	-	-	-	-	37.90	37.90	-	-	37.90	37.90

Table 4.14: Bering Sea & Aleutian Islands ex-vessel value of the groundfish catch by vessel category, gear, and species, 2021-2025; calculations based on COAR ($ millions). *(continued)*

		Catcher Vessels				Catcher Processor				All Sectors			
		Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	0.02	0.02	*	-	4.02	4.02	*	-	4.03	4.03
	2022	-	-	0.02	0.02	*	-	7.76	7.76	*	-	7.78	7.78
	2023	-	-	0.04	0.04	*	-	11.55	11.55	*	-	11.59	11.59
Rock	2024	-	-	0.07	0.07	-	-	10.95	10.95	-	-	11.01	11.01
Sole	2025	-	-	0.08	0.08	*	-	17.51	17.51	*	-	17.58	17.58
	2021	-	-	0.13	0.13	-	-	2.94	2.94	-	-	3.07	3.07
	2022	-	-	0.08	0.08	*	-	5.77	5.77	*	-	5.84	5.84
	2023	-	-	0.13	0.13	*	-	3.29	3.29	*	-	3.42	3.42
Flathead	2024	-	-	0.13	0.13	*	-	4.83	4.83	*	-	4.97	4.97
Sole	2025	-	-	0.26	0.26	-	-	2.44	2.44	-	-	2.71	2.71
	2021	*	-	0.03	0.03	-	-	3.18	3.18	-	-	3.21	3.21
	2022	-	-	0.03	0.03	*	-	3.26	3.26	-	-	3.29	3.29
	2023	*	-	0.04	0.04	-	-	3.24	3.24	-	-	3.28	3.28
	2024	*	-	0.05	0.05	0.01	-	5.14	5.15	0.01	-	5.19	5.20
Arrowtooth	2025	*	-	0.09	0.09	0.03	-	4.50	4.53	0.03	-	4.60	4.62
	2021	-	-	*	*	-	-	3.26	3.26	-	-	3.26	3.26
	2022	-	-	*	*	*	-	4.57	4.57	*	-	4.57	4.57
	2023	*	-	*	*	-	-	4.07	4.07	-	-	4.07	4.07
Kamchatka	2024	*	-	*	*	-	-	3.22	3.22	-	-	3.22	3.22
Flounder	2025	-	-	-	-	-	-	3.49	3.49	-	-	3.49	3.49
	2021	*	-	-	-	-	-	2.16	2.16	-	-	2.17	2.17
	2022	*	-	-	-	-	-	2.34	2.34	-	-	2.34	2.34
	2023	*	-	0.01	0.01	-	-	2.05	2.05	-	-	2.06	2.06
	2024	*	-	0.01	0.01	*	-	1.23	1.23	*	-	1.24	1.24
Turbot	2025	*	-	0.02	0.02	-	-	1.04	1.04	-	-	1.06	1.06

Table 4.14: Bering Sea & Aleutian Islands ex-vessel value of the groundfish catch by vessel category, gear, and species, 2021-2025; calculations based on COAR ($ millions). *(continued)*

		Catcher Vessels				Catcher Processor				All Sectors			
		Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	0.06	0.06	*	-	4.16	4.16	*	-	4.22	4.22
	2022	-	-	0.04	0.04	-	-	4.51	4.51	-	-	4.56	4.56
	2023	-	-	0.12	0.12	-	-	7.31	7.31	-	-	7.43	7.43
Other	2024	-	-	0.15	0.15	-	-	4.87	4.87	-	-	5.02	5.02
Flatfish	2025	-	-	0.27	0.27	*	-	4.58	4.58	*	-	4.85	4.85
	2021	-	-	0.20	0.20	*	-	11.18	11.18	*	-	11.38	11.38
	2022	*	-	0.11	0.11	-	-	14.48	14.48	*	-	14.59	14.59
Pacific	2023	*	-	0.30	0.30	*	-	13.80	13.80	*	-	14.09	14.09
Ocean	2024	*	-	0.43	0.43	-	-	14.61	14.61	*	-	15.04	15.04
Perch	2025	*	-	0.81	0.81	-	-	13.50	13.50	-	-	14.31	14.31
	2021	*	-	-	-	*	-	1.06	1.06	*	-	1.06	1.06
	2022	-	-	-	-	-	-	2.20	2.20	-	-	2.20	2.20
	2023	*	-	-	-	-	-	2.83	2.84	-	-	2.84	2.84
Northern	2024	*	-	0.01	0.01	-	-	2.32	2.32	-	-	2.33	2.33
Rockfish	2025	*	-	0.01	0.01	-	-	2.54	2.55	-	-	2.55	2.55
	2021	0.01	-	-	0.01	0.02	-	0.89	0.91	0.03	-	0.89	0.92
	2022	0.01	-	-	0.01	*	-	1.14	1.14	0.01	-	1.14	1.15
	2023	0.01	-	-	0.01	-	-	0.88	0.88	0.01	-	0.89	0.90
Other	2024	-	-	-	0.01	*	-	1.25	1.25	-	-	1.26	1.26
Rockfish	2025	-	-	0.05	0.05	-	-	1.01	1.01	-	-	1.06	1.07
	2021	-	-	0.05	0.06	2.64	-	0.09	2.73	2.64	-	0.14	2.78
	2022	-	-	0.03	0.18	23.28	-	0.05	23.34	23.29	-	0.08	23.52
	2023	-	-	0.03	0.11	13.71	-	0.03	13.74	13.71	-	0.06	13.84
Other	2024	-	-	0.03	0.15	10.60	-	0.07	10.68	10.60	-	0.10	10.82
Groundfish	2025	*	-	0.03	0.15	8.39	-	0.02	8.41	8.39	-	0.04	8.55

	2021	0.98	-	257.25	290.35	47.04	-	287.75	336.50	48.02	-	544.99	626.86
	2022	0.99	-	261.99	315.99	97.96	-	343.97	449.18	98.94	-	605.96	765.17
	2023	0.59	-	264.01	307.39	77.81	-	333.58	417.92	78.40	-	597.58	725.31
All	2024	0.34	-	226.44	250.29	54.23	-	303.39	357.62	54.57	-	529.84	607.91
Species	2025	0.14	-	214.77	249.55	65.07	-	316.54	383.76	65.21	-	531.31	633.31

Note: Ex-vessel value is calculated by multiplying ex-vessel prices by the retained round weight catch. Refer to Table 4.13 for a description of the price derivation. The value added by at-sea processing is not included in these estimates of ex-vessel value. All groundfish includes additional species categories. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.15: Bering Sea & Aleutian Islands vessel and processor permit counts, ex-vessel value, value per vessel, and percent value of BSAI FMP groundfish and all BSAI fisheries by fleet, 2021-2025; calculations based on COAR ($ millions).

	Year	Vessels	Processors	Ex-vessel Value per Vessel $1,000	Ex-vessel Value $million	Percent Value, BSAI FMP Groundfish	Percent Value, All BSAI Fisheries
	2021	82	17	3,133.22	256.92	40.88	19.47
	2022	80	13	3,242.12	259.37	33.91	19.43
	2023	75	11	3,501.81	262.64	36.22	25.69
AFA	2024	74	9	3,043.70	225.23	37.01	24.56
CV	2025	68	9	3,095.35	210.48	33.15	17.56
	2021	15	15	11,824.78	177.37	28.22	13.44
	2022	14	14	11,989.39	167.85	21.95	12.58
	2023	13	13	12,724.10	165.41	22.81	16.18
	2024	15	15	10,771.53	161.57	26.55	17.62
AFA CP	2025	13	13	12,883.74	167.49	26.38	13.97
	2021	19	19	5,333.04	101.33	16.12	7.68
	2022	18	18	8,405.58	151.30	19.78	11.34
	2023	17	17	8,254.19	140.32	19.35	13.73
	2024	16	16	8,401.50	134.42	22.09	14.66
A80	2025	14	14	10,078.67	141.10	22.22	11.77
	2021	14	13	669.39	9.37	1.49	0.71
	2022	21	13	1,306.58	27.44	3.59	2.06
	2023	18	13	1,622.98	29.21	4.03	2.86
BSAI	2024	10	10	860.52	8.61	1.41	0.94
Trawl	2025	12	9	1,019.74	12.24	1.93	1.02
	2021	2	4	*	*	*	*
CV	2022	5	3	*	*	*	*
Hook	2023	2	2	*	*	*	*
and	2024	1	1	*	*	*	*
Line	2025	1	1	*	*	*	*
	2021	17	17	2,761.82	46.95	7.47	3.56
CP	2022	19	19	5,156.34	97.97	12.81	7.34
Hook	2023	18	18	4,322.74	77.81	10.73	7.61
and	2024	18	18	3,012.65	54.23	8.91	5.91
Line	2025	17	17	3,827.46	65.07	10.25	5.43
	2021	22	7	383.51	8.44	1.34	0.64
	2022	28	11	578.88	16.21	2.12	1.21
	2023	29	10	390.03	11.31	1.56	1.11
Sablefish	2024	17	8	291.18	4.95	0.81	0.54
IFQ	2025	14	5	487.12	6.82	1.07	0.57
	2021	65	17	429.05	27.89	4.44	2.11
	2022	66	11	675.04	44.55	5.83	3.34
	2023	57	9	673.11	38.37	5.29	3.75
	2024	34	13	574.53	19.53	3.21	2.13
Pot	2025	45	10	705.09	31.73	5.00	2.65

Table 4.15: Bering Sea & Aleutian Islands vessel and processor permit counts, ex-vessel value, value per vessel, and percent value of BSAI FMP groundfish and all BSAI fisheries by fleet, 2021-2025; calculations based on COAR ($ millions). *(continued)*

	Year	Vessels	Processors	Ex-vessel Value per Vessel $1,000	Ex-vessel Value $million	Percent Value, BSAI FMP Groundfish	Percent Value, All BSAI Fisheries
	2021	1	1	*	*	*	*
	2022	1	1	*	*	*	*
	2023	1	1	*	*	*	*
Jig	2024	1	1	*	*	*	*

Note: These tables include the value of groundfish purchases reported by processing plants, as well as by other entities, such as markets and restaurants, that normally would not report sales of groundfish products.Keep this in mind when comparing ex-vessel values in this table to gross processed-product values. The data are for catch from both federal and state of Alaska fisheries. The category "BSAI Trawl" does not include trawl vessel in the other categories (e.g. "AFA CV", "AFA CP", "A80"), for example TLAS. The column 'permits' is a count of federal groundfish processor permits. Values are not adjusted for inflation.
Source: ADF&G Commercial Operators Annual Reports (COAR); and ADF&G Intent to Operate (ITO) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.16: Bering Sea & Aleutian Islands production of groundfish products by species, 2021-2025, (1,000 metric tons product weight).

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
	Whole Fish	*	0.17	0.17	0.04	0.24	0.29	0.05	0.38	0.42	*	*	*	0.07	*	0.07
	Head And Gut	11.81	*	11.81	14.71	*	14.71	15.78	*	15.78	16.08	*	16.08	12.33	*	12.33
	Roe	11.51	4.44	15.95	9.28	4.55	13.83	9.10	5.56	14.66	12.19	7.01	19.20	13.42	6.58	20.00
	Deep-Skin Fillets	34.64	*	34.64	32.93	*	32.93	40.62	18.27	58.89	32.28	12.80	45.08	32.46	12.96	45.43
	Other Fillets	40.49	42.99	83.48	35.19	42.88	78.08	43.10	40.93	84.03	56.91	56.58	113.49	68.19	51.39	119.58
	Surimi	98.58	89.17	187.75	78.71	76.13	154.84	94.40	91.12	185.52	86.32	78.73	165.05	93.80	80.46	174.26
	Minced Fish	14.07	13.18	27.25	9.16	6.43	15.58	13.43	7.45	20.88	15.42	7.69	23.11	14.44	6.26	20.70
	Fishmeal	29.49	37.72	67.20	22.26	23.70	45.96	28.07	33.59	61.66	30.76	37.65	68.41	32.49	38.72	71.21
	Other Products	13.06	22.80	35.86	10.91	20.37	31.28	12.22	26.81	39.02	13.42	24.03	37.45	11.69	22.22	33.91
Pollock	All Products	253.65	210.47	464.12	213.19	174.30	387.49	256.76	224.10	480.86	263.38	224.50	487.89	278.91	218.59	497.49
	Whole Fish	*	0.06	0.06	0.18	0.05	0.23	0.23	0.13	0.36	0.07	0.10	0.16	0.01	0.06	0.07
	Head And Gut	37.47	8.49	45.96	45.13	2.22	47.35	44.91	2.10	47.01	46.14	6.70	52.84	42.66	5.61	48.27
	Roe	0.88	1.41	2.29	0.88	1.96	2.85	1.02	1.74	2.76	1.01	1.69	2.70	0.86	1.84	2.70
	Fillets	0.25	5.36	5.61	0.13	10.00	10.13	0.13	8.88	9.01	0.10	6.52	6.62	0.06	7.96	8.02
	Other Products	5.21	3.73	8.94	6.07	9.60	15.67	6.35	4.93	11.28	5.76	4.58	10.35	6.12	5.55	11.68
Pacific Cod	All Products	43.81	19.06	62.86	52.38	23.84	76.22	52.65	17.78	70.43	53.08	19.60	72.67	49.71	21.03	70.74
	Head And Gut	0.77	0.92	1.69	1.51	1.64	3.15	2.69	2.01	4.70	2.44	1.25	3.69	1.91	1.20	3.11
	Other Products	0.01	0.06	0.06	0.04	0.43	0.48	0.22	0.02	0.24	0.11	0.10	0.21	0.03	0.14	0.17
Sablefish	All Products	0.78	0.98	1.76	1.56	2.07	3.63	2.92	2.03	4.95	2.55	1.35	3.90	1.94	1.34	3.28

Table 4.16: Bering Sea & Aleutian Islands production of groundfish products by species, 2021-2025, (1,000 metric tons product weight). *(continued)*

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
Atka Mackerel	Whole Fish	*	0.02	0.02	*	-	*	1.00	-	1.00	4.58	-	4.58	0.65	*	0.65
	Head And Gut	34.93	-	34.93	33.43	-	33.43	37.47	-	37.47	38.39	-	38.39	46.30	-	46.30
	Other Products	0.00	0.21	0.21	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	All Products	34.93	0.23	35.16	33.43	0.06	33.48	38.48	0.00	38.48	42.98	0.00	42.98	46.96	0.00	46.96
Yellowfin	Whole Fish	0.69	-	0.69	*	-	*	6.20	-	6.20	0.22	-	0.22	0.47	-	0.47
	Head And Gut	61.68	-	61.68	84.29	-	84.29	60.86	-	60.86	51.88	-	51.88	53.33	-	53.33
	Fillets	-	-	-	-	-	-	-	-	-	-	*	*	-	*	*
	Other Products	0.14	0.00	0.14	1.14	0.05	1.19	1.03	0.03	1.06	0.88	0.00	0.88	1.15	0.04	1.19
	All Products	62.51	0.00	62.51	85.43	0.05	85.49	68.09	0.03	68.12	52.97	0.00	52.97	54.94	0.04	54.98
Rock Sole	Whole Fish	0.30	-	0.30	0.17	-	0.17	0.28	-	0.28	0.57	*	0.57	0.75	-	0.75
	Head And Gut	6.17	-	6.17	8.36	-	8.36	13.61	-	13.61	15.04	-	15.04	21.71	-	21.71
	Fillets	-	-	-	-	-	-	-	-	-	*	-	*	-	*	*
	Other Products	0.20	0.03	0.23	0.22	0.03	0.25	0.21	0.04	0.25	0.30	0.06	0.36	0.46	0.04	0.51
	All Products	6.67	0.03	6.70	8.76	0.03	8.79	14.10	0.04	14.14	15.91	0.06	15.97	22.92	0.04	22.97
Flathead Sole	Whole Fish	0.24	-	0.24	*	-	*	0.16	-	0.16	0.26	-	0.26	*	-	*
	Head And Gut	4.22	*	4.22	7.05	-	7.05	3.95	-	3.95	6.42	-	6.42	3.54	-	3.54
	Fillets	-	-	-	-	-	-	-	-	-	*	-	*	-	-	-
	Other Products	0.10	0.10	0.20	0.26	0.07	0.32	0.14	0.10	0.24	0.21	0.11	0.32	0.43	0.21	0.64
	All Products	4.56	0.10	4.66	7.30	0.07	7.37	4.25	0.10	4.35	6.89	0.11	6.99	3.98	0.21	4.18

Table 4.16: Bering Sea & Aleutian Islands production of groundfish products by species, 2021-2025, (1,000 metric tons product weight). *(continued)*

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
	Head And Gut	1.05	-	1.05	0.98	-	0.98	0.79	-	0.79	0.49	-	0.49	0.36	-	0.36
	Other Products	0.34	*	0.34	0.37	*	0.37	0.31	*	0.31	0.18	*	0.18	0.14	*	0.14
Turbot	All Products	1.39	*	1.39	1.35	*	1.35	1.10	*	1.10	0.66	*	0.66	0.50	*	0.50
	Head And Gut	3.62	-	3.62	4.69	-	4.69	3.74	-	3.74	2.81	-	2.81	2.73	-	2.73
	Fishmeal	0.00	-	0.00	0.00	-	0.00	0.01	-	0.01	0.00	-	0.00	0.00	-	0.00
	Other Products	-	-	-	-	-	-	*	-	*	*	-	*	0.03	-	0.03
Kamchatka Flounder	All Products	3.62	-	3.62	4.69	-	4.69	3.75	-	3.75	2.81	-	2.81	2.76	-	2.76
	Whole Fish	*	-	*	-	-	-	-	-	-	*	-	*	-	-	-
	Head And Gut	4.26	-	4.26	3.42	-	3.42	3.41	-	3.41	5.33	-	5.33	4.97	-	4.97
	Other Products	0.01	0.03	0.04	0.03	0.02	0.05	0.05	0.03	0.08	0.03	0.03	0.06	0.16	0.05	0.20
Arrowtooth	All Products	4.27	0.03	4.30	3.45	0.02	3.47	3.46	0.03	3.49	5.37	0.03	5.40	5.12	0.05	5.17
	Whole Fish	0.56	*	0.56	0.63	-	0.63	1.24	-	1.24	1.13	-	1.13	2.00	*	2.00
	Head And Gut	7.89	*	7.89	5.52	-	5.52	7.82	-	7.82	5.50	-	5.50	3.84	*	3.84
	Other Products	0.01	0.05	0.06	0.12	0.02	0.14	0.17	0.06	0.23	0.11	0.07	0.19	0.12	0.09	0.22
Other Flatfish	All Products	8.46	0.05	8.51	6.27	0.02	6.29	9.23	0.06	9.29	6.75	0.07	6.82	5.96	0.09	6.05

Table 4.16: Bering Sea & Aleutian Islands production of groundfish products by species, 2021-2025, (1,000 metric tons product weight). *(continued)*

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
Pacific Ocean Perch	Whole Fish	0.03	*	0.03	*	0.02	0.02	1.68	*	1.68	0.08	*	0.08	0.11	*	0.11
	Head And Gut	15.97	-	15.97	16.24	0.02	16.26	15.95	*	15.95	17.33	*	17.33	14.22	*	14.22
	Other Products	0.16	0.21	0.37	0.19	0.13	0.32	0.27	0.27	0.55	0.12	0.19	0.31	0.32	0.24	0.55
	All Products	16.17	0.21	16.37	16.44	0.16	16.60	17.90	0.27	18.18	17.53	0.19	17.72	14.65	0.24	14.88
Northern Rockfish	Whole Fish	-	-	-	-	-	-	*	-	*	*	-	*	-	-	-
	Head And Gut	2.38	-	2.38	3.05	*	3.05	4.31	-	4.31	3.17	-	3.17	3.01	-	3.01
	Other Products	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.01	0.02	0.00	0.01	0.02	0.07	0.01	0.08
	All Products	2.38	0.00	2.39	3.05	0.00	3.05	4.33	0.01	4.34	3.17	0.01	3.18	3.09	0.01	3.10
Other Rockfish	Whole Fish	0.29	*	0.29	0.38	*	0.38	0.32	-	0.32	0.52	*	0.52	0.42	*	0.42
	Head And Gut	0.33	*	0.33	0.29	0.00	0.29	0.30	0.00	0.30	0.26	*	0.26	0.25	*	0.25
	Other Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02
	All Products	0.62	0.00	0.62	0.67	0.00	0.67	0.62	0.00	0.62	0.78	0.00	0.78	0.68	0.01	0.69
Other Groundfish	Whole Fish	0.00	0.50	0.50	0.00	0.50	0.50	-	0.29	0.29	*	0.71	0.71	*	0.79	0.79
	Head And Gut	0.02	*	0.02	0.01	*	0.01	*	*	*	-	*	*	*	*	*
	Fillets	-	-	-	-	-	-	-	-	-	-	*	*	-	-	-
	Fishmeal	0.33	0.48	0.81	0.08	0.98	1.06	0.20	1.07	1.28	0.10	0.70	0.80	0.14	0.59	0.72
	Other Products	2.17	0.00	2.17	2.73	0.02	2.74	3.26	*	3.26	3.49	*	3.49	2.90	*	2.90
	All Products	2.52	0.98	3.50	2.82	1.50	4.32	3.46	1.37	4.83	3.59	1.42	5.01	3.03	1.38	4.41

Table 4.16: Bering Sea & Aleutian Islands production of groundfish products by species, 2021-2025, (1,000 metric tons product weight). *(continued)*

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
	Whole Fish	2.11	0.75	2.86	1.40	0.81	2.22	11.16	0.80	11.96	7.42	0.81	8.24	4.48	0.85	5.33
	Head And Gut	192.56	9.42	201.98	228.67	3.88	232.55	215.58	4.11	219.70	211.28	7.95	219.23	211.15	6.81	217.96
	Roe	12.38	5.86	18.24	10.17	6.51	16.68	10.13	7.30	17.42	13.19	8.71	21.90	14.28	8.42	22.70
	Fillets	0.25	5.36	5.61	0.13	10.00	10.13	0.13	8.88	9.01	0.10	6.52	6.62	0.06	7.96	8.02
	Deep-Skin Fillets	34.64	*	34.64	32.93	*	32.93	40.62	18.27	58.89	32.28	12.80	45.08	32.46	12.96	45.43
	Other Fillets	40.49	42.99	83.48	35.19	42.88	78.08	43.10	40.93	84.03	56.91	56.58	113.49	68.19	51.39	119.58
	Surimi	98.58	89.17	187.75	78.71	76.13	154.84	94.40	91.12	185.52	86.32	78.73	165.05	93.80	80.46	174.26
	Minced Fish	14.07	13.18	27.25	9.16	6.43	15.58	13.43	7.45	20.88	15.42	7.69	23.11	14.44	6.26	20.70
	Fishmeal	29.82	38.20	68.02	22.34	24.69	47.02	28.28	34.66	62.94	30.86	38.36	69.21	32.63	39.31	71.94
	Other Products	21.43	27.21	48.64	22.08	30.80	52.88	24.27	32.29	56.57	24.63	29.19	53.82	23.64	28.60	52.25
All Species	All Products	446.33	232.14	678.47	440.77	202.13	642.90	481.09	245.82	726.91	478.42	247.34	725.76	495.14	243.02	738.16

Note: Total includes additional species not listed in the production details as well as confidential data from Tables 4.31 and 4.32. These estimates are for catch from both federal and state of Alaska fisheries. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.17: Bering Sea & Aleutian Islands gross value of groundfish products by species, 2021-2025, ($ million).

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
	Whole Fish	*	0.2	0.2	0.1	0.3	0.5	0.1	0.9	1.0	*	*	*	0.0	*	0.0
	Head And Gut	13.5	*	13.5	20.3	*	20.3	19.2	*	19.2	21.5	*	21.5	18.4	*	18.4
	Roe	75.5	14.1	89.6	75.6	24.1	99.7	72.4	24.2	96.6	83.6	27.4	111.0	84.0	26.0	110.0
	Deep-Skin Fillets	145.4	*	145.4	201.8	*	201.8	213.2	99.2	312.3	170.2	47.0	217.2	143.7	49.7	193.3
	Other Fillets	141.8	140.3	282.1	151.0	179.7	330.7	162.5	169.7	332.3	185.2	195.9	381.1	260.0	158.6	418.5
	Surimi	321.8	264.6	586.5	290.1	240.1	530.2	294.4	282.0	576.3	251.2	222.8	474.0	330.3	201.5	531.7
	Minced Fish	37.6	24.7	62.3	26.0	25.8	51.8	35.8	23.4	59.2	39.0	25.1	64.0	36.6	16.6	53.1
	Fishmeal	92.5	59.9	152.4	75.2	38.9	114.1	55.8	62.0	117.8	65.4	62.8	128.2	60.5	50.0	110.6
	Other Products	18.1	20.6	38.7	22.7	29.2	51.9	38.2	50.1	88.3	37.3	40.0	77.3	17.1	26.7	43.7
Pollock	All Products	846.1	524.4	1,370.5	862.9	538.0	1,400.9	891.5	711.5	1,603.0	853.5	620.9	1,474.3	950.5	529.0	1,479.5
	Whole Fish	*	0.1	0.1	0.8	0.1	0.8	0.4	0.1	0.6	0.2	0.2	0.3	0.0	0.1	0.1
	Head And Gut	143.5	18.9	162.4	231.4	7.1	238.5	184.1	9.0	193.1	206.6	24.6	231.2	252.5	26.6	279.2
	Roe	1.7	3.7	5.3	2.7	5.8	8.5	2.9	4.7	7.6	2.9	4.0	6.9	2.7	5.3	8.0
	Fillets	2.3	53.1	55.4	1.3	101.1	102.4	1.5	93.9	95.3	1.2	62.3	63.5	0.3	83.6	83.9
	Other Products	7.7	12.4	20.1	10.6	18.2	28.8	11.5	11.3	22.8	12.8	8.6	21.3	14.5	10.6	25.1
Pacific Cod	All Products	155.2	88.2	243.4	246.7	132.3	379.0	200.3	119.1	319.4	223.6	99.6	323.2	270.1	126.2	396.3
	Head And Gut	5.3	8.3	13.6	10.4	15.2	25.6	14.7	16.8	31.5	15.2	10.9	26.1	12.3	11.2	23.5
	Other Products	0.0	0.5	0.5	0.3	5.9	6.2	0.5	0.1	0.6	0.2	0.3	0.5	0.1	1.7	1.8
Sablefish	All Products	5.4	8.8	14.2	10.8	21.1	31.9	15.2	16.9	32.1	15.4	11.2	26.6	12.4	12.9	25.3
	Whole Fish	*	0.0	0.0	*	-	*	1.6	-	1.6	7.0	-	7.0	1.0	*	1.0
	Head And Gut	70.0	-	70.0	74.2	-	74.2	88.1	-	88.1	86.6	-	86.6	105.0	-	105.0
	Other Products	0.0	0.3	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atka Mackerel	All Products	70.0	0.3	70.3	74.2	0.1	74.3	89.7	0.0	89.7	93.7	0.0	93.7	106.0	0.0	106.0

Table 4.17: Bering Sea & Aleutian Islands gross value of groundfish products by species, 2021-2025, ($ million). *(continued)*

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
	Whole Fish	0.7	-	0.7	*	-	*	6.5	-	6.5	0.2	-	0.2	0.6	-	0.6
	Head And Gut	74.8	-	74.8	130.4	-	130.4	88.1	-	88.1	71.4	-	71.4	85.2	-	85.2
	Fillets	-	-	-	-	-	-	-	-	-	-	*	*	-	*	*
	Other Products	0.3	0.0	0.3	1.2	0.1	1.2	2.2	0.1	2.3	1.8	0.0	1.8	1.2	0.1	1.3
Yellowfin	All Products	75.7	0.0	75.7	131.5	0.1	131.6	96.8	0.1	96.8	73.5	0.0	73.5	87.0	0.1	87.0
	Whole Fish	0.4	-	0.4	0.2	-	0.2	0.4	-	0.4	0.8	*	0.8	1.0	-	1.0
	Head And Gut	7.3	-	7.3	14.2	-	14.2	22.7	-	22.7	21.2	-	21.2	35.7	-	35.7
	Fillets	-	-	-	-	-	-	-	-	-	*	-	*	-	*	*
	Other Products	0.4	0.0	0.4	0.3	0.0	0.3	0.4	0.1	0.5	0.6	0.1	0.7	0.6	0.1	0.6
Rock Sole	All Products	8.1	0.0	8.1	14.7	0.0	14.7	23.5	0.1	23.6	22.6	0.1	22.7	37.3	0.1	37.3
	Head And Gut	5.0	-	5.0	5.4	-	5.4	4.3	-	4.3	2.7	-	2.7	2.2	-	2.2
	Other Products	0.9	*	0.9	1.2	*	1.2	1.1	*	1.1	0.6	*	0.6	0.5	*	0.5
Turbot	All Products	5.9	*	5.9	6.6	*	6.6	5.4	*	5.4	3.3	*	3.3	2.7	*	2.7
	Whole Fish	0.2	-	0.2	*	-	*	0.2	-	0.2	0.3	-	0.3	*	-	*
	Head And Gut	5.4	*	5.4	12.2	-	12.2	6.4	-	6.4	9.8	-	9.8	6.0	-	6.0
	Fillets	-	-	-	-	-	-	-	-	-	*	-	*	-	-	-
	Other Products	0.2	0.1	0.3	0.4	0.1	0.5	0.3	0.2	0.5	0.5	0.2	0.6	0.5	0.2	0.7
Flathead Sole	All Products	5.8	0.1	6.0	12.6	0.1	12.7	6.8	0.2	7.1	10.6	0.2	10.7	6.5	0.2	6.8
	Head And Gut	7.4	-	7.4	10.7	-	10.7	9.1	-	9.1	7.3	-	7.3	7.9	-	7.9
	Fishmeal	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
	Other Products	-	-	-	-	-	-	*	-	*	*	-	*	0.0	-	0.0
Kamchatka Flounder	All Products	7.4	-	7.4	10.7	-	10.7	9.1	-	9.1	7.3	-	7.3	8.0	-	8.0

Table 4.17: Bering Sea & Aleutian Islands gross value of groundfish products by species, 2021-2025, ($ million). *(continued)*

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
	Whole Fish	*	-	*	-	-	-	-	-	-	*	-	*	-	-	-
	Head And Gut	6.8	-	6.8	6.8	-	6.8	7.3	-	7.3	12.3	-	12.3	11.8	-	11.8
	Other Products	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.2	0.1	0.2
Arrowtooth	All Products	6.8	0.0	6.9	6.8	0.0	6.8	7.4	0.1	7.5	12.4	0.0	12.4	11.9	0.1	12.0
	Whole Fish	0.9	*	0.9	1.3	-	1.3	2.4	-	2.4	2.4	-	2.4	3.8	*	3.8
	Head And Gut	7.7	*	7.7	7.8	-	7.8	12.8	-	12.8	8.1	-	8.1	6.1	*	6.1
	Other Products	0.0	0.1	0.1	0.1	0.0	0.2	0.4	0.1	0.5	0.2	0.1	0.4	0.2	0.1	0.3
Other Flatfish	All Products	8.6	0.1	8.6	9.2	0.0	9.3	15.6	0.1	15.7	10.7	0.1	10.8	10.1	0.1	10.2
	Whole Fish	0.0	*	0.0	*	0.0	0.0	2.0	*	2.0	0.1	*	0.1	0.1	*	0.1
	Head And Gut	27.3	-	27.3	35.6	0.0	35.7	32.2	*	32.2	35.7	*	35.7	33.9	*	33.9
	Other Products	0.3	0.3	0.6	0.3	0.2	0.5	0.6	0.6	1.2	0.3	0.3	0.6	0.4	0.3	0.7
Pacific Ocean Perch	All Products	27.6	0.3	27.9	35.9	0.3	36.2	34.8	0.6	35.4	36.1	0.3	36.4	34.4	0.3	34.6
	Whole Fish	-	-	-	-	-	-	*	-	*	*	-	*	-	-	-
	Head And Gut	2.2	-	2.2	4.6	*	4.6	6.2	-	6.2	4.6	-	4.6	5.7	-	5.7
	Other Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Northern Rockfish	All Products	2.2	0.0	2.2	4.6	0.0	4.6	6.2	0.0	6.2	4.6	0.0	4.6	5.8	0.0	5.8
	Whole Fish	1.1	*	1.1	1.7	*	1.7	1.2	-	1.2	2.1	*	2.1	1.7	*	1.7
	Head And Gut	0.7	*	0.7	0.6	0.0	0.6	0.6	0.0	0.6	0.5	*	0.5	0.5	*	0.5
	Other Products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Rockfish	All Products	1.8	0.0	1.8	2.3	0.0	2.3	1.8	0.0	1.8	2.6	0.0	2.6	2.2	0.0	2.2

Table 4.17: Bering Sea & Aleutian Islands gross value of groundfish products by species, 2021-2025, ($ million). *(continued)*

		2021			2022			2023			2024			2025		
	Product	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All	At Sea	Shoreside	All
	Whole Fish	0.0	0.5	0.5	0.0	1.2	1.2	-	0.6	0.6	*	1.5	1.5	*	2.2	2.2
	Head And Gut	0.1	*	0.1	0.0	*	0.0	*	*	*	-	*	*	*	*	*
	Fillets	-	-	-	-	-	-	-	-	-	-	*	*	-	-	-
	Fishmeal	0.6	0.6	1.2	0.1	1.3	1.4	0.4	2.2	2.7	0.2	1.0	1.2	0.2	1.1	1.3
	Other Products	3.6	0.0	3.6	5.8	0.0	5.8	8.8	*	8.8	10.9	*	10.9	9.2	*	9.2
Other Groundfish	All Products	4.3	1.1	5.4	5.9	2.6	8.5	9.2	2.9	12.1	11.1	2.6	13.6	9.4	3.3	12.6
	Whole Fish	3.4	0.8	4.2	4.1	1.7	5.7	14.8	1.7	16.4	13.1	1.7	14.7	8.2	2.3	10.5
	Head And Gut	376.9	27.2	404.1	564.6	22.4	587.0	495.8	25.8	521.6	503.5	35.5	539.0	583.3	37.8	621.1
	Roe	77.1	17.8	94.9	78.3	29.9	108.2	75.3	28.9	104.2	86.5	31.4	117.9	86.7	31.3	118.0
	Fillets	2.3	53.1	55.4	1.3	101.1	102.4	1.5	93.9	95.3	1.2	62.3	63.5	0.3	83.6	83.9
	Deep-Skin Fillets	145.4	*	145.4	201.8	*	201.8	213.2	99.2	312.3	170.2	47.0	217.2	143.7	49.7	193.3
	Other Fillets	141.8	140.3	282.1	151.0	179.7	330.7	162.5	169.7	332.3	185.2	195.9	381.1	260.0	158.6	418.5
	Surimi	321.8	264.6	586.5	290.1	240.1	530.2	294.4	282.0	576.3	251.2	222.8	474.0	330.3	201.5	531.7
	Minced Fish	37.6	24.7	62.3	26.0	25.8	51.8	35.8	23.4	59.2	39.0	25.1	64.0	36.6	16.6	53.1
	Fishmeal	93.1	60.5	153.6	75.3	40.1	115.5	56.2	64.3	120.5	65.6	63.8	129.4	60.7	51.1	111.8
	Other Products	31.4	34.3	65.8	42.9	53.9	96.8	64.1	62.6	126.7	65.3	49.6	114.9	44.4	39.8	84.2
All Species	All Products	1,230.9	623.3	1,854.2	1,435.6	694.6	2,130.2	1,413.4	851.5	2,264.9	1,380.7	735.0	2,115.7	1,554.2	672.2	2,226.4

Note: Total includes additional species not listed in the production details as well as confidential data from Tables 4.31 and 4.32. These estimates are for catch from both federal and state of Alaska fisheries. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.18: Bering Sea & Aleutian Islands price per pound of groundfish products by species and processing mode, 2021-2025, ($/lb).

		2021		2022		2023		2024		2025	
	Product	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside
	Whole Fish	*	0.47	1.29	0.62	0.89	1.09	*	*	0.30	*
	Head And Gut	0.52	*	0.63	*	0.55	*	0.61	*	0.68	*
	Roe	2.98	1.44	3.70	2.40	3.61	1.97	3.11	1.77	2.84	1.80
	Deep-Skin Fillets	1.90	*	2.78	*	2.38	2.46	2.39	1.67	2.01	1.74
	Other Fillets	1.59	1.48	1.95	1.90	1.71	1.88	1.48	1.57	1.73	1.40
	Surimi	1.48	1.35	1.67	1.43	1.41	1.40	1.32	1.28	1.60	1.14
	Minced Fish	1.21	0.85	1.29	1.82	1.21	1.42	1.15	1.48	1.15	1.20
	Fishmeal	1.42	0.72	1.53	0.74	0.90	0.84	0.96	0.76	0.84	0.59
	Other Products	0.63	0.41	0.94	0.65	1.42	0.85	1.26	0.76	0.66	0.54
Pollock	All Products	1.51	1.13	1.84	1.40	1.57	1.44	1.47	1.25	1.55	1.10
	Whole Fish	*	0.56	2.00	0.65	0.86	0.45	1.01	0.71	1.23	0.74
	Head And Gut	1.74	1.01	2.33	1.46	1.86	1.94	2.03	1.66	2.69	2.15
	Roe	0.86	1.18	1.37	1.35	1.28	1.24	1.29	1.08	1.42	1.31
	Fillets	4.20	4.50	4.56	4.59	5.10	4.80	5.40	4.34	2.71	4.76
	Other Products	0.67	1.51	0.79	0.86	0.82	1.04	1.00	0.85	1.07	0.87
Pacific Cod	All Products	1.61	2.10	2.14	2.52	1.73	3.04	1.91	2.31	2.46	2.72
	Head And Gut	3.15	4.06	3.13	4.21	2.48	3.79	2.83	3.96	2.92	4.23
	Other Products	0.89	4.38	3.55	6.17	0.97	2.10	0.70	1.29	0.80	5.48
Sablefish	All Products	3.12	4.08	3.14	4.62	2.36	3.78	2.73	3.77	2.89	4.36
	Whole Fish	*	0.50	*	-	0.71	-	0.70	-	0.70	*
	Head And Gut	0.91	-	1.01	-	1.07	-	1.02	-	1.03	-
	Other Products	0.88	0.55	0.94	0.60	0.95	0.95	0.67	0.67	0.48	0.48
Atka Mackerel	All Products	0.91	0.55	1.01	0.60	1.06	0.95	0.99	0.67	1.02	0.48

Table 4.18: Bering Sea & Aleutian Islands price per pound of groundfish products by species and processing mode, 2021-2025, ($/lb). *(continued)*

		2021		2022		2023		2024		2025	
	Product	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside
	Whole Fish	0.46	-	*	-	0.47	-	0.45	-	0.57	-
	Head And Gut	0.55	-	0.70	-	0.66	-	0.62	-	0.72	-
	Fillets	-	-	-	-	-	-	-	*	-	*
	Other Products	0.85	0.55	0.46	0.60	0.97	0.97	0.94	0.67	0.48	0.51
Yellowfin	All Products	0.55	0.55	0.70	0.60	0.64	0.97	0.63	0.67	0.72	0.51
	Whole Fish	0.57	-	0.50	-	0.67	-	0.64	*	0.60	-
	Head And Gut	0.52	-	0.76	-	0.74	-	0.63	-	0.74	-
	Head And Gut With Roe	0.90	-	0.83	-	0.91	-	0.80	-	0.85	-
	Fillets	-	-	-	-	-	-	*	-	-	*
	Other Products	0.86	0.55	0.54	0.60	0.97	0.96	0.97	0.67	0.56	0.56
Rock Sole	All Products	0.55	0.55	0.76	0.60	0.76	0.96	0.65	0.67	0.74	0.56
	Whole Fish	0.42	-	*	-	0.45	-	0.55	-	*	-
	Head And Gut	0.58	*	0.78	-	0.73	-	0.69	-	0.77	-
	Fillets	-	-	-	-	-	-	*	-	-	-
	Other Products	0.85	0.55	0.75	0.60	0.99	0.97	0.97	0.67	0.53	0.53
Flathead Sole	All Products	0.58	0.55	0.78	0.60	0.73	0.97	0.70	0.67	0.75	0.53
	Head And Gut	2.17	-	2.49	-	2.51	-	2.49	-	2.77	-
	Other Products	1.14	*	1.49	*	1.54	*	1.56	*	1.48	*
Turbot	All Products	1.92	*	2.21	*	2.23	*	2.25	*	2.41	*

Table 4.18: Bering Sea & Aleutian Islands price per pound of groundfish products by species and processing mode, 2021-2025, ($/lb). *(continued)*

		2021		2022		2023		2024		2025	
	Product	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside
	Whole Fish	*	-	-	-	-	-	*	-	-	-
	Head And Gut	0.73	-	0.90	-	0.98	-	1.05	-	1.07	-
	Other Products	0.84	0.55	0.50	0.60	1.01	0.97	0.82	0.67	0.57	0.54
Arrowtooth	All Products	0.73	0.55	0.89	0.60	0.98	0.97	1.05	0.67	1.06	0.54
	Head And Gut	0.92	-	1.04	-	1.10	-	1.18	-	1.32	-
	Fishmeal	0.86	-	0.68	-	0.95	-	0.98	-	0.54	-
	Other Products	-	-	-	-	*	-	*	-	0.58	-
Kamchatka Flounder	All Products	0.92	-	1.04	-	1.10	-	1.18	-	1.31	-
	Whole Fish	0.73	*	0.94	-	0.88	-	0.95	-	0.86	*
	Head And Gut	0.44	*	0.64	-	0.75	-	0.66	-	0.72	*
	Other Products	0.83	0.57	0.47	0.60	0.96	0.97	0.97	0.67	0.56	0.56
Other Flatfish	All Products	0.46	0.57	0.67	0.60	0.77	0.97	0.72	0.67	0.77	0.56
	Whole Fish	0.48	*	*	0.59	0.55	*	0.36	*	0.52	*
	Head And Gut	0.77	-	1.00	1.25	0.92	*	0.94	*	1.08	*
	Other Products	0.87	0.55	0.67	0.86	0.95	0.97	1.22	0.68	0.53	0.53
Pacific Ocean Perch	All Products	0.77	0.55	0.99	0.87	0.88	0.97	0.94	0.68	1.06	0.53
	Whole Fish	-	-	-	-	*	-	*	-	-	-
	Head And Gut	0.43	-	0.69	*	0.65	-	0.66	-	0.86	-
	Other Products	0.87	0.55	0.94	0.60	0.97	0.97	0.97	0.67	0.63	0.63
Northern Rockfish	All Products	0.43	0.55	0.69	0.60	0.65	0.97	0.66	0.67	0.85	0.63

Table 4.18: Bering Sea & Aleutian Islands price per pound of groundfish products by species and processing mode, 2021-2025, ($/lb). *(continued)*

		2021		2022		2023		2024		2025	
	Product	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside	At-sea	Shoreside
	Whole Fish	1.80	*	2.01	*	1.72	-	1.85	*	1.79	*
	Head And Gut	0.91	*	0.93	1.79	0.87	1.47	0.82	*	1.00	*
	Other	1.21	0.94	0.70	4.26	0.90	1.03	0.77	0.70	0.51	0.53
Other Rockfish	Products All Products	1.32	0.94	1.55	2.24	1.31	1.31	1.51	0.70	1.48	0.53
	Whole Fish	0.59	0.47	1.09	1.11	-	0.97	*	0.96	*	1.26
	Head And Gut	2.09	*	0.72	*	*	*	-	*	*	*
	Fillets	-	-	-	-	-	-	-	*	-	-
	Fishmeal	0.88	0.55	0.73	0.60	0.95	0.95	0.79	0.67	0.72	0.83
	Other	0.75	1.24	0.96	1.14	1.22	*	1.41	*	1.43	*
Other Groundfish	Products All Products	0.77	0.51	0.96	0.77	1.21	0.95	1.40	0.82	1.40	1.08

Note: These estimates are based on data from both federal and state of Alaska fisheries. Prices based on confidential data have been excluded. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.19: Bering Sea & Aleutian Islands total product value per round metric ton of retained catch by processor type, species, and year, 2021-2025, ($/mt).

	Species	2021	2022	2023	2024	2025
Motherships	Pollock	1,011	1,258	1,015	*	*
	Pacific Cod	*	*	*	*	*
Catcher/processors	Pollock	1,120	1,413	1,248	1,210	1,285
	Sablefish	3,517	3,451	3,129	3,686	3,723
	Pacific Cod	1,839	2,490	2,117	2,332	3,037
	Flatfish	736	959	940	897	1,015
	Rockfish	790	1,028	937	967	1,111
	Atka Mackerel	1,172	1,295	1,368	1,311	1,332
	Other	424	477	738	823	962
Shoreside processors	Pollock	958	1,307	1,261	1,099	949
	Sablefish	4,487	6,822	5,545	6,018	9,058
	Pacific Cod	1,866	2,234	2,173	2,025	2,385
	Flatfish	404	600	1,009	619	429
	Rockfish	619	1,302	1,057	573	567
	Other	5,255	14,501	14,396	9,896	10,588

Note: These estimates include the product value of catch from both federal and state of Alaska fisheries. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.20: Bering Sea & Aleutian Islands number of processors permits, gross product value, value per processor, and percent value of BSAI FMP groundfish of processed groundfish by processor group, 2021-2025 ($ millions).

		Processors	Wholesale Value ($million)	Wholesale Value per Processor ($1,000)	Percent Value, BSAI FMP Groundfish
	2021	15	727.83	48,521.69	39.74
	2022	13	723.08	55,621.83	34.59
	2023	13	758.43	58,340.56	34.95
	2024	14	753.52	53,822.77	36.85
AFA CP	2025	13	834.90	64,222.95	40.37
	2021	19	244.40	12,862.95	13.35
	2022	18	355.10	19,727.84	16.98
	2023	17	329.50	19,382.19	15.18
	2024	16	336.75	21,046.95	16.47
A80	2025	14	368.99	26,356.49	17.84
	2021	17	130.63	7,684.07	7.13
	2022	19	198.07	10,424.99	9.47
	2023	18	163.11	9,061.61	7.52
CP Hook and	2024	18	185.95	10,330.74	9.09
Line	2025	17	220.60	12,976.68	10.67
	2021	4	2.48	619.37	0.14
	2022	6	4.86	810.43	0.23
	2023	7	6.28	896.49	0.29
	2024	2	*	*	*
Sablefish IFQ	2025	2	*	*	*
	2021	3	122.18	40,727.51	6.67
Motherships	2022	3	119.78	39,927.24	5.73
& Inshore	2023	3	114.80	38,266.44	5.29
Floating	2024	2	*	*	*
Procs.	2025	2	*	*	*
	2021	8	599.78	74,972.55	32.75
	2022	5	645.81	129,162.85	30.89
BSAI	2023	4	756.75	189,188.43	34.87
Shoreside	2024	5	664.25	132,849.96	32.48
Processors	2025	4	513.79	128,448.02	24.84

Note: The data are for catch from both federal and state of Alaska fisheries. The processor groups are defined as follows: "AFA CP" are the AFA catcher processors. "A80" are the catcher processors as defined under Amendment 80 of the BSAI FMP. "CP Hook and Line" are the hook and line catcher processors. "Sablefish IFQ" are processors processing sablefish IFQ. Values are not adjusted for inflation.
Source: ADF&G Commercial Operators Annual Reports (COAR); and ADF&G Intent to Operate (ITO) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.21: Bering Sea & Aleutian Islands number of vessels, average and median length, and average and median capacity (tonnage) of vessels that caught groundfish by vessel type, and gear, 2021-2025.

		Vessels	Average Length (feet)	Median Length (feet)	Average Capacity (tons)	Median Capacity (tons)
	2021	82	127	124	162	135
	2022	80	128	124	162	134
	2023	75	128	124	162	135
	2024	74	129	124	164	135
AFA CV	2025	68	130	124	166	135
	2021	15	291	286	1,900	1,747
	2022	14	305	300	2,122	2,262
	2023	13	308	304	2,190	2,488
	2024	15	292	300	2,070	2,262
AFA CP	2025	13	293	300	2,138	2,262
	2021	19	191	186	508	586
	2022	18	200	194	550	624
	2023	17	205	215	572	674
	2024	16	207	219	596	693
A80	2025	14	209	219	589	674
	2021	14	117	102	156	128
	2022	21	151	156	296	156
	2023	18	154	144	311	156
	2024	10	119	130	143	132
BSAI Trawl	2025	12	119	123	147	132
	2021	2	35	35	20	20
	2022	5	44	48	27	21
CV Hook	2023	2	59	58.50	30	30
and Line	2024	2	50	49.50	26	25.50
	2021	17	151	140	394	308
	2022	19	151	141	397	308
	2023	18	149	140	367	308
CP Hook and	2024	18	148	136	356	303
Line	2025	17	146	136	323	303
	2021	24	85	58	126	98
	2022	31	86	58	95	85
	2023	34	81	57	117	51
	2024	21	71	57	98	51
Sablefish IFQ	2025	15	79	58	96	105
	2021	66	73	58	100	105
	2022	66	76	58	104	105
	2023	58	72	58	99	105
	2024	35	66	58	94	102
Pot	2025	45	73	58	109	105
	2021	1	42	42	26	26
	2022	1	42	42	26	26
	2023	1	42	42	26	26
Jig	2024	1	42	42	26	26

Table 4.21: Bering Sea & Aleutian Islands number of vessels, average and median length, and average and median capacity (tonnage) of vessels that caught groundfish by vessel type, and gear, 2021-2025. *(continued)*

		Vessels	Average Length (feet)	Median Length (feet)	Average Capacity (tons)	Median Capacity (tons)
No Fleet/	2021	1	51	51	21	21
Other	2025	1	51	51	21	21

Note: These estimates include only vessels fishing part of federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; CFEC gross earnings (fish tickets) file; NMFS Alaska Region groundfish observer data; NMFS Alaska Region permit data; CFEC vessel registration file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.22: Bering Sea & Aleutian Islands number of vessels that caught groundfish by month, vessel type, and gear, 2021-2025.

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
		2021	1	1	1	2	2	1	2	1	2	3	3	-	9
		2022	1	-	1	2	3	4	6	4	2	-	1	-	15
	Hook	2023	-	-	-	4	4	1	7	7	1	2	1	-	15
	and	2024	-	-	-	1	2	1	3	5	1	4	2	1	13
	Line	2025	-	-	-	-	-	-	1	2	-	-	-	-	3
		2021	46	36	37	10	4	7	7	6	24	10	6	1	70
		2022	45	28	36	42	11	9	12	11	26	26	6	3	80
		2023	44	27	39	42	15	9	11	8	22	18	2	-	68
		2024	21	22	29	29	6	7	5	6	16	19	10	1	44
	Pot	2025	32	38	30	33	20	6	3	1	12	15	4	5	49
		2021	29	80	87	88	42	59	64	69	50	25	2	-	96
		2022	38	89	83	55	3	53	62	62	30	4	2	-	99
		2023	58	81	76	60	5	53	60	63	58	21	9	1	91
		2024	49	68	73	53	2	51	55	60	48	17	3	-	84
	Trawl	2025	47	71	66	57	2	52	58	57	50	44	7	-	80
		2021	76	117	125	100	48	67	72	76	75	37	11	1	171
		2022	84	117	120	98	16	66	78	76	58	30	8	3	182
		2023	102	108	115	103	23	62	76	75	81	39	11	1	164
Catcher	All	2024	70	90	102	83	9	58	60	69	64	38	15	1	131
Vessels	Gear	2025	79	109	96	90	22	58	62	60	62	59	11	5	131
		2021	12	12	12	11	8	12	13	16	15	10	6	4	17
		2022	11	15	14	14	11	16	18	18	16	16	9	9	19
	Hook	2023	16	17	17	11	8	15	16	16	17	14	8	8	18
	and	2024	18	17	17	16	15	11	15	15	15	14	13	11	18
	Line	2025	13	16	16	14	15	15	16	15	16	15	15	12	17
		2021	3	1	1	2	1	-	-	-	3	3	2	1	5
		2022	2	2	3	3	1	2	-	3	4	4	3	-	7
		2023	1	2	2	2	1	-	-	3	4	4	2	2	7
		2024	-	-	-	-	1	-	-	1	2	1	1	1	4
	Pot	2025	-	2	2	-	1	-	1	1	3	1	1	1	4
		2021	26	33	33	31	20	30	27	31	26	19	13	6	34
		2022	30	33	33	20	19	24	28	30	22	19	18	5	33
		2023	27	31	31	24	18	28	26	29	26	18	13	4	32
		2024	21	27	29	19	16	25	24	26	25	17	15	6	30
	Trawl	2025	24	27	27	18	14	21	21	22	24	21	12	4	27
		2021	41	46	46	44	29	42	40	47	43	32	21	11	55
		2022	43	50	50	37	31	40	46	49	42	37	29	14	55
		2023	44	50	50	37	27	43	42	47	45	34	23	14	52
Catcher	All	2024	39	44	46	35	32	36	39	42	41	32	29	18	49
Processors	Gear	2025	37	44	44	32	29	36	37	38	42	37	28	17	45

Note: These estimates include only vessels fishing part of federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; CFEC gross earnings (fish tickets) file; NMFS Alaska Region groundfish observer data; NMFS Alaska Region permit data; CFEC vessel registration file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.23: Bering Sea & Aleutian Islands catcher vessel (excluding catcher/processors) weeks of fishing groundfish by vessel-length class (feet), gear, and target, 2021-2025.

		Hook & Line		Pot			Trawl			All Gear		
	Year	<60ft	60-124ft	<60ft	60-124ft	>= 125ft	<60ft	60-124ft	>= 125ft	<60ft	60-124ft	>= 125ft
	2021	-	-	-	-	-	-	1,019	578	-	1,019	578
	2022	-	-	-	-	-	-	701	389	-	701	389
	2023	-	-	-	-	-	-	851	504	-	851	504
	2024	-	-	-	-	-	-	830	494	-	830	494
Pollock	2025	-	-	-	-	-	-	873	595	-	873	595
	2021	6	3	60	23	10	-	-	-	67	26	10
	2022	9	5	107	34	22	-	-	-	116	39	22
	2023	16	8	174	45	11	-	-	-	190	53	11
	2024	12	4	100	38	-	-	-	-	112	42	-
Sablefish	2025	5	-	62	34	-	-	-	-	67	34	-
	2021	18	-	401	137	7	23	97	21	442	234	28
	2022	14	3	438	172	28	18	115	22	470	290	50
	2023	3	3	354	103	17	18	114	32	375	220	49
Pacific	2024	5	-	327	43	12	4	113	22	337	156	34
Cod	2025	-	-	429	80	23	-	121	17	429	202	40
	2021	-	-	-	-	-	-	28	31	-	28	31
	2022	-	-	-	-	-	-	21	37	-	21	37
	2023	-	-	-	-	-	-	13	32	-	13	32
	2024	-	-	-	-	-	-	1	15	-	1	15
Flatfish	2025	-	-	-	-	-	-	1	17	-	1	17
	2021	-	-	-	-	-	-	2	5	-	2	5
	2022	-	-	-	-	-	-	3	4	-	3	4
	2023	-	-	-	-	-	-	3	8	-	3	8
	2024	-	-	-	-	-	-	2	10	-	2	10
Rockfish	2025	-	-	-	-	-	-	0	5	-	0	5
	2021	-	-	-	-	-	-	5	13	-	5	13
	2022	-	-	-	-	-	-	4	12	-	4	12
	2023	-	-	-	-	-	-	4	19	-	4	19
Atka	2024	-	-	-	-	-	-	12	14	-	12	14
Mackerel	2025	-	-	-	-	-	-	4	19	-	4	19

Table 4.23: Bering Sea & Aleutian Islands catcher vessel (excluding catcher/processors) weeks of fishing groundfish by vessel-length class (feet), gear, and target, 2021-2025. *(continued)*

		Hook & Line		Pot			Trawl			All Gear		
	Year	<60ft	60-124ft	<60ft	60-124ft	>= 125ft	<60ft	60-124ft	>= 125ft	<60ft	60-124ft	>= 125ft
	2021	24	3	462	160	17	23	1,151	648	509	1,313	665
	2022	22	8	546	206	50	18	844	464	586	1,058	514
	2023	19	11	528	148	28	18	985	595	565	1,144	623
All	2024	17	4	428	81	12	4	958	556	449	1,044	568
Groundfish	2025	5	-	491	114	23	-	999	654	496	1,113	677

Note: These estimates include only vessels fishing part of federal TACs. A vessel that fished more than one category in a week is apportioned a partial week based on catch weight. A target is determined based on vessel, week, processing mode, NMFS area, and gear. All groundfish include additional target categories. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; CFEC gross earnings (fish tickets) file; NMFS Alaska Region groundfish observer data; NMFS Alaska Region permit data; CFEC vessel registration file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.24: Bering Sea & Aleutian Islands catcher/processor vessel weeks of fishing groundfish by vessel-length class (feet), gear, and target, 2021-2025.

		Hook & Line		Pot		Trawl			All Gear		
	Year	60-124ft	125-230ft	60-124ft	125-230ft	60-124ft	125-230ft	>230ft	60-124ft	125-230ft	>230ft
	2021	-	-	-	-	2	8	296	2	8	296
	2022	-	-	-	-	5	8	227	5	8	227
	2023	-	-	-	-	1	7	276	1	7	276
	2024	-	-	-	-	2	8	258	2	8	258
Pollock	2025	-	-	-	-	1	3	274	1	4	274
	2021	0	2	-	17	-	1	-	0	20	-
	2022	-	0	-	27	1	1	-	1	29	-
	2023	-	-	-	39	3	3	0	3	42	0
	2024	-	-	-	9	9	9	-	9	17	-
Sablefish	2025	-	-	-	10	5	2	0	5	12	0
	2021	45	406	22	15	0	4	4	67	425	4
	2022	91	508	25	14	1	1	9	117	523	9
	2023	95	491	15	12	0	3	12	110	505	12
Pacific	2024	131	556	-	5	0	5	16	131	566	16
Cod	2025	119	575	-	21	0	15	8	119	611	8
	2021	-	-	-	-	64	364	66	64	364	66
	2022	-	-	-	-	59	335	113	59	335	113
	2023	-	-	-	-	50	267	108	50	267	108
	2024	-	-	-	-	37	230	91	37	230	91
Flatfish	2025	-	-	-	-	25	213	86	25	213	86
	2021	0	0	-	-	9	55	11	9	55	11
	2022	-	-	-	-	8	59	7	8	59	7
	2023	-	-	-	-	15	56	16	15	56	16
	2024	-	-	-	-	15	53	11	15	53	11
Rockfish	2025	-	-	-	-	7	42	6	7	42	6
	2021	-	-	-	-	6	113	14	6	113	14
	2022	-	-	-	-	5	117	14	5	117	14
	2023	-	-	-	-	11	118	13	11	118	13
Atka	2024	-	-	-	-	5	122	12	5	122	12
Mackerel	2025	-	-	-	-	-	134	6	-	134	6

Table 4.24: Bering Sea & Aleutian Islands catcher/processor vessel weeks of fishing groundfish by vessel-length class (feet), gear, and target, 2021-2025. *(continued)*

		Hook & Line			Pot		Trawl		All Gear		
	Year	60-124ft	125-230ft	60-124ft	125-230ft	60-124ft	125-230ft	>230ft	60-124ft	125-230ft	>230ft
	2021	45	409	22	32	81	544	391	148	985	391
	2022	91	509	25	41	78	522	370	194	1,073	370
	2023	95	491	15	51	79	453	425	189	996	425
All	2024	131	559	-	14	68	427	389	199	999	389
Groundfish	2025	121	576	-	31	38	409	381	159	1,016	381

Note: These estimates include only vessels fishing part of federal TACs. A vessel that fished more than one category in a week is apportioned a partial week based on catch weight. A target is determined based on vessel, week, processing mode, NMFS area, and gear. All groundfish include additional target categories. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; CFEC gross earnings (fish tickets) file; NMFS Alaska Region groundfish observer data; NMFS Alaska Region permit data; CFEC vessel registration file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.25: Bering Sea & Aleutian Islands catcher vessel crew weeks in the groundfish fisheries by month, 2021-2025.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	578	1,442	1,698	1,348	307	640	1,358	1,238	925	550	150	7	10,240
2022	900	1,789	1,814	1,128	145	559	1,238	910	671	382	172	6	9,714
2023	849	1,766	1,821	1,050	236	544	1,261	1,199	1,194	460	84	20	10,485
2024	524	1,513	2,087	826	92	666	1,017	1,279	798	396	160	3	9,360
2025	678	1,662	2,106	1,034	211	627	1,015	1,243	943	695	94	5	10,314

Note: Crew weeks are calculated by summing weekly reported crew size over vessels and time period. These estimates include only vessels targeting groundfish counted toward federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea Production Reports. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.26: Bering Sea & Aleutian Islands at-sea processor vessel crew weeks in the groundfish fisheries by month, 2021-2025.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	3,603	11,024	11,965	6,540	3,711	6,205	13,098	10,813	7,792	3,722	1,979	809	81,261
2022	4,072	12,318	10,261	5,657	3,552	5,183	13,537	9,907	5,826	5,482	2,755	824	79,374
2023	5,460	13,023	12,402	6,247	3,601	6,896	12,286	10,552	9,097	4,572	2,469	895	87,500
2024	4,586	11,391	13,791	4,685	3,760	8,475	9,504	12,051	6,974	4,019	3,701	1,339	84,276
2025	3,135	11,583	13,806	4,796	4,552	6,163	9,143	11,850	10,119	5,780	3,708	1,378	86,013

Note: Crew weeks are calculated by summing weekly reported crew size over vessels and time period. These estimates include only vessels targeting groundfish counted toward federal TACs. Catcher processors typically account for 90-95% of the total at-sea crew weeks in all areas. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea Production Reports. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

4.3 Gulf of Alaska Economic Data Tables

Table 4.27: Gulf of Alaska groundfish retained catch by vessel type, gear, and species, 2021-2025 (1,000 metric tons, round weight).

		Central Gulf				Western Gulf				All Gulf			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	74.80	74.80	-	-	15.70	15.70	-	-	97.60	97.60
	2022	-	-	99	99	-	-	23.30	23.30	-	-	131.40	131.50
	2023	-	-	97.60	97.70	-	-	24	24	-	-	131.70	131.70
	2024	-	-	90.80	90.80	-	-	31.20	31.20	-	-	127	127
Pollock	2025	-	-	117.30	117.30	-	-	2.20	2.20	-	-	125.60	125.60
	2021	3.40	4.40	3.30	11	1.40	3.20	1.60	6.20	5.10	7.60	4.90	17.60
	2022	4	6.80	5.30	16.10	1.80	3.70	2.20	7.70	6.20	10.50	7.50	24.20
	2023	3.80	4.80	4.20	12.90	1.90	2.80	1.50	6.30	6.20	7.60	5.80	19.70
	2024	5	6.10	6.20	17.40	1.50	3.70	0.30	5.50	6.60	9.90	6.50	23.10
Pacific Cod	2025	4.90	7.30	5.20	17.40	1.20	4.50	-	5.80	6.40	11.80	5.20	23.40
	2021	0.60	5.20	0.90	6.60	0.10	1.60	0.20	1.90	4.30	9.80	1	15.20
	2022	0.60	5.90	1	7.50	0.10	2.60	0.20	2.80	3.70	13.90	1.20	18.80
	2023	0.50	4.60	0.90	6	0.10	2.40	0.20	2.70	3.10	12.20	1.10	16.40
	2024	0.70	5.40	0.90	6.90	0.10	2.50	0.10	2.70	3.20	12.90	0.90	17
Sablefish	2025	0.50	5.90	0.80	7.20	0.10	3	-	3.10	2.80	14.60	0.80	18.30
	2021	-	-	0.20	0.20	-	-	0.30	0.30	-	-	0.60	0.60
	2022	-	-	0.30	0.30	-	-	0.50	0.50	-	-	0.80	0.80
	2023	-	-	-	-	-	-	0.40	0.40	-	-	0.40	0.40
Atka	2024	-	-	-	-	-	-	0.30	0.30	-	-	0.30	0.30
Mackerel	2025	-	-	0.50	0.50	-	-	0.40	0.40	-	-	0.90	0.90
	2021	-	-	7.60	7.60	*	-	0.10	0.10	-	-	7.70	7.70
	2022	-	-	9.70	9.70	-	-	0.30	0.30	-	-	10	10
	2023	-	-	7.90	7.90	*	-	0.20	0.20	-	-	8.10	8.10
	2024	*	-	16.50	16.50	-	-	0.20	0.20	*	-	16.80	16.80
Arrowtooth	2025	-	-	12.30	12.30	-	-	0.10	0.10	-	-	12.50	12.50
	2021	-	-	0.30	0.30	-	-	0.10	0.10	-	-	0.30	0.30
	2022	-	-	0.30	0.30	-	-	-	-	-	-	0.30	0.30
	2023	-	-	0.40	0.40	-	-	-	-	-	-	0.40	0.40
Flathead	2024	-	-	0.80	0.80	-	-	0.10	0.10	-	-	0.80	0.80
Sole	2025	-	-	0.80	0.80	-	-	-	-	-	-	0.80	0.80

Table 4.27: Gulf of Alaska groundfish retained catch by vessel type, gear, and species, 2021-2025 (1,000 metric tons, round weight). *(continued)*

		Central Gulf				Western Gulf				All Gulf			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	0.20	0.20	*	-	-	-	*	-	0.20	0.20
	2022	-	-	0.30	0.30	-	-	-	-	-	-	0.40	0.40
	2023	-	-	0.40	0.40	-	-	-	-	-	-	0.40	0.40
	2024	-	-	0.50	0.50	-	-	-	-	-	-	0.50	0.50
Rex Sole	2025	-	-	0.60	0.60	-	-	-	-	-	-	0.60	0.60
	2021	*	-	0.10	0.10	-	-	-	-	*	-	0.20	0.20
	2022	-	-	0.20	0.20	*	-	-	-	*	-	0.30	0.30
	2023	-	-	0.80	0.80	-	-	-	-	*	-	0.90	0.90
Shallow-Water	2024	-	-	1.30	1.30	*	-	-	-	*	-	1.30	1.30
Flatfish	2025	-	-	1.80	1.80	-	-	-	-	*	-	1.80	1.80
	2021	-	-	-	-	-	-	*	*	*	-	-	-
	2022	-	-	-	-	*	-	*	*	*	-	-	-
	2023	-	-	-	-	-	-	*	*	*	-	-	-
Deep-Water	2024	-	-	-	-	-	-	*	*	-	-	-	-
Flatfish	2025	-	-	-	-	-	-	*	*	-	-	-	-
	2021	*	-	25.10	25.10	*	-	1.60	1.60	*	-	26.80	26.80
	2022	-	-	24.60	24.60	*	-	2.40	2.40	*	-	27.10	27.10
Pacific	2023	*	-	24.90	24.90	-	-	2.40	2.40	*	-	27.40	27.40
Ocean	2024	-	-	21.20	21.20	*	-	1.60	1.60	*	-	22.80	22.80
Perch	2025	*	-	23.90	23.90	*	-	1.60	1.60	*	-	25.60	25.60
	2021	-	-	1.60	1.60	-	-	0.70	0.70	-	-	2.30	2.30
	2022	*	-	1.40	1.40	*	-	0.50	0.50	*	-	1.90	1.90
	2023	*	-	0.90	0.90	*	-	0.40	0.40	*	-	1.30	1.30
Northern	2024	*	-	0.80	0.80	*	-	0.30	0.30	*	-	1.10	1.10
Rockfish	2025	*	-	1.20	1.20	*	-	0.50	0.50	*	-	1.70	1.70

Table 4.27: Gulf of Alaska groundfish retained catch by vessel type, gear, and species, 2021-2025 (1,000 metric tons, round weight). *(continued)*

		Central Gulf				Western Gulf				All Gulf			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	2.60	2.60	*	-	0.10	0.10	-	-	2.80	2.80
	2022	-	-	2.40	2.40	-	-	0.10	0.10	-	-	2.50	2.50
	2023	-	-	3.40	3.40	*	-	0.10	0.10	-	-	3.40	3.40
Dusky	2024	-	-	2	2	*	-	0.10	0.10	-	-	2.10	2.10
Rockfish	2025	-	-	2.20	2.20	*	-	0.10	0.10	-	-	2.20	2.20
	2021	0.10	-	0.90	1	-	-	0.10	0.10	0.60	-	1.10	1.70
	2022	0.10	-	0.90	1.10	-	-	0.20	0.30	0.60	-	1.20	1.90
	2023	0.10	-	0.90	1	-	-	0.10	0.20	0.70	-	1.10	1.80
Other	2024	0.10	-	0.40	0.50	-	-	0.10	0.10	0.60	-	0.50	1.20
Rockfish	2025	0.10	-	0.70	0.80	-	-	0.10	0.10	0.60	-	0.80	1.40
	2021	0.10	-	0.10	0.20	-	-	-	-	0.10	-	0.10	0.20
	2022	0.10	-	0.10	0.30	0.10	-	-	0.10	0.20	-	0.10	0.40
	2023	0.10	-	0.20	0.30	0.10	-	-	0.10	0.20	-	0.20	0.40
Other	2024	0.10	-	0.30	0.50	-	-	-	0.10	0.10	-	0.30	0.50
Groundfish	2025	0.10	-	0.50	0.60	-	-	*	0.10	0.10	-	0.50	0.70

Note: The estimates are of retained catch (i.e., excludes discarded catch). All groundfish include additional species categories. These estimates include only catch counted against federal TACs. Includes FMP groundfish catch on halibut targets. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.28: All Gulf of Alaska groundfish retained catch by species, gear, and target fishery, 2024-2025, (1,000 metric tons, round weight).

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Flathead Sole	Rex Sole	Flat Deep	Flat Shallow	Rockfish	Atka Mackerel	Other	All Species
Hook and Line	2024	Sablefish	-	2.60	-	-	-	-	-	-	0.20	-	*	2.80
		Pacific Cod	-	*	6.50	-	-	-	-	*	-	-	0.10	6.60
		Arrowtooth	-	-	*	*	-	-	-	-	-	-	-	*
		Halibut	*	0.30	0.20	*	-	-	-	*	0.40	-	-	0.80
		Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
		All Targets	-	2.90	6.60	*	-	-	-	*	0.60	-	0.10	10.30
	2025	Sablefish	-	2.50	-	*	-	-	-	-	0.10	-	*	2.60
		Pacific Cod	-	*	6.00	*	-	-	-	-	-	-	0.10	6.20
		Halibut	*	0.20	0.10	-	-	-	-	*	0.30	-	-	0.60
		Rockfish	*	-	-	-	-	-	-	-	0.10	-	-	0.10
		All Targets	-	2.70	6.20	-	-	-	-	*	0.60	-	0.10	9.50
Pot	2024	Sablefish	-	12.50	-	*	-	-	-	*	-	-	*	12.50
		Pacific Cod	-	-	9.90	*	-	-	-	*	*	-	0.10	10.00
		Halibut	-	-	-	-	-	-	-	-	-	-	-	-
		Rockfish	-	*	-	-	-	-	-	-	*	-	-	*
		All Targets	-	12.50	9.90	*	-	-	-	*	-	-	0.10	22.50
	2025	Sablefish	-	14.10	-	*	-	*	-	-	-	-	-	14.20
		Pacific Cod	-	*	11.80	*	*	-	-	*	*	*	0.10	11.90
		Halibut	-	-	*	-	-	-	-	-	-	-	-	-
		All Targets	-	14.20	11.80	*	*	*	-	*	-	*	0.10	26.10

Table 4.28: All Gulf of Alaska groundfish retained catch by species, gear, and target fishery, 2024-2025, (1,000 metric tons, round weight). *(continued)*

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Flathead Sole	Rex Sole	Flat Deep	Flat Shallow	Rockfish	Atka Mackerel	Other	All Species
Trawl	2024	Pollock, Bottom	11.90	-	0.40	0.10	-	-	*	-	0.40	*	-	12.90
		Pollock, Pelagic	112.30	-	0.20	0.30	0.10	-	*	-	0.30	-	-	113.20
		Sablefish	*	0.40	*	-	*	-	-	*	0.10	-	-	0.50
		Pacific Cod	0.10	*	4.90	0.10	-	-	*	0.40	-	-	0.10	5.60
		Arrowtooth	0.30	0.10	0.20	9.60	0.20	0.20	-	-	0.50	-	-	11.10
		Flatfish, Shallow	*	*	0.10	0.10	0.10	*	*	0.50	-	-	-	0.80
		Rockfish	2.00	0.40	0.20	1.20	-	0.10	-	-	25.20	0.30	-	29.60
		All Targets	126.50	0.90	6.10	11.40	0.40	0.30	-	0.90	26.50	0.30	0.20	173.60
	2025	Pollock, Bottom	25.80	-	2.90	0.20	0.10	-	*	0.10	0.60	*	0.20	29.90
		Pollock, Pelagic	97.80	-	0.20	0.10	-	-	*	-	0.40	*	-	98.60
		Sablefish	*	0.30	-	*	-	*	*	*	-	-	-	0.40
		Pacific Cod	-	-	1.00	-	-	-	*	0.20	-	*	-	1.30
		Arrowtooth	0.30	*	0.20	6.30	0.20	0.20	*	-	1.20	*	*	8.40
		Flatfish, Shallow	-	*	0.10	0.20	0.10	-	-	0.90	-	-	0.10	1.50
		Rockfish	1.30	0.40	0.40	1.50	-	0.10	-	-	27.90	0.80	-	32.60
		All Targets	125.30	0.70	4.80	8.50	0.40	0.30	-	1.30	30.20	0.80	0.30	172.60
All Gear	2024	All Targets	126.60	16.30	22.70	11.40	0.40	0.30	-	0.90	27.10	0.30	0.30	206.40
	2025	All Targets	125.30	17.60	22.80	8.50	0.40	0.30	-	1.30	30.80	0.80	0.50	208.30

Note: Totals may include additional categories. The target is derived from an algorithm used to determine preponderance of catch, accounting for processor, trip, processing mode, NMFS area, and gear. These estimates include only catch counted against federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.29: Western Gulf of Alaska groundfish retained catch by species, gear, and target fishery, 2024-2025, (1,000 metric tons, round weight).

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Flathead Sole	Rex Sole	Flat Deep	Flat Shallow	Rockfish	Atka Mackerel	Other	All Species
Hook and Line	2024	Sablefish	-	0.10	-	-	-	-	-	-	-	-	-	0.10
		Pacific Cod	-	*	1.40	-	-	-	-	*	*	-	-	1.50
		Halibut	-	-	-	-	-	-	-	-	-	-	-	-
		All Targets	-	0.10	1.50	-	-	-	-	*	-	-	-	1.60
	2025	Sablefish	-	0.10	*	-	-	-	-	-	*	-	*	0.10
		Pacific Cod	-	*	1.00	-	-	-	-	-	*	-	-	1.00
		Halibut	-	*	-	-	-	-	-	-	-	-	-	-
		All Targets	-	0.10	1.00	-	-	-	-	-	-	-	-	1.10
Pot	2024	Sablefish	-	2.30	-	*	-	-	-	-	-	-	-	2.30
		Pacific Cod	*	-	3.70	*	-	-	-	*	-	-	-	3.80
		Halibut	-	*	-	-	-	-	-	-	-	-	-	*
		All Targets	*	2.30	3.70	*	-	-	-	*	-	-	-	6.10
	2025	Sablefish	-	2.70	*	*	-	*	-	-	-	-	-	2.70
		Pacific Cod	-	*	4.50	*	*	-	-	*	*	*	-	4.60
		Halibut	-	*	*	-	-	-	-	-	*	-	-	*
		All Targets	-	2.70	4.50	*	*	*	-	*	-	*	-	7.30

Table 4.29: Western Gulf of Alaska groundfish retained catch by species, gear, and target fishery, 2024-2025, (1,000 metric tons, round weight). *(continued)*

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Flathead Sole	Rex Sole	Flat Deep	Flat Shallow	Rockfish	Atka Mackerel	Other	All Species
Trawl	2024	Pollock, Bottom	5.70	*	0.10	*	*	*	*	-	0.10	*	-	5.90
		Pollock, Pelagic	25.20	*	0.10	0.20	0.10	-	*	-	-	-	-	25.60
		Pacific Cod	*	-	*	*	*	-	*	*	*	-	-	*
		Rockfish	0.30	0.10	-	-	-	-	-	*	2.00	0.30	-	2.80
		All Targets	31.20	0.10	0.30	0.20	0.10	-	*	-	2.10	0.30	-	34.40
	2025	Pollock, Bottom	2.10	*	-	0.10	-	-	-	*	-	*	*	2.30
		Pollock, Pelagic	*	*	*	*	*	*	*	*	*	*	*	*
		Pacific Cod	*	-	*	*	*	-	-	*	*	-	-	*
		Rockfish	0.10	-	-	-	-	-	*	-	2.20	0.40	*	2.80
		All Targets	2.20	-	-	0.10	-	-	*	-	2.20	0.40	*	5.10
All Gear	2024	All Targets	31.20	2.50	5.50	0.20	0.10	-	*	-	2.10	0.30	0.10	42.00
	2025	All Targets	2.20	2.90	5.60	0.10	-	-	*	-	2.20	0.40	0.10	13.50

Note: Totals may include additional categories. The target is derived from an algorithm used to determine preponderance of catch, accounting for processor, trip, processing mode, NMFS area, and gear. These estimates include only catch counted against federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.30: Central Gulf of Alaska groundfish retained catch by species, gear, and target fishery, 2024-2025, (1,000 metric tons, round weight).

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Flathead Sole	Rex Sole	Flat Deep	Flat Shallow	Rockfish	Atka Mackerel	Other	All Species
Hook and Line	2024	Sablefish	-	0.50	-	-	-	-	-	-	-	-	*	0.60
		Pacific Cod	-	*	4.90	-	-	-	-	-	-	-	0.10	5.00
		Arrowtooth	-	-	*	*	-	-	-	-	-	-	-	*
		Halibut	*	0.10	0.10	*	-	-	-	-	0.10	-	-	0.30
		Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
		All Targets	-	0.70	5.00	*	-	-	-	-	0.10	-	0.10	5.90
	2025	Sablefish	-	0.40	-	-	-	-	-	-	-	-	*	0.40
		Pacific Cod	-	*	4.80	*	-	-	-	-	-	-	0.10	4.90
		Halibut	-	0.10	0.10	-	-	-	-	-	0.10	-	-	0.20
		Rockfish	*	-	-	-	-	-	-	-	-	-	-	-
		All Targets	-	0.50	4.90	-	-	-	-	-	0.10	-	0.10	5.60
Pot	2024	Sablefish	-	5.30	-	*	-	-	-	*	-	-	*	5.30
		Pacific Cod	-	-	6.10	-	-	-	-	-	*	-	0.10	6.20
		Halibut	-	-	-	-	-	-	-	-	-	-	-	-
		All Targets	-	5.30	6.10	*	-	-	-	*	-	-	0.10	11.50
	2025	Sablefish	-	5.70	*	*	-	-	-	-	-	-	-	5.70
		Pacific Cod	-	*	7.30	*	-	-	-	*	*	-	-	7.30
		All Targets	-	5.70	7.30	*	-	-	-	*	-	-	-	13.10

Table 4.30: Central Gulf of Alaska groundfish retained catch by species, gear, and target fishery, 2024-2025, (1,000 metric tons, round weight). *(continued)*

Gear	Year	Target	Pollock	Sablefish	Pacific Cod	Arrowtooth	Flathead Sole	Rex Sole	Flat Deep	Flat Shallow	Rockfish	Atka Mackerel	Other	All Species
		Pollock, Bottom	5.70	-	0.30	0.10	-	-	-	-	0.30	-	-	6.40
		Pollock, Pelagic	82.60	-	0.10	0.10	-	-	-	-	0.20	-	-	83.00
		Sablefish	*	0.40	*	-	*	-	-	*	0.10	-	-	0.50
		Pacific Cod	0.10	*	4.90	0.10	-	-	*	0.40	-	-	0.10	5.60
		Arrowtooth	0.30	0.10	0.20	9.60	0.20	0.20	-	-	0.50	-	-	11.10
		Flatfish, Shallow	*	*	0.10	0.10	0.10	*	*	0.50	-	-	-	0.80
		Rockfish	1.70	0.40	0.20	1.20	-	0.10	-	-	23.20	-	-	26.80
	2024	All Targets	90.40	0.80	5.80	11.20	0.40	0.30	-	0.90	24.30	-	0.10	134.20
		Pollock, Bottom	21.90	-	2.90	0.10	-	-	*	0.10	0.60	-	0.20	25.90
		Pollock, Pelagic	93.60	-	0.20	0.10	-	-	-	-	0.40	*	-	94.30
		Sablefish	*	0.30	-	*	-	*	*	*	-	-	-	0.40
		Pacific Cod	-	-	1.00	-	-	-	*	0.20	-	*	-	1.30
		Arrowtooth	0.30	*	0.20	6.30	0.20	0.20	*	-	1.20	*	*	8.40
		Flatfish, Shallow	-	*	0.10	0.20	0.10	-	-	0.90	-	-	0.10	1.50
		Rockfish	1.20	0.40	0.40	1.50	-	0.10	-	-	25.70	0.40	-	29.80
Trawl	2025	All Targets	117.00	0.70	4.80	8.30	0.40	0.30	-	1.30	28.00	0.40	0.30	161.50
All Gear	2024	All Targets	90.40	6.80	17.00	11.20	0.40	0.30	-	0.90	24.40	-	0.30	151.60
	2025	All Targets	117.10	7.00	17.00	8.30	0.40	0.30	-	1.30	28.10	0.40	0.40	180.20

Note: Totals may include additional categories. The target is derived from an algorithm used to determine preponderance of catch, accounting for processor, trip, processing mode, NMFS area, and gear. These estimates include only catch counted against federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.31: Gulf of Alaska ex-vessel prices in the groundfish fisheries by gear, and species, 2021-2025; calculations based on COAR ($/lb, round weight).

	Year	Fixed	Trawl	All Gear
	2021	0.08	0.12	0.12
	2022	0.56	0.17	0.17
	2023	0.12	0.13	0.13
	2024	0.07	0.10	0.10
Pollock	2025	0.06	0.09	0.09
	2021	0.41	0.35	0.39
	2022	0.48	0.44	0.47
	2023	0.45	0.36	0.42
	2024	0.27	0.24	0.26
Pacific Cod	2025	0.46	0.39	0.44
	2021	2.26	1.26	2.18
	2022	2.57	1.47	2.49
	2023	1.84	0.77	1.77
	2024	1.51	0.70	1.46
Sablefish	2025	1.98	0.98	1.93
	2021	-	0.30	0.30
	2022	-	0.25	0.25
	2023	-	0.26	0.26
Atka	2024	-	0.27	0.27
Mackerel	2025	*	0.31	0.31
	2021	0.25	0.07	0.07
	2022	0.07	0.11	0.11
	2023	0.40	0.07	0.07
	2024	0.02	0.09	0.09
Arrowtooth	2025	0.04	0.09	0.09
	2021	*	0.06	0.06
	2022	*	0.10	0.10
	2023	*	0.06	0.06
Flathead	2024	-	0.09	0.09
Sole	2025	*	0.09	0.09
	2021	*	0.07	0.07
	2022	-	0.11	0.11
	2023	-	0.12	0.12
	2024	-	0.10	0.10
Rex Sole	2025	*	0.15	0.15
	2021	*	0.08	0.08
	2022	0.07	0.11	0.11
	2023	*	0.10	0.10
Shallow-Water	2024	0.02	0.09	0.09
Flatfish	2025	0.04	0.11	0.11
	2021	*	0.07	0.07
	2022	*	0.11	0.11
	2023	*	0.07	0.07
Deep-Water	2024	-	0.09	0.09
Flatfish	2025	-	0.11	0.11

Table 4.31: Gulf of Alaska ex-vessel prices in the groundfish fisheries by gear, and species, 2021-2025; calculations based on COAR ($/lb, round weight). *(continued)*

	Year	Fixed	Trawl	All Gear
	2021	0.14	0.13	0.13
	2022	0.05	0.15	0.15
Pacific	2023	0.30	0.13	0.13
Ocean	2024	0.70	0.09	0.09
Perch	2025	0.30	0.13	0.13
	2021	-	0.13	0.13
	2022	0.72	0.14	0.14
	2023	0.67	0.13	0.13
Northern	2024	0.58	0.09	0.09
Rockfish	2025	0.29	0.13	0.13
	2021	0.63	0.13	0.13
	2022	0.58	0.14	0.14
	2023	0.59	0.13	0.13
Dusky	2024	0.56	0.09	0.09
Rockfish	2025	0.34	0.13	0.13
	2021	0.56	0.13	0.28
	2022	0.74	0.15	0.35
	2023	0.73	0.12	0.35
Other	2024	0.71	0.10	0.38
Rockfish	2025	0.92	0.12	0.45

Note: Prices are for catch from both federal and state of Alaska fisheries. The unfrozen landings price is calculated as landed value divided by estimated or actual round weight. Prices for catch processed by an at-sea processor without a COAR buying record (e.g., from catcher processors) are set using the prices for the matching species (group), region and gear-types for which buying records exist. Trawl-caught sablefish, rockfish and flatfish in the GOA and trawl-caught Atka mackerel in both the GOA and the GOA are not well represented in the COAR buying records. A price was calculated for these categories from product-report prices; the price in this case is the value of the first wholesale products divided by the calculated round weight and multiplied by a constant 0.4 to correct for value added by processing. The "All Alaska/All gear" column is the average weighted by retained catch. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.32: Gulf of Alaska ex-vessel value of the groundfish catch by vessel category, gear, and species, 2021-2025; calculations based on COAR ($ millions).

		Central Gulf				Western Gulf				All Gulf			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	20.50	20.50	-	-	4.83	4.83	-	-	27.32	27.32
	2022	-	-	36.87	36.88	-	-	8.65	8.68	-	-	48.95	48.99
	2023	-	-	27.40	27.40	-	-	7.29	7.29	-	-	37.52	37.52
	2024	-	-	19.40	19.40	-	-	6.68	6.68	-	-	27.15	27.15
Pollock	2025	-	-	24.15	24.15	-	-	2.88	2.88	-	-	28.26	28.27
	2021	3.02	3.94	2.55	9.51	1.25	2.92	1.36	5.52	4.58	6.86	3.91	15.35
	2022	4.26	7.20	5.20	16.66	1.87	3.98	2.16	8.01	6.55	11.19	7.37	25.10
	2023	3.75	4.77	3.43	11.95	1.92	2.76	1.26	5.95	6.18	7.56	4.69	18.43
Pacific	2024	3.01	3.68	3.26	9.95	0.88	2.25	0.78	3.91	3.99	5.94	4.04	13.98
Cod	2025	4.96	7.44	4.50	16.91	1.25	4.61	1.69	7.55	6.48	12.13	6.19	24.81
	2021	2.83	25.79	2.45	31.08	0.62	7.99	0.42	9.03	21.32	49.10	3.18	73.60
	2022	3.21	33.58	3.44	40.24	0.48	13.98	0.59	15.05	21.07	78.70	4.04	103.81
	2023	2.13	18.91	1.51	22.55	0.35	9.51	0.33	10.19	12.42	49.91	1.99	64.32
	2024	2.34	17.88	1.35	21.56	0.51	8.36	0.12	8.99	10.71	43.05	1.72	55.47
Sablefish	2025	2.25	25.60	1.74	29.59	0.41	12.89	0.08	13.38	12.44	63.90	1.82	78.16
	2021	-	-	0.33	0.33	-	-	0.23	0.23	-	-	0.56	0.56
	2022	-	-	0.17	0.17	-	-	0.30	0.30	-	-	0.46	0.46
	2023	-	-	-	-	-	-	0.26	0.26	-	-	0.26	0.26
Atka	2024	-	-	-	-	-	-	0.20	0.20	-	-	0.20	0.20
Mackerel	2025	-	-	0.34	0.34	-	-	0.28	0.28	-	-	0.62	0.62
	2021	-	-	1.17	1.17	*	-	0.03	0.03	-	-	1.20	1.20
	2022	-	-	2.38	2.38	-	-	0.08	0.08	-	-	2.46	2.46
	2023	-	-	1.22	1.22	*	-	0.03	0.03	-	-	1.25	1.25
	2024	*	-	3.18	3.18	-	-	0.08	0.08	*	-	3.26	3.26
Arrowtooth	2025	-	-	2.44	2.44	-	-	0.03	0.03	-	-	2.47	2.47

Table 4.32: Gulf of Alaska ex-vessel value of the groundfish catch by vessel category, gear, and species, 2021-2025; calculations based on COAR ($ millions). *(continued)*

		Central Gulf				Western Gulf				All Gulf			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	0.06	0.06	-	-	0.01	0.01	-	-	0.07	0.07
	2022	-	-	0.10	0.10	-	-	-	-	-	-	0.10	0.10
	2023	-	-	0.06	0.06	-	-	-	-	-	-	0.06	0.06
Flathead	2024	-	-	0.15	0.15	-	-	0.02	0.02	-	-	0.17	0.17
Sole	2025	-	-	0.16	0.16	-	-	0.01	0.01	-	-	0.17	0.17
	2021	-	-	0.04	0.04	*	-	-	-	*	-	0.04	0.04
	2022	-	-	0.14	0.14	-	-	0.01	0.01	-	-	0.15	0.15
	2023	-	-	0.10	0.10	-	-	-	-	-	-	0.10	0.10
Rex	2024	-	-	0.11	0.11	-	-	-	-	-	-	0.12	0.12
Sole	2025	-	-	0.19	0.19	-	-	-	-	-	-	0.19	0.19
	2021	*	-	0.25	0.25	-	-	-	-	*	-	0.25	0.25
	2022	-	-	0.24	0.24	*	-	-	-	*	-	0.24	0.24
	2023	-	-	0.19	0.19	-	-	-	-	*	-	0.19	0.19
Shallow-Water	2024	-	-	0.27	0.27	*	-	-	-	*	-	0.27	0.27
Flatfish	2025	-	-	0.43	0.43	-	-	-	-	*	-	0.43	0.43
	2021	-	-	-	-	-	-	*	*	*	-	-	-
	2022	-	-	-	-	*	-	*	*	*	-	-	-
	2023	-	-	-	-	-	-	-	-	*	-	0.01	0.01
Deep-Water	2024	-	-	-	-	-	-	-	-	-	-	0.01	0.01
Flatfish	2025	-	-	0.01	0.01	-	-	-	-	-	-	0.01	0.01
	2021	*	-	7.11	7.11	*	-	0.45	0.45	*	-	8.04	8.04
	2022	-	-	8.09	8.09	*	-	0.79	0.79	-	-	9.33	9.33
Pacific	2023	*	-	6.95	6.95	-	-	0.68	0.68	*	-	8.01	8.01
Ocean	2024	-	-	4.14	4.14	*	-	0.32	0.32	*	-	4.84	4.84
Perch	2025	*	-	7.04	7.04	*	-	0.48	0.48	*	-	8.07	8.07

Table 4.32: Gulf of Alaska ex-vessel value of the groundfish catch by vessel category, gear, and species, 2021-2025; calculations based on COAR ($ millions). *(continued)*

		Central Gulf				Western Gulf				All Gulf			
	Year	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear	Hook and Line	Pot	Trawl	All Gear
	2021	-	-	0.46	0.46	-	-	0.20	0.20	-	-	0.66	0.66
	2022	*	-	0.45	0.45	*	-	0.15	0.15	*	-	0.60	0.60
	2023	*	-	0.26	0.26	*	-	0.11	0.11	*	-	0.36	0.36
Northern	2024	-	-	0.15	0.15	*	-	0.06	0.06	-	-	0.21	0.21
Rockfish	2025	-	-	0.35	0.35	*	-	0.13	0.13	-	-	0.49	0.49
	2021	0.01	-	0.75	0.75	*	-	0.04	0.04	0.01	-	0.79	0.80
	2022	-	-	0.75	0.75	-	-	0.03	0.03	0.01	-	0.78	0.79
	2023	-	-	0.94	0.94	-	-	0.02	0.02	0.01	-	0.96	0.97
Dusky	2024	0.01	-	0.39	0.40	*	-	0.01	0.01	0.01	-	0.41	0.41
Rockfish	2025	-	-	0.62	0.62	*	-	0.02	0.02	-	-	0.64	0.64
	2021	0.13	-	0.27	0.40	0.02	-	0.03	0.05	0.77	-	0.35	1.16
	2022	0.19	-	0.32	0.52	0.06	-	0.08	0.14	1.09	-	0.45	1.60
	2023	0.23	-	0.23	0.46	0.06	-	0.04	0.10	1.16	-	0.32	1.55
Other	2024	0.20	-	0.10	0.31	0.04	-	0.02	0.06	0.95	-	0.16	1.14
Rockfish	2025	0.23	-	0.19	0.42	0.05	-	0.02	0.08	1.21	-	0.25	1.49
	2021	0.09	-	0.08	0.18	0.03	-	-	0.03	0.13	-	0.08	0.23
	2022	0.08	-	0.03	0.18	0.14	-	-	0.14	0.24	-	0.04	0.33
	2023	0.11	-	0.05	0.20	0.11	-	-	0.11	0.24	-	0.06	0.33
Other	2024	0.10	-	0.10	0.27	0.04	-	0.01	0.06	0.15	-	0.11	0.34
Groundfish	2025	0.09	-	0.27	0.41	0.04	-	0.01	0.08	0.14	-	0.28	0.50

Note: Ex-vessel value is calculated by multiplying ex-vessel prices by the retained round weight catch from Tables 4.13 and 4.31. Please refer to Tables 4.13 and 4.31 for a description of the price derivation. The value added by at-sea processing is not included in these estimates of ex-vessel value. All groundfish includes additional species categories. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.33: Gulf of Alaska vessel and permit counts, ex-vessel value, value per vessel, and percent value of GOA FMP groundfish and all GOA fisheries by processor group, 2021-2025; calculations based on COAR ($ millions).

	Year	Vessels	Processors	Ex-vessel Value per Vessel $1,000	Ex-vessel Value $million	Percent Value, GOA FMP Groundfish	Percent Value, All GOA Fisheries
	2021	33	11	230.68	7.61	6.00	1.11
	2022	33	8	389.57	12.86	6.73	1.83
Western	2023	32	12	313.00	10.02	7.65	1.87
Gulf	2024	33	12	251.91	8.31	7.86	1.97
Trawl	2025	24	8	235.02	5.64	3.89	0.89
	2021	52	13	692.72	36.02	28.41	5.24
	2022	50	16	1,163.69	58.18	30.44	8.30
Central	2023	45	11	941.01	42.35	32.35	7.89
Gulf	2024	46	12	708.68	32.60	30.84	7.73
Trawl	2025	41	10	1,034.22	42.40	29.28	6.69
	2021	59	21	42.22	2.49	1.96	0.36
	2022	54	22	59.98	3.24	1.69	0.46
	2023	55	24	48.28	2.66	2.03	0.49
CV Hook	2024	55	23	35.90	1.97	1.87	0.47
and Line	2025	74	21	46.57	3.45	2.38	0.54
	2021	2	2	*	*	*	*
	2022	6	6	416.20	2.50	1.31	0.36
	2023	5	5	413.01	2.07	1.58	0.38
CP Hook	2024	5	5	277.17	1.39	1.31	0.33
and Line	2025	6	6	319.77	1.92	1.32	0.30
	2021	238	42	286.29	68.14	53.75	9.91
	2022	245	45	395.70	96.95	50.73	13.84
	2023	233	40	259.28	60.41	46.15	11.26
Sablefish	2024	213	39	245.61	52.31	49.49	12.40
IFQ	2025	211	39	353.99	74.69	51.57	11.78
	2021	70	24	103.52	7.25	5.72	1.05
	2022	79	23	152.44	12.04	6.30	1.72
	2023	77	29	106.70	8.22	6.28	1.53
	2024	60	30	104.83	6.29	5.95	1.49
Pot	2025	86	34	146.20	12.57	8.68	1.98
	2021	100	39	10.41	1.04	0.82	0.15
	2022	77	28	14.01	1.08	0.56	0.15
	2023	124	40	14.37	1.78	1.36	0.33
	2024	83	33	13.25	1.10	1.04	0.26
Jig	2025	114	34	17.33	1.98	1.36	0.31

Note: These tables include the value of groundfish purchases reported by processing plants, as well as by other entities, such as markets and restaurants, that normally would not report sales of groundfish products. Keep this in mind when comparing ex-vessel values in this table to gross processed-product values. The data are for catch from both federal and state of Alaska fisheries. The column "permits" is a count of federal groundfish processor permits. Values are not adjusted for inflation.
Source: ADF&G Commercial Operators Annual Reports (COAR); and ADF&G Intent to Operate (ITO) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.34: Gulf of Alaska production of groundfish products by species, 2021-2025 (1,000 metric tons, product weight).

	Product	2021	2022	2023	2024	2025
	Whole Fish	0.33	0.22	0.19	0.30	0.21
	Head And Gut	14.02	20.10	20.29	29.01	34.00
	Roe	1.03	1.34	1.96	1.59	2.84
	Deep-Skin Fillets	*	*	*	*	*
	Other Fillets	8.65	11.77	13.19	9.75	11.86
	Surimi	5.93	6.48	9.59	5.43	5.73
	Minced Fish	0.76	0.66	0.95	1.28	1.87
	Fishmeal	0.50	*	1.33	1.30	0.68
	Other Products	0.42	0.89	0.74	0.36	0.18
Pollock	All Products	31.64	41.47	48.24	49.02	57.37
	Whole Fish	0.05	0.07	0.02	0.14	0.05
	Head And Gut	1.69	2.92	2.65	5.19	5.14
	Salted/Split	-	-	*	-	-
	Roe	0.53	0.89	0.55	0.64	0.81
	Fillets	2.70	3.85	3.03	2.72	3.23
	Other Products	1.56	1.99	1.33	1.55	1.96
Pacific Cod	All Products	6.54	9.72	7.58	10.24	11.20
	Head And Gut	8.90	11.97	9.88	8.97	9.20
	Other Products	0.60	0.41	0.54	1.11	1.34
Sablefish	All Products	9.50	12.38	10.43	10.08	10.54
	Head And Gut	0.47	0.43	0.26	0.17	0.53
	Other Products	*	*	*	*	-
Atka Mackerel	All Products	0.47	0.43	0.26	0.17	0.53
	Whole Fish	-	-	*	0.76	*
	Head And Gut	4.28	5.14	4.32	8.15	6.15
	Fillets	-	-	*	*	-
	Other Products	*	*	0.20	0.49	*
Arrowtooth	All Products	4.28	5.14	4.52	9.40	6.15
	Whole Fish	-	*	*	0.37	0.35
	Head And Gut	0.20	0.15	0.10	0.15	0.15
	Kirimi	-	-	*	-	-
	Other Products	*	*	*	*	*
Flathead Sole	All Products	0.20	0.15	0.10	0.52	0.50
	Whole Fish	0.21	0.45	0.28	0.44	0.47
	Head And Gut	0.00	*	*	*	0.02
	Fillets	*	-	*	-	-
	Other Products	*	*	0.00	*	*
Rex Sole	All Products	0.21	0.45	0.28	0.44	0.49

Table 4.34: Gulf of Alaska production of groundfish products by species, 2021-2025 (1,000 metric tons, product weight). *(continued)*

	Product	2021	2022	2023	2024	2025
	Whole Fish	-	0.04	0.28	0.59	*
	Head And Gut	0.69	0.31	0.19	0.27	0.45
	Kirimi	*	-	*	-	-
	Fillets	-	*	*	-	*
	Other	*	*	*	*	*
Shallow-Water	Products					
Flatfish	All Products	0.69	0.35	0.47	0.86	0.45
	Head And Gut	-	*	*	*	*
	Fillets	-	-	-	-	*
	Other	-	*	*	*	*
Deep-Water	Products					
Flatfish	All Products	-	*	*	*	*
	Whole Fish	2.88	1.12	4.64	1.78	2.50
	Head And Gut	12.07	12.50	10.98	11.35	12.42
	Other	0.35	1.18	0.80	0.72	0.14
Pacific Ocean	Products					
Perch	All Products	15.31	14.80	16.43	13.85	15.07
	Whole Fish	*	*	*	*	*
	Head And Gut	1.21	0.99	0.70	0.58	0.88
	Other	*	0.05	0.00	0.00	*
Northern	Products					
Rockfish	All Products	1.21	1.04	0.70	0.58	0.88
	Whole Fish	0.25	0.04	0.16	0.21	0.14
	Head And Gut	1.32	1.29	1.71	0.99	1.07
	Other	0.02	0.01	0.00	0.00	0.03
Dusky	Products					
Rockfish	All Products	1.59	1.34	1.88	1.21	1.24
	Whole Fish	0.27	0.30	0.21	0.15	0.15
	Head And Gut	0.46	0.43	0.37	0.26	0.26
	Other	0.07	0.12	0.10	0.07	0.07
	Products					
Other Rockfish	All Products	0.80	0.85	0.69	0.48	0.48
	Whole Fish	0.15	0.36	0.49	0.42	0.23
	Head And Gut	0.00	*	0.00	0.01	*
	Fillets	-	-	-	*	-
	Fishmeal	*	*	0.03	*	*
	Other	0.13	0.48	0.25	0.27	0.22
Other	Products					
Groundfish	All Products	0.29	0.84	0.77	0.70	0.44

Table 4.34: Gulf of Alaska production of groundfish products by species, 2021-2025 (1,000 metric tons, product weight). *(continued)*

	Product	2021	2022	2023	2024	2025
	Whole Fish	4.14	2.60	6.28	5.18	4.11
	Head And Gut	45.33	56.25	51.46	65.09	70.27
	Salted/Split	-	-	*	-	-
	Kirimi	*	-	*	-	-
	Roe	1.56	2.23	2.51	2.23	3.65
	Fillets	2.70	3.85	3.03	2.72	3.23
	Deep-Skin Fillets	*	*	*	*	*
	Other Fillets	8.65	11.77	13.19	9.75	11.86
	Surimi	5.93	6.48	9.59	5.43	5.73
	Minced Fish	0.76	0.66	0.95	1.28	1.87
	Fishmeal	0.50	*	1.36	1.30	0.68
	Other Products	3.16	5.13	3.97	4.57	3.95
All Species	All Products	72.74	88.97	92.34	97.55	105.35

Note: Total includes additional species not listed in the production details as well as confidential data from Tables 4.31 and 4.32. These estimates are for catch from both federal and state of Alaska fisheries. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.35: Gulf of Alaska gross value of groundfish products by species, 2021-2025, ($ million).

	Product	2021	2022	2023	2024	2025
	Whole Fish	0.40	0.30	0.30	0.30	0.30
	Head And Gut	14.30	30.10	23.40	37.40	46.90
	Roe	4.20	8.70	11.50	6.80	8.00
	Deep-Skin Fillets	*	*	*	*	*
	Other Fillets	29.40	54.60	52.60	28.50	44.00
	Surimi	16.90	22.30	22.10	8.20	12.30
	Minced Fish	1.50	2.60	2.00	1.80	3.30
	Fishmeal	0.90	*	2.90	2.30	0.90
	Other Products	1.00	1.10	1.40	0.60	0.70
Pollock	All Products	68.70	119.80	116.20	85.90	116.30
	Whole Fish	0.10	0.10	0.00	0.20	0.10
	Head And Gut	5.80	11.30	10.20	19.90	28.70
	Salted/Split	-	-	*	-	-
	Roe	1.30	3.00	1.80	2.30	2.80
	Fillets	27.00	46.80	33.40	26.10	38.00
	Other Products	3.10	5.30	4.30	4.00	4.20
Pacific Cod	All Products	37.30	66.50	49.70	52.40	73.80
	Head And Gut	87.70	131.70	73.90	76.60	95.40
	Other Products	6.90	3.90	6.50	10.10	20.30
Sablefish	All Products	94.60	135.70	80.40	86.70	115.70
	Head And Gut	1.30	1.00	0.60	0.40	1.50
	Other Products	*	*	*	*	-
Atka Mackerel	All Products	1.30	1.00	0.60	0.40	1.50
	Whole Fish	-	-	*	0.80	*
	Head And Gut	5.20	9.50	8.10	16.30	13.70
	Fillets	-	-	*	*	-
	Other Products	*	*	0.40	0.80	*
Arrowtooth	All Products	5.20	9.50	8.50	17.90	13.70
	Whole Fish	-	*	*	0.40	0.40
	Head And Gut	0.30	0.20	0.10	0.20	0.20
	Kirimi	-	-	*	-	-
	Other Products	*	*	*	*	*
Flathead Sole	All Products	0.30	0.20	0.10	0.60	0.70
	Whole Fish	0.20	0.60	0.40	0.80	0.70
	Head And Gut	0.00	*	*	*	0.00
	Fillets	*	-	*	-	-
	Other Products	*	*	0.00	*	*
Rex Sole	All Products	0.20	0.60	0.50	0.80	0.70

Table 4.35: Gulf of Alaska gross value of groundfish products by species, 2021-2025, ($ million). *(continued)*

	Product	2021	2022	2023	2024	2025
	Whole Fish	-	0.00	0.40	0.70	*
	Head And Gut	1.40	0.40	0.30	0.40	0.70
	Kirimi	*	-	*	-	-
	Fillets	-	*	*	-	*
	Other	*	*	*	*	*
Shallow-Water	Products					
Flatfish	All Products	1.40	0.50	0.70	1.10	0.70
	Head And Gut	-	*	*	*	*
	Fillets	-	-	-	-	*
	Other	-	*	*	*	*
Deep-Water	Products					
Flatfish	All Products	-	*	*	*	*
	Whole Fish	2.60	1.70	6.80	2.00	3.70
	Head And Gut	24.20	30.90	23.80	26.60	34.30
	Other	2.30	3.40	3.30	2.20	0.60
Pacific Ocean	Products					
Perch	All Products	29.20	35.90	34.00	30.80	38.60
	Whole Fish	*	*	*	*	*
	Head And Gut	1.80	1.90	1.20	1.00	2.00
	Other	*	0.00	0.00	0.00	*
Northern	Products					
Rockfish	All Products	1.80	1.90	1.20	1.00	2.00
	Whole Fish	0.30	0.10	0.20	0.30	0.20
	Head And Gut	2.50	2.80	2.60	1.60	2.00
	Other	0.20	0.10	0.00	0.00	0.30
Dusky	Products					
Rockfish	All Products	2.90	3.00	2.90	1.90	2.40
	Whole Fish	0.90	1.10	0.80	0.60	0.70
	Head And Gut	1.10	1.20	0.90	0.70	0.60
	Other	0.90	1.60	1.10	0.70	0.70
	Products					
Other Rockfish	All Products	2.90	3.90	2.80	2.10	2.10
	Whole Fish	0.50	0.90	1.00	0.80	0.40
	Head And Gut	0.00	*	0.00	0.00	*
	Fillets	-	-	-	*	-
	Fishmeal	*	*	0.10	*	*
	Other	0.50	1.40	0.80	1.40	0.90
Other	Products					
Groundfish	All Products	1.00	2.30	1.90	2.20	1.30

Note: Total includes additional species not listed in the production details as well as confidential data from Tables 4.31 and 4.32. These estimates are for catch from both federal and state of Alaska fisheries. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.36: Gulf of Alaska price per pound of groundfish products by species, 2021-2025, ($/lb).

	Product	2021	2022	2023	2024	2025
	Whole Fish	0.52	0.62	0.75	0.39	0.61
	Head And Gut	0.46	0.68	0.52	0.58	0.63
	Roe	1.88	2.94	2.66	1.94	1.27
	Deep-Skin Fillets	*	*	*	*	*
	Other Fillets	1.54	2.10	1.81	1.33	1.68
	Surimi	1.29	1.56	1.05	0.68	0.97
	Minced Fish	0.87	1.81	0.96	0.65	0.79
	Fishmeal	0.82	*	0.98	0.81	0.62
	Other Products	1.12	0.56	0.86	0.73	1.85
Pollock	All Products	0.98	1.31	1.09	0.79	0.92
	Whole Fish	0.80	0.59	0.49	0.68	0.79
	Head And Gut	1.55	1.76	1.75	1.74	2.53
	Roe	1.12	1.53	1.48	1.61	1.59
	Fillets	4.53	5.52	5.00	4.36	5.33
	Other Products	0.91	1.20	1.48	1.16	0.97
Pacific Cod	All Products	2.59	3.11	2.98	2.32	2.99
	Head And Gut	4.47	4.99	3.39	3.87	4.70
	Other Products	5.25	4.36	5.43	4.13	6.85
Sablefish	All Products	4.52	4.97	3.50	3.90	4.98
	Head And Gut	1.25	1.03	1.08	1.09	1.28
	Other Products	*	*	*	*	-
Atka Mackerel	All Products	1.25	1.03	1.08	1.09	1.28
	Whole Fish	-	-	*	0.50	*
	Head And Gut	0.55	0.83	0.85	0.91	1.01
	Fillets	-	-	*	*	-
	Other Products	*	*	0.97	0.70	*
Arrowtooth	All Products	0.55	0.83	0.85	0.86	1.01
	Whole Fish	-	*	*	0.47	0.53
	Head And Gut	0.76	0.72	0.64	0.66	0.73
	Other Products	*	*	*	*	*
Flathead Sole	All Products	0.76	0.72	0.64	0.52	0.59
	Whole Fish	0.51	0.65	0.72	0.78	0.69
	Head And Gut	0.58	*	*	*	0.71
	Fillets	*	-	*	-	-
	Other Products	*	*	0.97	*	*
Rex Sole	All Products	0.51	0.65	0.72	0.78	0.69

Table 4.36: Gulf of Alaska price per pound of groundfish products by species, 2021-2025, ($/lb). *(continued)*

	Product	2021	2022	2023	2024	2025
	Whole Fish	-	0.45	0.59	0.56	*
	Head And Gut	0.91	0.60	0.72	0.67	0.72
	Fillets	-	*	*	-	*
	Other	*	*	*	*	*
Shallow-Water	Products					
Flatfish	All Products	0.91	0.58	0.64	0.60	0.72
	Head And Gut	-	*	*	*	*
	Fillets	-	-	-	-	*
	Other	-	*	*	*	*
Deep-Water	Products					
Flatfish	All Products	-	*	*	*	*
	Whole Fish	0.42	0.67	0.67	0.50	0.67
	Head And Gut	0.91	1.12	0.98	1.06	1.25
	Other	2.98	1.29	1.88	1.36	1.76
Pacific Ocean	Products					
Perch	All Products	0.86	1.10	0.94	1.01	1.16
	Whole Fish	*	*	*	*	*
	Head And Gut	0.67	0.86	0.78	0.76	1.04
	Other	*	0.25	1.65	1.43	*
Northern	Products					
Rockfish	All Products	0.67	0.83	0.79	0.77	1.04
	Whole Fish	0.48	0.74	0.64	0.54	0.67
	Head And Gut	0.85	0.99	0.70	0.74	0.83
	Other	3.76	5.50	2.31	3.07	3.50
Dusky	Products					
Rockfish	All Products	0.84	1.01	0.69	0.71	0.89
	Whole Fish	1.55	1.74	1.68	1.89	2.14
	Head And Gut	1.08	1.29	1.08	1.27	1.15
	Other	5.53	6.02	5.00	4.57	4.48
	Products					
Other Rockfish	All Products	1.65	2.10	1.84	1.95	1.96
	Whole Fish	1.66	1.15	0.90	0.86	0.89
	Head And Gut	2.12	*	0.78	0.71	*
	Fillets	-	-	-	*	-
	Fishmeal	*	0.60	0.95	0.68	*
	Other	1.60	1.34	1.55	2.36	1.83
Other	Products					
Groundfish	All Products	1.64	1.24	1.11	1.40	1.35

Note: These estimates are based on data from both federal and state of Alaska fisheries. Prices based on confidential data have been excluded. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; and ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.37: Gulf of Alaska total product value per round metric ton of retained catch by species and year, 2021-2025, ($/mt).

	2021	2022	2023	2024	2025
Pollock	710	925	888	705	867
Sablefish	6,185	7,148	4,875	5,031	6,260
Pacific Cod	2,097	2,746	2,505	2,158	2,904
Flatfish	689	875	1,023	1,045	1,109
Rockfish	1,040	1,282	1,155	1,221	1,372
Atka Mackerel	1,552	1,181	1,394	1,154	1,678
Other	3,485	5,591	4,074	4,467	1,833

Note: These estimates include the product value of catch from both federal and state of Alaska fisheries. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea and Shoreside Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Alaska Region Blend and Catch-accounting System estimates. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.38: Gulf of Alaska number of processors, gross product value, value per processor, and percent value of GOA FMP groundfish of processed groundfish by processor group, 2021-2025 ($ millions).

		Processors	Wholesale Value ($million)	Wholesale Value per Processor ($1,000)	Percent Value, GOA FMP Groundfish
	2021	7	27.58	3,939.59	8.61
Central	2022	8	38.38	4,797.01	7.48
and	2023	8	30.10	3,762.48	7.58
Western	2024	8	36.14	4,517.20	10.07
Gulf Trawl	2025	7	40.36	5,765.81	10.35
	2021	5	3.28	655.13	1.02
	2022	9	6.13	680.92	1.20
	2023	7	5.05	721.06	1.27
CP Hook	2024	7	5.42	773.97	1.51
and Line	2025	6	6.08	1,013.68	1.56
	2021	5	5.26	1,051.81	1.64
	2022	7	7.75	1,106.61	1.51
	2023	5	4.71	941.62	1.19
Sablefish	2024	4	4.33	1,083.56	1.21
IFQ	2025	3	4.58	1,527.64	1.18
	2021	2	*	*	*
Motherships	2022	3	98.89	32,964.50	19.28
& Inshore	2023	2	*	*	*
Floating	2024	2	*	*	*
Procs.	2025	1	*	*	*
	2021	6	113.87	18,977.51	35.57
	2022	5	176.33	35,266.76	34.39
Kodiak	2023	5	142.41	28,481.82	35.85
Shoreside	2024	5	146.79	29,358.66	40.89
Procs.	2025	6	197.85	32,975.15	50.74
	2021	8	27.89	3,485.68	8.71
Southcentral	2022	11	48.66	4,423.78	9.49
Gulf	2023	10	34.82	3,481.96	8.76
Shoreside	2024	9	25.80	2,866.98	7.19
Procs.	2025	8	40.30	5,037.56	10.34
	2021	17	36.71	2,159.61	11.47
Southeastern	2022	17	49.18	2,892.73	9.59
Gulf	2023	13	32.23	2,478.92	8.11
Shoreside	2024	13	32.64	2,510.52	9.09
Procs.	2025	12	42.54	3,544.74	10.91
	2021	3	54.20	18,065.70	16.93
Western	2022	2	*	*	*
Gulf	2023	3	59.73	19,908.50	15.03
Shoreside	2024	1	*	*	*
Procs.	2025	2	*	*	*

Note: The data are for catch from both federal and state of Alaska fisheries. The processor groups are defined as follows: "Western and Central Gulf Trawl" are the processors in the Western and Central Gulf. "CP Hook and Line" are the hook and line catcher processors. "Sablefish IFQ" are processors processing sablefish IFQ. Values are not adjusted for inflation.
Source: ADF&G Commercial Operators Annual Reports (COAR); and ADF&G Intent to Operate (ITO) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.39: Gulf of Alaska number of vessels, average and median length, and average and median capacity (tonnage) of vessels that caught groundfish by vessel type, and gear, 2021-2025.

		Vessels	Average Length (feet)	Median Length (feet)	Average Capacity (tons)	Median Capacity (tons)
	2021	67	93	90	135	103
Central	2022	67	94	90	129	106
and	2023	64	93	90	127	103
Western	2024	65	88	87	131	93
Gulf Trawl	2025	54	92	88	132	105
	2021	36	44	43	27	24
	2022	34	42	42	27	24
	2023	30	40	41	24	24
CV Hook	2024	29	42	43	26	24
and Line	2025	35	43	44	26	24
	2021	2	158	157.50	418	417.50
	2022	7	142	150	385	315
	2023	5	132	121.50	246	133
CP Hook	2024	4	144	134.50	383	224
and Line	2025	6	136	124	276	133
	2021	245	58	58	52	42
	2022	247	59	58	52	43
	2023	254	59	58	52	41
Sablefish	2024	224	58	57	57	41
IFQ	2025	228	59	58	56	41
	2021	64	61	58	64	52
	2022	77	61	58	63	52
	2023	72	60	58	57	52
	2024	55	62	58	64	52
Pot	2025	78	58	58	57	49
	2021	96	38	38	21	15
	2022	78	40	38	16	16
	2023	123	39	38	16	16
	2024	80	41	42	17	19
Jig	2025	112	40	41	18	19
	2021	3	62	68	45	24
	2022	2	57	68	15	18
	2023	1	34	34	8	8
No Fleet/	2024	1	46	46	35	35
Other	2025	6	47	46	3,421	32

Note: These estimates include only vessels fishing part of federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; CFEC gross earnings (fish tickets) file; NMFS Alaska Region groundfish observer data; NMFS Alaska Region permit data; CFEC vessel registration file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.40: Gulf of Alaska number of vessels that caught groundfish by month, vessel type, and gear, 2021-2025.

	Gear	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
		2021	31	44	93	116	134	60	50	40	58	85	50	29	280
		2022	8	33	87	107	102	44	27	37	66	57	47	25	257
	Hook	2023	17	34	100	127	92	63	47	50	59	46	21	7	292
	and	2024	3	20	77	86	94	63	38	54	56	48	44	14	238
	Line	2025	24	69	124	109	67	51	29	43	32	45	30	15	261
		2021	30	23	52	63	87	57	39	33	60	80	55	27	206
		2022	20	35	94	97	103	71	37	42	80	83	57	28	236
		2023	20	26	96	112	108	70	37	51	81	56	25	4	241
		2024	10	27	77	78	83	62	39	58	77	67	36	10	198
	Pot	2025	19	31	101	94	94	56	39	48	71	71	39	9	225
		2021	17	51	45	19	16	12	5	-	48	35	13	-	60
		2022	17	52	43	34	17	14	3	3	48	45	8	-	59
		2023	22	45	42	30	19	17	2	1	44	38	16	-	56
		2024	17	44	48	37	10	10	3	1	44	38	25	-	57
	Trawl	2025	9	40	44	30	21	12	1	1	30	29	21	-	47
		2021	77	116	169	169	204	111	77	61	152	168	101	49	431
		2022	45	119	203	199	187	117	58	68	169	159	92	45	436
		2023	59	104	218	234	192	136	76	86	160	123	56	10	474
Catcher	All	2024	30	90	174	171	162	115	69	92	153	134	91	23	385
Vessels	Gear	2025	52	139	234	212	155	106	58	77	121	129	85	21	429
		2021	-	3	2	1	-	-	2	1	1	2	3	-	5
		2022	1	1	2	1	1	1	1	1	1	2	3	1	9
	Hook	2023	1	2	2	1	1	1	-	1	1	-	4	2	7
	and	2024	-	1	3	1	2	2	-	2	2	1	1	1	7
	Line	2025	-	2	1	-	2	1	-	1	2	1	-	1	7
		2021	-	-	-	-	2	2	-	-	-	1	1	-	3
		2022	-	-	1	1	-	2	1	1	1	2	-	-	6
		2023	-	-	1	1	-	1	1	3	1	-	-	-	4
		2024	-	-	-	-	-	1	1	2	2	1	1	1	2
	Pot	2025	-	-	1	1	1	1	1	1	1	-	-	-	2
		2021	-	-	-	-	1	5	6	6	3	2	1	1	7
		2022	-	-	-	2	2	6	7	6	3	1	-	-	8
		2023	-	-	-	1	1	4	7	5	1	-	-	-	8
		2024	-	-	1	1	1	5	7	4	1	1	1	-	8
	Trawl	2025	-	-	-	-	1	5	6	4	2	-	-	-	7
		2021	-	3	2	1	3	7	8	7	4	5	5	1	14
		2022	1	1	3	4	3	8	9	7	4	5	3	1	21
		2023	1	2	3	3	2	6	8	8	2	-	4	2	18
Catcher	All	2024	-	1	4	2	3	7	8	6	4	3	3	2	15
Processors	Gear	2025	-	2	2	1	4	7	7	5	5	1	-	1	15

Note: These estimates include only vessels fishing part of federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; CFEC gross earnings (fish tickets) file; NMFS Alaska Region groundfish observer data; NMFS Alaska Region permit data; CFEC vessel registration file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.41: Gulf of Alaska catcher vessel (excluding catcher/processors) weeks of fishing groundfish by vessel-length class (feet), gear, and target, 2021-2025.

		Hook & Line		Pot		Trawl		All Gear	
	Year	<60ft	60-124ft	<60ft	60-124ft	<60ft	60-124ft	<60ft	60-124ft
	2021	-	-	-	-	82	463	82	463
	2022	-	-	-	-	107	516	107	516
	2023	-	-	-	-	126	485	126	485
	2024	-	-	-	-	210	388	210	388
Pollock	2025	-	-	-	-	84	417	84	417
	2021	727	47	785	316	-	10	1,513	373
	2022	466	36	1,041	352	-	14	1,506	402
	2023	394	33	956	333	-	11	1,350	377
	2024	410	17	879	299	1	6	1,289	322
Sablefish	2025	323	18	920	301	-	11	1,244	330
	2021	528	8	223	37	58	8	809	53
	2022	443	2	251	59	39	35	733	96
	2023	612	4	187	47	30	11	829	62
Pacific	2024	470	5	147	58	35	63	652	126
Cod	2025	641	1	305	55	24	28	970	84
	2021	-	-	-	-	-	1	-	1
	2022	-	-	-	-	-	3	-	3
	2023	1	-	-	-	-	15	1	15
	2024	0	-	-	-	-	48	0	48
Flatfish	2025	-	-	-	-	-	44	-	44
	2021	109	-	-	-	3	116	113	116
	2022	79	-	-	-	5	80	84	80
	2023	106	-	-	-	4	93	110	93
	2024	92	-	-	-	2	69	95	69
Rockfish	2025	117	-	-	-	3	83	120	83
	2021	1,366	55	1,010	353	142	599	2,518	1,007
	2022	993	38	1,291	411	152	648	2,436	1,097
	2023	1,114	37	1,143	380	160	616	2,417	1,033
All	2024	974	22	1,026	357	249	575	2,248	953
Groundfish	2025	1,084	18	1,226	356	110	583	2,420	957

Note: These estimates include only vessels fishing part of federal TACs. A vessel that fished more than one category in a week is apportioned a partial week based on catch weight. A target is determined based on vessel, week, processing mode, NMFS area, and gear. All groundfish include additional target categories. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; CFEC gross earnings (fish tickets) file; NMFS Alaska Region groundfish observer data; NMFS Alaska Region permit data; CFEC vessel registration file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.42: Gulf of Alaska catcher/processor vessel weeks of fishing groundfish by vessel-length class (feet), gear, and target, 2021-2025.

		Hook & Line			Pot		Trawl			All Gear			
	Year	<60ft	60-124ft	125-230ft	<60ft	125-230ft	60-124ft	125-230ft	>230ft	<60ft	60-124ft	125-230ft	>230ft
	2021	-	-	-	-	-	1	0	-	-	1	0	-
	2022	-	-	-	-	-	-	0	-	-	-	0	-
Pollock	2024	-	-	-	-	-	-	0	-	-	-	0	-
	2021	9	-	7	-	17	-	-	-	9	-	24	-
	2022	7	-	7	4	15	-	-	-	11	-	22	-
	2023	13	-	2	1	16	-	-	-	14	-	18	-
	2024	8	-	5	5	15	-	-	-	13	-	20	-
Sablefish	2025	7	-	-	5	15	-	-	-	12	-	15	-
	2021	-	-	11	-	-	-	-	-	-	-	11	-
	2022	-	4	10	-	-	-	-	-	-	4	10	-
	2023	-	10	6	-	-	-	-	-	-	10	6	-
Pacific	2024	-	8	7	-	-	-	-	-	-	8	7	-
Cod	2025	-	9	8	-	-	-	-	-	-	9	8	-
	2021	-	-	-	-	-	22	11	3	-	22	11	3
	2022	-	-	-	-	-	20	11	5	-	20	11	5
	2023	-	-	-	-	-	-	11	2	-	-	11	2
	2024	-	-	-	-	-	10	12	5	-	10	12	5
Flatfish	2025	-	-	-	-	-	-	11	5	-	-	11	5
	2021	-	-	-	-	-	2	40	7	-	2	40	7
	2022	-	-	-	-	-	-	35	8	-	-	35	8
	2023	-	-	-	-	-	-	30	8	-	-	30	8
	2024	-	-	-	-	-	-	27	7	-	-	27	7
Rockfish	2025	-	-	-	-	-	-	23	8	-	-	23	8
	2021	9	-	18	-	17	25	51	10	9	25	86	10
	2022	7	4	17	4	15	20	46	13	11	24	77	13
	2023	13	10	10	1	16	-	42	10	14	10	67	10
All	2024	8	8	12	5	15	10	39	12	13	18	67	12
Groundfish	2025	7	9	8	5	15	-	34	13	12	9	57	13

Note: These estimates include only vessels fishing part of federal TACs. A vessel that fished more than one category in a week is apportioned a partial week based on catch weight. A target is determined based on vessel, week, processing mode, NMFS area, and gear. All groundfish include additional target categories. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Blend and Catch-accounting System estimates; NMFS Alaska Region At-sea Production Reports; ADF&G Commercial Operators Annual Reports (COAR); and NMFS Office of Science and Technology, Fisheries Statistics Division, Fisheries of the United States. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.43: Gulf of Alaska catcher vessel crew weeks in the groundfish fisheries by month, 2021-2025.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	467	966	1,390	1,118	1,740	793	584	503	1,208	1,882	774	223	11,646
2022	264	1,003	1,536	1,744	1,368	957	522	608	1,742	1,722	675	260	12,402
2023	308	764	1,629	1,776	1,522	951	528	562	1,608	1,148	372	41	11,209
2024	160	770	1,680	1,221	1,028	836	414	800	1,610	1,332	683	83	10,620
2025	367	990	1,904	1,244	1,376	707	387	712	1,152	1,178	696	61	10,774

Note: Crew weeks are calculated by summing weekly reported crew size over vessels and time period. These estimates include only vessels targeting groundfish counted toward federal TACs. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea Production Reports. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.44: Gulf of Alaska at-sea processor vessel crew weeks in the groundfish fisheries by month, 2021-2025.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	-	72	*	*	126	609	1,164	408	294	250	205	*	3,128
2022	*	*	128	209	217	666	1,129	574	226	237	172	*	3,558
2023	*	*	107	56	*	645	1,211	510	*	*	109	*	2,638
2024	-	*	163	*	129	885	955	579	226	149	238	*	3,324
2025	-	*	115	*	135	928	950	354	268	*	-	*	2,750

Note: Crew weeks are calculated by summing weekly reported crew size over vessels and time period. These estimates include only vessels targeting groundfish counted toward federal TACs. Catcher processors typically account for 90-95% of the total at-sea crew weeks in all areas. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region At-sea Production Reports. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

4.4 Economic Data Tables for the Commercial Pacific Halibut Fishery

Table 4.45: Catch (net landed weight) in the commercial Pacific halibut fisheries off Alaska by region, 2021-2025, (hundreds of metric tons).

	Gulf of Alaska	Bering Sea and Aleutian Islands	All Alaska
2021	76.66	13.58	90.24
2022	78.58	13.22	91.80
2023	68.03	10.30	78.33
2024	65.64	6.57	72.21
2025	54.02	4.43	58.45

Note: These estimates include catch from all Alaska commercial fisheries (including CDQ). Net weight is dressed, head-off, slime and ice deducted. "*" indicates a confidential value; "-"indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.46: Catch (net landed weight) and percent of regional catch in the commercial Pacific halibut fisheries off Alaska by vessel length (feet) and region, 2021-2025, (hundreds of metric tons).

		Gulf of Alaska		Bering Sea and Aleutian Islands		All Alaska	
	Length	Net tons	Percent	Net tons	Percent	Net tons	Percent
	<20	0.07	-	*	*	0.07	-
	20-29	2.19	0.03	*	*	2.19	0.03
	30-39	13.42	0.18	0.44	0.07	13.86	0.17
	40-49	28.68	0.37	2.21	0.33	30.89	0.37
	50-59	23.04	0.30	*	*	23.04	0.28
2021	>=60	9.13	0.12	4.08	0.61	13.21	0.16
	<20	0.05	-	*	*	0.05	-
	20-29	1.78	0.02	*	*	1.78	0.02
	30-39	13.01	0.17	0.22	0.02	13.23	0.14
	40-49	29.68	0.38	1.71	0.13	31.38	0.34
	50-59	23.97	0.31	6.81	0.52	30.78	0.34
2022	>=60	9.94	0.13	4.37	0.33	14.31	0.16
	<20	0.02	-	*	*	0.02	-
	20-29	1.42	0.02	*	*	1.42	0.02
	30-39	11.20	0.17	0.06	0.01	11.26	0.14
	40-49	27.09	0.40	1.32	0.13	28.41	0.36
	50-59	19.53	0.29	5.34	0.53	24.88	0.32
2023	>=60	8.57	0.13	3.39	0.34	11.96	0.15
	<20	0.03	-	*	*	0.03	-
	20-29	1.21	0.02	0.13	0.02	1.34	0.02
	30-39	10.23	0.16	0.91	0.14	11.14	0.15
	40-49	26.91	0.41	0.55	0.08	27.46	0.38
	50-59	19.45	0.30	3.00	0.46	22.45	0.31
2024	>=60	7.62	0.12	1.93	0.30	9.55	0.13
	<20	*	*	*	*	-	-
	20-29	1.13	0.02	*	*	1.13	0.02
	30-39	10.43	0.19	1.06	0.39	11.50	0.20
	40-49	22.77	0.42	*	*	22.77	0.40
	50-59	13.50	0.25	1.69	0.61	15.19	0.27
2025	>=60	5.93	0.11	*	*	5.93	0.10

Note: Excludes vessels in the Annette Island commercial Pacific halibut fishery. These estimates include catch from all Alaska commercial fisheries (including CDQ). Net weight is dressed, head-off, slime and ice deducted. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.47: Non-halibut prohibited species catch on commercial Pacific halibut target trips off Alaska by PSC species and area, 2021-2025.

	Year	Chinook Salmon (Count)	Non-Chinook Salmon (Count)	Herring (Tons)	Bairdi Tanner Crab (Count)	Opilio Tanner (Snow) Crab (Count)	Red King Crab (Count)	Other King Crab (Count)
	2021	-	21	-	76	-	*	572
	2022	-	66	-	89	-	-	2
	2023	-	158	-	32	-	-	140
Gulf of	2024	-	223	-	10	-	-	46
Alaska	2025	-	-	-	2	-	-	9
	2021	-	-	-	32	147	20	22
Bering Sea	2022	-	-	*	28	34	12	88
and	2023	-	*	*	7	32	23	424
Aleutian	2024	*	*	*	49	38	10	223
Islands	2025	*	*	*	*	*	*	18

Note: These estimates include catch from all Alaska commercial fisheries (including CDQ). For details on prohibited species catch estimation see Cahalan, J., J. Gasper, and J. Mondragon. 2014. Catch sampling and estimation in the federal groundfish fisheries off Alaska, 2015 edition. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-286, 46 p. "*" indicates a confidential value; "-"indicates no applicable data or value.
Source: NMFS Alaska Regional Office Prohibited Species Catch database. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.48: Ex-vessel value and price in the commercial Pacific halibut fisheries off Alaska by region, 2021-2025, ($ millions and $/lb net weight, respectively).

	Gulf of Alaska		Bering Sea and Aleutian Islands		All Alaska	
	Value	Price	Value	Price	Value	Price
2021	110.51	$ 6.54	17.68	$ 5.91	128.20	$ 6.44
2022	126.98	$ 7.33	20.83	$ 7.14	147.81	$ 7.30
2023	82.61	$ 5.51	11.32	$ 4.98	93.92	$ 5.44
2024	81.04	$ 5.60	6.08	$ 4.20	87.12	$ 5.47
2025	91.72	$ 7.70	6.53	$ 6.69	98.24	$ 7.62

Note: These estimates include catch from all Alaska commercial fisheries (including CDQ). Price is calculated as landed value divided by net weight. Values are not adjusted for inflation. Net weight is dressed, head-off, slime and ice deducted. "*" indicates a confidential value; "-"indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.49: Ex-vessel value and price in the commercial Pacific halibut fisheries off Alaska by IPHC area, 2021-2025, ($ millions and $/lb net weight, respectively).

Area		2021	2022	2023	2024	2025
	Value	27.28	30.12	21.68	21.39	23.03
2C	Price	6.34	7.33	5.83	5.77	7.44
	Value	65.57	73.80	46.14	46.24	51.88
3A	Price	6.66	7.37	5.48	5.64	7.80
	Value	12.13	17.26	11.86	10.97	12.91
3B	Price	6.66	7.23	5.24	5.41	7.99
	Value	9.28	10.09	5.08	3.45	5.16
4A	Price	5.89	7.10	4.96	4.38	6.96
	Value	4.93	-	2.22	1.33	-
4B	Price	5.88	-	4.98	4.18	-
	Value	9.01	12.25	6.94	3.74	3.88
4CDE	Price	5.95	7.18	4.98	4.20	6.74

Note: Values and prices are for catch from all Alaska commercial fisheries (including CDQ). Price is calculated as landed value divided by net weight. Values are not adjusted for inflation. Net weight is dressed, head-off, slime and ice deducted. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.50: Ex-vessel value and average annual revenue per vessel in the commercial Pacific halibut fisheries off Alaska by region and vessel length (feet), 2021-2025, ($ millions and $ thousands, respectively).

		Gulf of Alaska		Bering Sea and Aleutian Islands		All Alaska	
	Length	Value	Avg. Value/Vessel	Value	Avg. Value/Vessel	Value	Avg. Value/Vessel
	<20	0.09	6.51	*	*	0.25	11.81
	20-29	3.13	44.03	*	*	3.18	40.27
	30-39	19.16	82.59	0.58	34.19	19.74	82.26
	40-49	41.34	175.16	2.83	235.53	44.16	184.78
	50-59	33.10	266.92	*	*	41.69	328.26
2021	>=60	13.50	385.85	5.47	341.99	18.98	499.38
	<20	0.07	6.14	*	*	0.27	13.29
	20-29	2.91	37.36	*	*	2.92	36.49
	30-39	21.26	93.25	0.34	24.56	21.60	92.72
	40-49	48.15	201.47	2.67	157.13	50.82	210.89
	50-59	38.31	299.32	10.74	565.10	49.05	380.24
2022	>=60	16.01	421.34	6.88	430.03	22.89	558.33
	<20	0.03	2.86	*	*	0.25	14.10
	20-29	1.78	29.73	*	*	1.82	29.83
	30-39	13.70	63.15	0.08	7.33	13.78	61.53
	40-49	33.04	143.02	1.44	89.96	34.48	147.97
	50-59	23.47	190.84	5.81	322.71	29.28	230.57
2023	>=60	10.35	295.71	3.73	248.61	14.08	370.50
	<20	0.04	5.11	*	*	0.12	9.22
	20-29	1.50	22.43	0.13	14.90	1.64	21.83
	30-39	12.64	62.56	0.84	76.78	13.48	63.89
	40-49	33.43	159.19	0.51	56.73	33.94	160.85
	50-59	23.81	218.42	2.72	226.95	26.53	239.02
2024	>=60	9.39	302.88	1.79	162.41	11.18	328.70
	<20	*	*	*	*	0.16	10.38
	20-29	1.88	27.99	*	*	1.97	28.53
	30-39	17.96	88.48	1.61	123.95	19.57	92.32
	40-49	38.56	180.20	*	*	39.12	181.95
	50-59	22.58	232.77	2.44	222.16	25.02	252.75
2025	>=60	10.30	367.92	*	*	11.99	413.45

Note: Values are for catch from all Alaska commercial fisheries (including CDQ). Excludes vessels in the Annette Island commercial Pacific halibut fishery. Length is measured in feet. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.51: First wholesale production volume, value and price in the commercial Pacific halibut fisheries off Alaska by product, 2021-2025, (1000s of metric tons, $ millions and $/lb net weight, respectively).

Product		Price	Quantity	Value
	2021	$ 8.35	5.27	97.07
	2022	$ 9.19	5.10	103.25
	2023	$ 7.14	4.40	69.28
Head and	2024	$ 7.27	4.15	66.53
Gut	2025	$ 9.55	3.25	68.50
	2021	$ 14.45	1.66	52.81
	2022	$ 16.14	1.68	59.90
	2023	$ 13.31	1.31	38.37
	2024	$ 13.29	0.93	27.23
Fillet	2025	$ 18.49	0.98	40.02
	2021	$ 2.32	0.61	3.12
	2022	$ 2.31	0.45	2.32
	2023	$ 2.10	0.40	1.86
Other	2024	$ 4.00	0.29	2.57
Products	2025	$ 3.30	0.20	1.47
	2021	$ 9.21	7.54	153.01
	2022	$ 10.38	7.23	165.46
	2023	$ 8.13	6.11	109.51
All	2024	$ 8.13	5.37	96.32
Products	2025	$ 11.24	4.44	109.99

Note: Landings, values and prices for catch from all Alaska commercial fisheries (including CDQ). Price is calculated as landed value divided by net weight. Net weight is dressed, head-off, slime and ice deducted. Values are not adjusted for inflation. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: NMFS Alaska Region Production Reports. ADF&G Commercial Operators Annual Reports (COAR). Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.52: Number of vessels catching Pacific halibut commercially off Alaska and median vessel length by region and vessel length class, 2021-2025.

Class	Year	Gulf of Alaska		Bering Sea and Aleutian Islands		All Alaska	
		Vessels	Median Length	Vessels	Median Length	Vessels	Median Length
	2021	14	18	7	18	21	18
	2022	12	18	8	18	20	18
	2023	10	17	8	18	18	18
	2024	8	18	5	18	13	18
<20	2025	7	18	8	18	15	18
	2021	71	26	8	28	79	26
	2022	78	26	2	27	80	26
	2023	60	26	2	27	61	26
	2024	67	26	9	25	75	26
20-29	2025	67	26	3	28	69	26
	2021	232	34	17	32	240	34
	2022	228	33	14	32	233	33
	2023	217	33	11	32	224	33
	2024	202	33	11	32	211	33
30-39	2025	203	33	13	32	212	33
	2021	236	45	12	48	239	45
	2022	239	45	17	48	241	45
	2023	231	45	16	48	233	45
	2024	210	45	9	47	211	45
40-49	2025	214	45	6	47	215	45
	2021	124	58	22	58	127	58
	2022	128	58	19	58	129	58
	2023	123	58	18	58	127	58
	2024	109	58	12	58	111	58
50-59	2025	97	58	11	58	99	58
	2021	35	74	16	75	38	74
	2022	38	73	16	75	41	74
	2023	35	75	15	76	38	76
	2024	31	76	11	76	34	77
>=60	2025	28	75	9	76	29	76

Note: Excludes vessels in the Annette Island commercial Pacific halibut fishery. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.53: Total vessel days fishing Pacific halibut commercially off Alaska by area, 2021-2025.

	Gulf of Alaska	Bering Sea and Aleutian Islands	All Alaska
2021	13,578	2,060	15,227
2022	15,219	2,007	16,783
2023	15,048	1,834	16,504
2024	14,384	1,299	15,483
2025	12,746	960	13,541

Note: Excludes vessels in the Annette Island commercial Pacific halibut fishery. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Table 4.54: Crew days fishing Pacific halibut commercially off Alaska by month and area, 2021-2025.

Area	Year	Mar-Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	2021	7,686	6,938	5,120	4,329	5,443	5,650	5,567	3,364
	2022	8,620	8,193	5,029	4,769	7,725	8,001	5,723	3,521
	2023	9,176	8,245	5,461	5,355	6,966	8,274	5,999	1,899
Gulf of	2024	8,978	6,491	4,975	5,086	8,116	6,491	4,686	2,776
Alaska	2025	6,744	6,696	5,366	4,123	6,236	5,688	3,948	2,051
	2021	294	873	1,119	1,271	1,986	1,864	1,086	423
Bering Sea	2022	262	725	893	1,757	2,131	1,895	881	152
and	2023	357	458	591	1,599	2,110	1,461	1,012	365
Aleutian	2024	144	233	254	1,420	1,342	1,243	685	178
Islands	2025	-	72	306	1,314	1,079	665	349	110
	2021	7,956	7,791	6,120	5,329	7,155	7,086	6,352	3,513
	2022	8,797	8,751	5,709	6,281	9,499	9,461	6,469	3,634
	2023	9,485	8,598	5,904	6,465	8,801	9,426	6,837	2,201
	2024	9,062	6,724	5,173	6,267	9,259	7,530	5,343	2,943
All Alaska	2025	6,744	6,768	5,619	5,260	7,229	6,120	4,194	2,161

Note: Excludes vessels in the Annette Island commercial Pacific halibut fishery because crew size is not reported for this fishery. Minimal fishing occurs in March and to ensure confidentiality it is combined with April. "*" indicates a confidential value; "-" indicates no applicable data or value.
Source: ADF&G fish tickets; CFEC gross earnings (fish tickets) file. Data compiled and provided by the Alaska Fisheries Information Network (AKFIN). National Marine Fisheries Service, P.O. Box 15700, Seattle, WA 98115-0070.

Chapter 5

Economic Performance Indices for the North Pacific Groundfish Fisheries

5.1 Introduction

Fisheries markets are complex. A multitude of factors influence demand, supply, price, catch composition, product types produced and other market activity. Indices are a common method used by agencies to synthesize market information in a digestible format. Indices establish a baseline that helps characterize trends in the market for values, prices and quantities of fisheries goods. Market indices have many uses. From a management perspective indices can both retrospectively characterize changes in the market that may be related to policy decisions (such as a change in TAC), or allow managers to evaluate current market conditions in the context of future policy change. Indices may also be useful to market participants when making business decisions.

This section of the Economic Status of the Groundfish Fisheries off Alaska attempts to distill the numerous factors that affect the North Pacific groundfish markets into a simple set of indices that can be used to track performance. Indices of value, price and quantity are presented for the Bering Sea and Aleutian Island (BSAI) at-sea, the BSAI shoreside, and the Gulf of Alaska (GOA). Figure 5.1 displays the ex-vessel and first-wholesale values for the BSAI and GOA at-sea and shoreside sectors. For the BSAI at-sea sector, index analysis will focus on the wholesale market; for the BSAI shoreside and GOA sectors, index analysis will consider the wholesale and ex-vessel markets. To help understand and evaluate the indices, we plot the value share stratified by species and product type for wholesale markets, and by species and gear type for the ex-vessel markets. Value share is the proportion of total value from each of the stratified components, such as the proportion of total value that comes from pollock. Additionally, bar graphs provide detail on the division of production among species, product types and gear types. Specifically, for the wholesale market, these graphs show the composition of species within product types and the composition of product type for a given species, and in the ex-vessel market, they show composition of species harvested by a given gear type and the composition of gear types used to harvest a species.

Aggregate indices, by their very nature, are cumulative over the many species, products types, and gear types in a sector. The values, prices, and quantities from individual components of these factors (e.g., individual species) may contribute to the movements of the aggregate indices in very different ways. The myriad of market influences make it difficult to disentangle the relative importance of different species or products when monitoring aggregate performance, a problem that

can be approached by using a value-share decomposition to examine the influence of these different components on the aggregate index. Decomposition relates the indices for each of the components of a single factor to the aggregate through its value share. For example, consider an aggregate price index for a sector. The aggregate price index is a function of the prices of all the species sold (e.g., pollock, Pacific cod, sablefish). Here, species type is the factor and the component indices of this factor are the price indices for all the species (e.g., pollock price index, Pacific cod price index). The importance of each individual species price index is determined by the proportion of total value in the sector for the species. By decomposing the aggregate index in this way, one can see how each of the species price indices influence the movement in the aggregate price index. Similar value-share decompositions are also constructed for product types in the wholesale market, and for gear types in the ex-vessel market.

The primary tools we will use to analyze market performance are Figures 5.2-5.11. The index figures in Figures 5.2-5.11 are designed to help the reader visualize changes in the indices and relate the changes to shifts in aggregate value, prices, and quantities. All indices use 2018 as the base year for the index. All calculations and statistics are made using nominal U.S. dollars (i.e., not adjusted for inflation).[1] Aggregate indices are located in the upper-left panel and the value share decomposition of the aggregate index is below in the lower-left panels of the figures. Changes in the indices have been color coded to indicate the relevance in determining aggregate index movements. The relevance of a change in the price index in year t is calculated by $(year-on-year\ growth\ rate)*(share\ weight) = (I_{i,t}/I_{i,t-1}-1)*\tilde{w}(i,t)$ where $I_{i,t}$ is the level of the index and $\tilde{w}(i,t) = \frac{p_{i,t}*q_{i,t}}{\sum_j p_{j,t}*q_{j,t}}$ is the year t value share and i, j enumerates species, products, or gear types depending on the index. When the value $(year-on-year\ growth\ rate)*(share\ weight)$ is roughly zero, indicating little to no change or influence on the aggregate index, it is colored blue. When this value is less than -0.1, the index is colored red to indicate that it has had a significant negative impact on the aggregate index. When this value is greater than 0.1, the index is colored green, indicating a significant positive impact on the aggregate index. Shades in between these colors indicate intermediate impacts. The indices can take on these "significant colors" if the percentage change is large and/or the value share is large. The value share plot in the upper-right corner of each figure helps to discern the difference. For each sector and market, two decompositions are presented. The wholesale market is decomposed by species and product type, and the ex-vessel market is decomposed by species and gear type. To help relate the different decompositions, bar graphs in the lower-right panel of each figure show the composition of one factor (e.g., product type) for each relevant category of the other factor (e.g., species) as measured by production. The height of the bars shows the annual output in that market. Only the components of a factor with a value share greater than 1% have been plotted, although all prices and quantities were used in the construction of the aggregate index. Ex-vessel indices are constructed using catch that is counted against a federal total allowable catch (TAC). Hereafter, "wholesale value" and "ex-vessel value" refer to the revenue from production at the first wholesale level or from sales of catch on the ex-vessel market, respectively. Walleye pollock will often be referred to simply as "pollock"; similarly, Pacific cod will often be referred to as "cod". The "other" product type contains all products that are not fillets, H&G, surimi, meal and oil, or roe. In particular, the "other" product type includes whole fish and minced fish.

Understanding the indices and their construction facilitates accurate interpretation. To properly

[1] U.S. nominal dollars are used so price indices capture unadjusted changes in prices throughout time, allowing them to be used as deflator indices. For readers comparing these indices to other figures in the SAFE denominated in inflation adjusted terms, this adjustment should be kept in mind.

interpret the indices, the reader must realize that the indices are merely descriptive and characterize the state of the market relative to other periods, and display the co-movement of different species, product types, or gear types both individually and in aggregate. The indices have no inherent causal interpretation. For example, it would be wrong to assert from these indices that a change in surimi prices "caused" a change in pollock price. Nor could we say the opposite. We can say that they are connected, as surimi is a significant portion of the value from pollock in some regions, but causality is beyond the scope of indices. Carefully designed regression analysis is better suited for addressing such causality questions. The indices are displayed graphically in Section 5.2 followed by tables with the index values.

5.2 Economic Indices of the North Pacific Groundfish Fisheries

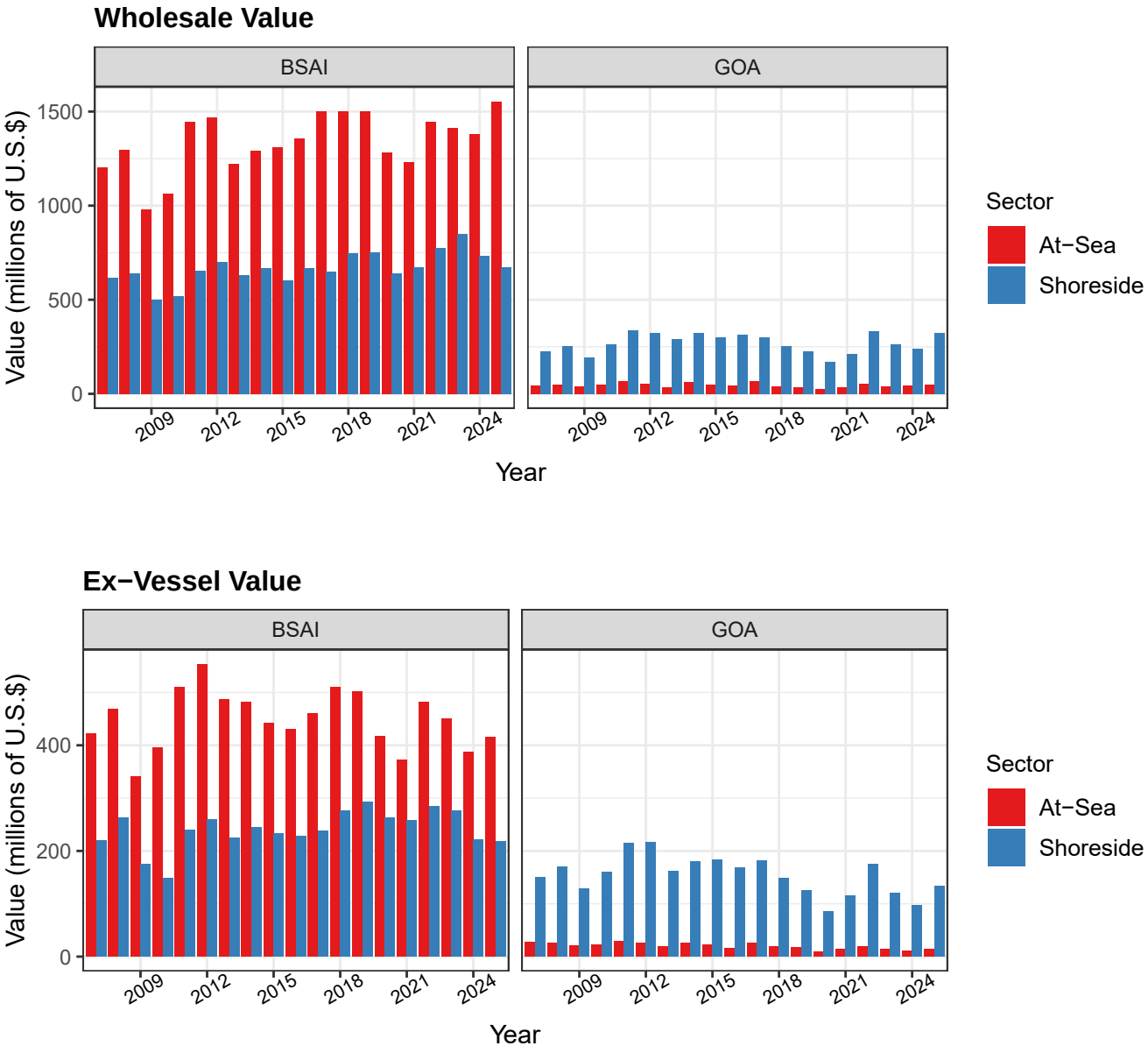
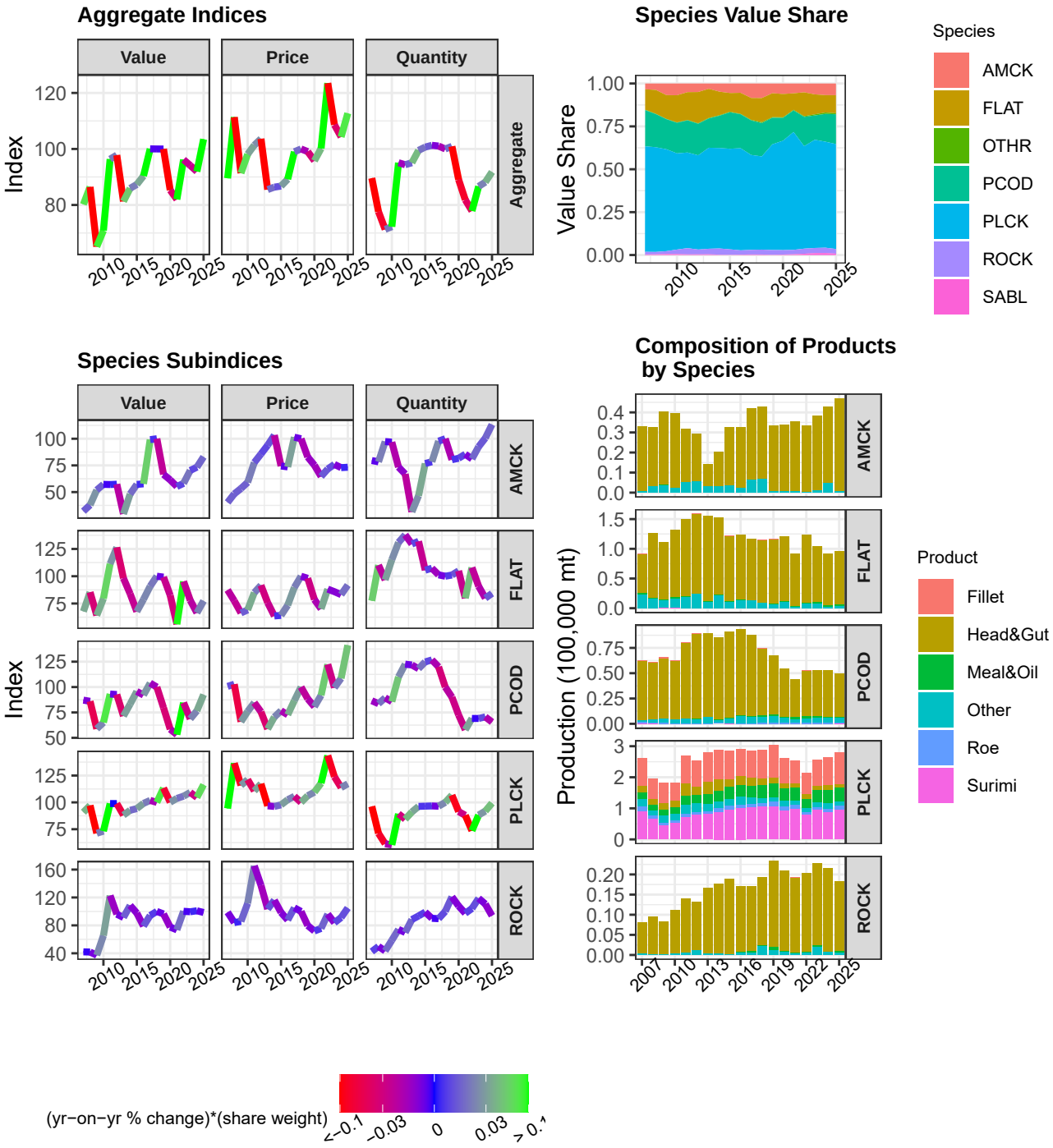


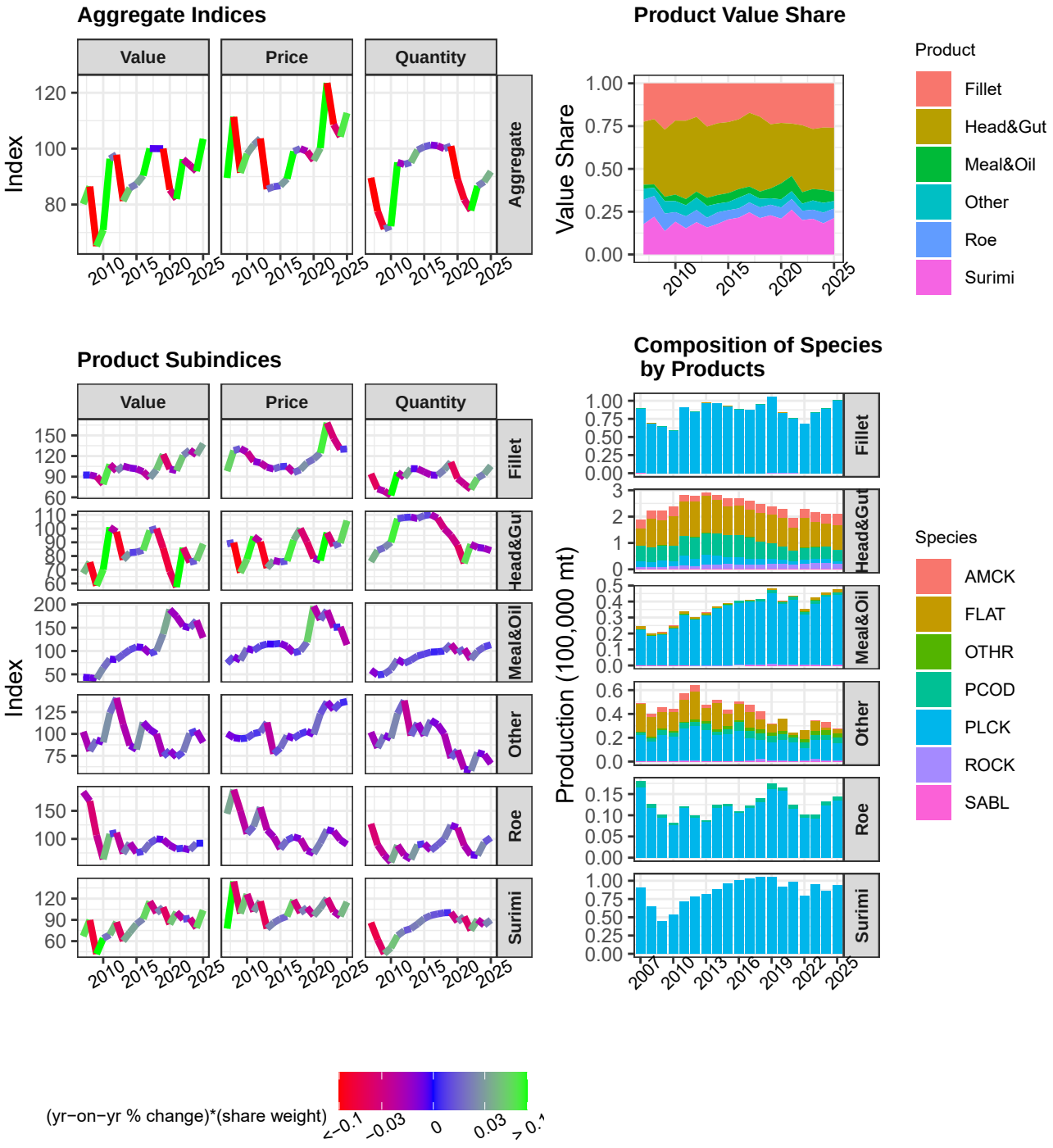
Figure 5.1: Wholesale and ex-vessel value by region and sector 2007-2025.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.



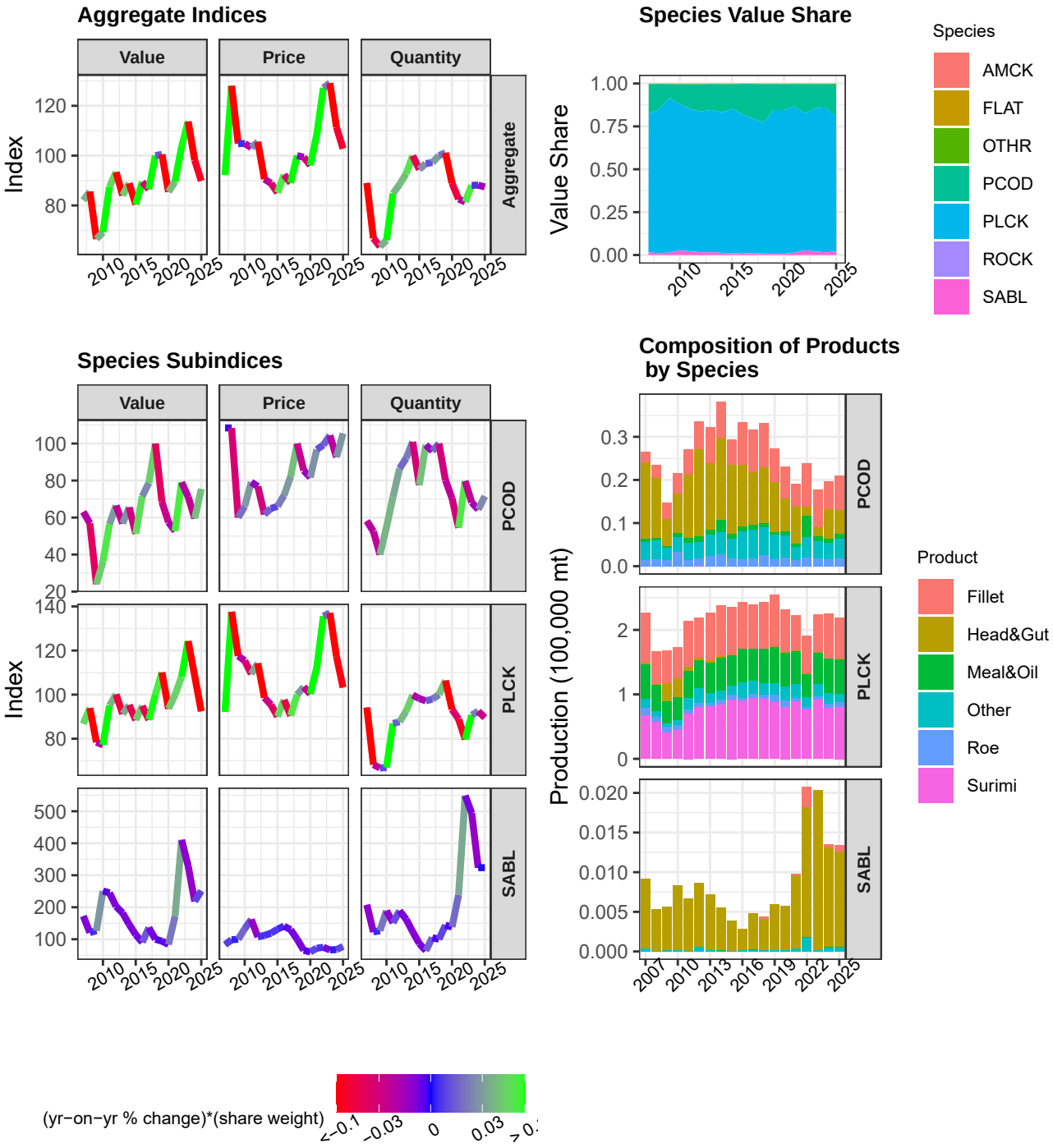
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.1. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.2: BSAI at-sea wholesale market: species decomposition 2007-2025 (Index 2018 = 100).



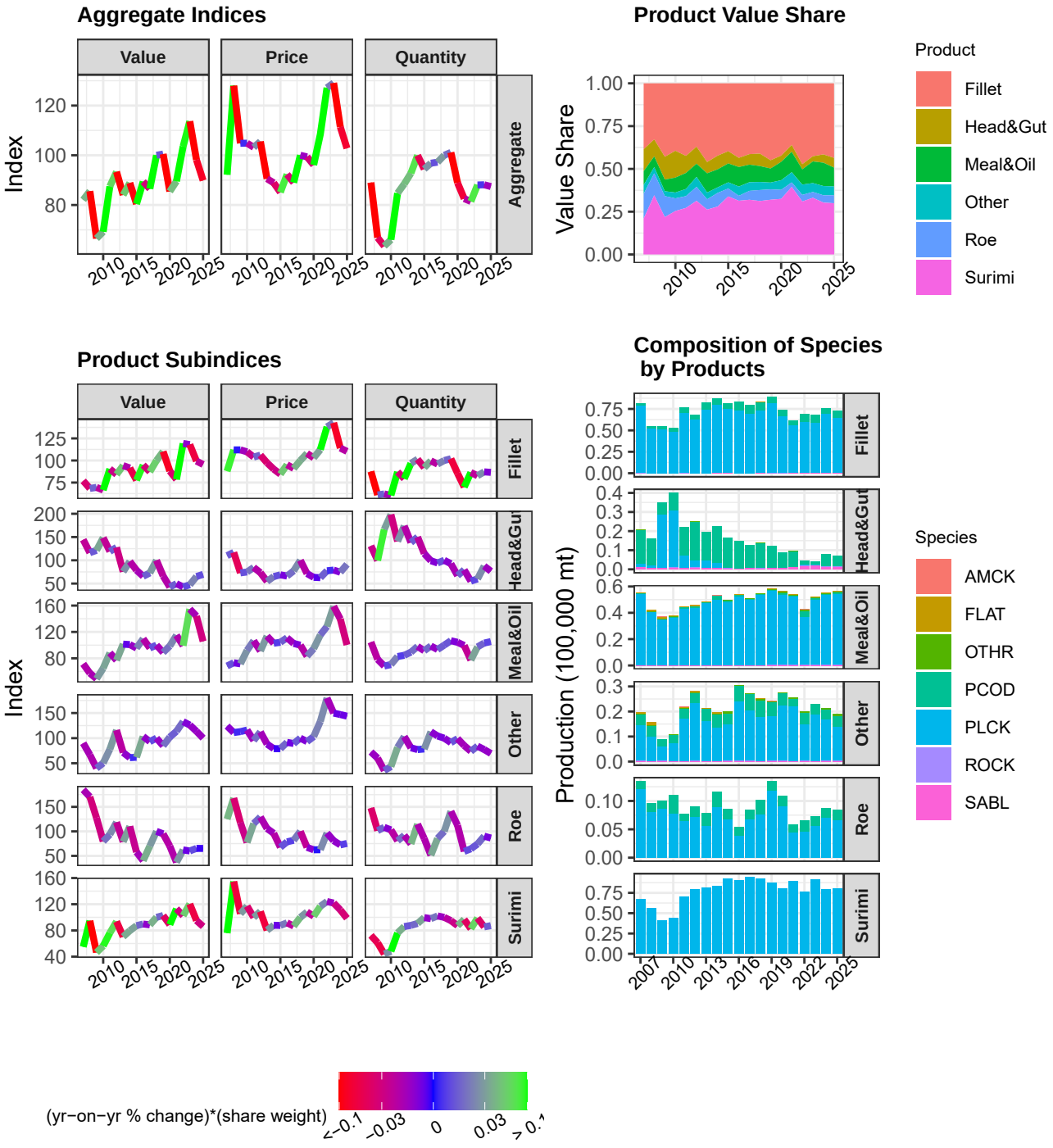
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.2. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.3: BSAI at-sea wholesale market: product decomposition 2007-2025 (Index 2018 = 100).



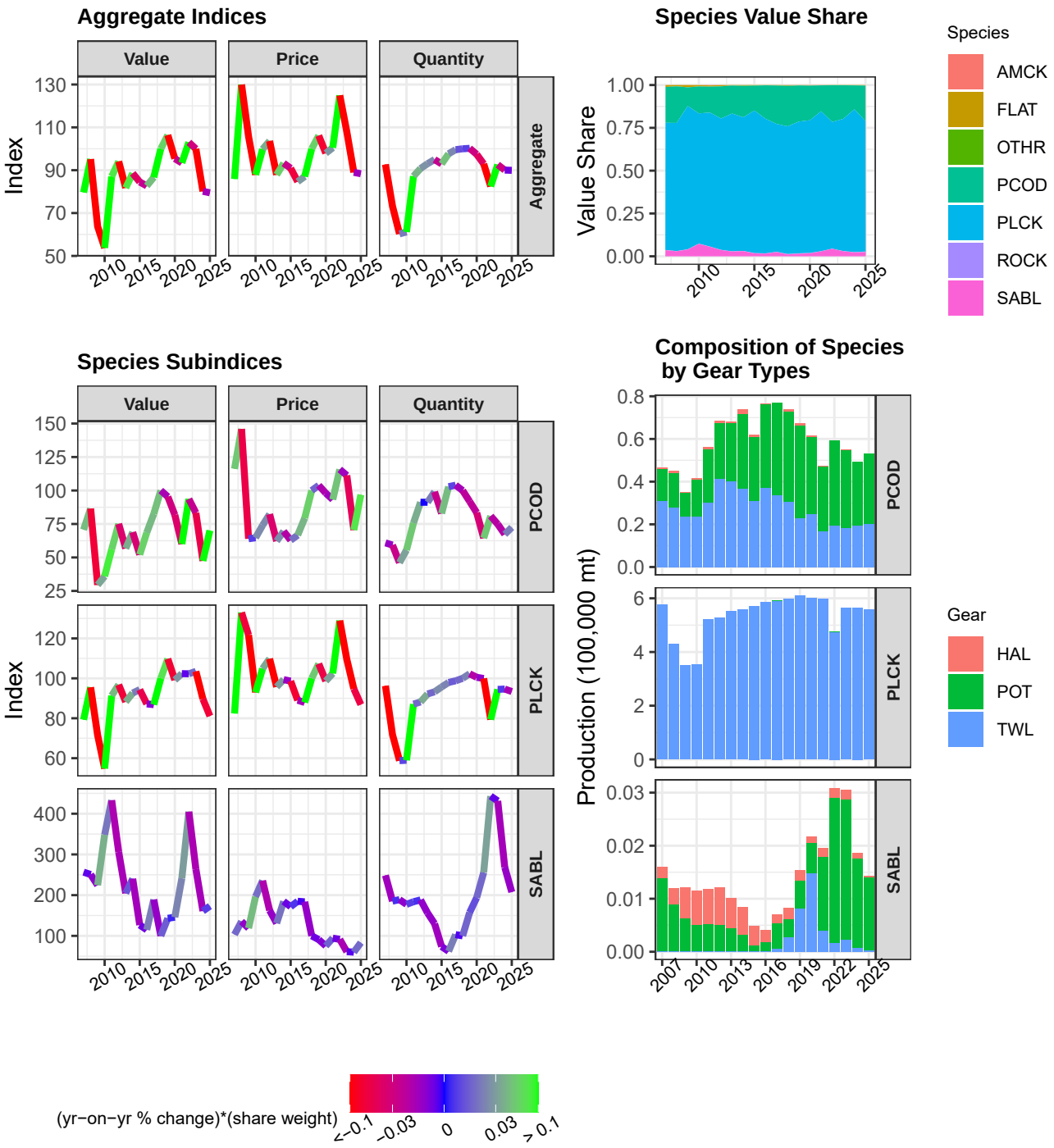
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.3. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.4: BSAI shoreside wholesale market: species decomposition 2007-2025 (Index 2018 = 100).



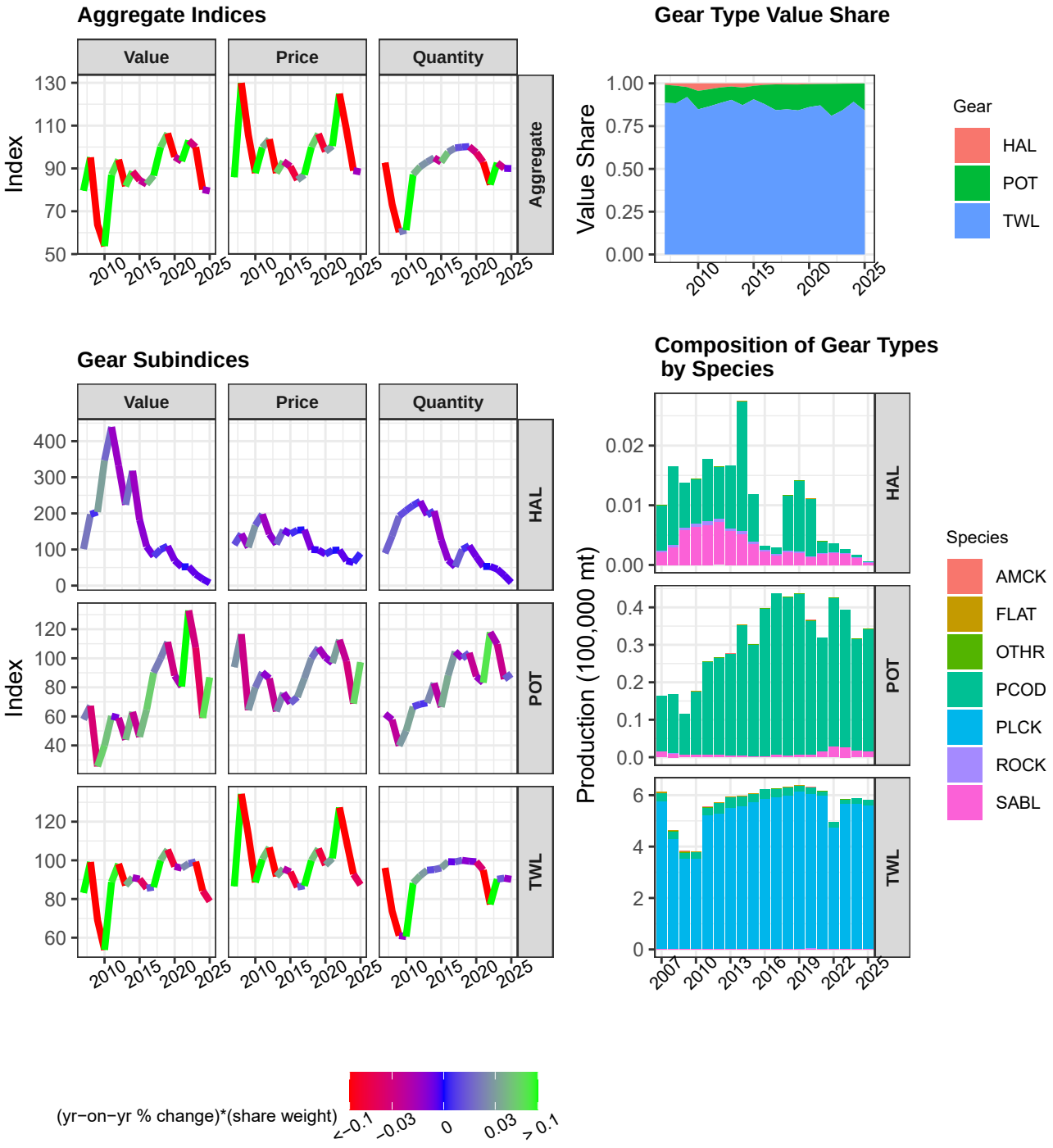
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.4. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.5: BSAI shoreside wholesale market: product decomposition 2007-2025 (Index 2018 = 100).



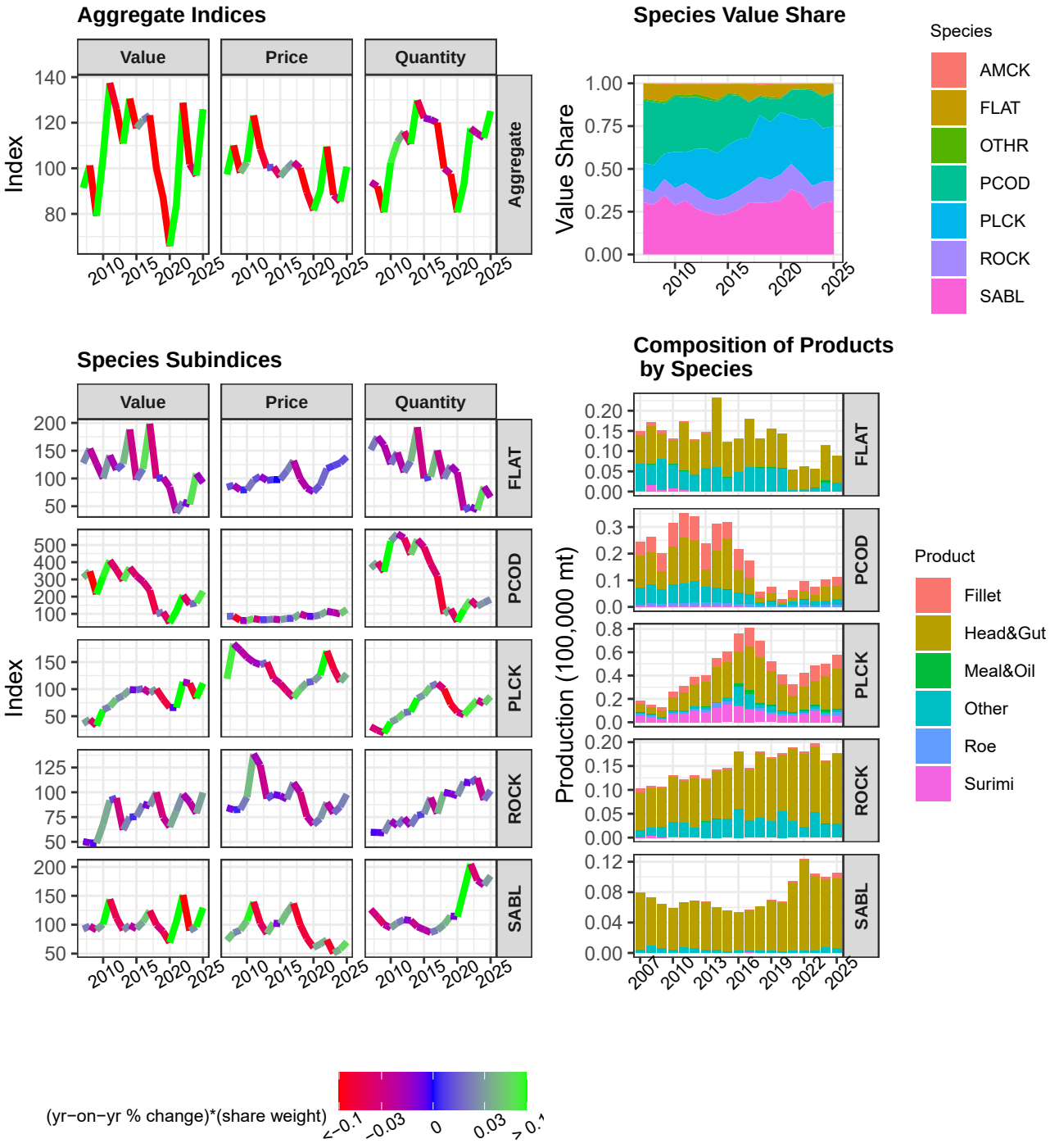
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.5. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.6: BSAI shoreside ex-vessel market: species decomposition 2007-2025 (Index 2018 = 100).



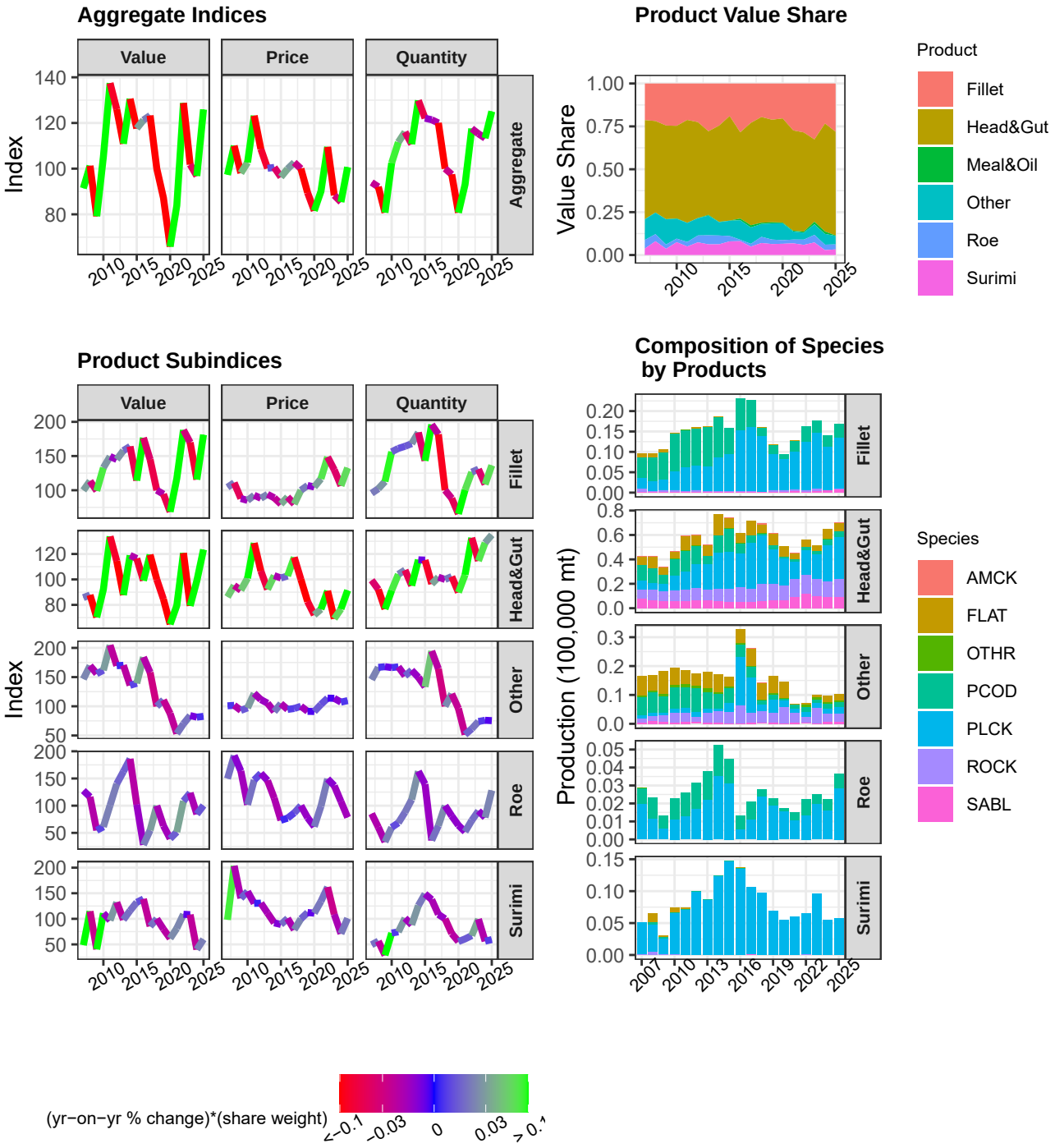
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.6. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.7: BSAI shoreside ex-vessel market: gear decomposition 2007-2025 (Index 2018 = 100).



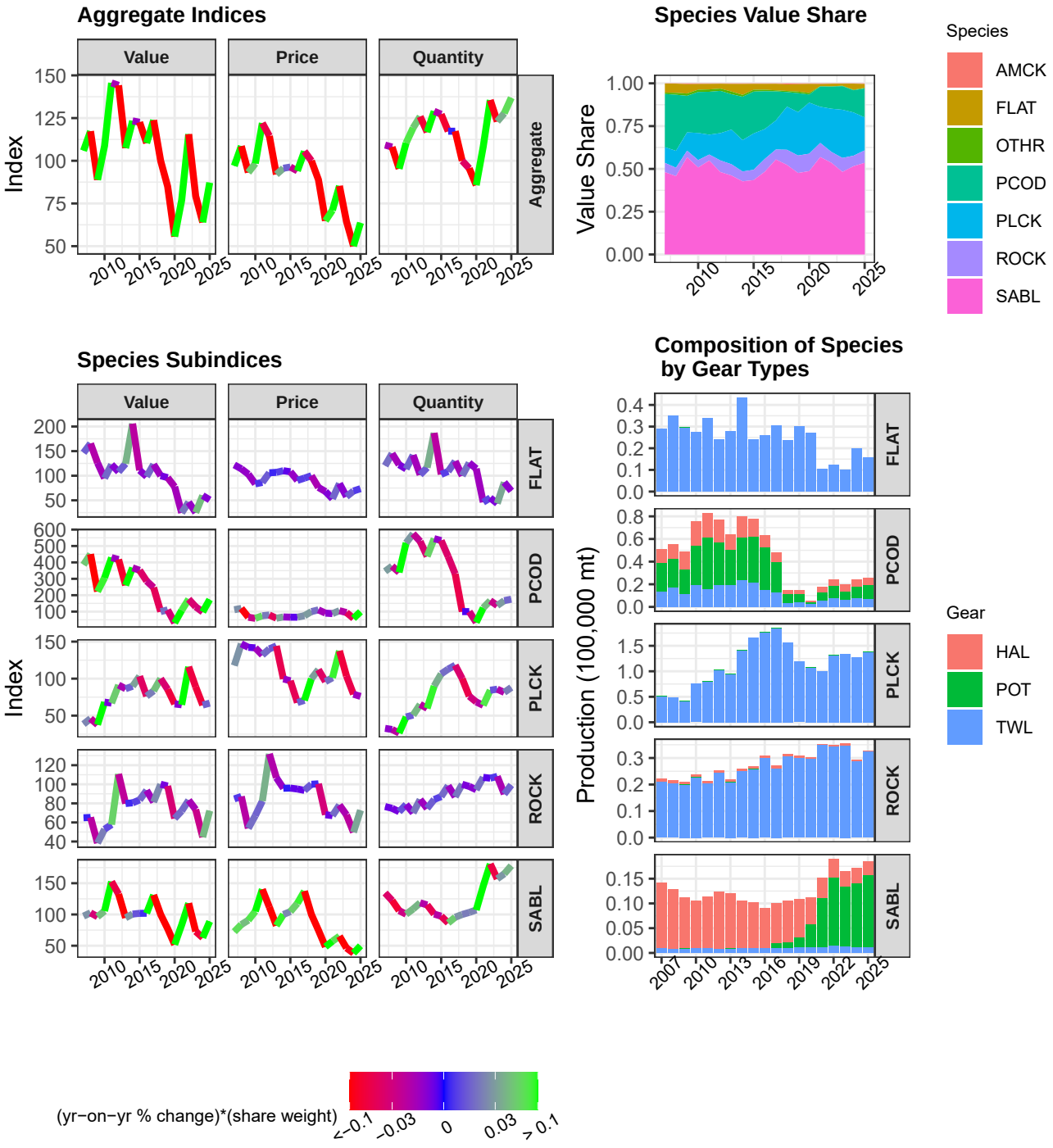
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.7. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.8: GOA wholesale market: species decomposition 2007-2025 (Index 2018 = 100).



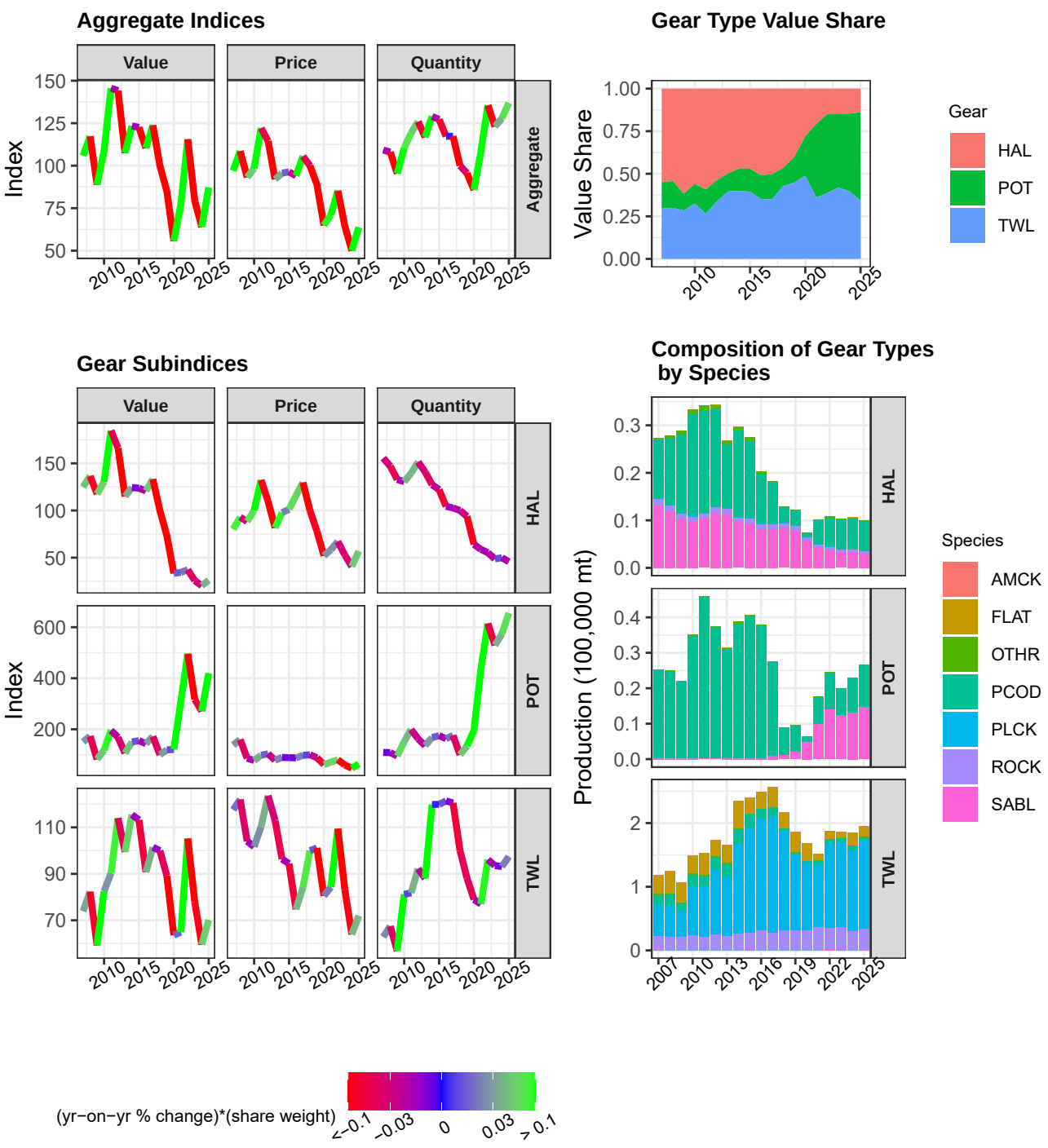
Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.8. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.9: GOA wholesale market: product decomposition 2007-2025 (Index 2018 = 100).



Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.9. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.10: GOA ex-vessel market: species decomposition 2007-2025 (Index 2018 = 100).



Notes: Index values for 2020−2025 notes and source information for the indices are in Table 5.10. Index coloring indicates its influence on aggregate index movements, see Section 5.1 for details.

Figure 5.11: GOA ex-vessel market: gear decomposition 2007-2025 (Index 2018 = 100).

Table 5.1: Species indices and value share for the BSAI at-sea first-wholesale market 2020-2025

Species	Index Type	2020	2021	2022	2023	2024	2025
	Value	85.31	82.00	96.19	94.11	91.94	103.49
	Price	95.77	100.18	123.51	108.63	104.30	112.75
Aggregate	Quantity	89.08	81.85	77.88	86.64	88.16	91.79
	Value	61.38	55.22	58.14	70.26	73.35	83.03
	Price	75.15	64.62	71.68	75.92	72.90	73.28
	Quantity	81.67	85.44	81.12	92.55	100.63	113.31
AMCK	Value Share	0.06	0.06	0.05	0.06	0.07	0.07
	Value	82.51	56.00	95.21	77.95	66.43	77.42
	Price	78.62	70.11	88.21	85.83	83.14	91.90
	Quantity	104.94	79.87	107.94	90.81	79.90	84.24
FLAT	Value Share	0.14	0.10	0.14	0.12	0.10	0.11
	Value	58.47	53.19	84.56	68.67	76.63	92.57
	Price	80.65	91.89	122.40	99.45	108.58	141.25
	Quantity	72.49	57.89	69.08	69.05	70.57	65.54
PCOD	Value Share	0.13	0.13	0.17	0.14	0.16	0.17
	Value	100.15	103.70	105.76	109.26	104.60	116.49
	Price	109.53	117.88	143.66	123.89	113.82	117.28
	Quantity	91.43	87.98	73.62	88.19	91.90	99.33
PLCK	Value Share	0.64	0.69	0.60	0.63	0.62	0.61
	Value	77.54	73.61	100.18	99.54	100.92	98.49
	Price	71.94	75.62	96.12	83.82	91.22	105.03
	Quantity	107.79	97.35	104.23	118.76	110.64	93.78
ROCK	Value Share	0.03	0.03	0.03	0.03	0.03	0.03

Notes Species with a value share less than 1% were not included in this table. All groundfish species were used to calculate aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.2: Product indices and value share for the BSAI at-sea first-wholesale market 2020-2025

Product	Index Type	2020	2021	2022	2023	2024	2025
	Value	85.31	82.00	96.19	94.11	91.94	103.49
	Price	95.77	100.18	123.51	108.63	104.30	112.75
Aggregate	Quantity	89.08	81.85	77.88	86.64	88.16	91.79
	Value	101.22	98.82	120.86	128.72	121.71	137.88
	Price	115.58	124.40	168.30	145.98	129.69	130.36
	Quantity	87.57	79.44	71.81	88.18	93.85	105.77
Fillet	Value Share	0.23	0.24	0.25	0.27	0.26	0.26
	Value	68.87	57.37	85.95	75.47	76.65	88.80
	Price	78.34	76.72	97.04	87.45	89.50	105.75
	Quantity	87.91	74.78	88.57	86.30	85.65	83.96
Head&Gut	Value Share	0.35	0.31	0.39	0.35	0.36	0.38
	Value	189.33	174.41	153.73	149.68	165.36	128.65
	Price	196.08	167.04	187.30	150.73	151.72	113.46
	Quantity	96.56	104.41	82.08	99.30	108.98	113.39
Meal&Oil	Value Share	0.09	0.09	0.07	0.07	0.08	0.05
	Value	80.92	73.62	79.45	100.55	103.54	90.42
	Price	99.56	123.00	136.67	127.73	135.47	137.17
	Quantity	81.27	59.85	58.14	78.72	76.43	65.92
Other	Value Share	0.05	0.05	0.04	0.05	0.06	0.04
	Value	88.82	82.23	83.48	80.31	92.17	92.38
	Price	74.08	93.10	116.45	113.53	98.42	90.30
	Quantity	119.90	88.33	71.69	70.74	93.66	102.30
Roe	Value Share	0.07	0.06	0.05	0.05	0.06	0.06
	Value	83.96	100.86	90.93	92.25	78.73	103.56
	Price	96.06	106.78	120.57	101.99	95.19	115.17
	Quantity	87.41	94.46	75.42	90.45	82.71	89.92
Surimi	Value Share	0.21	0.26	0.20	0.21	0.18	0.21

Notes Products types 'Minced', 'Other' and those with a value share less than 1% were not included in this table. All product types were used to construct aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.3: Species indices and value share for the BSAI shoreside first-wholesale market 2020-2025

Species	Index Type	2020	2021	2022	2023	2024	2025
	Value	85.46	89.56	103.56	113.69	98.19	89.87
	Price	96.11	108.48	127.17	129.12	111.39	102.79
Aggregate	Quantity	88.93	82.56	81.43	88.05	88.15	87.42
	Value	57.48	52.71	79.07	71.17	59.56	75.46
	Price	81.66	96.80	99.18	104.40	92.62	105.48
	Quantity	70.39	54.46	79.73	68.17	64.31	71.54
PCOD	Value Share	0.15	0.13	0.17	0.14	0.14	0.19
	Value	93.60	99.87	108.12	124.27	108.47	92.43
	Price	100.33	112.31	135.58	137.02	117.33	103.21
	Quantity	93.30	88.93	79.75	90.70	92.45	89.56
PLCK	Value Share	0.84	0.85	0.80	0.84	0.84	0.79
	Value	83.72	171.67	410.51	329.07	218.24	251.35
	Price	60.51	71.97	74.79	66.61	67.47	77.61
	Quantity	138.36	238.55	548.87	494.02	323.45	323.86
SABL	Value Share	0.01	0.01	0.03	0.02	0.02	0.02

Notes Species with a value share less than 1% were not included in this table. All groundfish species were used to calculate aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.4: Product indices and value share for the BSAI shoreside first-wholesale market 2020-2025

Product	Index Type	2020	2021	2022	2023	2024	2025
	Value	85.46	89.56	103.56	113.69	98.19	89.87
	Price	96.11	108.48	127.17	129.12	111.39	102.79
Aggregate	Quantity	88.93	82.56	81.43	88.05	88.15	87.42
	Value	88.08	78.52	119.29	118.05	99.38	95.48
	Price	103.00	112.32	138.11	142.69	114.08	110.31
	Quantity	85.51	69.91	86.37	82.73	87.11	86.56
Fillet	Value Share	0.42	0.36	0.47	0.43	0.42	0.44
	Value	42.50	49.71	42.73	47.37	65.13	69.76
	Price	63.35	62.61	77.50	78.97	74.35	91.22
	Quantity	67.09	79.40	55.14	59.99	87.60	76.47
Head&Gut	Value Share	0.04	0.04	0.03	0.03	0.05	0.06
	Value	98.71	114.96	99.19	154.70	144.05	105.73
	Price	94.66	115.50	128.33	158.96	139.65	100.31
	Quantity	104.28	99.53	77.29	97.32	103.15	105.41
Meal&Oil	Value Share	0.11	0.12	0.09	0.13	0.14	0.11
	Value	102.12	113.64	132.86	126.08	113.68	99.97
	Price	103.08	133.30	179.90	149.84	147.00	143.82
	Quantity	99.06	85.25	73.85	84.15	77.33	69.51
Other	Value Share	0.06	0.06	0.06	0.05	0.05	0.05
	Value	70.03	36.91	62.12	60.08	65.25	65.13
	Price	62.37	62.50	96.60	81.00	72.37	75.38
	Quantity	112.29	59.06	64.30	74.18	90.17	86.41
Roe	Value Share	0.05	0.03	0.04	0.03	0.04	0.05
	Value	88.81	113.02	102.55	120.44	95.15	86.04
	Price	101.69	116.81	124.15	121.82	111.38	98.56
	Quantity	87.34	96.76	82.60	98.87	85.43	87.30
Surimi	Value Share	0.32	0.39	0.31	0.33	0.30	0.30

Notes Products types 'Minced', 'Other' and those with a value share less than 1% were not included in this table. All product types "were used to contruct aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.5: Species indices and value share for the BSAI shoreside ex-vessel market 2020-2025

Species	Index Type	2020	2021	2022	2023	2024	2025
	Value	95.41	93.41	103.02	99.95	80.15	79.47
	Price	97.93	100.50	124.93	107.96	89.00	88.36
Aggregate	Quantity	97.42	92.95	82.47	92.59	90.06	89.93
	Value	81.81	60.07	93.65	83.34	47.44	70.16
	Price	98.03	93.22	115.72	111.30	70.50	96.86
	Quantity	83.46	64.43	80.93	74.87	67.29	72.43
PCOD	Value Share	0.20	0.15	0.21	0.20	0.14	0.21
	Value	99.17	102.36	102.27	103.47	89.67	81.11
	Price	98.65	102.45	128.93	109.54	94.76	86.85
	Quantity	100.52	99.91	79.32	94.46	94.63	93.40
PLCK	Value Share	0.78	0.82	0.74	0.77	0.83	0.76
	Value	145.84	241.28	405.00	264.01	161.00	173.09
	Price	75.24	94.35	91.38	61.18	59.96	83.40
	Quantity	193.82	255.72	443.19	431.51	268.52	207.53
SABL	Value Share	0.02	0.03	0.04	0.03	0.02	0.02

Notes Species with a value share less than 1% were not included in this table. All groundfish species were used to calculate" aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.6: Gear indices and value share for the BSAI shoreside ex-vessel market 2020-2025

Gear	Index Type	2020	2021	2022	2023	2024	2025
	Value	95.41	93.41	103.02	99.95	80.15	79.47
	Price	97.93	100.50	124.93	107.96	89.00	88.36
Aggregate	Quantity	97.42	92.95	82.47	92.59	90.06	89.93
	Value	69.80	51.77	52.19	31.36	18.05	7.55
	Price	86.92	97.74	98.35	68.89	63.79	89.48
	Quantity	80.31	52.97	53.07	45.52	28.30	8.44
HAL	Value Share	0.01	0.00	0.00	0.00	0.00	0.00
	Value	88.11	80.56	132.93	107.28	58.94	86.85
	Price	100.60	96.79	112.70	97.82	68.80	97.29
	Quantity	87.58	83.23	117.95	109.67	85.67	89.27
POT	Value Share	0.13	0.12	0.19	0.16	0.11	0.16
	Value	96.86	95.94	98.33	99.26	84.27	78.79
	Price	97.57	101.05	127.32	110.01	92.84	87.35
	Quantity	99.27	94.95	77.23	90.23	90.77	90.20
TWL	Value Share	0.86	0.87	0.81	0.84	0.89	0.84

Notes The Fisher index method was used to construct the indices. Further details on index construction and gear decomposition can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.7: Species indices and value share for the GOA first-wholesale market 2020-2025

Species	Index Type	2020	2021	2022	2023	2024	2025
	Value	65.86	83.85	128.75	101.80	96.80	125.93
	Price	81.58	90.06	109.54	88.30	85.39	100.68
Aggregate	Quantity	80.72	93.10	117.54	115.28	113.36	125.08
	Value	84.18	38.12	57.43	53.46	108.77	92.21
	Price	75.83	88.19	117.59	122.87	127.77	138.80
	Quantity	111.00	43.23	48.84	43.51	85.13	66.43
FLAT	Value Share	0.08	0.03	0.03	0.03	0.07	0.05
	Value	47.37	116.57	207.81	155.56	163.97	230.82
	Price	84.89	93.57	114.75	108.37	99.19	125.85
	Quantity	55.81	124.58	181.10	143.55	165.32	183.41
PCOD	Value Share	0.08	0.15	0.17	0.16	0.18	0.20
	Value	66.09	65.97	113.25	110.56	83.32	110.84
	Price	114.42	125.93	170.31	138.13	113.78	128.07
	Quantity	57.77	52.39	66.49	80.04	73.23	86.55
PLCK	Value Share	0.36	0.28	0.32	0.39	0.31	0.32
	Value	65.08	81.07	98.15	90.17	78.83	99.67
	Price	67.45	73.42	89.65	78.88	85.36	97.95
	Quantity	96.48	110.43	109.48	114.32	92.34	101.76
ROCK	Value Share	0.15	0.15	0.12	0.14	0.12	0.12
	Value	69.15	105.62	151.46	89.76	96.76	129.16
	Price	60.55	66.37	73.88	50.76	57.47	70.05
	Quantity	114.20	159.13	205.01	176.83	168.36	184.38
SABL	Value Share	0.32	0.38	0.35	0.27	0.30	0.31

Notes Species with a value share less than 1% were not included in this table. All groundfish species were used to calculate aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.8: Product indices and value share for the GOA first-wholesale market 2020-2025

Product	Index Type	2020	2021	2022	2023	2024	2025
	Value	65.86	83.85	128.75	101.80	96.80	125.93
	Price	81.58	90.06	109.54	88.30	85.39	100.68
Aggregate	Quantity	80.72	93.10	117.54	115.28	113.36	125.08
	Value	68.48	117.25	188.06	169.86	115.60	181.18
	Price	104.78	116.68	148.60	129.87	106.53	132.82
	Quantity	65.36	100.48	126.55	130.79	108.51	136.40
Fillet	Value Share	0.20	0.27	0.29	0.33	0.23	0.28
	Value	64.78	79.47	120.73	79.24	98.88	123.48
	Price	72.11	76.61	90.98	69.16	76.78	91.45
	Quantity	89.84	103.73	132.70	114.57	128.78	135.03
Head&Gut	Value Share	0.61	0.59	0.58	0.48	0.63	0.60
	Value	87.68	53.17	70.03	84.08	81.42	82.76
	Price	91.08	103.11	114.00	113.63	107.08	109.73
	Quantity	96.27	51.57	61.43	74.00	76.04	75.42
Other	Value Share	0.10	0.05	0.04	0.06	0.06	0.05
	Value	39.33	51.58	108.63	123.49	84.36	100.41
	Price	61.50	98.90	149.19	136.73	107.63	78.44
	Quantity	63.94	52.16	72.82	90.32	78.38	128.02
Roe	Value Share	0.02	0.02	0.03	0.04	0.03	0.03
	Value	61.71	81.50	108.90	108.12	39.98	60.05
	Price	111.10	134.21	162.03	108.70	70.98	101.07
	Quantity	55.55	60.73	67.21	99.47	56.32	59.41
Surimi	Value Share	0.07	0.07	0.06	0.07	0.03	0.03

Notes Products types 'Minced' and those with a value share less than 1% were not included in this table. All product types were used to contruct aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.9: Species indices and value share for the GOA ex-vessel market 2020-2025

Species	Index Type	2020	2021	2022	2023	2024	2025
	Value	55.59	76.90	115.56	79.31	63.96	87.21
	Price	64.87	71.02	85.26	64.47	50.04	63.70
Aggregate	Quantity	85.70	108.28	135.54	123.02	127.82	136.91
	Value	77.64	24.58	46.20	25.08	59.61	50.91
	Price	67.90	53.19	84.10	57.60	68.92	73.69
	Quantity	114.35	46.22	54.94	43.54	86.50	69.09
FLAT	Value Share	0.05	0.01	0.02	0.01	0.04	0.02
	Value	30.95	107.44	175.64	129.00	97.82	173.61
	Price	90.68	87.67	105.39	94.29	58.65	98.94
	Quantity	34.14	122.55	166.65	136.81	166.79	175.46
PCOD	Value Share	0.05	0.12	0.13	0.14	0.13	0.17
	Value	65.80	64.67	115.95	88.82	64.26	66.90
	Price	96.03	101.14	137.53	103.61	78.92	76.00
	Quantity	68.52	63.95	84.31	85.72	81.42	88.03
PLCK	Value Share	0.30	0.21	0.25	0.28	0.25	0.19
	Value	64.17	72.02	83.26	73.56	44.62	72.28
	Price	68.06	67.14	78.27	67.94	49.70	72.80
	Quantity	94.28	107.27	106.38	108.27	89.77	99.29
ROCK	Value Share	0.10	0.08	0.06	0.08	0.06	0.07
	Value	51.71	83.34	117.93	72.83	62.81	88.88
	Price	48.26	57.24	65.22	46.35	38.05	49.92
	Quantity	107.15	145.59	180.82	157.12	165.05	178.05
SABL	Value Share	0.49	0.57	0.54	0.48	0.52	0.54

Notes Species with a value share less than 1% were not included in this table. All groundfish species were used to calculate aggregate indices and value share. The Fisher index method was used to construct the indices. Further details can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Table 5.10: Gear indices and value share for the GOA ex-vessel market 2020-2025

Gear	Index Type	2020	2021	2022	2023	2024	2025
	Value	55.59	76.90	115.56	79.31	63.96	87.21
	Price	64.87	71.02	85.26	64.47	50.04	63.70
Aggregate	Quantity	85.70	108.28	135.54	123.02	127.82	136.91
	Value	33.30	34.33	37.11	25.62	20.23	25.96
	Price	52.03	58.41	67.19	52.67	40.52	56.87
	Quantity	64.00	58.77	55.24	48.64	49.93	45.65
HAL	Value Share	0.28	0.21	0.15	0.15	0.15	0.14
	Value	120.93	308.73	496.01	317.27	270.58	419.63
	Price	61.87	70.55	80.71	59.96	47.16	64.04
	Quantity	195.46	437.58	614.52	529.15	573.80	655.23
POT	Value Share	0.23	0.43	0.46	0.43	0.46	0.52
	Value	63.59	64.90	105.20	77.91	59.57	70.15
	Price	80.54	84.28	109.46	83.29	63.95	71.98
	Quantity	78.95	77.00	96.11	93.54	93.16	97.46
TWL	Value Share	0.49	0.36	0.39	0.42	0.40	0.34

Notes The Fisher index method was used to construct the indices. Further details on index construction and gear decomposition can be found in the text or by contacting russel.a.dame@noaa.gov.

Source NMFS Alaska Region's Catch-accounting system (CAS) and Weekly Production Report (WPR) estimates; Alaska Department of Fish and Game (ADF&G) Commercial Operator's Annual Report (COAR), National Marine Fisheries Service. P.O. Box 15700, Seattle, WA 98115-0070.

Chapter 6

Amendment 80 Program - BSAI Non-Pollock Trawl Catcher-Processor Groundfish Cooperatives: Economic Status Summary

This report summarizes the economic status of the Bering Sea and Aleutian Islands (BSAI) non-pollock groundfish trawl catcher-processor fleet (referred to in the following as the Amendment 80 fleet) over the period 2008 through 2025, following implementation of the rationalization program in 2008 under Amendment 80 to the Fishery Management Plan for Groundfish of the BSAI Management Area (FMP). This report provides additional detail to supplement information provided elsewhere in the Groundfish SAFE Economic Status Report; details regarding catch, production, and value of BSAI and Gulf of Alaska groundfish species allocated to Amendment 80 fleet are provided in Section 4 of the Annual Fishery Statistics section.

As a requirement of the Amendment 80 program designed by the North Pacific Fishery Management Council (Council), annual economic reports are submitted to NMFS by Amendment 80 vessel owners and Quota Share (QS) permit holders, providing detailed data on vessel and QS-entity earnings, employment, QS lease transfers, operating costs and expenses, and capital improvements. The Economic Data Report (EDR) program is a mandatory annual reporting requirement for Amendment 80 entities, and supplements data provided by in-season monitoring and data collection programs, including eLandings, catch accounting, and the North Pacific Groundfish Observer program. Beginning with implementation of the Amendment 80 program in 2008, the EDR data collection program has collected annual economic census data, with the most recent available data representing results from the 2025 calendar year of operations.[1]

Among the goals of Amendment 80 is improving economic incentives to increase retention and utilization, and reduce bycatch by the commercial catcher-processor (CP) fleet using trawl gear in the non-pollock groundfish fisheries. The structure of the program was developed to encourage

[1]The EDR program is managed collaboratively by Alaska Fisheries Science Center (AFSC) and Pacific States Marine Fisheries Commission (PSMFC), with guidance and oversight from the North Pacific Fishery Management Council. Further information regarding the data collection program, including protocols and results of data quality assessment and controls, is provided in database documentation available from the AFSC's Economic and Social Sciences Research Program (ESSR).

fishing practices and use of vessel capital with lower discard rates and to mitigate the costs of increased retention requirements [2] by improving the opportunity to increase the value of harvest species while improving operational efficiency and lowering costs.

The BSAI non-pollock groundfish trawl CP sector is composed of vessel-entities representing the 24 CPs with history of harvesting groundfish in the BSAI, but that did not qualify for inclusion in the rationalization of the CP pollock fishery under the American Fisheries Act. Of the original 24 CPs electing to enroll in the Amendment 80 catch share program, 22 remained operational as of implementation of the program in 2008, and 21 CPs participated in the program that year. Over the first 18 years of the program, four new vessels entered to replace an original vessel, one each in 2016, 2017, 2019, and 2021, and of the 14 active vessels participating in A80 program fisheries during 2025, 10 vessels remain of the original fleet.

Species allocated to the Amendment 80 fleet include: Aleutian Islands Pacific ocean perch, BSAI Atka mackerel, BSAI flathead sole, BSAI Pacific cod, BSAI rock sole, and BSAI yellowfin sole. In addition, the Amendment 80 cooperatives and vessels receive allocations of Pacific halibut and crab prohibited species catch (PSC) for use while fishing in the BSAI, and groundfish sideboard limits and halibut PSC for use in the Gulf of Alaska. Amendment 80 allocates the six target species and five prohibited species in the BSAI to the CP sector and allows qualified vessels to form cooperatives. These voluntary harvest cooperatives coordinate use of the target allocations, incidental catch allowances and prohibited species allocations among active member vessels. In the initial year of the program, 16 vessels/LLP licenses formed a single cooperative (identified as the Best Use Cooperative, renamed Alaska Seafood Cooperative in 2010), with an additional seven vessels operating in the limited-access fishery. The Alaska Groundfish Cooperative formed in 2011 from the eight vessels that operated in the limited-access fishery during 2009-2010, increasing to nine member vessels in 2013-2014, and six during 2016-2017. In 2018, the Amendment 80 cooperatives consolidated into the Alaska Seafood Cooperative, with a membership of 20 vessels/LLP licenses.

To describe the economic condition and performance of the fleet under the rationalization program and subsequent changes in fishery management, statistics reported below are intended to indicate the status and trends in a variety of economic indicators and metrics. The reported statistics provide a general overview of economic conditions and performance over time, and are not intended as a rigorous statistical analysis of specific hypotheses regarding economic efficiency or other performance metrics. These generally include changes in the physical characteristics of the active vessel stock during a given year, including productive capacity of vessel physical plant (freezer and processing line capacity and maximum potential throughput) and fuel consumption rates, efficiency and diversification of processing output, investment in vessel capital improvements, operational costs incurred for fishing and processing in the Amendment 80 fisheries and elsewhere, and employment and compensation of vessel crews and processing employees. The reader is referred to the Council's most recent catch-shares program review for a more detailed and comprehensive analysis of economic effects of Amendment 80 (NPFMC, 2025).

In the following tables, annual statistics are reported for Amendment 80 fleet or fishery aggregate total values and median vessel-level values. All monetary values in the report are presented as

[2]Concurrent with passage of Amendment 80, the Council also developed a groundfish retention standard (GRS) program for Amendment 80 catcher-processors by establishing a minimum retention schedule for the sector, beginning at 65% roundweight retention for 2008, and increasing by 5% increments to 85% for 2011 and subsequent years. Due to high compliance costs for the GRS program, Amendment 80 vessels and cooperatives were granted exemptions to the standard under emergency rule beginning in 2010, and the GRS program requirements were permanently rescinded under Amendment 93 to the FMP (77 FR 59852, October 1, 2012), effective March 2013.

inflation-adjusted 2025 equivalent U.S. dollars, consistent with inflation-adjusted data presented in other sections of the Groundfish Economic Status Report. Due to the small number of reporting entities comprising the Amendment 80 sector, some statistical results are suppressed to protect the confidentiality of proprietary information, as indicated in tables by the symbol ''*'', and''-'' indicates that no data are available for the tabular value. The total count of non-zero reported values are shown in the tables (under the heading ''Obs'' or ''Vessels''). As a general convention, fleet- or sector-level aggregate values are calculated as the annual sum total over all vessel- or entity-level reported values for a given data item. Vessel-level median values (calculated over reported non-zero values) are reported to represent the "average'' vessel; arithmetic means for the reported indicators can be derived as needed by users of this report by dividing the aggregate summed total value shown by either the associated number of non-zero observations, or alternately by the total count of active vessels (where different). It should be noted, however, that many statistical values reported in the following tables are derived from fewer than 20 observations for a given statistical value, and the underlying data may be highly variable and/or irregularly distributed, such that the arithmetic mean may be a poor representation of the population average value.

6.1 Fleet Characteristics and Production Capacity

Figure 6.1 and Table 6.1 show the number and mean age of active A80 C/P vessels by year, and fleet aggregate and median vessel values for physical size and capacity of the vessel stock within the active fleet from 2008-2025. With the entry of F/V America's Finest in 2019, increasing the active fleet to 20 vessels (followed by the permanent exit of the F/V Vaerdal in 2020), and entry of the F/V North Star in 2021 (despite the temporary exit of the American No. 1 during the same year), the the physical size of the fleet as shown in gross- and net tonnage metrics exhibited the largest one-year increases to-date, with aggregate gross tonnage increasing 20%, to 21.9 thousand tons in 2019, and to 25.7 thousand tons in 2021, a 17% increase from the previous year.

As of implementation of the Amendment 80 program in 2008, 22 qualifying catcher processor (CP) vessels actively participated in program fisheries. In subsequent years, overall fleet composition has been in constant flux since 2008, with entry and/or exit of one or two vessels from the active fleet in most years. As of the last new vessel entering the fleet in 2021, six of the 22 vessels that participated in the program that year had exited the fishery without subsequently returning. As of 2025, 10 vessels in the original fleet remain as active participants; with the four replacement vessels that have entered the fleet remaining active, 14 vessels were active in total. Five vessels active as of 2021 have exited the fishery as of 2025, and their potential for re-entry is indeterminate. The initial reduction from 22 active vessels the first year of the program to 20 in 2012 was due to loss of one vessel at sea (the Alaska Ranger) and the inactivity of the Tremont, which last fished in 2008. In total, five vessels permanently exited the Amendment 80 fleet between 2008 and 2012, all of which were built between 1970 and 1980. Regulations implementing Amendment 97 to the BSAI Groundfish FMP were published and became effective in October of 2012 (77 FR 59852), lifting prohibitions on replacement of Amendment 80 vessels and establishing regulatory requirements and processes for qualifying a replacement for an Amendment 80 vessel and transfer of associated fishing privileges. The first such vessels qualified for entry to the Amendment 80 program during 2016: the Seafreeze America and the Cape Flattery, both owned by United States Seafood, replaced the company's vessels Alliance and Ocean Alaska, which last operated in 2012. The Cape Flattery, while qualified as an Amendment 80-eligible vessel, has not operated in federal groundfish fisheries to-date, and is not reflected in fleet capacity statistics reported here. The Seafreeze America

began active operations during 2016, increasing the active fleet from 18 to 19 vessels. However, the Alaska Juris, owned by Fishing Company of Alaska (FCA), sank while underway on the Bering Sea in July of 2016;[3] statistics in Table 6.1 showing increased aggregate and median physical capacity reported for 2016 are inclusive of both vessels and do not reflect the loss of the Alaska Juris. FCA ceased business operations during 2017 and the company's three remaining vessels and all quota share holdings were acquired by other Amendment 80 entities (vessels Alaska Victory and Alaska Warrior were acquired by Ocean Peace, Inc., and the Alaska Spirit was acquired by O'Hara, Inc.).

With entry of F/V Araho (owned by O'Hara, Inc.) in 2017, maintaining the count of vessels at 19 (with loss of the Alaska Juris during 2016), aggregate fleet gross tonnage increased from the previous year to 18,283 tons (+4.6%)[4], while fleet aggregate length overall (LOA) decreased slightly to 3,443 feet. As noted above, entry of F/V America's Finest in 2019 increased aggregate fleet size metrics substantially. During 2021, the F/V North Star entered the active fleet, substantially increasing aggregate fleet capacity across metrics and, at 4,350 gross tons displacing F/V America's Finest as the largest vessel in the Amendment 80 fleet. Between 2014 and 2023, with a net decrease from 18 to 17 active vessels, aggregate gross tonnage increased by 59%, to 24.6 thousand tons, and median gross tonnage of 1,215 increased by 21%. With consolidation to 16 active vessels in 2024 and 14 in 2025, gross tonnage declined by a modest 5% each year, to 22.3 thousand tons in 2025. Mean vessel age as of 2008 was 48 years old, and has generally declined over the subsequent period, to 40 years with the latest new vessel entering the fleet as of 2021 (and remaining at 40 through 2024, and 38 in 2025, as a result of declining number of active vessels over the 5-year span), while median age has remained fairly constant, at 45 years during both the first several years and most recent four years of the program.

[3]NTSB, 2017.[https://www.ntsb.gov/investigations/AccidentReports/Reports/MAB1726.pdf]

[4]Note that all annual fleet-aggregate physical capacity and production throughput statistics in the following discussion (and referenced tables) represent the summed value over all reported vessel-level physical measurements and production volume-per-hour values for the year.

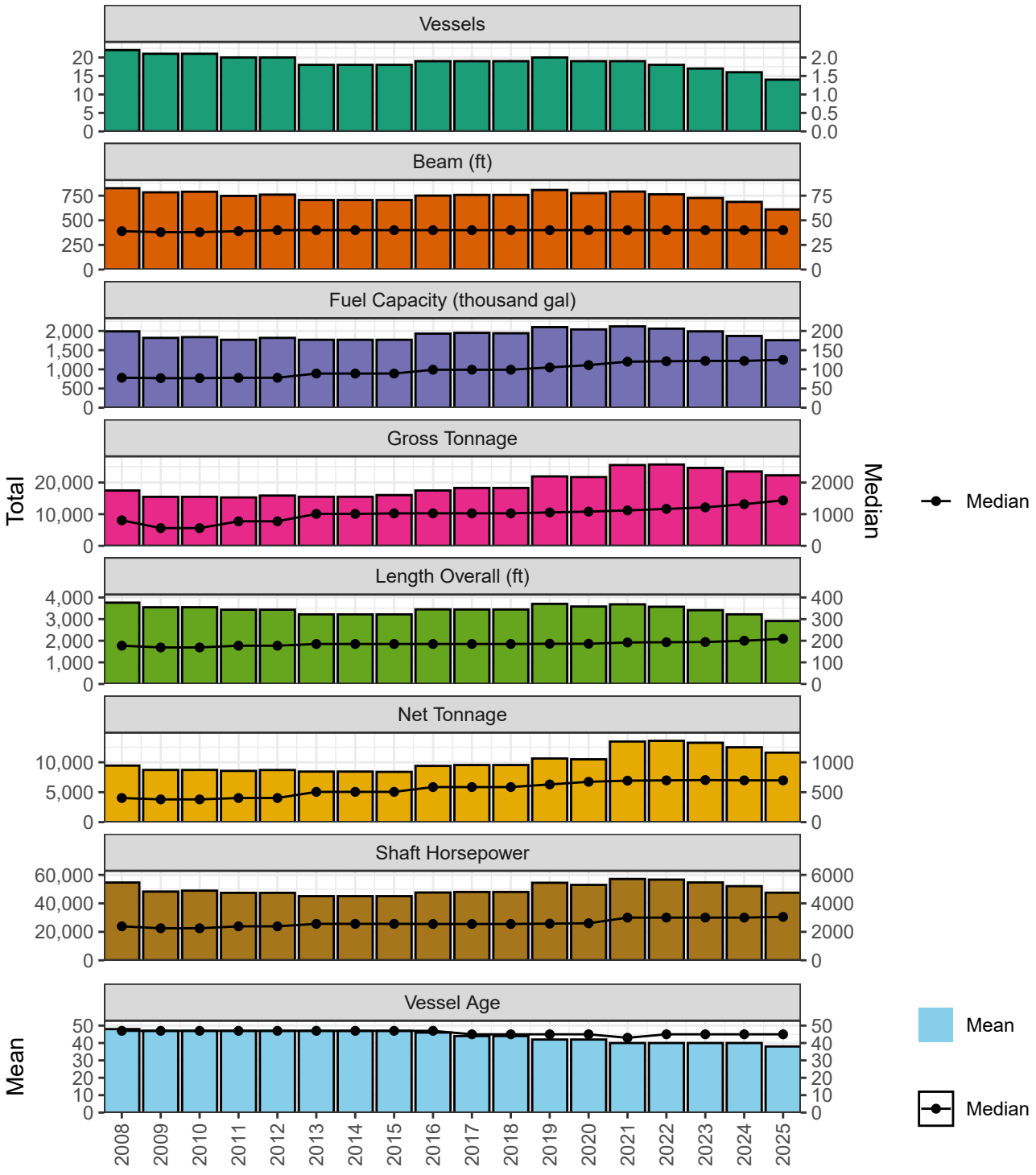


Figure 6.1: Amendment 80 Fleet - Aggregate Vessel Size Statistics.

Note Tabular data shown in Table 6.1.

Table 6.1: Amendment 80 Fleet - Aggregate and Median Vessel Size Statistics

		Gross Tonnage		Net Tonnage		Length Overall (ft)		Beam (ft)		Shaft Horsepower		Fuel Capacity (thousand gal)		Vessel Age	
	Vessels	Total	Median	Total	Median	Total	Median	Total	Median	Total	Median	Total	Median	Median	Mean
2008	22	17,483	806	9,449	403	3,760	177	826	39	54,650	2,385	1,990	78	47	48
2009	21	15,482	560	8,723	380	3,546	169	784	38	48,300	2,250	1,820	77	47	47
2010	21	15,484	560	8,725	380	3,548	169	790	38	48,925	2,250	1,840	77	47	47
2011	20	15,285	775	8,568	403	3,434	177	748	39	47,400	2,385	1,770	78	47	47
2012	20	15,880	775	8,712	403	3,434	177	761	40	47,400	2,385	1,820	78	47	47
2013	18	15,495	1,008	8,451	506	3,218	185	706	40	45,075	2,560	1,770	89	47	47
2014	18	15,495	1,008	8,451	506	3,218	185	706	40	45,075	2,560	1,770	89	47	47
2015	18	16,028	1,026	8,403	506	3,218	185	706	40	45,075	2,560	1,770	89	47	47
2016	19	17,493	1,027	9,399	586	3,449	185	751	40	47,625	2,550	1,930	99	47	46
2017	19	18,283	1,027	9,543	586	3,443	185	758	40	48,025	2,550	1,950	99	45	44
2018	19	18,283	1,027	9,543	586	3,443	185	758	40	48,025	2,550	1,940	99	45	44
2019	20	21,923	1,055	10,636	630	3,705	186	808	40	54,475	2,575	2,100	105	45	42
2020	19	21,724	1,082	10,501	674	3,581	186	776	40	52,975	2,600	2,040	111	45	42
2021	19	25,514	1,119	13,472	693	3,682	192	792	40	57,152	3,000	2,120	120	43	40
2022	18	25,689	1,167	13,590	698	3,570	193	764	40	56,697	3,000	2,060	121	45	40
2023	17	24,607	1,215	13,266	703	3,412	194	727	40	54,697	3,000	1,990	122	45	40
2024	16	23,488	1,317	12,505	698	3,220	200	687	40	52,097	3,000	1,870	122	45	40
2025	14	22,272	1,436	11,612	698	2,910	209	610	40	47,497	3,050	1,760	125	45	38

Source: Amendment 80 Economic Data Reports.

Consistent with significant capital improvement in the existing fleet over the last 13 years, including the FCA vessels under new ownership as of 2017 and entry of new and replacement vessels beginning in 2016, production throughput capacity and onboard frozen storage indicators reported in Figure 6.2 and Tables 6.2 and 6.3 for the recent period confirm substantial expansion of aggregate production capacity of the fleet. Over the active fleet of 19 vessels in 2021, total processing lines increased to 35, an average of 1.8 per vessel. With an active fleet of 14 in 2025, total processing lines declined to 27, while the median of 2 per vessel has remained consistent since 2021. At 1,789 mt per day across 14 vessels, fleet aggregate processing line throughput capacity (over all product types) is only marginally lower than in 2024, with 16 vessels, and in 2016 with 19 vessels, and median daily throughput reached a high of 136 tons per day in 2025. Total species processed across the fleet also reached a high of 39 in 2025, and a high of 92 distinct products processed.

Cold-handling capacity is commonly cited as principal limiting factor in overall production capacity on Amendment 80 CP's, and the recent increasing trend in associated metrics is similar to that shown in processing line capacity. Product chilling (i.e., plate freezer) throughput and on-board frozen storage metrics are reported in Figure 6.3 and Table 6.3. Fleet-aggregate freezer throughput capacity, which ranged between 59 and 67 mt/hr on an annual basis prior to 2016, increased to 72.8 mt/hr in 2017, and reached a peak of 80 mt/hr in 2021, declining to 60 mt/hr in 2025. Fleet-aggregate cold storage capacity, which ranged between 7,300 and 7,700 mt over the 2009 to 2015 period, increased to nearly 10 thousand mt in 2021, and to a vessel median of 489 mt, a 35% increase from 2020; with five fewer vessels active in 2025, aggregate cold storage declined to 8,824 mt, while increasing at median to a time series high of 635 mt.



Figure 6.2: Amendment 80 Fleet - Aggregate Vessel Processing Capacity Statistics.

Note Tabular data shown in Table 6.2

Table 6.2: Amendment 80 Fleet - Aggregate and Median Vessel Processing Capacity Statistics

		Processing Lines on Vessel		Species Processed		Total No. Products Processed (species+product)		Max Daily Throughput, Any Product (mt)	
	Vessels	Total	Median	Total	Median	Total	Median	Total	Median
2008	22	39	1	30	18	77	28	2,498	107
2009	21	38	1	34	19	79	30	2,179	101
2010	21	38	1	36	19	82	29	2,134	95
2011	20	37	1	36	20	82	27	2,391	123
2012	20	36	1	36	20	85	30	2,046	106
2013	18	34	1	33	20	70	30	1,963	102
2014	18	34	1	32	20	72	30	1,924	107
2015	18	28	1	30	19	77	28	1,891	94
2016	19	30	1	34	20	83	32	1,897	93
2017	19	31	1	34	20	70	32	2,204	107
2018	19	31	1	37	20	83	31	2,225	117
2019	20	31	1	35	20	76	30	2,119	107
2020	19	30	1	35	20	69	28	2,189	116
2021	19	35	2	36	20	84	28	1,862	99
2022	18	33	2	34	19	87	24	2,041	122
2023	17	32	2	35	20	90	24	1,940	111
2024	16	30	2	38	20	89	26	1,878	126
2025	14	27	2	39	20	92	28	1,789	136

Source: Amendment 80 Economic Data Reports.

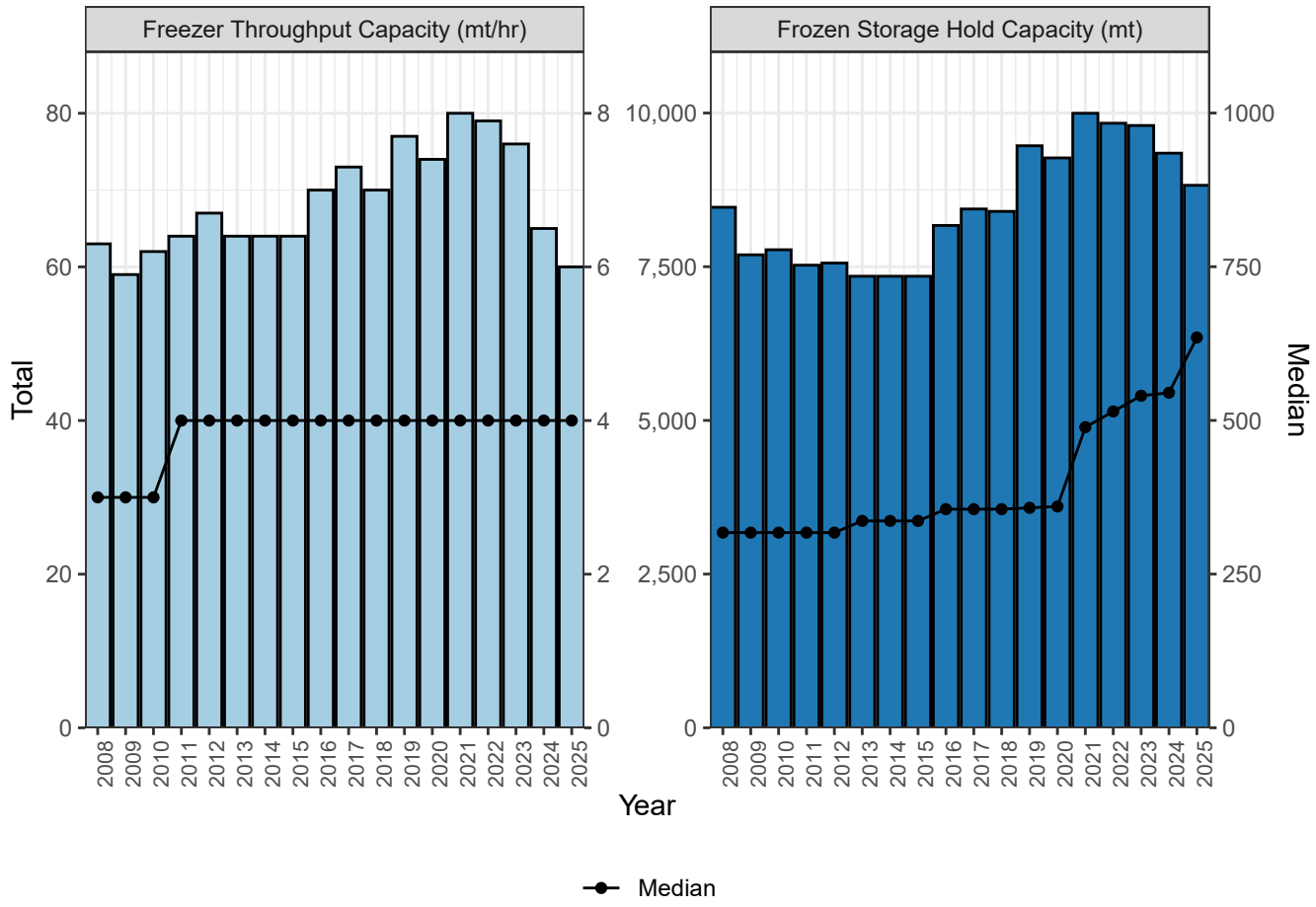


Figure 6.3: Amendment 80 Fleet - Aggregate and Median Vessel Freezer Capacity.

Note Tabular data shown in Table 6.3

Table 6.3: Amendment 80 Fleet - Aggregate and Median Vessel Freezer Capacity

		Frozen Storage Hold Capacity (mt)		Freezer Throughput Capacity (mt/hr)	
	Vessels	Total	Median	Total	Median
2008	22	8,467	317.51	63	3
2009	21	7,693	317.51	59	3
2010	21	7,776	317.51	62	3
2011	20	7,525	317.51	64	4
2012	20	7,559	317.51	67	4
2013	18	7,345	336.57	64	4
2014	18	7,345	336.57	64	4
2015	18	7,345	336.57	64	4
2016	19	8,171	355.62	70	4
2017	19	8,439	355.62	73	4
2018	19	8,400	355.62	70	4
2019	20	9,467	357.82	77	4
2020	19	9,270	360.02	74	4
2021	19	9,996	488.97	80	4
2022	18	9,834	514.53	79	4
2023	17	9,797	540.09	76	4
2024	16	9,347	545.04	65	4
2025	14	8,824	634.89	60	4

Source: Amendment 80 Economic Data Reports.

Fuel consumption statistics for the Amendment 80 fleet show some indications of increasing fuel efficiency associated with the period of replacement Amendment 80 vessels and increased capital improvement in existing vessel capital stock discussed above. Figure 6.4 shows median values for reported estimates of average hourly fuel consumption rate, in gallons per hour (gph), of Amendment 80 vessels during fishing and processing, steaming loaded, and steaming empty operational modes, and median values for annual fuel consumption, and prorata indices annual gallons per metric ton of retained catch and gallons per vessel day at sea. Median reported hourly fuel use rates vary by activity (highest during steaming loaded and lowest while steaming empty) and generally increased over the 2008 - 2016 period, reflecting the increase in median and aggregate vessel size within the active fleet. Following a period of relative stability in fleet composition, median fuel use rates, particularly while in active production and steaming loaded, have been on the increase in recent years, reaching the highest levels to date in 2025; compared to a period average from 2008 to 2020 of 101 gallons per hour, the burn rate increased to 120 gallons per hour while fishing and processing. Note that this period of greater variation, coincident with replacement vessel entries in four of the last six years, may reflect some degree of transitional adjustment on the part of new vessels in both fuel management and reporting accuracy. While total fleet fuel consumption (in gallons per year) has remained fairly constant over recent years, ranging from 11.8 million gallons in 2025 to 14.0 million gallons in 2022, vessel-level median fuel consumption has been somewhat more varied over most of the last seven years, ranging between 700 thousand gallons in 2019 to a time series high of 862 thousand gallons in 2025. Median values of pro-rata indices of fuel gallons per metric ton of retained catch and gallons per vessel day at sea both reached time-series highs in 2021, at 46 gallons/mt and 3,672 gallons/day, respectively, and both declining over the three subsequent years; in 2025, daily fuel consumption increased from the previous year to 3,390 gallons per day, while median fuel gallons per metric ton of catch remained constant from the previous year at 42 gallons/mt.

6.2 Fishing Effort - Vessel Days at Sea

Table 6.5 reports fleet aggregate and median statistics for vessel activity days reported in EDR data from 2008-2025, representing counts of days during which the vessel undertook fishing and processing operations in 1) the Bering Sea/Aleutian Islands management area, inclusive of Amendment 80 target species fisheries and all BSAI fisheries other than Amendment 80 program fisheries (inclusive of catch and processing of Open Access (OA), CDQ allocation, and/or landings on experimental or exempted fishing permits), and including mothership operations in the BSAI processing Amendment 80 program catch, 2) all GOA fishery activity, including catch and processing of Rockfish Pilot Program (RPP) catch in the GOA and/or Amendment 80 sideboard allowances in the GOA, 3) days on which the vessel was in transit (not fishing or processing) or offloading in port, and 4) inactive in shipyard [5] Note that counts of days by activity, area, and/or fishery for a given vessel are not mutually exclusive and represent days during which the vessel reported activity by fishery management program in eLandings; a given calendar day may be counted both as a day fishing and as a day processing (counts of days processing are generally inclusive of days fishing), in one or more program fisheries, as well as a day transiting/offloading. As such, the results as reported in Table 6.5 give a relative account of the distribution of fleet activity among different activities and as a upper-bound approximation of the cumulative duration of vessel use in a given activity. [6]

[5] Beginning in 2022, the Amendment 80 EDR was modified to eliminate reporting of vessel fishing and processing activity days, which was duplicative of information that is now derived from Trawl C/P Daily Production Logbook data submitted to NMFS AKRO; the EDR still collects vessel-level data on days in transit (not fishing or processing) or offloading in port, and days inactive in shipyard.

[6] Vessel days at sea (including days offloading) can be calculated using days inactive values shown above in Table 6.5 as follows: median days at sea = 365-days inactive, and fleet total days at sea = (Vessel count x 365) - fleet total days inactive.

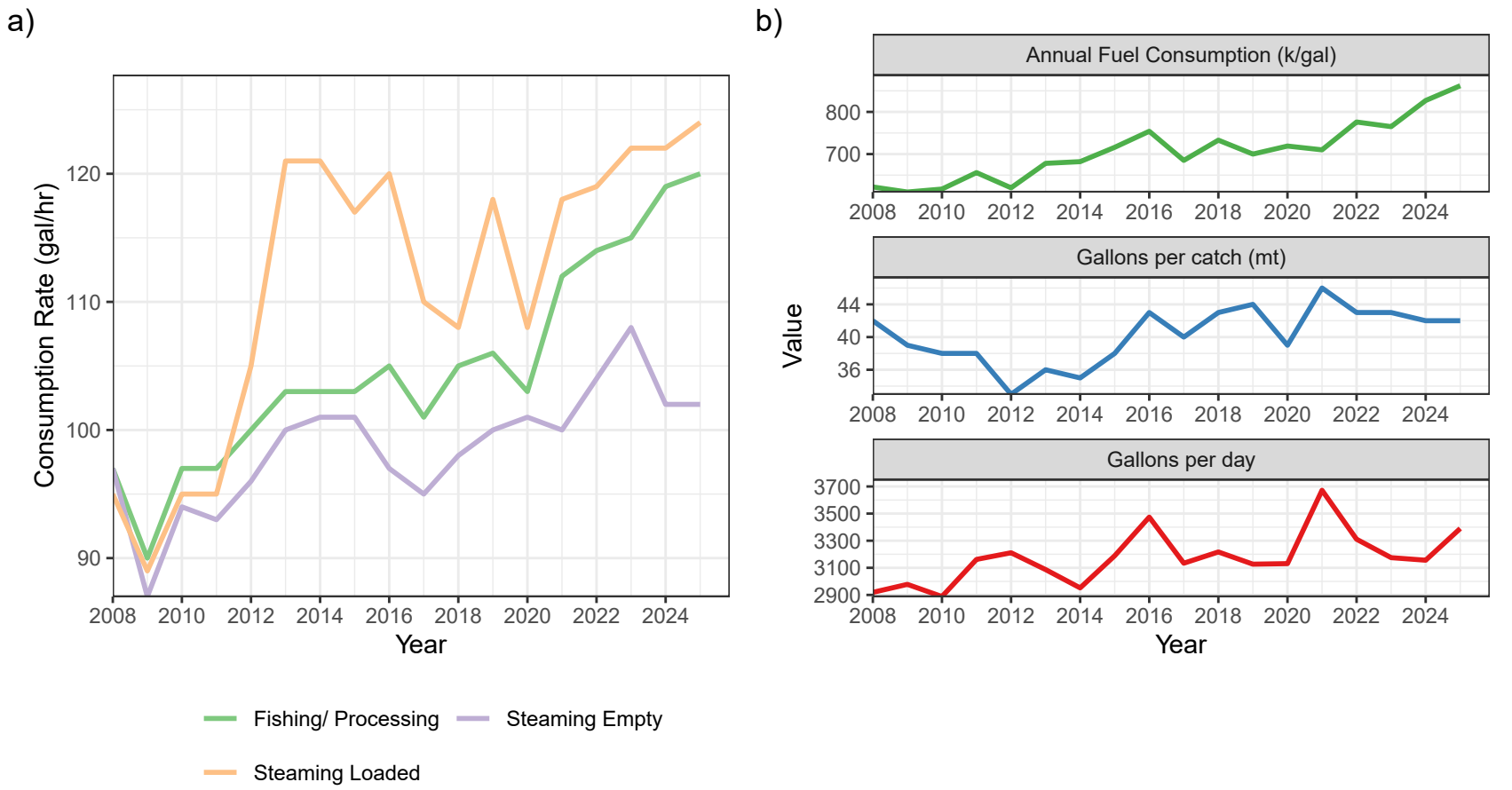


Figure 6.4: a) Amendment 80 Fleet - Median Vessel Fuel Consumption Rates by Vessel Activity, b) Median Annual Fuel Consumption (1000 gal.), Gallons per Catch (mt), and Gallons per Day, by year.

Note Tabular data shown in Table (ref:a80safetable4). EDR reporting of annual gallons per year by activity discontinued after 2021; see 2021 SAFE for statistics.

Table 6.4: Amendment 80 Fleet - Median Vessel Fuel Consumption Rates by Vessel Activity

		Avg. Fuel Use Median (gal/hr)			Annual Fuel Consumption		Gallons per catch (mt)	Gallons per day
	Vessels	Fishing/ Processing	Steaming Loaded	Steaming Empty	Median (1000 gal.)	Total (million gal.)	Median	Median
2008	22	97	95	97	622	14	42	2,919
2009	21	90	89	87	610	12	39	2,978
2010	20	97	95	94	617	13	38	2,888
2011	20	97	95	93	656	13	38	3,162
2012	20	100	105	96	620	12	33	3,211
2013	18	103	121	100	678	12	36	3,087
2014	18	103	121	101	682	13	35	2,952
2015	18	103	117	101	716	13	38	3,189
2016	19	105	120	97	754	14	43	3,474
2017	19	101	110	95	685	13	40	3,134
2018	19	105	108	98	733	14	43	3,217
2019	20	106	118	100	700	14	44	3,127
2020	19	103	108	101	719	13	39	3,131
2021	19	112	118	100	710	13	46	3,672
2022	18	114	119	104	776	14	43	3,311
2023	17	115	122	108	765	13	43	3,175
2024	16	119	122	102	827	13	42	3,156
2025	14	120	124	102	862	12	42	3,390

Source: Amendment 80 Economic Data Reports. EDR reporting of annual gallons per year by activity discontinued after 2021; see 2021 SAFE for statistics.

Metrics of operational activity have remained relatively stable over the life of the Amendment 80 program. At the fleet level prior to 2023, total annual vessel-days of processing activity in the BSAI varied between 3,573 (in 2014) and 4,257 (in 2019), and between 281 and 510 days in the GOA (noting that vessel-days fishing tracks closely and slightly lower than days processing). With the reduction to 17 active vessels during 2023, 16 in 2024 and 14 in 2025, total processing days in the BSAI fell to their lowest levels to-date, declining to 2,936 in 2025. On the basis of median days per vessel, at 230 days processing in the BSAI, 2024 was the highest value in the time-series, declining to 210 in 2025.

Table 6.5: Amendment 80 Fleet activity - Days Fishing and Processing by Fishery, and Days in Transit/Offloading and Inactive in Port, Fleet Total and Median Vessel Values

		Year	Vessels	Fleet Total	Median Vessel
		2008	22	4,148	190
		2009	21	3,660	172
		2010	20	3,766	201
		2011	20	3,593	185
		2012	20	3,521	188
		2013	18	3,554	201
		2014	18	3,477	202
		2015	18	3,575	210
		2016	19	3,821	206
		2017	19	3,700	212
		2018	19	3,926	206
		2019	20	4,176	216
		2020	19	3,806	210
		2021	19	3,658	200
		2022	18	3,698	208
		2023	17	3,398	213
		2024	16	3,222	224
	Days Fishing	2025	14	2,893	212
		2008	22	4,189	198
		2009	21	3,688	180
		2010	20	3,814	206
		2011	20	3,716	186
		2012	20	3,635	191
		2013	18	3,647	203
		2014	18	3,573	207
		2015	18	3,672	214
		2016	19	3,879	210
		2017	19	3,766	218
		2018	19	3,980	210
		2019	20	4,257	224
		2020	19	3,888	210
		2021	19	3,680	197
		2022	18	3,744	213
		2023	17	3,442	219
	Days	2024	16	3,256	230
BSAI	Processing	2025	14	2,936	210

Table 6.5: Amendment 80 Fleet activity - Days Fishing and Processing by Fishery, and Days in Transit/Offloading and Inactive in Port, Fleet Total and Median Vessel Values *(continued)*

		Year	Vessels	Fleet Total	Median Vessel
		2008	12	369	18
		2009	17	375	13
		2010	16	323	8
		2011	16	327	12
		2012	16	327	6
		2013	13	286	14
		2014	10	511	22
		2015	8	397	34
		2016	13	354	8
		2017	10	435	26
		2018	8	294	32
		2019	10	340	28
		2020	8	280	34
		2021	6	327	50
		2022	7	326	47
		2023	8	303	34
		2024	8	331	42
	Days Fishing	2025	7	270	46
		2008	12	353	19
		2009	17	376	14
		2010	16	323	8
		2011	16	329	12
		2012	16	328	6
		2013	13	287	15
		2014	10	510	22
		2015	8	407	36
		2016	13	355	8
		2017	10	436	26
		2018	8	294	32
		2019	10	341	28
		2020	8	281	34
		2021	6	325	50
		2022	7	327	47
		2023	8	299	32
	Days	2024	8	331	42
GOA	Processing	2025	7	272	46

Table 6.5: Amendment 80 Fleet activity - Days Fishing and Processing by Fishery, and Days in Transit/Offloading and Inactive in Port, Fleet Total and Median Vessel Values *(continued)*

		Year	Vessels	Fleet Total	Median Vessel
		2008	22	1,318	58
		2009	21	1,398	72
		2010	20	1,681	77
		2011	20	1,956	80
		2012	20	1,682	69
		2013	18	1,560	80
		2014	18	1,401	65
		2015	18	1,327	69
		2016	19	1,332	69
		2017	19	1,465	68
		2018	19	1,431	59
		2019	20	1,314	58
		2020	19	1,338	61
		2021	19	1,371	67
		2022	18	1,468	71
		2023	17	1,271	68
	Days	2024	16	1,257	68
	Travel/Offload	2025	14	1,080	68
		2008	22	1,980	94
		2009	21	2,355	100
		2010	20	1,928	81
		2011	20	1,857	78
		2012	20	2,089	98
		2013	18	1,466	74
		2014	18	1,301	73
		2015	18	1,298	75
		2016	19	1,319	61
		2017	19	1,373	69
		2018	19	1,079	55
		2019	20	1,211	63
		2020	19	1,322	63
		2021	18	1,012	59
		2022	18	1,215	58
		2023	17	1,339	68
Non-Fishing		2024	16	1,172	56
and Inactive	Days Inactive	2025	14	945	63

Note: Vessel activity days as reported in this table are not mutually exclusive with respect to activity type, and summing number of days over activity categories may total to more than 365 for a given vessel. Vessel days at sea (including days offloading) can be calculated using days inactive values shown above as follows: median vessel days at sea = 365-days inactive, and fleet total days at sea = (Vessel count x 365) - fleet total days inactive.
Source: Days fishing by area are sourced from NMFS Alaska Region Groundfish Catch Accounting System (CAS) data, and days processing by area are sourced from NMFS Alaska Region Daily Groundfish At-Sea Production Reports. Days processing and days travel/offloading are sourced from the A80 Economic Data Report. Source data and compilation are provided by the Alaska Fisheries Information Network (AKFIN).

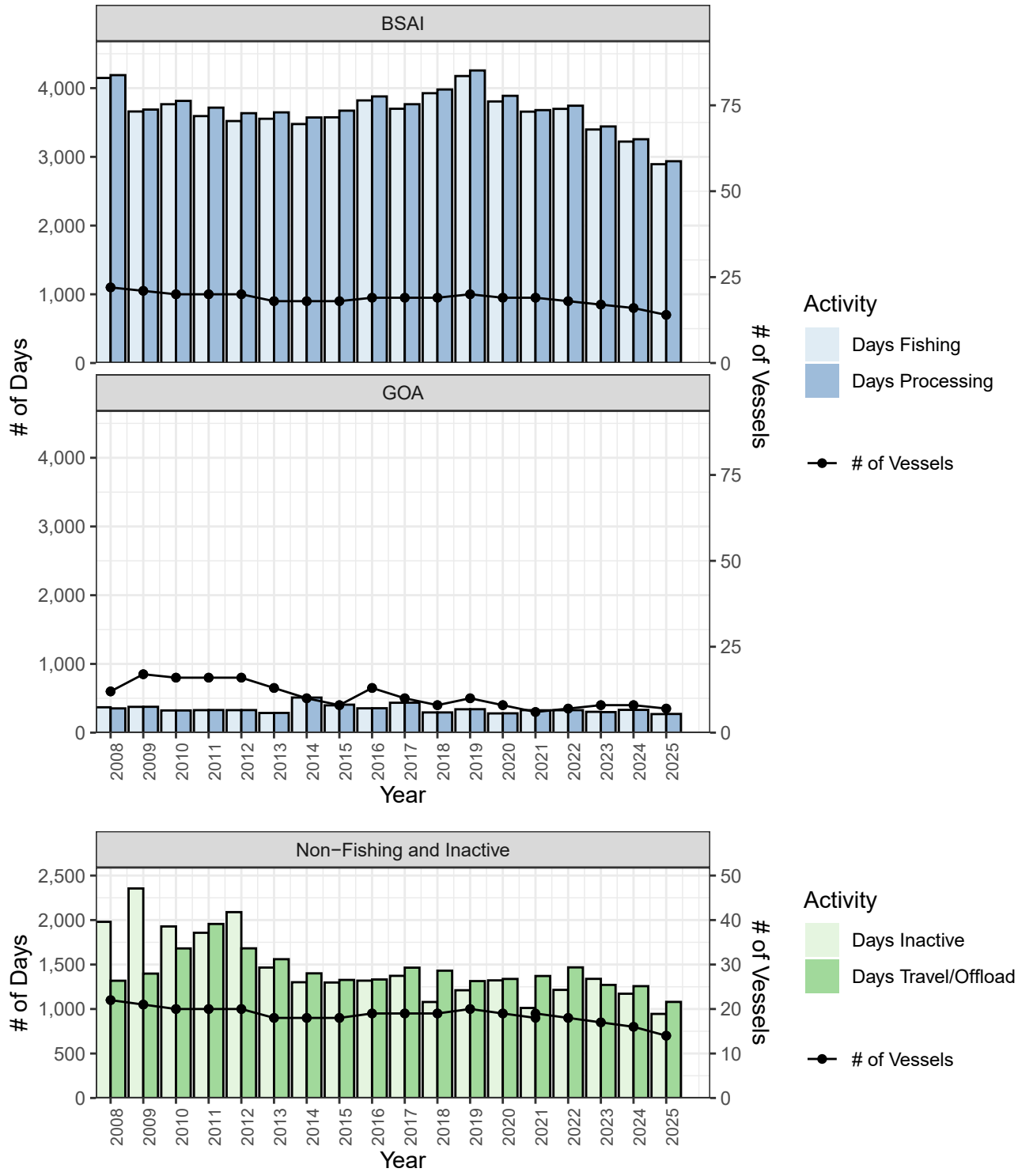


Figure 6.5: Amendment 80 Fleet activity - Days Fishing and Processing by Fishery and Days in Transit/Offloading and Inactive in Port

Note Tabular data shown in Table 6.5.

6.3 Catch, Production, and Value

Figure 6.6 and Table 6.6 report annual fleet aggregate and median vessel-level values for retained and discarded catch, volume of processed product in finished weight terms (in metric tons), and estimated wholesale value of finished processed volume (aggregate and per-mt values in $US adjusted to 2025-equivalent value using the GDP deflator).[7] Statistics for these metrics are shown aggregated over all Alaska fisheries, and stratified by Amendment 80 target species (as a group), all other species caught in fisheries in the BSAI, all species caught in fisheries in the Gulf of Alaska (GOA). Note that finished production volume statistics summarized in Figure 6.6 and Table 6.6 are sourced from NMFS Alaska Region At-Sea Production Reporting system data, with wholesale value of production estimated using average species/product per-unit prices sourced from ADFG Commercial Operators Annual Report (COAR) data; estimated wholesale value is distinct from realized wholesale revenue from sales as reported in the Amendment 80 EDR and addressed in the Operating Income and Costs discussion below (see Figure 6.7 and Table 6.8).

Retained catch of Amendment 80 species in the BSAI has varied within a relatively narrow range over most of the management program history, between 207 thousand and 271 thousand metric tons (mt) in aggregate, averaging 245 thousand mt per year over the period. Exhibiting generally modest year-on-year variation in percentage terms (typically less than 3%) most years, aggregate retained catch of A80 program species exhibited greater variation in 2020 to 2023, with the time series low of 207 thousand mt occurring in 2021, increasing by 22% to 252 thousand mt in 2022, and declining by 11% in 2023 to 223 thousand mt; 2024 and 2025 saw modest increases, to 232 thousand mt (+4%) and 235 thousand mt (+1%), respectively. Collectively, Amendment 80 target species comprise the largest share of total annual retained catch within the Amendment 80 fleet, varying between 69% and 81%, and averaging 73% over the period, and was 74% in both 2024 and 2025. Retained catch of non-A80 species in the BSAI, and of all species in the GOA, have averaged 19% and 8%, respectively, of fleet-level total retained catch over the 18 year period.

Amendment 80 fleet discard rates and volume across all Alaska fisheries generally declined over the first several years of the management program, from a high of 13% in 2009 to 8% in 2014, and have largely stabilized at 5% to 9% in subsequent years, averaging 7%. Total annual A80 fleet discard weight is comprised primarily of discard in non-A80 target fisheries in the BSAI, in which discard rate declined from 58% in 2008 to 32% in 2014, subsequently varying between a high of 32% in 2021 to a low of 19% in 2025. Discard rate in Amendment 80 program target species is generally much lower, averaging 5% from 2008 to 2010, and varying between 1% to 2% over the most recent 12 years through 2025.

[7] Note that finished production volume and wholesale value reported in Figure 6.6 and Table 6.6 are derived from data sourced from NMFS Alaska Region At-Sea Production Reporting system and ADF&G's Commercial Operators Annual Report, where wholesale value represents processors' estimated value of products produced in the previous year, and is distinct from annual revenue from products sold reported in Figure 6.7 and Table 6.8, sourced from NMFS' Amendment 80 Economic Data Report.



Figure 6.6: Amendment 80 Fleet - Aggregate Retained Catch, Discard Volume and Rate, Finished Production Volume and Wholesale Value, Average Price, and Product Recovery Rate, by Fishery and Area.

Note Tabular results for fleet aggregate and median statistics are reported in Table 6.6.

Finished production volume in the Amendment 80 sector across all fisheries generally increased over the first six years of the management program, from a low of 181 thousand mt in 2009, to a historical high of 218 thousand mt in 2014, and subsequently remained quite stable near an average of 202 thousand mt per year through 2020. Corresponding to the pattern in retained catch of A80 species noted above, finished production between 2020 and 2022 was more variable, dropping sharply in 2021 to a historic low of 171 thousand mt, recovering to 203 thousand mt in 2022, but declining in each of the most recent three years, to 189 thousand mt in 2025, comprising the three lowest production years since 2009. The 2021 decline in total finished production was driven largely by a 23 thousand mt (16%) decline in Amendment 80 target fisheries production, compounded by a 22% decline in other BSAI species finished production. In 2025, a 4% production increase in A80 species to 143.6 thousand mt was offset by 7% and 18% declines in finished production in GOA and non-A80 species in the BSAI, respectively.

First wholesale value of finished production, aggregated across all species processed in the sector, has varied in line with annual average per-unit values (prices), driven by variation in average price over Amendment 80 target species. Average value per mt was fairly volatile from 2008 to 2013, varying between $2,060 and $2,784 per mt. High volatility returned beginning 2017, with a 26% increase (the largest year-on-year percentage change in average price to-date), followed by an 11% rise to a time-series high of $3,028 per mt in 2018. Sharp declines followed in each of the next three years, with average price reaching a historic low of $1,851 in 2021. This was concurrent with a historic low in finished production volume from A80 target species, resulting in a historic low in first wholesale value of $231 million that year, 33% below the time-series average of $347 million per year. Both average price and production volumes recovered substantially in 2022, causing total production value across all A80 species to increase by 38% to $319 million. Substantial declines in both production volume and average prices (9% and 5%, respectively) drove a 14% decline in 2023 aggregate value to $276 million in A80 species fisheries, and an 11% decline in aggregate across all production in the sector, to $379 million, the third lowest values to-date; 2024 saw prices and aggregate value largely stabilize, for a modest 1% increase in aggregate production value across the sector to $384 million; 2025 saw more substantial gains, with average price over A80 species increasing by 7%, and in GOA production by 17%, offsetting the mixed trends in production volume, to produce an overall 7% gain in value of production across all fisheries, to $409 million for the year.

Further analysis of production, prices, and market conditions for individual species, Amendment 80 target species and others, are provided elsewhere in the Economic Status Report.

Table 6.6: Amendment 80 Fleet - Retained Catch and Discard Volume and Rate, by Fishery and Area, Fleet Total and Median Vessel Values

			Fleet Aggregate			Median Vessel		
	Year	Vessels	Retained catch (1000t)	Discard (1000t)	Discard rate (% of total catch)	Retained catch (1000t)	Discard (1000t)	Discard rate (% of total catch)
BSAI - Amendment 80 target species	2008	22	270.64	11.42	4	13.01	0.30	3
	2009	21	239.66	12.80	5	12.22	0.51	5
	2010	20	257.57	12.68	5	13.96	0.44	3
	2011	20	262.29	6.50	2	14.34	0.17	2
	2012	20	265.04	6.82	3	14.55	0.23	2
	2013	18	260.43	6.79	3	15.03	0.31	2
	2014	18	254.97	3.17	1	13.94	0.15	1
	2015	18	248.00	3.08	1	12.84	0.18	1
	2016	19	253.93	3.98	2	13.68	0.15	1
	2017	19	238.78	2.93	1	12.25	0.13	1
	2018	19	241.76	3.12	1	12.05	0.16	1
	2019	20	236.27	3.80	2	10.76	0.18	2
	2020	19	227.27	3.36	1	9.65	0.16	2
	2021	19	207.03	3.61	2	10.32	0.17	2
	2022	18	251.86	4.26	2	14.01	0.18	2
	2023	17	222.98	3.67	2	12.31	0.20	2
	2024	16	231.85	2.80	1	12.87	0.15	1
	2025	14	234.53	2.87	1	15.43	0.18	1
BSAI - All other species	2008	22	44.81	25.83	58	1.82	1.27	69
	2009	21	55.43	20.94	38	2.30	1.00	50
	2010	20	63.18	20.49	32	2.38	0.96	45
	2011	20	62.11	17.45	28	3.16	0.80	27
	2012	20	60.34	13.51	22	3.17	0.63	23
	2013	18	70.85	20.27	29	3.97	1.17	30
	2014	18	73.94	23.83	32	3.94	1.22	31
	2015	18	59.78	14.88	25	3.66	0.79	26
	2016	19	60.12	14.84	25	3.33	0.77	27
	2017	19	53.02	12.89	24	3.09	0.60	23
	2018	19	63.04	18.51	29	3.41	0.87	28
	2019	20	67.32	17.45	26	3.30	0.86	27
	2020	19	72.03	18.42	26	3.96	1.01	23
	2021	19	59.52	18.76	32	2.68	0.77	24
	2022	18	64.94	18.69	29	3.55	0.90	25
	2023	17	72.04	17.61	24	4.17	0.88	21
	2024	16	69.71	19.51	28	4.00	0.62	24
	2025	14	54.04	10.18	19	3.68	0.60	19

Table 6.6: Amendment 80 Fleet - Retained Catch and Discard Volume and Rate, by Fishery and Area, Fleet Total and Median Vessel Values *(continued)*

			Fleet Aggregate			Median Vessel		
	Year	Vessels	Retained catch (1000t)	Discard (1000t)	Discard rate (% of total catch)	Retained catch (1000t)	Discard (1000t)	Discard rate (% of total catch)
	2008	12	20.54	3.76	18	1.88	0.29	15
	2009	17	20.19	6.09	30	0.99	0.17	24
	2010	16	21.36	5.25	25	0.91	0.24	18
	2011	16	24.34	4.42	18	0.75	0.19	16
	2012	16	24.20	3.40	14	0.67	0.07	13
	2013	13	20.46	3.61	18	0.98	0.15	10
	2014	10	39.19	2.96	8	2.11	0.13	6
	2015	9	27.05	2.53	9	2.14	0.23	6
	2016	13	22.29	1.61	7	0.70	0.02	2
	2017	10	29.43	2.70	9	2.58	0.06	3
	2018	8	22.82	1.29	6	2.61	0.09	5
	2019	10	23.76	2.39	10	2.15	0.05	10
	2020	8	21.39	1.61	8	2.80	0.13	9
	2021	6	27.77	3.25	12	5.17	0.31	13
	2022	7	31.36	2.37	8	5.65	0.30	8
	2023	8	28.07	2.45	9	3.16	0.27	8
GOA - All	2024	8	31.17	2.87	9	4.29	0.34	10
species	2025	7	29.07	1.88	6	5.09	0.15	5
	2008	22	335.99	41.00	12	15.76	1.63	12
	2009	21	315.29	39.83	13	16.12	1.70	11
	2010	20	342.11	38.43	11	18.58	1.69	12
	2011	20	348.74	28.37	8	18.88	1.43	8
	2012	20	349.58	23.74	7	18.57	1.21	8
	2013	18	351.74	30.67	9	19.65	1.66	9
	2014	18	368.11	29.96	8	20.07	1.38	8
	2015	18	334.83	20.49	6	19.39	1.13	6
	2016	19	336.34	20.44	6	19.40	1.07	6
	2017	19	321.23	18.52	6	15.27	0.88	6
	2018	19	327.62	22.92	7	16.97	1.13	6
	2019	20	327.36	23.64	7	15.54	1.07	7
	2020	19	320.69	23.39	7	16.99	1.17	7
	2021	19	294.33	25.62	9	15.36	1.22	9
	2022	18	348.15	25.32	7	17.68	1.13	7
	2023	17	323.08	23.72	7	17.21	1.23	7
All Alaska	2024	16	332.73	25.18	8	18.10	0.99	8
Fisheries	2025	14	317.63	14.93	5	21.07	0.98	4

Note: All dollar values are inflation-adjusted to 2025, -equivalent value. Fleet aggregate discard rate represents total discarded catch as a percentage of total retained catch.

Amendment 80 target species are: Atka mackerel, yellowfin sole, flathead sole, rock sole, Pacific Ocean perch, and Pacific cod.
Source: Catch and discard statistics sourced from NMFS Alaska Region Catch Accounting System data, and production volume statistics are sourced from NMFS Alaska Region At-Sea Production Reporting system data, with production value estimated using average species/product per-unit prices sourced from ADFG Commercial Operators Annual Report (COAR) data; source data and compilation are provided by the Alaska Fisheries Information Network (AKFIN).

Table 6.7: Amendment 80 Fleet - Finished Production Volume and Value, Average Price, and Recovery Rate, by Fishery and Area, Fleet Total and Median Vessel Values

			Fleet Aggregate				Median Vessel		
	Year	Vessels	Finished weight (1000t)	Wholesale value ($million)	Weighted average price ($/t)	Recovery Rate (% of roundweight)	Finished weight (1000t)	Wholesale value ($million)	Recovery Rate (% of roundweight)
	2008	22	152.31	358.29	2352	64	6.89	15.51	65
	2009	21	140.54	290.23	2065	64	7.52	14.34	65
	2010	20	154.95	353.03	2278	63	8.43	17.47	63
	2011	20	163.61	455.44	2784	63	8.56	21.53	63
	2012	20	167.18	455.86	2727	64	8.96	21.72	63
	2013	18	159.85	329.25	2060	61	8.32	16.33	61
	2014	18	158.16	337.42	2133	62	8.53	14.88	62
	2015	18	153.65	329.45	2144	61	7.57	13.67	62
	2016	19	158.99	343.95	2163	62	8.15	15.32	62
	2017	19	158.31	433.20	2736	62	7.29	17.17	62
	2018	19	154.99	469.31	3028	62	7.33	21.96	62
	2019	20	150.28	382.05	2542	60	6.34	15.27	62
	2020	19	148.41	306.13	2063	62	7.16	13.56	62
	2021	19	125.25	231.78	1851	61	6.54	11.14	62
BSAI -	2022	18	153.01	319.90	2091	62	8.59	17.60	62
Amendment	2023	17	138.66	276.02	1991	62	7.51	17.17	62
80 target	2024	16	138.16	271.09	1962	61	8.27	17.86	61
species	2025	14	143.64	302.86	2108	62	9.97	24.19	61

Table 6.7: Amendment 80 Fleet - Finished Production Volume and Value, Average Price, and Recovery Rate, by Fishery and Area, Fleet Total and Median Vessel Values *(continued)*

			Fleet Aggregate				Median Vessel		
	Year	Vessels	Finished weight (1000t)	Wholesale value ($million)	Weighted average price ($/t)	Recovery Rate (% of roundweight)	Finished weight (1000t)	Wholesale value ($million)	Recovery Rate (% of roundweight)
	2008	22	22.28	51.00	2289	61	0.92	2.01	60
	2009	21	29.67	59.99	2022	62	1.23	2.00	60
	2010	20	34.29	65.19	1901	61	1.27	2.20	60
	2011	20	34.77	85.01	2445	61	1.71	3.86	61
	2012	20	34.05	90.61	2661	62	1.82	4.12	62
	2013	18	37.90	73.87	1949	60	2.18	4.39	60
	2014	18	38.74	76.47	1974	60	2.12	4.10	60
	2015	18	32.96	59.55	1807	61	1.96	3.26	60
	2016	19	31.77	77.11	2427	60	1.64	2.69	59
	2017	19	29.36	72.95	2485	61	1.53	2.72	60
	2018	19	33.10	68.09	2057	60	1.88	3.53	59
	2019	20	36.79	80.63	2192	60	1.81	3.46	59
	2020	19	39.53	74.76	1891	60	2.11	3.39	60
	2021	19	30.87	54.24	1757	60	1.42	2.08	60
	2022	18	32.86	68.29	2078	60	1.79	3.50	59
BSAI -	2023	17	36.91	71.54	1938	60	2.33	4.60	59
All other	2024	16	35.86	75.76	2113	60	2.19	4.65	59
species	2025	14	29.55	66.13	2238	61	1.92	3.91	60

Table 6.7: Amendment 80 Fleet - Finished Production Volume and Value, Average Price, and Recovery Rate, by Fishery and Area, Fleet Total and Median Vessel Values *(continued)*

			Fleet Aggregate				Median Vessel		
	Year	Vessels	Finished weight (1000t)	Wholesale value ($million)	Weighted average price ($/t)	Recovery Rate (% of roundweight)	Finished weight (1000t)	Wholesale value ($million)	Recovery Rate (% of roundweight)
	2008	12	11.10	31.32	2822	56	0.93	2.56	52
	2009	17	10.95	29.34	2679	58	0.42	1.25	51
	2010	16	12.15	38.42	3162	58	0.49	1.61	52
	2011	16	13.85	56.13	4053	57	0.39	1.92	52
	2012	16	13.21	47.13	3568	56	0.38	1.55	51
	2013	13	11.71	31.26	2670	57	0.54	1.77	51
	2014	10	21.34	59.59	2792	58	1.13	4.26	53
	2015	9	15.29	41.05	2685	57	1.88	5.67	54
	2016	13	12.74	38.77	3043	55	0.37	0.92	52
	2017	10	16.90	58.03	3434	58	1.38	5.16	54
	2018	8	12.64	39.19	3100	54	1.49	4.92	53
	2019	10	13.59	30.90	2274	55	1.10	2.92	55
	2020	8	11.91	23.06	1936	55	1.58	3.43	55
	2021	6	14.83	29.58	1995	54	2.62	4.89	53
	2022	7	17.00	39.99	2352	55	3.23	7.42	57
GOA -	2023	8	16.07	31.75	1976	56	1.76	3.63	56
All	2024	8	17.12	37.22	2174	56	2.38	5.35	58
species	2025	7	15.91	40.36	2537	55	2.61	7.10	52

Table 6.7: Amendment 80 Fleet - Finished Production Volume and Value, Average Price, and Recovery Rate, by Fishery and Area, Fleet Total and Median Vessel Values *(continued)*

			Fleet Aggregate				Median Vessel		
	Year	Vessels	Finished weight (1000t)	Wholesale value ($million)	Weighted average price ($/t)	Recovery Rate (% of roundweight)	Finished weight (1000t)	Wholesale value ($million)	Recovery Rate (% of roundweight)
	2008	22	185.69	440.61	2373	63	8.26	18.97	64
	2009	21	181.15	379.56	2095	63	9.18	17.54	63
	2010	20	201.38	456.63	2268	62	10.66	21.66	63
	2011	20	212.23	596.59	2811	62	10.96	29.74	62
	2012	20	214.44	593.61	2768	63	10.55	28.22	63
	2013	18	209.45	434.37	2074	61	10.75	21.50	61
	2014	18	218.25	473.48	2169	61	11.79	24.72	62
	2015	18	201.90	430.06	2130	61	11.44	21.84	62
	2016	19	203.50	459.84	2260	61	10.80	23.65	62
	2017	19	204.58	564.19	2758	62	10.09	28.81	62
	2018	19	200.73	576.59	2872	61	10.76	28.74	61
	2019	20	200.66	493.58	2460	60	9.21	21.74	60
	2020	19	199.86	403.96	2021	61	11.03	20.37	61
	2021	19	170.95	315.59	1846	60	8.55	18.20	60
	2022	18	202.88	428.18	2111	61	10.29	22.40	60
All	2023	17	191.64	379.32	1979	61	9.92	21.16	61
Alaska	2024	16	191.14	384.07	2009	61	11.36	26.24	61
Fisheries	2025	14	189.10	409.35	2165	61	12.60	31.29	61

Note: All dollar values are inflation-adjusted to 2025, -equivalent value. Fleet aggregate discard rate represents total discarded catch as a percentage of total retained catch. Amendment 80 target species are: Atka mackerel, yellowfin sole, flathead sole, rock sole, Pacific Ocean perch, and Pacific cod.
Source: Catch and discard statistics sourced from NMFS Alaska Region Catch Accounting System data, and production volume statistics are sourced from NMFS Alaska Region At-Sea Production Reporting system data, with production value estimated using average species/product per-unit prices sourced from ADFG Commercial Operators Annual Report (COAR) data; source data and compilation are provided by the Alaska Fisheries Information Network (AKFIN).

6.4 Operating Income, Costs, and Capital Expenditures

The following section provides a brief summary of the economic performance of the Amendment 80 sector over the 18-year period since implementation of Amendment 80 in 2008, in terms of sector/fleet and median vessel-level statistics for annual gross revenues, annual operating expenses, net operating income calculations, and capital investment expenditures. The analysis is limited to reporting summarized results calculated from available revenue and cost data, and does not currently encompass a broader analytical assessment of trends in reported outcomes and causal factors driving economic and financial performance of the sector.

6.4.1 Revenues

Figure 6.7 and Table 6.8 present a summary of annual revenues for the Amendment 80 sector (including all Amendment 80 LLP holders and QS entities), by revenue source. Fishery product sales represent the overwhelming source of revenue for the sector; quota lease royalty revenue is received by a varying number of QS holders, always a minority and fewer than five from 2020 to 2023. As a reflection of the limited extent of QS lease activity within the sector, QS royalty revenue has varied between 0% and 0.4% of aggregate annual revenue across the sector in any given year (and, being offset by QS lease costs, royalty revenue solely represents an economic transfer within the sector; see discussion of QS lease costs below).[8] Revenue from other sources has been negligible over the time period: income from non-production vessel services (e.g., tendering, charters, cargo transport) has been reported in only four years and by a single entity, and only one LLP sale has been reported in EDR data since 2008 (results are confidential for both revenue categories).[9]

Aggregate fishery product sales, which ranged from $347 million to $566 million between 2008 and 2017, reached a peak of $563 million in 2018, followed by a steady decline over the next three years, reaching the lowest level in the time-series up to 2021, declining 16% from the previous year to $316 million in aggregate ($19 million at the median, by a small margin, the second lowest value in the time series after 2008). Sales revenue reversed trend briefly for 2022, gaining 26% year-on-year to $401 million, but declined again in 2023 to $380 million. The trend reversed in 2024, with sales revenue gaining 6%, to $402 million, and gained 9% for 2025, reaching $439 million on sales of 181 thousand metric tons, with aggregate sales volume remaining flat over the last three years. On a median vessel-level basis, sales volume and value has been more consistently variable year-on-year, with the 2020-2023 trough in aggregate sales mitigated by fleet contraction from 20 vessels in 2019 to 17 vessels in 2023; with further contraction to 14 vessels in 2025, median revenue

[8] Fleet consolidation was not a management objective in developing Amendment 80 given the limited number of CPs comprising the fleet historically, most of which continue to be active in the fishery to-date. As a result, leasing activity of QS and other transferable allocations within the fishery has been limited compared to other catch-shares management programs in Alaska fisheries (e.g., BSAI Crab Rationalization, Halibut IFQ) where consolidation was a prominent management outcome facilitated by introduction of transferable quota. In addition, most of the companies that hold A80 QS operate multiple vessels and primarily effect QS transfers internally. The number of QS permit holders (lessors) reporting revenue from leasing QS for a given Amendment 80 target species has ranged from zero (0) to as many as 9, while the number of vessels reporting costs (lessees) for QS allocation from Amendment 80 QS permit holders ranges from 0 to 8; due to the small number of entities reporting lease activity, little useful information regarding quota lease markets for individual species can be reported.

[9] As of 2025, only one Amendment 80 entity has reported revenue from permanent sale of LLP license assets in an annual EDR (not shown in Table 6.8); other LLP sale transfers have occurred, but were associated with exit of the entity from the Amendment 80 sector and thus are not captured in EDR submissions that apply only to current sector entities.

from sales increased by 29% from 2024, to $31.4 million on 12.1 thousand metric tons of volume, both representing time-series highs.

6.4.2 Operating expenses

Figures 6.8 and 6.9, respectively, summarize sector-level aggregate annual expenses incurred by Amendment 80 CPs from 2008 to 2025 as operating costs for all fishing and processing activity, by expense item, and pro-rata indices by category of expense item in terms of 1) cost per day of vessel operation, 2) cost per thousand metric ton of finished product output, 3) item cost as a proportion of total vessel expenses (including overhead), and 4) as a proportion of total vessel gross revenue. The figures summarize statistics reported in Table 6.9 representing aggregated results for the fleet as a whole, while Table 6.10 provides results on a median per-vessel basis. Operating expenses are grouped into the following categories: *labor costs* (including crew share, wages, and payroll taxes for deck crews, processing employees, and for officers and all other on-board personnel, and all benefits, travel, recruitment, and other labor-related expenses); *vessel costs* (repair and maintenance, fishing gear, equipment leases, and associated freight costs); *materials* (fuel, lubrication and fluids, food and provisions, production and packaging materials, and raw fish purchases); *fees* (fishery landing taxes, cooperative costs (which includes *ad-valorem* cost-recovery fees assessed by NMFS on A80 cooperatives), observer fees, and QS and other permit lease costs); and *overhead* (general administrative costs, insurance, and product and other freight services). It should be noted that the categorized expenses constitute the majority of operating costs incurred, but are not inclusive of all annual expenses, notably excluding financial expenses (e.g., interest payments on outstanding debt and asset depreciation); however, as the omitted items primarily reflect annualized costs of prior years' capitalized purchases, do not tend to vary directly relative to annual operation and production cost. As such, statistics reporting aggregate annual operating expenses herein represent a close lower-bound approximation of annual operating costs of production within the fleet, and a less-inclusive lower bound index of total (variable and fixed) annual expenses. The cost per day and cost per thousand mt pro-rata indices shown in Figure 6.8 and Tables 6.9 and 6.10 provide relative indices of cost per unit of vessel effort and production output, respectively, and are most relevant for those input costs that vary most directly with production level, particularly fishing crew and processing labor costs, material expenses, and (somewhat less directly) vessel costs.

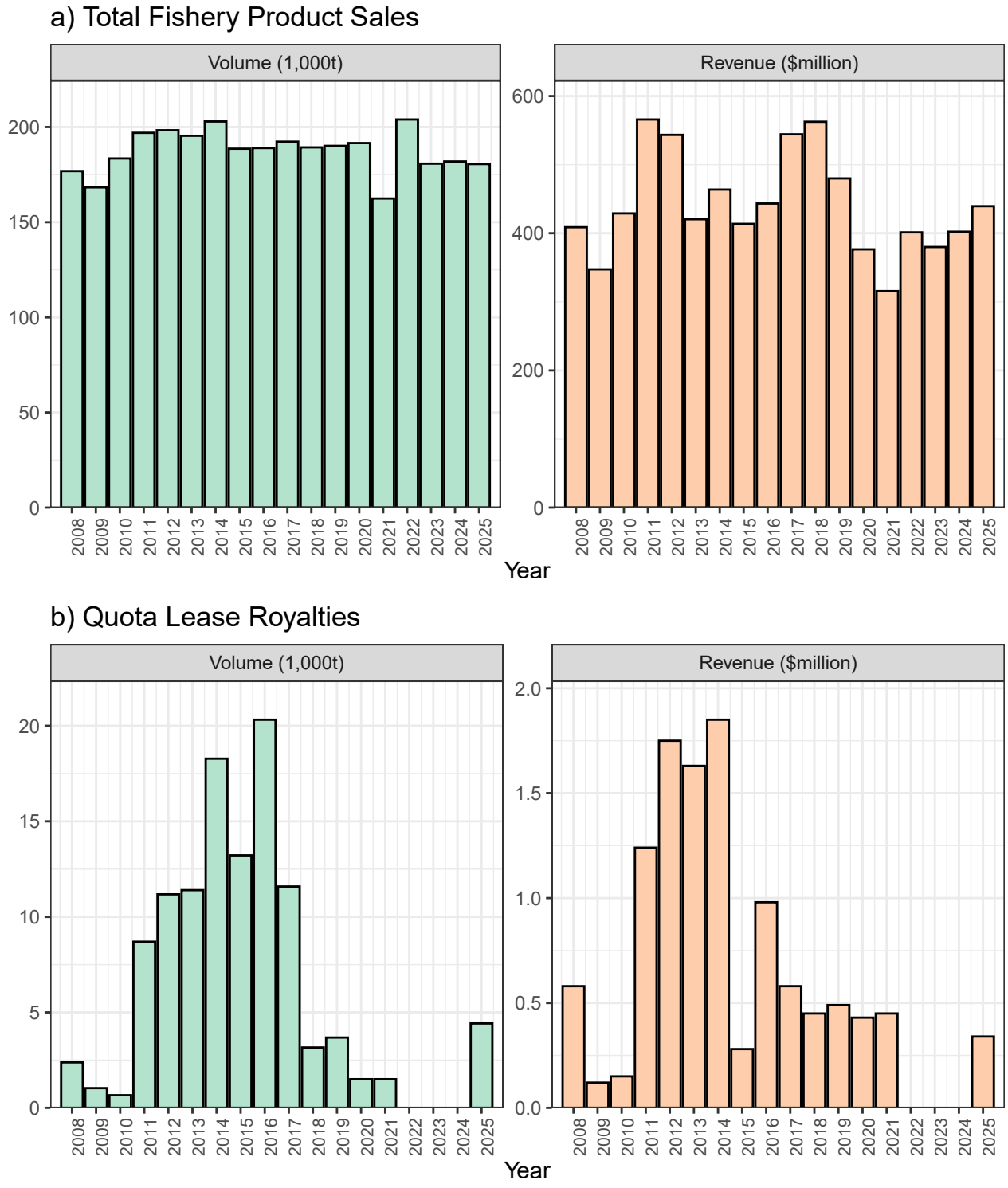


Figure 6.7: Amendment 80 Sector Annual Revenue from All Sources, including Volume and Value of Total Fishery Product Sales Quota Royalties.

NoteTabular data shown in Table 6.8.

Table 6.8: Amendment 80 Sector Annual Revenue from All Sources, including Volume and Value of Total Fishery Product Sales, Other Vessel Income, and Quota Royalties

			Total		Median	
		LLPs	Revenue ($million)	Volume (1,000t)	Revenue ($million)	Volume (1,000t)
Total Fishery Product Sales	2008	22	$ 408.76	176.85	$ 18.24	7.47
	2009	21	$ 347.37	168.31	$ 15.52	8.45
	2010	20	$ 428.88	183.48	$ 19.69	9.76
	2011	20	$ 565.92	196.97	$ 27.68	10.17
	2012	20	$ 543.45	198.31	$ 26.07	9.39
	2013	18	$ 420.49	195.42	$ 21.25	10.38
	2014	18	$ 463.66	202.93	$ 24	10.65
	2015	18	$ 413.67	188.63	$ 21.04	10.58
	2016	19	$ 443.3	188.98	$ 21.73	9.96
	2017	19	$ 544.26	192.33	$ 25.74	9.5
	2018	19	$ 562.63	189.32	$ 30.3	10.29
	2019	20	$ 479.92	190.11	$ 21.44	8.55
	2020	19	$ 376.47	191.59	$ 22.06	10.6
	2021	19	$ 315.63	162.43	$ 18.56	8.17
	2022	18	$ 401.24	203.99	$ 22.28	10.31
	2023	17	$ 379.91	180.79	$ 20.92	9.19
	2024	16	$ 402.16	181.94	$ 24.33	10.26
	2025	14	$ 439.44	180.57	$ 31.41	12.09
Quota Lease Royalties	2008	6	$ 0.58	2.38	$ 0.03	0.17
	2009	3	$ 0.12	1.03	$ 0.04	0.46
	2010	6	$ 0.15	0.66	$ 0.02	0.1
	2011	10	$ 1.24	8.7	$ 0.05	0.32
	2012	10	$ 1.75	11.18	$ 0.1	0.65
	2013	7	$ 1.63	11.4	$ 0.28	2
	2014	8	$ 1.85	18.28	$ 0.27	2.85
	2015	4	$ 0.28	13.22	$ 0.07	3.3
	2016	5	$ 0.98	20.32	$ 0.24	5.07
	2017	5	$ 0.58	11.59	$ 0.13	1.56
	2018	6	$ 0.45	3.16	$ 0.01	0.6
	2019	5	$ 0.49	3.68	$ 0.11	0.36
	2020	4	$ 0.43	1.5	$ 0.08	0.34
	2021	4	$ 0.45	1.5	$ 0.1	0.35
	2022	2	*	*	*	*
	2023	1	*	*	*	*
	2024	2	*	*	*	*
	2025	5	$ 0.34	4.42	$ 0.07	1.3

Table 6.8: Amendment 80 Sector Annual Revenue from All Sources, including Volume and Value of Total Fishery Product Sales, Other Vessel Income, and Quota Royalties *(continued)*

			Total		Median	
		LLPs	Revenue ($million)	Volume (1,000t)	Revenue ($million)	Volume (1,000t)
	2008	0	-	-	-	-
	2009	0	-	-	-	-
	2010	1	*	-	*	-
	2011	0	-	-	-	-
	2012	1	*	-	*	-
	2013	1	*	-	*	-
	2014	0	-	-	-	-
	2015	0	-	-	-	-
	2016	0	-	-	-	-
	2017	0	-	-	-	-
	2018	0	-	-	-	-
	2019	0	-	-	-	-
	2020	0	-	-	-	-
Other	2021	0	-	-	-	-
Income	2022	0	-	-	-	-
from	2023	0	-	-	-	-
Vessel	2024	0	-	-	-	-
Operations	2025	1	*	-	*	-

Note: All dollar values are inflation-adjusted to 2025, -equivalent value. Fleet aggregate catch and production volumes are shown in 1000s of metric tons(t), and fleet aggregate and median revenue values are shown in $million. ''*'' indicates value is suppressed for confidentiality. Revenue statistics include all Amendment 80 entities that reported revenue from the respective sources, including Amendment 80 LLP holders that did not actively fish or process on the associated vessel during the reporting year but received revenue from QS lease royalties, vessel services, and/or sales of inventory produced during a prior year. Revenue from sale of LLP licenses is not shown due to confidential data restrictions.
Source: Amendment 80 Economic Data Reports.

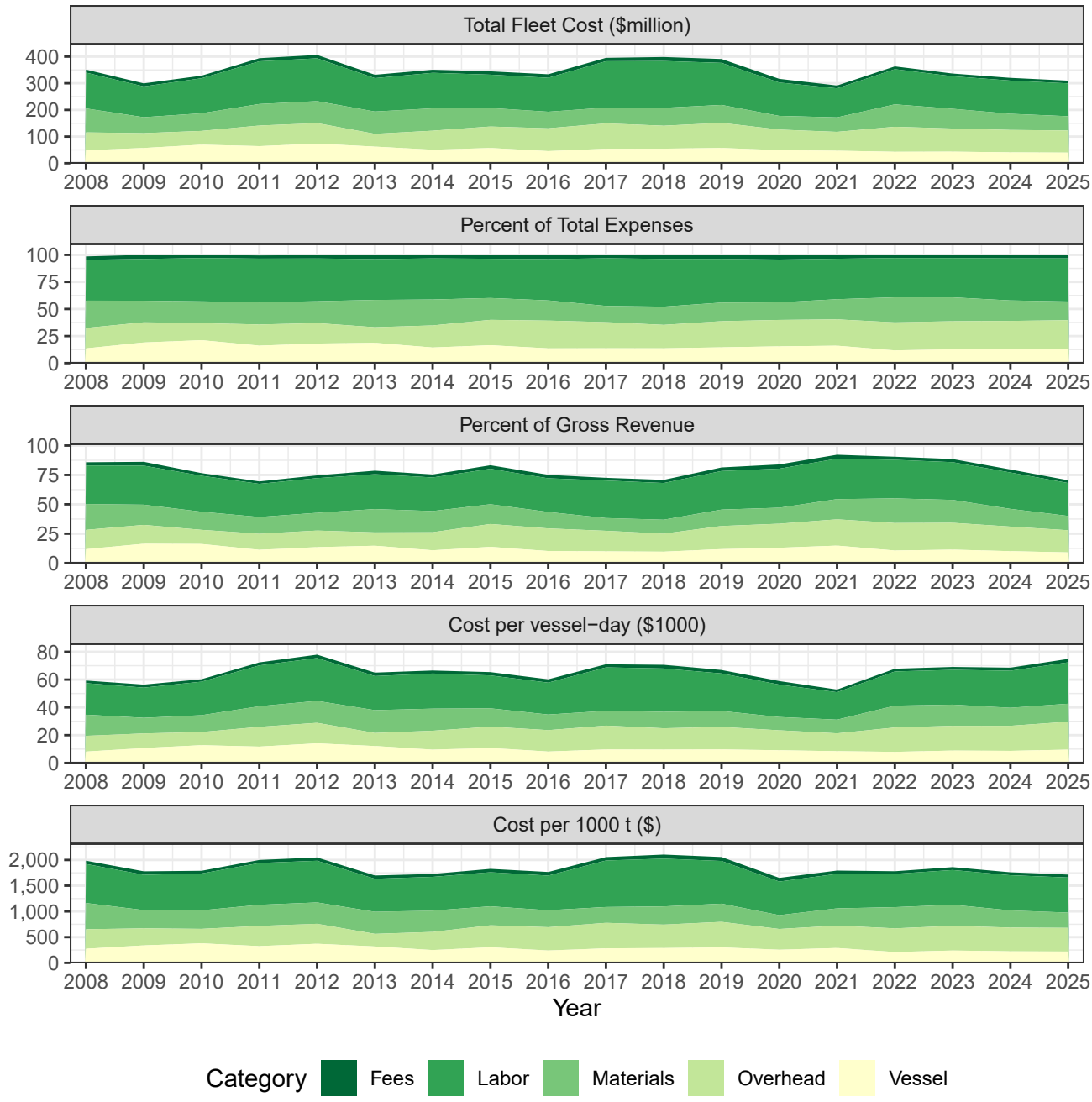


Figure 6.8: Amendment 80 Sector Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category

Note Tabular values for fleet aggregate statistics shown in the above figure are reported in Table 6.9; median vessel values are reported in Table 6.10.

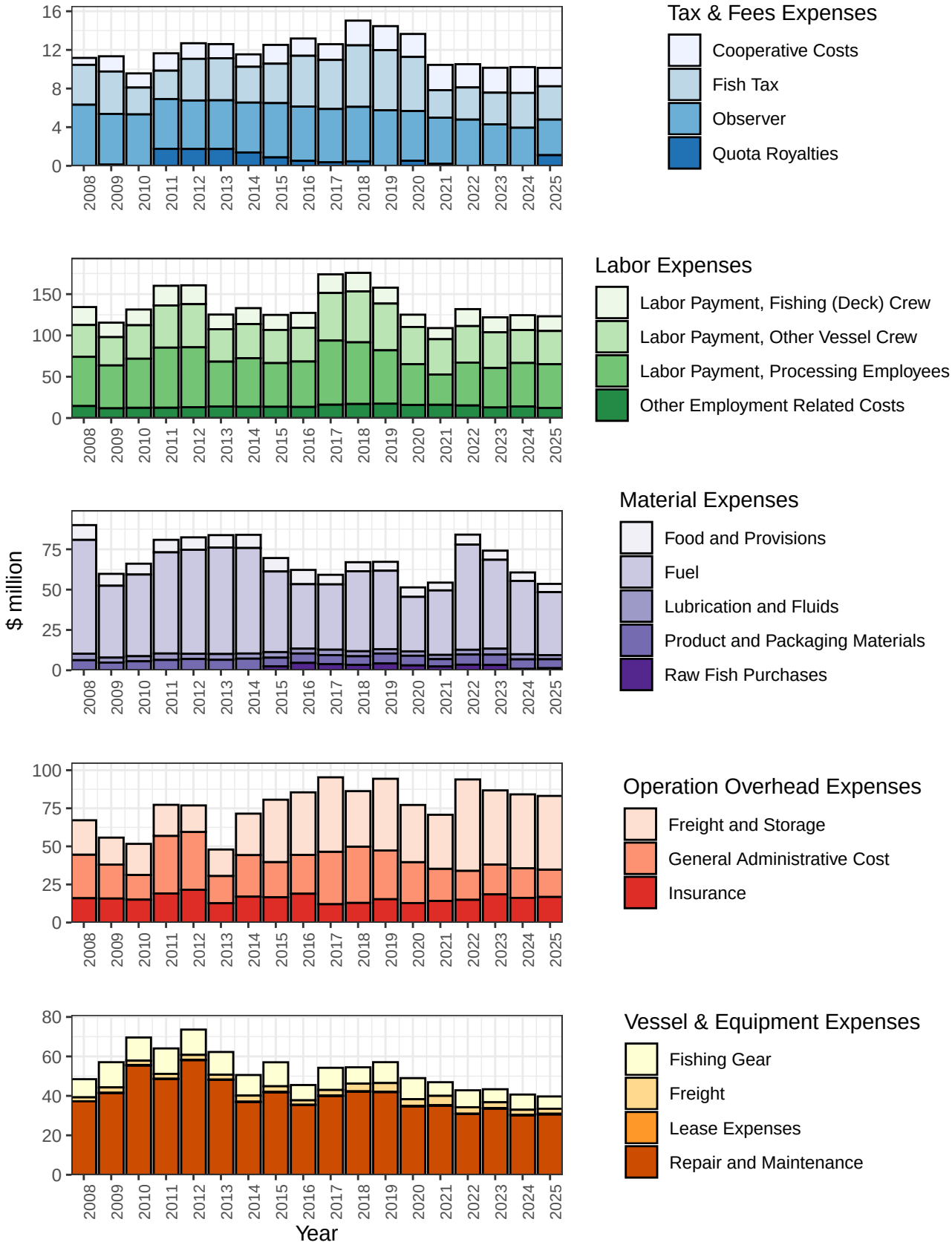


Figure 6.9: Amendment 80 Sector Aggregate Operating Expenses, by Expense Category and Item, and Year

Note Tabular values for fleet aggregate statistics shown in the above figure are reported in Table 6.9; median vessel values are reported in Table 6.10.

As depicted in Figure 6.9, over the last 18 years, combined labor costs (direct wages and bonuses, payroll taxes, benefits, and travel and recruitment expenses), at an average over the period of 39% of total expenses, consistently represent the greatest proportion of annual expenses, followed by overhead (22%), materials costs (20%), vessel costs (15%), and taxes and fees representing the smallest proportion, at 3% on average over the period. Over the 2008 to 2025 period, A80 sector aggregate operating and overhead expenses averaged $348 million per year, varying from a high of $407 million in 2012 (with 20 active vessels), and reaching a low of $291 million in 2021 (with 19 active vessels). Having averaged 78% of aggregate gross revenue over the period 2008 to 2020, total fleet costs increased to 92% of gross revenue in 2021, reflecting the historically low aggregate gross revenue that year and despite the record low level of aggregate costs. With inflationary pressures accelerating sharply beginning mid-2021 (see AFSC 2024 for a detailed synthesis of economic trends including cost inflation and global seafood market effects over the decade leading up to 2024), despite active vessels declining to 18, aggregate production costs increased by 25% in 2022, to $363 million, driven especially by a 63% increase in fuel costs across the fleet. With the active fleet consolidating by one fewer vessel in each of 2023 and 2024 and inflation easing, aggregate costs declined to $336 million (-7.5%) in 2023 and $320 million (-4.8%) in 2024. With further consolidation to 14 active vessels in 2025, aggregate costs declined a further 3.3% to $310 million for the year, representing a near-record low margin of 70.4% of aggregate gross revenue.

Labor expenses are broken down into four categories: 1) fishing (deck) crew labor, 2) other on-board vessel crew labor, 3) processing employee labor, and 4) other non-wage employment-related costs (including employee recruitment, travel, and benefits expenses).[10] Combined labor costs increased substantially during 2017-2018, to approximately $175 million each year, representing 44% of total fleet operating costs for both years, before declining over subsequent years, to $109 million in 2021 (37% of total operating expenses), the lowest level of the period; labor costs increased by 21% for 2022, to $132 million, before stabilizing at approximately $123 million in each of the last three years. Notably, in contrast to payments to labor, which all declined relative to the prior year, other non-wage employment-related expenses (which likely included lodging and transportation costs associated with quarantine requirements for vessel personnel prior to boarding vessels) showed a small (1.4%) year-on-year proportional increase in 2021, the first year when Covid-19 pandemic measures might have been expected to increase employment-related operating costs.

Vessel fuel costs are proportionately the most variable expense item historically, ranging from 10% to 20% of aggregate fleet-level expenses; after a period of declining fuel costs between 2013 to 2016, fuel costs for the fleet increased to $50 million in 2018; after a substantial decline in 2020 to $34 million, the lowest annual total for fuel cost to-date, fuel cost rebounded over the next two years, peaking at $65 million in 2022; fuel cost subsequently declined in each of the following years, to $39 million in 2025; at 18% and 16% of total operating expenses in 2022 and 2023, fuel cost ranked as the largest individual expense item in those years, briefly displacing processing labor as the single largest expense item.

Ownership restructuring among vessels and firms within the Amendment 80 sector during the

[10] Note that, while fishing (deck) crew comprises a relatively homogeneous set of positions and skills, as labor categories, processing employees, and other vessel crew (including captains, other vessel officers, engineers, pursers, and maintenance and cafeteria workers; collectively labeled "Other employees' " in Figure 6.9 and Tables 6.9 and 6.10), each comprise a wide variety of positions and skill levels; in particular, "processing employees" includes positions ranging from highly skilled factory manager and foreman positions, to skilled and unskilled processing line workers.

2016 to 2021 period, as noted above, are likely to have generated substantial transitional costs, as reflected in annual expense statistics reported for the year at both the fleet- and vessel-level. As a result of adjustment to structural changes within the Amendment 80 sector, notwithstanding any further changes in ownership and/or fleet composition, these elevated transitional costs appear to have tapered off somewhat in 2025 and may continue to over the next few years. It should be noted, however, that some of the transitional variation in annual expenses shown in Figures 6.9 and~6.8, and Tables 6.9 and 6.10, reflects redistribution of costs between expense categories as reported in EDR data, and likely result in part from changing business structures and/or accounting practices associated with shifting ownership.

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item

	Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
Labor Payment, Fishing (Deck) Crew	2008	22	$ 21.74	6.1 %	5.31 %	$ 3.67	$ 122.95
	2009	21	$ 17.49	5.84 %	5.03 %	$ 3.29	$ 103.94
	2010	20	$ 19.02	5.79 %	4.43 %	$ 3.49	$ 103.64
	2011	20	$ 23.84	6.02 %	4.2 %	$ 4.38	$ 121.03
	2012	20	$ 22.81	5.6 %	4.19 %	$ 4.38	$ 115.01
	2013	18	$ 17.77	5.35 %	4.21 %	$ 3.48	$ 90.94
	2014	18	$ 19.26	5.49 %	4.14 %	$ 3.66	$ 94.93
	2015	18	$ 18.22	5.29 %	4.4 %	$ 3.46	$ 96.59
	2016	19	$ 18.2	5.45 %	4.1 %	$ 3.28	$ 96.28
	2017	19	$ 22.55	5.7 %	4.14 %	$ 4.05	$ 117.23
	2018	19	$ 22.51	5.65 %	4 %	$ 3.99	$ 118.92
	2019	20	$ 19.27	4.92 %	4.01 %	$ 3.3	$ 101.35
	2020	19	$ 14.94	4.72 %	3.96 %	$ 2.78	$ 77.97
	2021	19	$ 13.49	4.63 %	4.27 %	$ 2.44	$ 83.02
	2022	18	$ 20.54	5.65 %	5.12 %	$ 3.84	$ 100.68
	2023	17	$ 18.16	5.4 %	4.78 %	$ 3.73	$ 100.43
	2024	16	$ 17.96	5.61 %	4.47 %	$ 3.85	$ 98.7
	2025	14	$ 17.79	5.75 %	4.05 %	$ 4.3	$ 98.54
Labor Payment, Other Vessel Crew	2008	21	$ 38.55	10.82 %	9.42 %	$ 6.51	$ 217.99
	2009	21	$ 34.28	11.45 %	9.86 %	$ 6.46	$ 203.66
	2010	20	$ 40.58	12.35 %	9.46 %	$ 7.45	$ 221.16
	2011	20	$ 51.05	12.89 %	9 %	$ 9.38	$ 259.18
	2012	20	$ 52.21	12.82 %	9.59 %	$ 10.02	$ 263.29
	2013	18	$ 39.26	11.81 %	9.3 %	$ 7.69	$ 200.9
	2014	18	$ 41.37	11.8 %	8.89 %	$ 7.85	$ 203.87
	2015	18	$ 40.17	11.65 %	9.7 %	$ 7.62	$ 212.93
	2016	19	$ 40.71	12.2 %	9.16 %	$ 7.34	$ 215.4
	2017	19	$ 57.63	14.58 %	10.58 %	$ 10.36	$ 299.64
	2018	19	$ 61.57	15.45 %	10.93 %	$ 10.91	$ 325.21
	2019	20	$ 56.56	14.46 %	11.77 %	$ 9.68	$ 297.52
	2020	19	$ 45.02	14.23 %	11.95 %	$ 8.39	$ 235
	2021	19	$ 42.78	14.68 %	13.53 %	$ 7.76	$ 263.36
	2022	18	$ 44.23	12.17 %	11.02 %	$ 8.26	$ 216.81
	2023	17	$ 43.26	12.86 %	11.39 %	$ 8.89	$ 239.31
	2024	16	$ 39.89	12.45 %	9.92 %	$ 8.55	$ 219.24
	2025	14	$ 40.24	12.99 %	9.15 %	$ 9.73	$ 222.84

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	22	$ 59.36	16.66 %	14.5 %	$ 10.03	$ 335.65
		2009	21	$ 51.72	17.27 %	14.88 %	$ 9.74	$ 307.3
		2010	20	$ 59.28	18.05 %	13.82 %	$ 10.88	$ 323.09
		2011	20	$ 72.61	18.33 %	12.8 %	$ 13.34	$ 368.66
		2012	20	$ 72.49	17.8 %	13.31 %	$ 13.91	$ 365.56
		2013	18	$ 54.3	16.34 %	12.86 %	$ 10.64	$ 277.89
		2014	18	$ 58.64	16.73 %	12.6 %	$ 11.13	$ 288.99
		2015	18	$ 52.74	15.3 %	12.74 %	$ 10	$ 279.61
		2016	19	$ 54.83	16.43 %	12.34 %	$ 9.89	$ 290.15
		2017	19	$ 77.46	19.6 %	14.22 %	$ 13.93	$ 402.72
		2018	19	$ 74.51	18.7 %	13.23 %	$ 13.21	$ 393.58
		2019	20	$ 64.53	16.5 %	13.43 %	$ 11.04	$ 339.45
		2020	19	$ 49.25	15.57 %	13.07 %	$ 9.18	$ 257.09
		2021	19	$ 36.51	12.53 %	11.55 %	$ 6.62	$ 224.79
	Labor	2022	18	$ 51.72	14.23 %	12.88 %	$ 9.66	$ 253.54
	Payment,	2023	17	$ 47.57	14.14 %	12.52 %	$ 9.78	$ 263.13
	Processing	2024	16	$ 52.55	16.41 %	13.07 %	$ 11.26	$ 288.85
	Employees	2025	14	$ 52.85	17.07 %	12.02 %	$ 12.78	$ 292.69
		2008	22	$ 14.71	4.13 %	3.59 %	$ 2.48	$ 83.16
		2009	21	$ 11.96	3.99 %	3.44 %	$ 2.25	$ 71.04
		2010	20	$ 12.51	3.81 %	2.92 %	$ 2.3	$ 68.19
		2011	20	$ 12.6	3.18 %	2.22 %	$ 2.31	$ 63.95
		2012	20	$ 13.15	3.23 %	2.41 %	$ 2.52	$ 66.32
		2013	18	$ 13.97	4.2 %	3.31 %	$ 2.74	$ 71.48
		2014	18	$ 13.78	3.93 %	2.96 %	$ 2.62	$ 67.91
		2015	18	$ 13.76	3.99 %	3.32 %	$ 2.61	$ 72.95
		2016	19	$ 13.57	4.07 %	3.05 %	$ 2.45	$ 71.8
		2017	19	$ 16.31	4.13 %	2.99 %	$ 2.93	$ 84.82
		2018	19	$ 17.16	4.3 %	3.05 %	$ 3.04	$ 90.62
		2019	20	$ 17.47	4.47 %	3.64 %	$ 2.99	$ 91.92
		2020	19	$ 15.94	5.04 %	4.23 %	$ 2.97	$ 83.19
		2021	19	$ 16.16	5.54 %	5.11 %	$ 2.93	$ 99.47
	Other	2022	18	$ 15.37	4.23 %	3.83 %	$ 2.87	$ 75.33
	Employment	2023	17	$ 12.96	3.85 %	3.41 %	$ 2.66	$ 71.69
	Related	2024	16	$ 14.09	4.4 %	3.5 %	$ 3.02	$ 77.42
Labor	Costs	2025	14	$ 12.31	3.97 %	2.8 %	$ 2.98	$ 68.17

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	19	$ 9.2	2.58 %	2.25 %	$ 1.55	$ 52.01
	2009	21	$ 12.79	4.27 %	3.68 %	$ 2.41	$ 75.96
	2010	20	$ 11.75	3.58 %	2.74 %	$ 2.16	$ 64.04
	2011	20	$ 12.9	3.26 %	2.27 %	$ 2.37	$ 65.47
	2012	19	$ 12.84	3.15 %	2.36 %	$ 2.46	$ 64.77
	2013	18	$ 11.53	3.47 %	2.73 %	$ 2.26	$ 58.99
	2014	18	$ 10.44	2.98 %	2.24 %	$ 1.98	$ 51.44
	2015	18	$ 12.16	3.53 %	2.94 %	$ 2.31	$ 64.48
	2016	14	$ 7.76	2.33 %	1.75 %	$ 1.4	$ 41.08
	2017	19	$ 11.26	2.85 %	2.07 %	$ 2.02	$ 58.52
	2018	19	$ 8.28	2.08 %	1.47 %	$ 1.47	$ 43.72
	2019	20	$ 10.59	2.71 %	2.2 %	$ 1.81	$ 55.69
	2020	19	$ 10.69	3.38 %	2.84 %	$ 1.99	$ 55.79
	2021	18	$ 6.91	2.37 %	2.19 %	$ 1.25	$ 42.54
	2022	18	$ 8.59	2.36 %	2.14 %	$ 1.6	$ 42.1
	2023	17	$ 6.61	1.96 %	1.74 %	$ 1.36	$ 36.55
Fishing	2024	16	$ 7.72	2.41 %	1.92 %	$ 1.65	$ 42.43
Gear	2025	14	$ 6.23	2.01 %	1.42 %	$ 1.51	$ 34.51
	2008	22	$ 2.03	0.57 %	0.5 %	$ 0.34	$ 11.5
	2009	21	$ 2.77	0.93 %	0.8 %	$ 0.52	$ 16.48
	2010	20	$ 2.24	0.68 %	0.52 %	$ 0.41	$ 12.22
	2011	20	$ 2.49	0.63 %	0.44 %	$ 0.46	$ 12.64
	2012	20	$ 2.49	0.61 %	0.46 %	$ 0.48	$ 12.54
	2013	18	$ 2.47	0.74 %	0.58 %	$ 0.48	$ 12.61
	2014	18	$ 3.11	0.89 %	0.67 %	$ 0.59	$ 15.34
	2015	18	$ 2.95	0.86 %	0.71 %	$ 0.56	$ 15.66
	2016	19	$ 2.27	0.68 %	0.51 %	$ 0.41	$ 12.03
	2017	17	$ 2.89	0.73 %	0.53 %	$ 0.52	$ 15.03
	2018	19	$ 3.94	0.99 %	0.7 %	$ 0.7	$ 20.8
	2019	20	$ 4.41	1.13 %	0.92 %	$ 0.76	$ 23.22
	2020	19	$ 3.47	1.1 %	0.92 %	$ 0.65	$ 18.11
	2021	19	$ 4.82	1.65 %	1.52 %	$ 0.87	$ 29.64
	2022	18	$ 3.28	0.9 %	0.82 %	$ 0.61	$ 16.08
	2023	17	$ 3.05	0.91 %	0.8 %	$ 0.63	$ 16.88
	2024	16	$ 2.62	0.82 %	0.65 %	$ 0.56	$ 14.41
Freight	2025	12	$ 2.53	0.82 %	0.58 %	$ 0.61	$ 14.02

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	1	*	*	*	*	*
		2009	5	$ 0.07	0.02 %	0.02 %	$ 0.01	$ 0.44
		2010	6	$ 0.19	0.06 %	0.05 %	$ 0.04	$ 1.06
		2011	7	$ 0.12	0.03 %	0.02 %	$ 0.02	$ 0.62
		2012	8	$ 0.15	0.04 %	0.03 %	$ 0.03	$ 0.75
		2013	6	$ 0.1	0.03 %	0.02 %	$ 0.02	$ 0.54
		2014	5	$ 0.14	0.04 %	0.03 %	$ 0.03	$ 0.67
		2015	5	$ 0.04	0.01 %	0.01 %	$ 0.01	$ 0.2
		2016	7	$ 0.1	0.03 %	0.02 %	$ 0.02	$ 0.52
		2017	9	$ 0.12	0.03 %	0.02 %	$ 0.02	$ 0.62
		2018	9	$ 0.11	0.03 %	0.02 %	$ 0.02	$ 0.61
		2019	7	$ 0.16	0.04 %	0.03 %	$ 0.03	$ 0.83
		2020	4	$ 0.1	0.03 %	0.03 %	$ 0.02	$ 0.5
		2021	5	$ 0.08	0.03 %	0.02 %	$ 0.01	$ 0.47
		2022	7	$ 0.13	0.04 %	0.03 %	$ 0.02	$ 0.65
		2023	5	$ 0.1	0.03 %	0.03 %	$ 0.02	$ 0.55
	Lease	2024	5	$ 0.18	0.06 %	0.04 %	$ 0.04	$ 0.99
	Expenses	2025	4	$ 0.33	0.11 %	0.08 %	$ 0.08	$ 1.84
		2008	22	$ 37.22	10.45 %	9.09 %	$ 6.29	$ 210.44
		2009	21	$ 41.44	13.84 %	11.93 %	$ 7.8	$ 246.24
		2010	20	$ 55.41	16.87 %	12.92 %	$ 10.17	$ 302
		2011	19	$ 48.54	12.25 %	8.56 %	$ 8.92	$ 246.41
		2012	20	$ 58.12	14.27 %	10.67 %	$ 11.15	$ 293.09
		2013	18	$ 48.14	14.49 %	11.4 %	$ 9.43	$ 246.34
		2014	18	$ 36.88	10.52 %	7.92 %	$ 7	$ 181.74
		2015	18	$ 41.87	12.15 %	10.11 %	$ 7.94	$ 221.97
		2016	19	$ 35.37	10.6 %	7.96 %	$ 6.38	$ 187.14
		2017	19	$ 39.96	10.11 %	7.33 %	$ 7.18	$ 207.75
		2018	19	$ 42.15	10.58 %	7.49 %	$ 7.47	$ 222.62
		2019	20	$ 41.92	10.71 %	8.73 %	$ 7.17	$ 220.49
		2020	19	$ 34.73	10.98 %	9.21 %	$ 6.47	$ 181.26
		2021	19	$ 35.1	12.04 %	11.1 %	$ 6.36	$ 216.07
		2022	18	$ 30.82	8.48 %	7.68 %	$ 5.76	$ 151.1
	Repair	2023	17	$ 33.59	9.99 %	8.84 %	$ 6.9	$ 185.79
	and	2024	16	$ 30.15	9.41 %	7.5 %	$ 6.46	$ 165.7
Vessel	Maintenance	2025	14	$ 30.6	9.88 %	6.96 %	$ 7.4	$ 169.44

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	19	$ 9.17	2.57 %	2.24 %	$ 1.55	$ 51.85
	2009	18	$ 7.38	2.47 %	2.12 %	$ 1.39	$ 43.86
	2010	17	$ 6.73	2.05 %	1.57 %	$ 1.24	$ 36.69
	2011	17	$ 7.76	1.96 %	1.37 %	$ 1.43	$ 39.4
	2012	17	$ 7.7	1.89 %	1.41 %	$ 1.48	$ 38.83
	2013	15	$ 7.75	2.33 %	1.84 %	$ 1.52	$ 39.68
	2014	15	$ 8.17	2.33 %	1.75 %	$ 1.55	$ 40.25
	2015	15	$ 8.35	2.42 %	2.02 %	$ 1.58	$ 44.24
	2016	16	$ 8.85	2.65 %	1.99 %	$ 1.6	$ 46.84
	2017	14	$ 5.96	1.51 %	1.09 %	$ 1.07	$ 30.97
	2018	14	$ 5.61	1.41 %	1 %	$ 1	$ 29.66
	2019	17	$ 5.52	1.41 %	1.15 %	$ 0.94	$ 29.02
	2020	16	$ 5.9	1.86 %	1.56 %	$ 1.1	$ 30.78
	2021	16	$ 4.85	1.67 %	1.54 %	$ 0.88	$ 29.88
	2022	15	$ 6.18	1.7 %	1.54 %	$ 1.15	$ 30.32
Food	2023	14	$ 5.68	1.69 %	1.49 %	$ 1.17	$ 31.41
and	2024	13	$ 5.26	1.64 %	1.31 %	$ 1.13	$ 28.9
Provisions	2025	12	$ 5.12	1.65 %	1.16 %	$ 1.24	$ 28.34
	2008	22	$ 70.56	19.81 %	17.24 %	$ 11.92	$ 399
	2009	21	$ 44.56	14.88 %	12.82 %	$ 8.39	$ 264.78
	2010	20	$ 50.64	15.41 %	11.8 %	$ 9.29	$ 275.98
	2011	20	$ 62.71	15.83 %	11.06 %	$ 11.52	$ 318.37
	2012	20	$ 64.49	15.83 %	11.84 %	$ 12.37	$ 325.17
	2013	18	$ 65.96	19.85 %	15.63 %	$ 12.92	$ 337.55
	2014	18	$ 65.43	18.66 %	14.05 %	$ 12.42	$ 322.41
	2015	18	$ 49.97	14.5 %	12.07 %	$ 9.48	$ 264.93
	2016	19	$ 39.96	11.98 %	8.99 %	$ 7.21	$ 211.46
	2017	19	$ 40.49	10.24 %	7.43 %	$ 7.28	$ 210.5
	2018	19	$ 49.6	12.45 %	8.81 %	$ 8.79	$ 261.97
	2019	20	$ 48.62	12.43 %	10.12 %	$ 8.32	$ 255.75
	2020	19	$ 33.77	10.68 %	8.96 %	$ 6.29	$ 176.29
	2021	19	$ 39.98	13.72 %	12.65 %	$ 7.25	$ 246.13
	2022	18	$ 65.21	17.94 %	16.24 %	$ 12.18	$ 319.66
	2023	17	$ 55.09	16.38 %	14.5 %	$ 11.32	$ 304.7
	2024	16	$ 45.48	14.2 %	11.31 %	$ 9.74	$ 249.97
Fuel	2025	14	$ 39.05	12.61 %	8.88 %	$ 9.44	$ 216.27

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
Lubrication and Fluids	2008	22	$ 4.02	1.13 %	0.98 %	$ 0.68	$ 22.74
	2009	21	$ 3.08	1.03 %	0.89 %	$ 0.58	$ 18.28
	2010	20	$ 3.15	0.96 %	0.73 %	$ 0.58	$ 17.16
	2011	20	$ 4.01	1.01 %	0.71 %	$ 0.74	$ 20.36
	2012	19	$ 3.25	0.8 %	0.6 %	$ 0.62	$ 16.38
	2013	18	$ 3.61	1.09 %	0.86 %	$ 0.71	$ 18.49
	2014	18	$ 3.19	0.91 %	0.69 %	$ 0.61	$ 15.72
	2015	18	$ 3.47	1.01 %	0.84 %	$ 0.66	$ 18.39
	2016	19	$ 3.02	0.91 %	0.68 %	$ 0.55	$ 15.99
	2017	19	$ 3.35	0.85 %	0.61 %	$ 0.6	$ 17.4
	2018	19	$ 3.1	0.78 %	0.55 %	$ 0.55	$ 16.39
	2019	20	$ 2.73	0.7 %	0.57 %	$ 0.47	$ 14.36
	2020	19	$ 2.74	0.86 %	0.73 %	$ 0.51	$ 14.28
	2021	19	$ 2.61	0.89 %	0.82 %	$ 0.47	$ 16.04
	2022	18	$ 2.96	0.81 %	0.74 %	$ 0.55	$ 14.5
	2023	17	$ 3.7	1.1 %	0.97 %	$ 0.76	$ 20.44
	2024	16	$ 3.13	0.98 %	0.78 %	$ 0.67	$ 17.2
	2025	14	$ 2.55	0.82 %	0.58 %	$ 0.62	$ 14.11
Product and Packaging Materials	2008	22	$ 6.25	1.75 %	1.53 %	$ 1.06	$ 35.32
	2009	21	$ 4.77	1.59 %	1.37 %	$ 0.9	$ 28.34
	2010	20	$ 5.57	1.7 %	1.3 %	$ 1.02	$ 30.37
	2011	20	$ 6.39	1.61 %	1.13 %	$ 1.17	$ 32.47
	2012	20	$ 6.97	1.71 %	1.28 %	$ 1.34	$ 35.13
	2013	18	$ 6.47	1.95 %	1.53 %	$ 1.27	$ 33.1
	2014	18	$ 7.19	2.05 %	1.54 %	$ 1.36	$ 35.43
	2015	18	$ 5.41	1.57 %	1.31 %	$ 1.03	$ 28.69
	2016	19	$ 5.83	1.75 %	1.31 %	$ 1.05	$ 30.87
	2017	19	$ 5.62	1.42 %	1.03 %	$ 1.01	$ 29.24
	2018	19	$ 5.36	1.34 %	0.95 %	$ 0.95	$ 28.31
	2019	20	$ 6.16	1.58 %	1.28 %	$ 1.05	$ 32.42
	2020	19	$ 5.95	1.88 %	1.58 %	$ 1.11	$ 31.05
	2021	19	$ 4.58	1.57 %	1.45 %	$ 0.83	$ 28.18
	2022	18	$ 6.29	1.73 %	1.57 %	$ 1.17	$ 30.82
	2023	17	$ 6.42	1.91 %	1.69 %	$ 1.32	$ 35.48
	2024	16	$ 5.93	1.85 %	1.47 %	$ 1.27	$ 32.6
	2025	14	$ 5.56	1.8 %	1.26 %	$ 1.34	$ 30.81

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	2	*	*	*	*	*
	2010	1	*	*	*	*	*
	2011	1	*	*	*	*	*
	2012	1	*	*	*	*	*
	2013	1	*	*	*	*	*
	2015	4	$ 2.39	0.69 %	0.58 %	$ 0.45	$ 12.67
	2016	5	$ 4.56	1.37 %	1.03 %	$ 0.82	$ 24.12
	2017	5	$ 3.78	0.96 %	0.69 %	$ 0.68	$ 19.64
	2018	6	$ 3.33	0.83 %	0.59 %	$ 0.59	$ 17.56
	2019	7	$ 4.2	1.07 %	0.87 %	$ 0.72	$ 22.07
	2020	7	$ 3.03	0.96 %	0.8 %	$ 0.56	$ 15.82
	2021	6	$ 2.33	0.8 %	0.74 %	$ 0.42	$ 14.33
	2022	6	$ 3.45	0.95 %	0.86 %	$ 0.65	$ 16.94
Raw	2023	5	$ 3.28	0.97 %	0.86 %	$ 0.67	$ 18.13
Fish	2024	3	$ 0.85	0.26 %	0.21 %	$ 0.18	$ 4.65
Materials Purchases	2025	3	$ 1.28	0.41 %	0.29 %	$ 0.31	$ 7.06
	2008	16	$ 0.72	0.2 %	0.17 %	$ 0.12	$ 4.05
	2009	15	$ 1.58	0.53 %	0.45 %	$ 0.3	$ 9.39
	2010	14	$ 1.47	0.45 %	0.34 %	$ 0.27	$ 8.01
	2011	16	$ 1.8	0.45 %	0.32 %	$ 0.33	$ 9.15
	2012	16	$ 1.62	0.4 %	0.3 %	$ 0.31	$ 8.17
	2013	14	$ 1.47	0.44 %	0.35 %	$ 0.29	$ 7.51
	2014	14	$ 1.29	0.37 %	0.28 %	$ 0.24	$ 6.35
	2015	14	$ 1.95	0.57 %	0.47 %	$ 0.37	$ 10.34
	2016	15	$ 1.79	0.54 %	0.4 %	$ 0.32	$ 9.47
	2017	18	$ 1.63	0.41 %	0.3 %	$ 0.29	$ 8.47
	2018	19	$ 2.56	0.64 %	0.45 %	$ 0.45	$ 13.52
	2019	20	$ 2.49	0.64 %	0.52 %	$ 0.43	$ 13.09
	2020	19	$ 2.38	0.75 %	0.63 %	$ 0.44	$ 12.42
	2021	19	$ 2.62	0.9 %	0.83 %	$ 0.48	$ 16.16
	2022	18	$ 2.41	0.66 %	0.6 %	$ 0.45	$ 11.83
	2023	17	$ 2.58	0.77 %	0.68 %	$ 0.53	$ 14.25
Cooperative	2024	16	$ 2.68	0.84 %	0.67 %	$ 0.58	$ 14.75
Costs	2025	14	$ 1.91	0.62 %	0.44 %	$ 0.46	$ 10.6

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	22	$ 4.13	1.16 %	1.01 %	$ 0.7	$ 23.36
	2009	21	$ 4.39	1.47 %	1.26 %	$ 0.83	$ 26.09
	2010	20	$ 2.78	0.85 %	0.65 %	$ 0.51	$ 15.17
	2011	20	$ 2.94	0.74 %	0.52 %	$ 0.54	$ 14.9
	2012	20	$ 4.31	1.06 %	0.79 %	$ 0.83	$ 21.74
	2013	18	$ 4.35	1.31 %	1.03 %	$ 0.85	$ 22.24
	2014	18	$ 3.71	1.06 %	0.8 %	$ 0.7	$ 18.3
	2015	18	$ 4.08	1.18 %	0.98 %	$ 0.77	$ 21.61
	2016	19	$ 5.26	1.58 %	1.18 %	$ 0.95	$ 27.85
	2017	19	$ 5.08	1.28 %	0.93 %	$ 0.91	$ 26.4
	2018	19	$ 6.37	1.6 %	1.13 %	$ 1.13	$ 33.62
	2019	20	$ 6.22	1.59 %	1.29 %	$ 1.06	$ 32.71
	2020	19	$ 5.6	1.77 %	1.49 %	$ 1.04	$ 29.23
	2021	19	$ 2.85	0.98 %	0.9 %	$ 0.52	$ 17.58
	2022	18	$ 3.33	0.92 %	0.83 %	$ 0.62	$ 16.31
	2023	17	$ 3.28	0.98 %	0.86 %	$ 0.67	$ 18.15
Fish	2024	16	$ 3.6	1.12 %	0.89 %	$ 0.77	$ 19.77
Tax	2025	14	$ 3.45	1.12 %	0.79 %	$ 0.83	$ 19.12
	2008	22	$ 6.32	1.77 %	1.54 %	$ 1.07	$ 35.73
	2009	21	$ 5.25	1.75 %	1.51 %	$ 0.99	$ 31.18
	2010	20	$ 5.32	1.62 %	1.24 %	$ 0.98	$ 28.98
	2011	20	$ 5.15	1.3 %	0.91 %	$ 0.95	$ 26.12
	2012	19	$ 5.02	1.23 %	0.92 %	$ 0.96	$ 25.34
	2013	18	$ 5.04	1.52 %	1.19 %	$ 0.99	$ 25.79
	2014	18	$ 5.16	1.47 %	1.11 %	$ 0.98	$ 25.45
	2015	18	$ 5.62	1.63 %	1.36 %	$ 1.07	$ 29.78
	2016	19	$ 5.62	1.68 %	1.26 %	$ 1.01	$ 29.73
	2017	19	$ 5.52	1.4 %	1.01 %	$ 0.99	$ 28.71
	2018	19	$ 5.64	1.41 %	1 %	$ 1	$ 29.76
	2019	20	$ 5.75	1.47 %	1.2 %	$ 0.98	$ 30.24
	2020	19	$ 5.15	1.63 %	1.37 %	$ 0.96	$ 26.9
	2021	19	$ 4.77	1.64 %	1.51 %	$ 0.86	$ 29.34
	2022	18	$ 4.78	1.31 %	1.19 %	$ 0.89	$ 23.41
	2023	17	$ 4.23	1.26 %	1.11 %	$ 0.87	$ 23.41
	2024	16	$ 3.94	1.23 %	0.98 %	$ 0.84	$ 21.63
Observer	2025	14	$ 3.68	1.19 %	0.84 %	$ 0.89	$ 20.37

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	2	*	*	*	*	*
		2009	4	$ 0.12	0.04 %	0.04 %	$ 0.02	$ 0.74
		2010	2	*	*	*	*	*
		2011	8	$ 1.76	0.44 %	0.31 %	$ 0.32	$ 8.94
		2012	4	$ 1.74	0.43 %	0.32 %	$ 0.33	$ 8.76
		2013	3	$ 1.74	0.52 %	0.41 %	$ 0.34	$ 8.88
		2014	8	$ 1.38	0.39 %	0.3 %	$ 0.26	$ 6.79
		2015	7	$ 0.87	0.25 %	0.21 %	$ 0.17	$ 4.64
		2016	9	$ 0.51	0.15 %	0.11 %	$ 0.09	$ 2.68
		2017	5	$ 0.36	0.09 %	0.07 %	$ 0.07	$ 1.9
		2018	4	$ 0.46	0.11 %	0.08 %	$ 0.08	$ 2.42
		2019	2	*	*	*	*	*
		2020	9	$ 0.52	0.16 %	0.14 %	$ 0.1	$ 2.7
		2021	3	$ 0.21	0.07 %	0.07 %	$ 0.04	$ 1.3
		2022	2	*	*	*	*	*
		2023	3	$ 0.06	0.02 %	0.02 %	$ 0.01	$ 0.34
	Quota	2024	1	*	*	*	*	*
Fees	Royalties	2025	6	$ 1.1	0.36 %	0.25 %	$ 0.27	$ 6.12
		2008	9	$ 22.55	6.33 %	5.51 %	$ 3.81	$ 127.51
		2009	10	$ 17.72	5.92 %	5.1 %	$ 3.34	$ 105.31
		2010	8	$ 20.39	6.21 %	4.75 %	$ 3.74	$ 111.13
		2011	4	$ 20.35	5.14 %	3.59 %	$ 3.74	$ 103.3
		2012	4	$ 17.42	4.28 %	3.2 %	$ 3.34	$ 87.86
		2013	4	$ 17.33	5.22 %	4.11 %	$ 3.4	$ 88.69
		2014	7	$ 27.16	7.75 %	5.84 %	$ 5.16	$ 133.85
		2015	10	$ 40.91	11.87 %	9.88 %	$ 7.76	$ 216.85
		2016	10	$ 41.08	12.31 %	9.25 %	$ 7.41	$ 217.38
		2017	13	$ 48.84	12.36 %	8.96 %	$ 8.78	$ 253.94
		2018	10	$ 36.42	9.14 %	6.47 %	$ 6.46	$ 192.36
		2019	14	$ 47.09	12.04 %	9.8 %	$ 8.06	$ 247.69
		2020	10	$ 37.53	11.86 %	9.96 %	$ 6.99	$ 195.91
		2021	10	$ 35.45	12.17 %	11.22 %	$ 6.43	$ 218.23
		2022	16	$ 59.93	16.49 %	14.93 %	$ 11.19	$ 293.81
	Freight	2023	14	$ 48.67	14.47 %	12.81 %	$ 10	$ 269.22
	and	2024	12	$ 48.49	15.14 %	12.06 %	$ 10.39	$ 266.53
	Storage	2025	11	$ 48.34	15.61 %	10.99 %	$ 11.69	$ 267.7

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	22	$ 28.64	8.04 %	7 %	$ 4.84	$ 161.96
		2009	21	$ 22.27	7.44 %	6.41 %	$ 4.19	$ 132.31
		2010	16	$ 16.24	4.95 %	3.79 %	$ 2.98	$ 88.54
		2011	16	$ 37.86	9.56 %	6.68 %	$ 6.96	$ 192.21
		2012	20	$ 37.97	9.32 %	6.97 %	$ 7.29	$ 191.48
		2013	18	$ 17.95	5.4 %	4.25 %	$ 3.52	$ 91.83
		2014	16	$ 27.37	7.81 %	5.88 %	$ 5.19	$ 134.86
		2015	11	$ 23.18	6.73 %	5.6 %	$ 4.4	$ 122.88
		2016	11	$ 25.52	7.65 %	5.74 %	$ 4.6	$ 135.04
		2017	15	$ 34.47	8.72 %	6.33 %	$ 6.2	$ 179.25
		2018	15	$ 36.99	9.28 %	6.57 %	$ 6.56	$ 195.4
		2019	20	$ 32	8.18 %	6.66 %	$ 5.48	$ 168.33
		2020	18	$ 26.9	8.5 %	7.14 %	$ 5.01	$ 140.43
		2021	16	$ 21.15	7.26 %	6.69 %	$ 3.83	$ 130.22
		2022	16	$ 19.11	5.26 %	4.76 %	$ 3.57	$ 93.67
	General	2023	17	$ 19.63	5.84 %	5.17 %	$ 4.03	$ 108.57
	Administrative	2024	16	$ 19.47	6.08 %	4.84 %	$ 4.17	$ 106.99
	Cost	2025	14	$ 18.01	5.81 %	4.09 %	$ 4.35	$ 99.71
		2008	22	$ 15.95	4.48 %	3.9 %	$ 2.69	$ 90.16
		2009	21	$ 15.76	5.26 %	4.54 %	$ 2.97	$ 93.65
		2010	20	$ 15.01	4.57 %	3.5 %	$ 2.75	$ 81.78
		2011	20	$ 19.06	4.81 %	3.36 %	$ 3.5	$ 96.74
		2012	20	$ 21.5	5.28 %	3.95 %	$ 4.13	$ 108.42
		2013	18	$ 12.66	3.81 %	3 %	$ 2.48	$ 64.77
		2014	17	$ 16.95	4.83 %	3.64 %	$ 3.22	$ 83.53
		2015	18	$ 16.56	4.81 %	4 %	$ 3.14	$ 87.8
		2016	19	$ 18.88	5.66 %	4.25 %	$ 3.41	$ 99.92
		2017	19	$ 12.01	3.04 %	2.2 %	$ 2.16	$ 62.45
		2018	19	$ 12.85	3.23 %	2.28 %	$ 2.28	$ 67.9
		2019	20	$ 15.29	3.91 %	3.18 %	$ 2.62	$ 80.44
		2020	19	$ 12.76	4.03 %	3.38 %	$ 2.38	$ 66.58
		2021	19	$ 14.16	4.86 %	4.48 %	$ 2.57	$ 87.15
		2022	18	$ 14.89	4.1 %	3.71 %	$ 2.78	$ 73.01
		2023	17	$ 18.46	5.49 %	4.86 %	$ 3.79	$ 102.11
		2024	16	$ 16.17	5.05 %	4.02 %	$ 3.47	$ 88.9
Overhead	Insurance	2025	14	$ 16.77	5.41 %	3.81 %	$ 4.05	$ 92.85

Table 6.9: Amendment 80 Fleet Aggregate Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Total Fleet Cost ($million)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	22	$ 356.21	100 %	87.02 %	$ 60.17	$ 2014.21
	2009	21	$ 299.42	100 %	86.16 %	$ 56.39	$ 1778.99
	2010	20	$ 328.5	100 %	76.57 %	$ 60.29	$ 1790.4
	2011	20	$ 396.16	100 %	69.85 %	$ 72.78	$ 2011.24
	2012	20	$ 407.36	100 %	74.79 %	$ 78.17	$ 2054.14
	2013	18	$ 332.33	100 %	78.73 %	$ 65.11	$ 1700.62
	2014	18	$ 350.63	100 %	75.32 %	$ 66.55	$ 1727.82
	2015	18	$ 344.67	100 %	83.27 %	$ 65.38	$ 1827.22
	2016	19	$ 333.69	100 %	75.11 %	$ 60.21	$ 1765.77
	2017	19	$ 395.28	100 %	72.55 %	$ 71.07	$ 2055.2
	2018	19	$ 398.51	100 %	70.77 %	$ 70.64	$ 2104.95
	2019	20	$ 391.22	100 %	81.43 %	$ 66.93	$ 2057.84
	2020	19	$ 316.37	100 %	83.94 %	$ 58.94	$ 1651.3
	2021	19	$ 291.39	100 %	92.19 %	$ 52.83	$ 1793.92
	2022	18	$ 363.45	100 %	90.55 %	$ 67.87	$ 1781.72
All	2023	17	$ 336.37	100 %	88.54 %	$ 69.13	$ 1860.54
Annual	2024	16	$ 320.31	100 %	79.65 %	$ 68.62	$ 1760.52
Expenses	2025	14	$ 309.7	100 %	70.42 %	$ 74.88	$ 1715.12

Note: All dollar values are inflation-adjusted to 2025, -equivalent value; aggregate fleet cost per expense item are shown in $million; cost per vessel day and cost per thousand t are prorated by fleet total number of days and t produced, representing average pro-rata values for the fleet, and are shown in $1000 per pro-rata unit. ''*'' indicates value is suppressed for confidentiality. Gross revenue values are inclusive of all reported fishery product sales, tendering and other for-hire vessel services, quota royalties and other permit/license leasing and sales realized during the year. Fleet-level pro-rata values by expense item are calculated using fleet aggregated cost values and pro-rata factors, respectively, and represent the weighted average (mean) for vessels within the fleet; cost per vessel-day is pro-rated over the number of days that each vessel was active (365 - days inactive), aggregated over all vessels; cost per thousand metric ton is pro-rated over aggregate fleet production output.
Source: Amendment 80 Economic Data Reports.

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item

	Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	22	$ 973.75	6.01 %	5.07 %	$ 4.01	$ 128.97
	2009	21	$ 878.49	5.33 %	4.78 %	$ 3.85	$ 99.3
	2010	20	$ 888.03	5.65 %	4.1 %	$ 3.72	$ 102.51
	2011	20	$ 1225.28	5.41 %	3.52 %	$ 4.22	$ 107.41
	2012	20	$ 1065.73	5.62 %	3.64 %	$ 3.92	$ 105.92
	2013	18	$ 893.06	5.15 %	4.18 %	$ 3.26	$ 86.01
	2014	18	$ 1058.99	5.05 %	4 %	$ 3.46	$ 87.75
	2015	18	$ 960.95	4.9 %	4.57 %	$ 3.3	$ 100.08
	2016	19	$ 927.66	5.37 %	4.21 %	$ 3.37	$ 98.22
	2017	19	$ 1126.21	5.22 %	4.3 %	$ 3.87	$ 120.33
	2018	19	$ 1300.86	5.38 %	4 %	$ 4.45	$ 122.7
	2019	20	$ 976.98	4.73 %	4.07 %	$ 3.67	$ 101.17
	2020	19	$ 848.38	4.49 %	3.89 %	$ 3	$ 81.53
Labor	2021	19	$ 863.21	4.42 %	3.98 %	$ 2.76	$ 84.12
Payment,	2022	18	$ 1096.01	5.13 %	4.41 %	$ 3.72	$ 90.04
Fishing	2023	17	$ 981.21	4.49 %	3.98 %	$ 3.33	$ 100.24
(Deck)	2024	16	$ 1030.16	4.5 %	3.68 %	$ 3.46	$ 81.48
Crew	2025	14	$ 1136.12	4.76 %	3.78 %	$ 4.12	$ 88.67
	2008	21	$ 1583.05	10.27 %	9.48 %	$ 5.64	$ 214.13
	2009	21	$ 1454.53	12.28 %	11.64 %	$ 6.23	$ 216.04
	2010	20	$ 2003.02	13.36 %	11.68 %	$ 6.88	$ 242.42
	2011	20	$ 2683.33	14.55 %	10.64 %	$ 8.97	$ 269.96
	2012	20	$ 2833.23	13.68 %	10.72 %	$ 9.72	$ 272.91
	2013	18	$ 2225.18	11.84 %	10.28 %	$ 7.67	$ 214.35
	2014	18	$ 2224.89	12.49 %	9.7 %	$ 7.56	$ 207.56
	2015	18	$ 1999.01	11.82 %	10.5 %	$ 6.44	$ 216.53
	2016	19	$ 1929.03	13.27 %	11.16 %	$ 6.81	$ 245.85
	2017	19	$ 2544.83	13.92 %	10.81 %	$ 8.76	$ 290.46
	2018	19	$ 2905.38	15.65 %	11.38 %	$ 11.67	$ 318.89
	2019	20	$ 2828.27	14.87 %	11.75 %	$ 9.14	$ 301.26
	2020	19	$ 2128.85	14.17 %	12.58 %	$ 8.07	$ 239.27
	2021	19	$ 2287.92	15.55 %	14.25 %	$ 7.62	$ 288.04
Labor	2022	18	$ 2481.86	11.81 %	10.96 %	$ 9.02	$ 217.72
Payment,	2023	17	$ 2626.55	13.79 %	11 %	$ 8.77	$ 245.89
Other	2024	16	$ 2784.8	12.61 %	9.55 %	$ 9.14	$ 203.47
Vessel Crew	2025	14	$ 3210.05	12.57 %	9.54 %	$ 10.89	$ 219.02

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	22	$ 2700.52	16.34 %	14.73 %	$ 11.17	$ 340.02
		2009	21	$ 2484.48	16.05 %	15.08 %	$ 10.7	$ 301.27
		2010	20	$ 2656.23	17.42 %	13.77 %	$ 10.89	$ 329.14
		2011	20	$ 3612.33	18.77 %	13.06 %	$ 12.43	$ 382.59
		2012	20	$ 3573.38	18.5 %	14.23 %	$ 12.5	$ 383.16
		2013	18	$ 2666.8	15.46 %	13.12 %	$ 9.62	$ 279.5
		2014	18	$ 3027.9	16.42 %	12.59 %	$ 9.99	$ 295.15
		2015	18	$ 2671.16	14.74 %	12.86 %	$ 9.12	$ 269.51
		2016	19	$ 2694.36	16.89 %	12.77 %	$ 9.75	$ 283.74
		2017	19	$ 4147.14	18.86 %	14.74 %	$ 13.7	$ 401.72
		2018	19	$ 4048.71	18.67 %	13.52 %	$ 13.39	$ 392.76
		2019	20	$ 3305.15	16.12 %	12.78 %	$ 11.47	$ 325.73
		2020	19	$ 2493.35	15.21 %	12.68 %	$ 9.29	$ 260.62
		2021	19	$ 1721.67	12.3 %	12.02 %	$ 5.9	$ 224.83
	Labor	2022	18	$ 2883.95	14.19 %	12.78 %	$ 9.66	$ 251.36
	Payment,	2023	17	$ 2573.55	13.36 %	12.3 %	$ 9.36	$ 275
	Processing	2024	16	$ 2957.22	15.38 %	11.79 %	$ 9.24	$ 270.71
	Employees	2025	14	$ 3497.24	17.02 %	11.97 %	$ 11.41	$ 290.79
		2008	22	$ 375.34	3.57 %	3.13 %	$ 1.44	$ 73.43
		2009	21	$ 505.86	3.91 %	3.14 %	$ 1.91	$ 72.32
		2010	20	$ 574.19	3.72 %	2.89 %	$ 2.17	$ 64.96
		2011	20	$ 669.86	3.52 %	2.32 %	$ 2.27	$ 66.37
		2012	20	$ 695.29	3.24 %	2.22 %	$ 2.48	$ 60.73
		2013	18	$ 810.17	4.14 %	3.15 %	$ 2.77	$ 65.22
		2014	18	$ 744.76	4.07 %	2.94 %	$ 2.75	$ 66.38
		2015	18	$ 727.97	4.21 %	3.4 %	$ 2.59	$ 67.48
		2016	19	$ 742.93	4.43 %	3.15 %	$ 2.62	$ 70.41
		2017	19	$ 851.46	4.52 %	3.15 %	$ 2.91	$ 90.24
		2018	19	$ 871.36	4.6 %	3.19 %	$ 3.01	$ 92.42
		2019	20	$ 910.91	4.62 %	3.42 %	$ 3.04	$ 87.79
		2020	19	$ 931.61	4.82 %	4.24 %	$ 3.33	$ 85.6
		2021	19	$ 879.94	5.23 %	5.22 %	$ 3.05	$ 106.71
	Other	2022	18	$ 846.99	4.55 %	4.02 %	$ 2.68	$ 77.42
	Employment	2023	17	$ 733.01	4.64 %	3.31 %	$ 2.57	$ 81.4
	Related	2024	16	$ 863.02	5.25 %	4.19 %	$ 2.73	$ 96.63
Labor	Costs	2025	14	$ 840.01	4 %	2.58 %	$ 2.78	$ 63.5

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	19	$ 363.24	2.8 %	2.6 %	$ 1.29	$ 65.42
	2009	21	$ 552.44	3.89 %	3.3 %	$ 2.18	$ 74.89
	2010	20	$ 579.01	3.8 %	2.76 %	$ 2.02	$ 71.03
	2011	20	$ 490.06	2.42 %	1.64 %	$ 1.69	$ 45.18
	2012	19	$ 514.25	1.87 %	1.39 %	$ 1.78	$ 36.77
	2013	18	$ 640.88	3.51 %	2.61 %	$ 2.13	$ 54.86
	2014	18	$ 529	2.31 %	2.02 %	$ 1.74	$ 42.21
	2015	18	$ 533.51	2.95 %	2.86 %	$ 1.75	$ 51.3
	2016	14	$ 337.02	1.54 %	1.29 %	$ 1.17	$ 28.59
	2017	19	$ 527.05	2.03 %	1.48 %	$ 1.78	$ 40.98
	2018	19	$ 392.93	1.86 %	1.32 %	$ 1.37	$ 38.17
	2019	20	$ 597.4	2.92 %	2.29 %	$ 2.09	$ 60.12
	2020	19	$ 611.36	3.77 %	3.19 %	$ 2.2	$ 68.51
	2021	18	$ 399.19	2.15 %	2.13 %	$ 1.36	$ 43.78
	2022	18	$ 401.52	2.58 %	2.19 %	$ 1.43	$ 43.96
	2023	17	$ 268.03	1.46 %	1.44 %	$ 0.87	$ 29.28
Fishing	2024	16	$ 430.05	2.25 %	1.85 %	$ 1.43	$ 41.78
Gear	2025	14	$ 398.62	1.84 %	1.32 %	$ 1.3	$ 33.5
	2008	22	$ 65.54	0.49 %	0.44 %	$ 0.24	$ 13.21
	2009	21	$ 76.27	0.67 %	0.69 %	$ 0.37	$ 13.65
	2010	20	$ 99.73	0.66 %	0.52 %	$ 0.37	$ 12.65
	2011	20	$ 86.62	0.67 %	0.44 %	$ 0.32	$ 12.86
	2012	20	$ 89.72	0.57 %	0.45 %	$ 0.34	$ 12.25
	2013	18	$ 116.05	0.69 %	0.54 %	$ 0.49	$ 12.04
	2014	18	$ 145.19	0.78 %	0.61 %	$ 0.47	$ 13.56
	2015	18	$ 147.32	0.82 %	0.56 %	$ 0.56	$ 13.44
	2016	19	$ 78.81	0.8 %	0.56 %	$ 0.33	$ 13.69
	2017	17	$ 82.55	0.63 %	0.36 %	$ 0.26	$ 10.39
	2018	19	$ 169.35	0.78 %	0.48 %	$ 0.54	$ 13.55
	2019	20	$ 172.61	1.02 %	0.78 %	$ 0.57	$ 19.63
	2020	19	$ 104.75	0.81 %	0.86 %	$ 0.44	$ 14.1
	2021	19	$ 277.59	1.57 %	1.23 %	$ 0.94	$ 27.45
	2022	18	$ 169.46	0.91 %	0.83 %	$ 0.67	$ 16.96
	2023	17	$ 193.04	0.92 %	0.72 %	$ 0.64	$ 15.78
	2024	16	$ 139.22	0.79 %	0.59 %	$ 0.59	$ 12.61
Freight	2025	12	$ 215.46	0.96 %	0.69 %	$ 0.74	$ 16.96

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	1	*	*	*	*	*
		2009	5	$ 0	0 %	0 %	$ 0	$ 0
		2010	6	$ 0	0 %	0 %	$ 0	$ 0
		2011	7	$ 0	0 %	0 %	$ 0	$ 0
		2012	8	$ 0	0 %	0 %	$ 0	$ 0
		2013	6	$ 0	0 %	0 %	$ 0	$ 0
		2014	5	$ 0	0 %	0 %	$ 0	$ 0
		2015	5	$ 0	0 %	0 %	$ 0	$ 0
		2016	7	$ 0	0 %	0 %	$ 0	$ 0
		2017	9	$ 0	0 %	0 %	$ 0	$ 0
		2018	9	$ 0	0 %	0 %	$ 0	$ 0
		2019	7	$ 0	0 %	0 %	$ 0	$ 0
		2020	4	$ 0	0 %	0 %	$ 0	$ 0
		2021	5	$ 0	0 %	0 %	$ 0	$ 0
		2022	7	$ 0	0 %	0 %	$ 0	$ 0
		2023	5	$ 0	0 %	0 %	$ 0	$ 0
	Lease	2024	5	$ 0	0 %	0 %	$ 0	$ 0
	Expenses	2025	4	$ 0	0 %	0 %	$ 0	$ 0
		2008	22	$ 1317.49	10.46 %	9.54 %	$ 5.67	$ 213.88
		2009	21	$ 1665.72	13.41 %	11.11 %	$ 5.78	$ 247.29
		2010	20	$ 2411.06	14.5 %	10.37 %	$ 8.62	$ 228.07
		2011	19	$ 2024.19	11.31 %	8.37 %	$ 7.38	$ 223.83
		2012	20	$ 2382.27	16.63 %	10.91 %	$ 8.67	$ 311.61
		2013	18	$ 2553.76	15.02 %	11.46 %	$ 9.39	$ 250.78
		2014	18	$ 2020.95	10.91 %	8.17 %	$ 7.08	$ 194.81
		2015	18	$ 2112.96	9.19 %	8.09 %	$ 7.06	$ 175.23
		2016	19	$ 1340.22	8.64 %	6.66 %	$ 4.11	$ 163.93
		2017	19	$ 1927.74	8.16 %	6.03 %	$ 6.41	$ 181.21
		2018	19	$ 2097.83	9.86 %	6.94 %	$ 7.54	$ 216.2
		2019	20	$ 2127.41	9.67 %	8.54 %	$ 7.91	$ 212.96
		2020	19	$ 1748.1	9.38 %	8.4 %	$ 5.6	$ 155.69
		2021	19	$ 1597.57	11.71 %	10.75 %	$ 5.86	$ 212.9
		2022	18	$ 1659.14	9.24 %	6.72 %	$ 5.37	$ 156.8
		2023	17	$ 2012	11 %	9.47 %	$ 6.67	$ 185.46
	Repair and	2024	16	$ 1745.73	10.5 %	8.31 %	$ 6.79	$ 193.85
Vessel	Maintenance	2025	14	$ 2126.18	10.73 %	7.4 %	$ 6.77	$ 195.12

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	19	$ 355.4	2.46 %	2.33 %	$ 1.33	$ 56.21
	2009	18	$ 360.57	2.58 %	2.34 %	$ 1.45	$ 45.33
	2010	17	$ 378.72	2.46 %	1.92 %	$ 1.29	$ 40.62
	2011	17	$ 445.24	2.26 %	1.57 %	$ 1.48	$ 43.2
	2012	17	$ 424.05	1.94 %	1.42 %	$ 1.59	$ 38.58
	2013	15	$ 436.36	2.27 %	1.8 %	$ 1.59	$ 37.38
	2014	15	$ 371.43	2.21 %	1.61 %	$ 1.28	$ 37.3
	2015	15	$ 423.97	2.55 %	1.94 %	$ 1.47	$ 42.93
	2016	16	$ 413.73	2.64 %	1.86 %	$ 1.43	$ 43.26
	2017	14	$ 392.13	1.69 %	1.42 %	$ 1.29	$ 36.15
	2018	14	$ 354.51	1.49 %	1.19 %	$ 1.21	$ 32.24
	2019	17	$ 341.06	1.66 %	1.45 %	$ 1.2	$ 34.87
	2020	16	$ 357.94	1.98 %	1.94 %	$ 1.22	$ 34.6
	2021	16	$ 327.79	1.82 %	1.89 %	$ 1.05	$ 33.05
	2022	15	$ 392.46	2.01 %	1.82 %	$ 1.46	$ 36.57
	2023	14	$ 377.76	1.75 %	1.81 %	$ 1.37	$ 33.35
Food and	2024	13	$ 367.44	1.82 %	1.48 %	$ 1.56	$ 30.9
Provisions	2025	12	$ 500.5	1.74 %	1.4 %	$ 1.7	$ 32.59
	2008	22	$ 3305.97	21.68 %	18.47 %	$ 11.74	$ 417.88
	2009	21	$ 2137.25	15.9 %	14.23 %	$ 8.22	$ 279.85
	2010	20	$ 2638.37	16.82 %	13.09 %	$ 9.07	$ 281.09
	2011	20	$ 2989.72	17.45 %	11.47 %	$ 10.61	$ 300.35
	2012	20	$ 3337.64	15.97 %	11.81 %	$ 11.23	$ 322.15
	2013	18	$ 3718.64	19.36 %	17.1 %	$ 12.59	$ 343.1
	2014	18	$ 3503	19.05 %	14.09 %	$ 12.34	$ 313.11
	2015	18	$ 2461.72	13.83 %	12.14 %	$ 9.24	$ 245.05
	2016	19	$ 1911.95	11.48 %	9.16 %	$ 6.39	$ 192.22
	2017	19	$ 1985.79	10.07 %	7.63 %	$ 7.44	$ 202.53
	2018	19	$ 2755.45	12.49 %	8.74 %	$ 8.99	$ 254.35
	2019	20	$ 2343.51	12.24 %	10.59 %	$ 8.35	$ 261.34
	2020	19	$ 1886.87	10.79 %	9.09 %	$ 6.6	$ 179.72
	2021	19	$ 2198.74	14.41 %	13.21 %	$ 7.5	$ 252.82
	2022	18	$ 3685.85	16.66 %	16.44 %	$ 12.34	$ 324.49
	2023	17	$ 3335.93	16.88 %	14.61 %	$ 11.12	$ 317.15
	2024	16	$ 3003.67	15.05 %	11.35 %	$ 9.32	$ 260.01
Fuel	2025	14	$ 2799.75	12.7 %	9.07 %	$ 8.76	$ 221.47

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	22	$ 122.79	0.91 %	0.84 %	$ 0.45	$ 20.44
	2009	21	$ 150.03	1.05 %	0.8 %	$ 0.54	$ 17.82
	2010	20	$ 126.52	0.9 %	0.69 %	$ 0.5	$ 14.03
	2011	20	$ 170.09	0.99 %	0.7 %	$ 0.61	$ 18.3
	2012	19	$ 144.69	0.67 %	0.56 %	$ 0.56	$ 16.2
	2013	18	$ 181.67	0.96 %	0.85 %	$ 0.64	$ 17.86
	2014	18	$ 145.44	0.85 %	0.58 %	$ 0.52	$ 13.58
	2015	18	$ 157.99	1.05 %	0.83 %	$ 0.59	$ 17.8
	2016	19	$ 149.01	0.87 %	0.67 %	$ 0.53	$ 15.78
	2017	19	$ 176.72	0.89 %	0.55 %	$ 0.61	$ 18.11
	2018	19	$ 154.85	0.65 %	0.47 %	$ 0.54	$ 13.63
	2019	20	$ 102.13	0.55 %	0.43 %	$ 0.33	$ 11.2
	2020	19	$ 125.06	0.87 %	0.77 %	$ 0.43	$ 15.49
	2021	19	$ 119.96	0.7 %	0.64 %	$ 0.41	$ 13.09
	2022	18	$ 143.37	0.75 %	0.74 %	$ 0.46	$ 14.72
	2023	17	$ 232.06	1.14 %	0.89 %	$ 0.74	$ 21.19
Lubrication	2024	16	$ 187.61	0.96 %	0.79 %	$ 0.64	$ 18.82
and Fluids	2025	14	$ 163.5	0.88 %	0.61 %	$ 0.59	$ 15.75
	2008	22	$ 293.18	1.69 %	1.53 %	$ 1.12	$ 36.63
	2009	21	$ 212.64	1.43 %	1.32 %	$ 0.81	$ 27.46
	2010	20	$ 243.85	1.54 %	1.16 %	$ 1.02	$ 28.97
	2011	20	$ 351.39	1.55 %	1.12 %	$ 1.15	$ 28.91
	2012	20	$ 339.17	1.64 %	1.23 %	$ 1.14	$ 30.41
	2013	18	$ 299.32	1.68 %	1.36 %	$ 1.21	$ 28.48
	2014	18	$ 379.23	1.8 %	1.56 %	$ 1.19	$ 31.92
	2015	18	$ 263.28	1.51 %	1.3 %	$ 0.89	$ 25.26
	2016	19	$ 283.13	1.74 %	1.31 %	$ 0.97	$ 31.07
	2017	19	$ 290.91	1.39 %	1.08 %	$ 0.92	$ 28.55
	2018	19	$ 268.09	1.31 %	0.92 %	$ 0.89	$ 28.71
	2019	20	$ 318.6	1.6 %	1.28 %	$ 1.01	$ 30.91
	2020	19	$ 258.21	1.71 %	1.58 %	$ 0.92	$ 31.73
	2021	19	$ 205.76	1.73 %	1.76 %	$ 0.67	$ 31.4
Product	2022	18	$ 289.12	1.56 %	1.55 %	$ 1	$ 30.85
and	2023	17	$ 299.57	1.75 %	1.62 %	$ 1.03	$ 33.59
Packaging	2024	16	$ 347.62	1.72 %	1.53 %	$ 1.12	$ 33.44
Materials	2025	14	$ 397.85	1.76 %	1.3 %	$ 1.28	$ 32.7

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	2	*	*	*	*	*
		2010	1	*	*	*	*	*
		2011	1	*	*	*	*	*
		2012	1	*	*	*	*	*
		2013	1	*	*	*	*	*
		2015	4	$ 0	0 %	0 %	$ 0	$ 0
		2016	5	$ 0	0 %	0 %	$ 0	$ 0
		2017	5	$ 0	0 %	0 %	$ 0	$ 0
		2018	6	$ 0	0 %	0 %	$ 0	$ 0
		2019	7	$ 0	0 %	0 %	$ 0	$ 0
		2020	7	$ 0	0 %	0 %	$ 0	$ 0
		2021	6	$ 0	0 %	0 %	$ 0	$ 0
		2022	6	$ 0	0 %	0 %	$ 0	$ 0
		2023	5	$ 0	0 %	0 %	$ 0	$ 0
	Raw Fish	2024	3	$ 0	0 %	0 %	$ 0	$ 0
Materials	Purchases	2025	3	$ 0	0 %	0 %	$ 0	$ 0
		2008	16	$ 33.16	0.19 %	0.2 %	$ 0.13	$ 3.92
		2009	15	$ 72.46	0.43 %	0.5 %	$ 0.25	$ 10.29
		2010	14	$ 84.06	0.55 %	0.38 %	$ 0.26	$ 9.1
		2011	16	$ 79.79	0.52 %	0.36 %	$ 0.27	$ 10.05
		2012	16	$ 87.65	0.5 %	0.36 %	$ 0.36	$ 10.73
		2013	14	$ 71.31	0.47 %	0.33 %	$ 0.23	$ 7.66
		2014	14	$ 66.21	0.43 %	0.26 %	$ 0.23	$ 6.41
		2015	14	$ 61.31	0.44 %	0.34 %	$ 0.2	$ 7.02
		2016	15	$ 71.71	0.55 %	0.29 %	$ 0.31	$ 7.32
		2017	18	$ 91.58	0.39 %	0.27 %	$ 0.32	$ 9.29
		2018	19	$ 143.26	0.66 %	0.45 %	$ 0.5	$ 14.01
		2019	20	$ 121.91	0.66 %	0.52 %	$ 0.4	$ 12.92
		2020	19	$ 145.87	0.82 %	0.7 %	$ 0.49	$ 14.5
		2021	19	$ 138.49	1.1 %	0.96 %	$ 0.47	$ 18.18
		2022	18	$ 131.77	0.66 %	0.66 %	$ 0.42	$ 12.78
		2023	17	$ 152.74	0.76 %	0.75 %	$ 0.49	$ 16.82
	Cooperative	2024	16	$ 169.76	0.58 %	0.45 %	$ 0.53	$ 9.98
	Costs	2025	14	$ 137	0.47 %	0.38 %	$ 0.45	$ 8.38

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	22	$ 192.95	1.13 %	1.05 %	$ 0.75	$ 26.32
	2009	21	$ 201.01	1.42 %	1.28 %	$ 0.89	$ 22.92
	2010	20	$ 117.03	0.79 %	0.66 %	$ 0.41	$ 14.86
	2011	20	$ 139.86	0.79 %	0.55 %	$ 0.45	$ 14.23
	2012	20	$ 191.53	1.1 %	0.83 %	$ 0.81	$ 22.1
	2013	18	$ 216.21	1.36 %	1.04 %	$ 0.76	$ 22.2
	2014	18	$ 203.88	1.1 %	0.86 %	$ 0.71	$ 18.8
	2015	18	$ 204.93	1.2 %	1.02 %	$ 0.66	$ 23.06
	2016	19	$ 288.95	1.84 %	1.2 %	$ 1.02	$ 29.6
	2017	19	$ 205.87	1.31 %	1.04 %	$ 0.72	$ 27.68
	2018	19	$ 260.46	1.66 %	1.17 %	$ 0.89	$ 34.13
	2019	20	$ 268.07	1.52 %	1.28 %	$ 1.02	$ 31.68
	2020	19	$ 260.9	1.77 %	1.55 %	$ 1.18	$ 31.06
	2021	19	$ 161.5	0.99 %	0.93 %	$ 0.52	$ 17.6
	2022	18	$ 163.6	0.91 %	0.81 %	$ 0.59	$ 17.06
	2023	17	$ 170.67	0.91 %	0.8 %	$ 0.61	$ 15.35
	2024	16	$ 232.78	1.16 %	0.94 %	$ 0.78	$ 21.25
Fish Tax	2025	14	$ 211.05	1.11 %	0.75 %	$ 0.66	$ 19.47
	2008	22	$ 269.33	1.56 %	1.4 %	$ 1.01	$ 32.51
	2009	21	$ 249.88	1.9 %	1.6 %	$ 1	$ 31.73
	2010	20	$ 272.71	1.75 %	1.31 %	$ 0.97	$ 26.95
	2011	20	$ 273.36	1.33 %	0.9 %	$ 0.92	$ 27
	2012	19	$ 261.02	1.17 %	0.93 %	$ 0.96	$ 25.1
	2013	18	$ 280.24	1.46 %	1.23 %	$ 0.97	$ 26.69
	2014	18	$ 284.43	1.53 %	1.23 %	$ 0.99	$ 25.66
	2015	18	$ 300.34	1.57 %	1.4 %	$ 1.02	$ 27.72
	2016	19	$ 295.04	1.58 %	1.27 %	$ 0.98	$ 29.78
	2017	19	$ 293.06	1.51 %	1.05 %	$ 0.94	$ 28.21
	2018	19	$ 281.21	1.58 %	1.07 %	$ 0.96	$ 30.58
	2019	20	$ 277.8	1.47 %	1.22 %	$ 0.96	$ 31.52
	2020	19	$ 271.9	1.77 %	1.38 %	$ 0.94	$ 27.21
	2021	19	$ 259.8	1.8 %	1.46 %	$ 0.88	$ 31.79
	2022	18	$ 271.98	1.48 %	1.14 %	$ 0.89	$ 25.43
	2023	17	$ 263.29	1.42 %	1.03 %	$ 0.85	$ 23.72
	2024	16	$ 255.31	1.38 %	1.08 %	$ 0.81	$ 24.82
Observer	2025	14	$ 268.72	1.32 %	0.89 %	$ 0.9	$ 23.61

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	2	*	*	*	*	*
		2009	4	$ 0	0 %	0 %	$ 0	$ 0
		2010	2	*	*	*	*	*
		2011	8	$ 0	0 %	0 %	$ 0	$ 0
		2012	4	$ 0	0 %	0 %	$ 0	$ 0
		2013	3	$ 0	0 %	0 %	$ 0	$ 0
		2014	8	$ 0	0 %	0 %	$ 0	$ 0
		2015	7	$ 0	0 %	0 %	$ 0	$ 0
		2016	9	$ 0	0 %	0 %	$ 0	$ 0
		2017	5	$ 0	0 %	0 %	$ 0	$ 0
		2018	4	$ 0	0 %	0 %	$ 0	$ 0
		2019	2	*	*	*	*	*
		2020	9	$ 0	0 %	0 %	$ 0	$ 0
		2021	3	$ 0	0 %	0 %	$ 0	$ 0
		2022	2	*	*	*	*	*
		2023	3	$ 0	0 %	0 %	$ 0	$ 0
	Quota	2024	1	*	*	*	*	*
Fees	Royalties	2025	6	$ 0	0 %	0 %	$ 0	$ 0
		2008	9	$ 0	0 %	0 %	$ 0	$ 0
		2009	10	$ 0	0 %	0 %	$ 0	$ 0
		2010	8	$ 0	0 %	0 %	$ 0	$ 0
		2011	4	$ 0	0 %	0 %	$ 0	$ 0
		2012	4	$ 0	0 %	0 %	$ 0	$ 0
		2013	4	$ 0	0 %	0 %	$ 0	$ 0
		2014	7	$ 0	0 %	0 %	$ 0	$ 0
		2015	10	$ 2860.85	17.02 %	16.17 %	$ 9.44	$ 333.06
		2016	10	$ 2468.45	16.98 %	15.8 %	$ 8.57	$ 324.58
		2017	13	$ 2734.45	14.96 %	12.31 %	$ 10.47	$ 338.43
		2018	10	$ 6.23	0.02 %	0.02 %	$ 0.02	$ 0.67
		2019	14	$ 2683.43	14.29 %	12.01 %	$ 9.4	$ 328.79
		2020	10	$ 836.25	11.84 %	14.26 %	$ 6.32	$ 187.54
		2021	10	$ 0.25	0 %	0 %	$ 0	$ 0.04
		2022	16	$ 3527.72	18.06 %	15.98 %	$ 12.37	$ 337.15
		2023	14	$ 3237.3	16.78 %	14.21 %	$ 10.6	$ 328.18
	Freight and	2024	12	$ 3154.74	16.35 %	15 %	$ 10.55	$ 316.75
	Storage	2025	11	$ 4191.26	16.83 %	13 %	$ 13.28	$ 311.7

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

		Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
		2008	22	$ 643.5	5.2 %	4.75 %	$ 2.6	$ 110.32
		2009	21	$ 1012.57	8.78 %	7.72 %	$ 3.52	$ 158.89
		2010	16	$ 644.06	4.63 %	3.55 %	$ 2.27	$ 71.98
		2011	16	$ 899.1	4.6 %	3.14 %	$ 3.2	$ 80.42
		2012	20	$ 996.53	4.69 %	3.91 %	$ 4.02	$ 94.93
		2013	18	$ 742.43	4.68 %	4.15 %	$ 3.07	$ 81.72
		2014	16	$ 1449.11	8.02 %	6.49 %	$ 5.2	$ 137.73
		2015	11	$ 1697.69	8.58 %	7.13 %	$ 5.51	$ 165.62
		2016	11	$ 1850.53	8.8 %	6.78 %	$ 6.4	$ 169.14
		2017	15	$ 2174.76	7.1 %	4.75 %	$ 7.16	$ 138.58
		2018	15	$ 2277.4	8.12 %	5.36 %	$ 7.85	$ 165.35
		2019	20	$ 1506.64	6.35 %	5.27 %	$ 5.06	$ 128.67
		2020	18	$ 957.08	6.06 %	6.18 %	$ 3.66	$ 104.84
		2021	16	$ 532.24	4.39 %	4.02 %	$ 1.79	$ 68.75
		2022	16	$ 754.29	3.9 %	3.76 %	$ 2.35	$ 70.6
	General	2023	17	$ 607.06	3.45 %	3.74 %	$ 2.15	$ 66.2
	Administrative	2024	16	$ 640.13	3.49 %	3.01 %	$ 2.01	$ 67.07
	Cost	2025	14	$ 702.3	3.23 %	2.61 %	$ 2.22	$ 59.55
		2008	22	$ 664.46	3.95 %	3.87 %	$ 2.34	$ 89.93
		2009	21	$ 652.69	5.31 %	4.65 %	$ 2.22	$ 90.95
		2010	20	$ 700.93	4.55 %	3.34 %	$ 2.49	$ 73.87
		2011	20	$ 701.31	3.59 %	2.5 %	$ 2.28	$ 66.19
		2012	20	$ 798.29	4.12 %	3.05 %	$ 3.01	$ 77.91
		2013	18	$ 748.18	3.87 %	3 %	$ 2.4	$ 67.49
		2014	17	$ 869.45	5.52 %	3.51 %	$ 2.99	$ 90.93
		2015	18	$ 617.45	3.82 %	3.43 %	$ 2.03	$ 66.81
		2016	19	$ 575.94	4.17 %	3.31 %	$ 1.97	$ 72.33
		2017	19	$ 557.23	2.98 %	2.55 %	$ 1.79	$ 60.11
		2018	19	$ 568.02	3.44 %	2.71 %	$ 1.91	$ 72.07
		2019	20	$ 624.36	4.01 %	3.3 %	$ 2.18	$ 85.1
		2020	19	$ 620.36	4.42 %	3.97 %	$ 2.05	$ 71.63
		2021	19	$ 744.31	5.12 %	4.78 %	$ 2.34	$ 92.91
		2022	18	$ 803.84	3.76 %	3.26 %	$ 2.76	$ 68.07
		2023	17	$ 1146.61	5.16 %	4.66 %	$ 3.71	$ 95.86
		2024	16	$ 893.92	4.62 %	3.83 %	$ 2.99	$ 88.01
Overhead	Insurance	2025	14	$ 1122.8	4.84 %	3.62 %	$ 3.61	$ 98.81

Table 6.10: A80 Vessel Median Operating Expenses and *Pro-Rata* Indices, by Expense Category and Item *(continued)*

	Year	Vessels	Cost per Vessel, median ($1,000)	Percent of Total Expenses	Percent of Gross Revenue	Cost per vessel-day ($1000)	Cost per 1000 t ($)
	2008	22	$ 15949.79	100 %	87.28 %	$ 66.4	$ 2137.09
	2009	21	$ 13131.22	100 %	82.96 %	$ 52.95	$ 1790.25
	2010	20	$ 14939.74	100 %	76.09 %	$ 56.68	$ 1727.99
	2011	20	$ 20228.35	100 %	70.98 %	$ 78.49	$ 2036.06
	2012	20	$ 22866.61	100 %	79.82 %	$ 85.85	$ 2024.6
	2013	18	$ 17141.63	100 %	76.92 %	$ 67.22	$ 1719.44
	2014	18	$ 19108.54	100 %	75.93 %	$ 67.8	$ 1720.43
	2015	18	$ 18897.95	100 %	86.75 %	$ 66.63	$ 1751.59
	2016	19	$ 16685.77	100 %	76.79 %	$ 60.26	$ 1817.93
	2017	19	$ 19943.44	100 %	79.18 %	$ 74.23	$ 2046.45
	2018	19	$ 23858.17	100 %	73.38 %	$ 74.83	$ 2108.68
	2019	20	$ 19138.45	100 %	81.25 %	$ 63.95	$ 2078.25
	2020	19	$ 15042.81	100 %	89.09 %	$ 59.36	$ 1729.63
	2021	19	$ 12730.08	100 %	91.25 %	$ 47.5	$ 1754.03
	2022	18	$ 18383.9	100 %	91.62 %	$ 65.21	$ 1846.66
	2023	17	$ 17131.67	100 %	88.16 %	$ 60.25	$ 1895.75
All Annual	2024	16	$ 17484.46	100 %	83.58 %	$ 57.85	$ 1881.45
Expenses	2025	14	$ 22158.26	100 %	71.09 %	$ 70.02	$ 1836.22

Note: All dollar values are inflation-adjusted to 2025-equivalent value; median cost per expense item, cost per vessel day, and cost per thousand *t* are shown in $1000. "*'' indicates value is suppressed for confidentiality. Gross revenue values are inclusive of all reported fishery product sales, tendering and other for-hire vessel services, quota royalties and other permit/license leasing and sales realized during the year. Median cost values and pro-rata indices are calculated over non-zero observations in individual vessel data for each expense item. Note that the set of vessels reporting non-zero values typically differs across expense items during a given year, and median values reported for respective expense items in a given year are calculated over distinct sets of vessels. As such, the statistics reported in the above table should not be interpreted as directly comparable across respective expense items and/or years in terms of characterizing a consistent representative ''median vessel''.
Source: Amendment 80 Economic Data Reports.

6.4.3 Operating returns

Figures 6.10 and 6.11 provide an overview of economic and financial performance of the Amendment 80 sector at the fleet and median vessel level over the 18-year period, in terms of a high-level income analysis. This synthesis underlines the severity of the adverse economic conditions the Amendment 80 sector has faced in recent years, most severely in 2021: with gross revenues across the sector in sharp decline successively in 2019 through 2021, and aggregate expenses declining to a lesser degree, the Amendment 80 sector saw the worst five-year period of financial performance during 2020-2024 since the management program went into effect. From a fleet aggregate gross revenue of $316 million in 2021, labor- and non-labor operating costs totaling $221 million, and overhead of $71 million, aggregate gross income in 2021 fell to $95 million, and operating income of $25 million (an operating margin of 7.8% of gross revenue), less than one-fourth the average annual value of $104 million (an average 22% operating margin) over the previous 13 years. Financial performance by these estimated measures marginally improved over the next two years, with operating income reaching $44 million in aggregate during 2023 on gross revenue of $380 million (an 11.5% operating margin). Financial performance at the fleet-level recovered substantially for 2025, with operating income increasing 59% year-on-year, to $130 million on gross revenue of $440 million, an operating margin of 30%, on-par with 2018 and among the three best years in the time-series.

Figures 6.10 and 6.11 summarize and synthesize operating revenue and operating cost information presented in the previous two subsections (tabular data depicted in these figures is displayed in Table 6.11; *Gross revenue* values in the figures and table summarize itemized gross operating revenues reported in Table 6.8, while expense values summarize the itemized expenses detailed in Tables 6.9 and 6.10. *Gross income* is calculated as gross revenue, less total operating costs (i.e., expenses incurred most directly in the operation of the vessel and the process of production, including on-board labor, vessel and equipment, materials, and ad-valorem fees and taxes). *Operating income* is calculated as gross income less overhead expenses; as reported based on available data, this approximates the sector aggregate and median vessel-level annual operating return to vessel owners from the primary production activities of vessels and associated assets in the Amendment 80 fleet. These results provide a measure of profitability of vessel operations on an annual cash-flow basis, with residual percentage values (gross- and operating income as percentages of gross revenue) shown as well.[11] However, the results shown do not provide a complete accounting of all relevant variable operating costs, exclude non-payroll income and other taxes, depreciation and debt payments (principal and interest) on capital assets, and other financial and cash-flow accounting items relevant to some or all vessels. As such, the operating income results presented in Figures 6.10 and 6.11 and Table 6.11 do not measure aggregate or average *net profit* within the sector, and should be regarded as representing an upper bound on pre-tax annual returns to capital over time.

[11] Monetary cost, revenue and income values presented in this section are adjusted for inflation, as described above, to provide comparability of value over time; note, however, that the specific adjustment method may result in a different relative ranking of high/low values over time than an alternative method, e.g., using a Producer Price Index. Residual percentages provide normalized measures of financial performance that are directly comparable over time without requiring inflation adjustment.

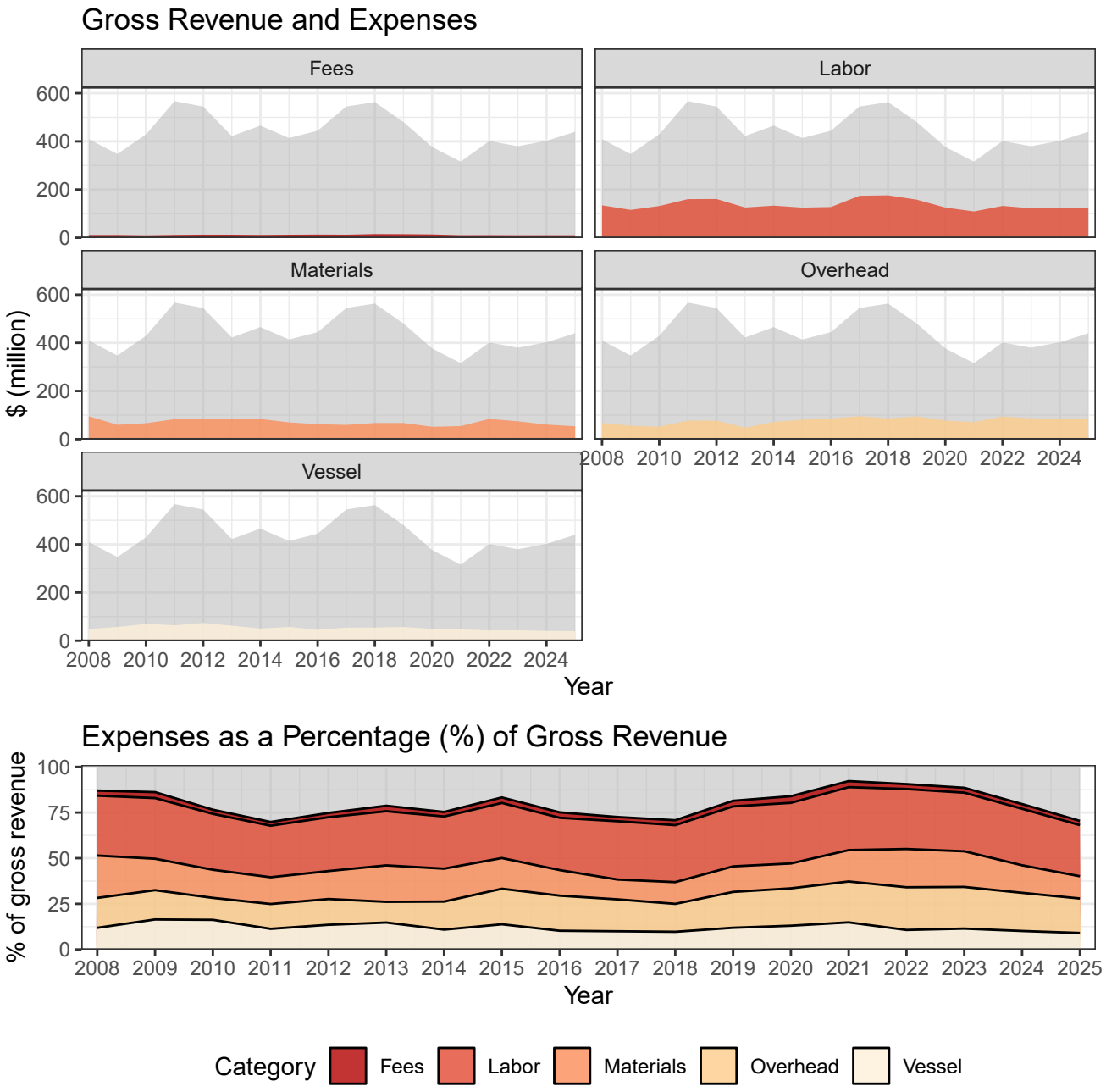


Figure 6.10: Amendment 80 sector gross revenue and operating costs.

Note Tabular values for fleet aggregate statistics shown in the above figure, as well as vessel median values, are reported in Table 6.11.

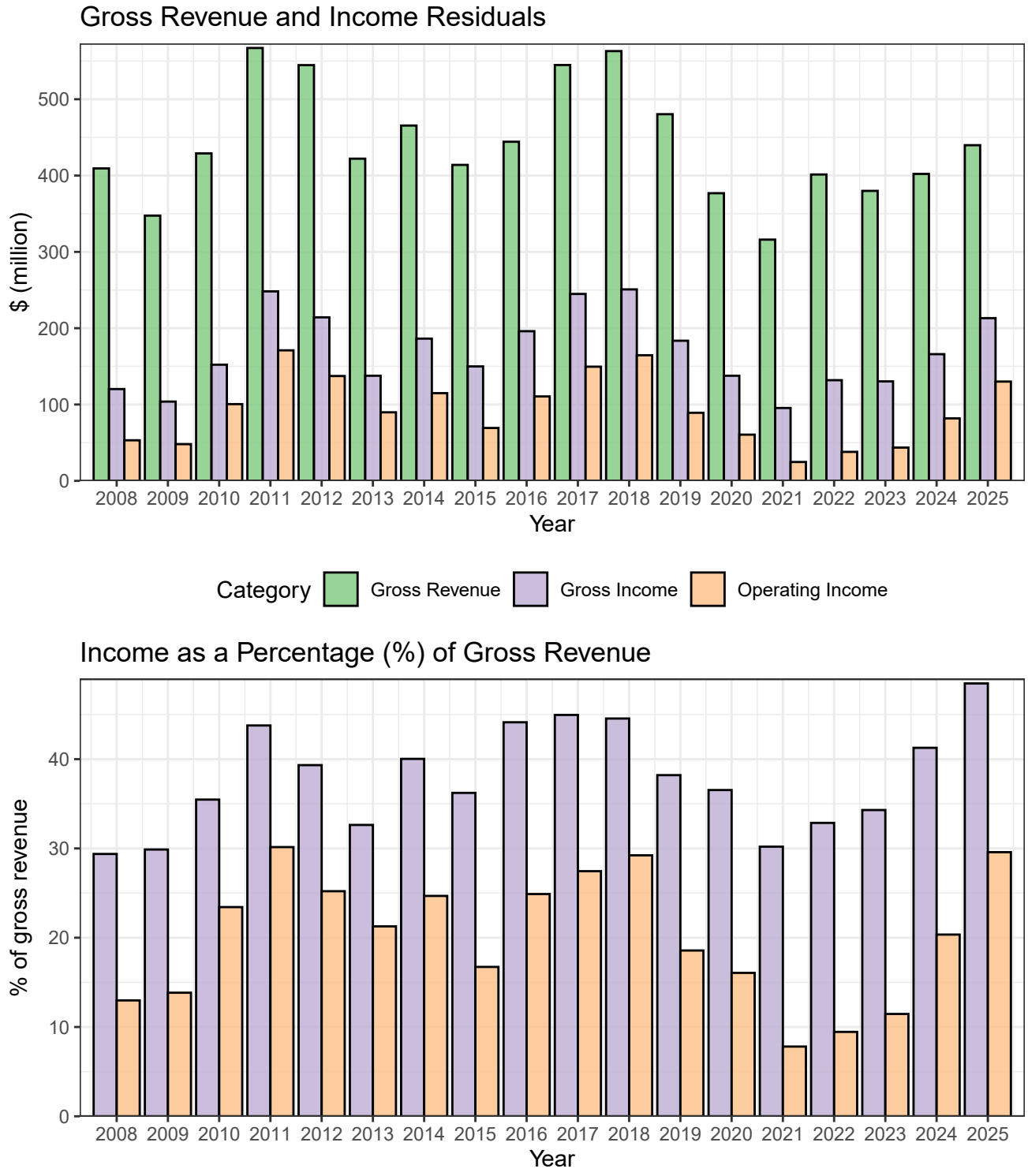


Figure 6.11: Amendment 80 sector gross revenue and net operating income residuals.

Note Tabular values for fleet aggregate statistics shown in the above figure, as well as vessel median values, are reported in Table 6.11.

6.4.4 Capital investment

Table 6.12 reports aggregate sector-level and median vessel-level annual expenditures for new investment and improvements in fishing gear (e.g., net electronics and hydraulic equipment), processing plant and equipment, vessel and other on-board equipment (e.g., hull improvements, propulsion), and other capital expenditures associated with operations of the vessel. Data reported exclude any expenditures for onshore equipment or facilities, and reflect the full initial purchase cost (including sales tax) for capitalized assets and improvements purchased during the year. Expensed payments for principal and debt servicing on financed assets previously purchased are not included. Also, the EDR only captures capital investment costs for vessels once they have entered the sector and become subject to EDR reporting requirements, such that investment in new vessels occurring over a period of years prior to entering the sector is not captured in EDR data. Capital purchase costs reported by vessel owners typically reflect moderate expenditures associated with routine capital maintenance and improvement (e.g., during 3-year overhauls), but in many cases includes expenditures of a larger scale associated with major vessel refitting, new vessel construction, or ownership restructuring (i.e., investments associated with substantially longer amortization and depreciation schedules than more routine expenditures). EDR data collection does not explicitly distinguish between routine versus ''major'' capital expenditures, such that the distributions of values within a given capital asset category reported in EDRs, and in many cases in summarized values shown in Table 6.12, tend to be highly asymmetric (i.e., ''lumpy''). As a result, fleet aggregate and vessel-median statistics reflect high variability over differences in scale and direction of year-on-year variation between metrics and/or asset categories, and statistics are suppressed in Table 6.12 to avoid potential disclosure of confidential information where the annual value reported for an individual vessel represents a disproportionately large fraction of the associated fleet-wide summary value. [12]

Combined capital expenditures in total for the fleet have varied between $12 million and $25 million prior to 2017 (where non- confidential values can be reported). As of the 2021-2023, capital investment expenditure had increased substantially, largely driven by large expenditures across capital categories associated with entry of new vessels to the sector between 2017 and 2021 as well as extensive and ongoing capital improvement investment by new owners of Amendment 80 vessels formerly owned and operated by Fishing Company of Alaska, reaching a high of $37 million in aggregate during 2022, and $1.3 million at the median vessel level. Capital expenditures remained at a similar level through 2023, and declined somewhat in 2024 ($24 million) and 2025 ($27 million), relatively high compared to the pre-2017 period.

6.4.5 Employment

Figure 6.12 displays fleet-level aggregate total values for employment and labor earnings, by labor category, in terms of the number of positions on-board vessels at a given time (positions on-board), total number of individuals employed during all or part of the year (number of employees), aggregate

[12]Note that median statistics for individual expenditure categories are calculated over vessels reporting non-zero values in the respective category, and for combined (total annual) capital expenditures, are calculated over all vessels reporting non-zero values for one or more capital expenditure category in a given year; i.e., the distribution of combined cost observations is more asymmetric (right-skewed) than for individual capital categories. In contrast to fleet-level statistics, which represent the active fleet in a given year as a whole, median statistics reported for individual expenditure categories in a given year represent distinct sets of reporting vessels rather than a consistent, representative "median vessel''. See table footnotes for Table 6.12 for additional detail.

labor income, and average gross wages per employee (noting that the latter is calculated for each respective labor category as fleet total labor income divided by number of persons employed; as such, the value of this metric reflects variation in employment turnover at the vessel level (which includes the transfer of individual crew or processing employees between vessels within the same company) and is therefore not equivalent to a pay per FTE metric). These are a limited set of the available metrics on employment and labor earnings in the Amendment 80 sector, noting that a more comprehensive analysis could encompass additional metrics, including daily wage rates by labor category, FTE-equivalent annual earnings estimates, and the share of gross production revenue accruing to labor earnings by segment.

Total fishing crew positions across the fleet during 2025 reached a historical low of 79 (compared to an average of 109 over the period prior to 2023), and 164 distinct crew members employed during the year. Aggregate gross wages, and average annual gross wages per deck crew member, reached a historical low in 2021 at $13.5 million and $71 thousand, respectively. Crew earnings improved in the subsequent years, totaling $20.5 million in 2022, and $17.8 million in 2025 (with five fewer active vessels), and average annual wages per crew member increasing to $108 thousand. Processing employment similarly reached a low during 2021, with processing positions in aggregate across the fleet at 442, and the number of distinct persons employed declining to 1,288. Given the incremental decline in active vessels over subsequent years, the number of processing positions across the fleet has remained relatively constant, increasing somewhat over 2022 to 2024 relative to 2021, before declining to a time-series low of 430 in 2025, with 14 active vessels. The number of distinct persons employed in processing has followed the same trend from 2021-2024, and declining to a time-series low of 1,200 in 2025. Total gross wages paid to processing employees declined to $36.5 million in 2021, and $28.3 thousand per distinct processing employee (or approximately $83,000 per processing position), both setting record lows for the period. As of 2025, total wages reached $52.9 million, and $44 thousand per processing employee. For other vessel crew, including officers, engineers, and others involved in onboard management and record-keeping, the number of positions in total across the fleet increased to 190 in 2021, the highest level to-date likely reflecting the more complex staffing requirements for the larger class of vessels recently entering the sector, although the trend relative to processing employees may reflect a change in reporting among some vessels related to classification of senior personnel in the processing operation with other vessel officers rather than processing employees. In 2025, total senior positions increased to 179 from 150 in 2024, and from 399 to 438 distinct employees. Fleet-aggregate gross wages increased slightly to $40.2 million in 2025, while average earnings per employee declined from $100 thousand to $91.9 thousand.

Figure 6.13 displays the spatial distribution of Amendment 80 crew employment and wages by community of crew residence for the years 2015 to 2025 (tabular data are reported in Table 6.14, noting that these results are inclusive of licensed crew members (i.e., fishing (deck) crew, and vessel officers and other on-board crew members), not including processing employees.[13] Over the 2015 to 2025 period, the Seattle Metropolitan Statistical Area (MSA) has consistently been the predominant location of residence for Amendment 80 vessel crew members.[14] During 2025, 305 of the total 436 licensed crew members (70%) identified in EDR reporting were residents of the Seattle MSA. The

[13]Crew member community of residence is derived from reporting of commercial crew license and CFEC gear operator permit numbers reported for all non-processing crew members by each vessel in the Amendment 80 EDR beginning in 2015, using residence information captured in ADF&G's crew license registry database. While a small number of processing employees are secondarily employed as deck crew, and are thus included in the counts of licensed crew members, Amendment 80 fleet processing employee residence is not systematically captured in available data sources.

[14]The Seattle-Tacoma-Bellevue MSA is defined by Office of Management and Budget as the geographic area

estimated income contribution to the Seattle MSA area from direct gross wages paid to vessel crew members during 2025 is $40.6 million, and $43.3 million to the state of Washington overall, which accounted for 325 (75%) of all crew members for the year. Alaska residents have accounted for between 3% and 8% of Amendment 80 crew employment through 2024, declining to a low of 7 individuals in 2025 (2% of total crew employed), accounting for an estimated $930 thousand in direct crew income paid to residents of Alaska for 2025. The community of Unalaska/Dutch Harbor is the only Alaska locality that has accounted for a minimum of 1% of total crew employment in any year for which data are available, with a maximum of 28 residents reported in 2015 representing 5% of the total 571 crew members identified that year, and accounting for $2.86 million in estimated wage income paid to residents of the community during 2015; 3 residents of that community were employed in the fleet during 2025, with estimated combined gross wage earnings of $400 thousand flowing to the Unalaska/Dutch Harbor community (noting that this income estimate is highly derived and does not approach a confidential disclosure of individual income).

Table 6.11: Amendment 80 Fleet Operating Costs and Income, Fleet Total and Vessel Median

			Fleet Total		Vessel Median	
	Year	Vessels	$ million	Percent of Fleet Gross Revenue	$1,000	Percent of Vessel Gross Revenue
	2008	22	$ 409.35	100 %	$ 18240.39	100 %
	2009	21	$ 347.5	100 %	$ 15519.84	100 %
	2010	20	$ 429.03	100 %	$ 19689.79	100 %
	2011	20	$ 567.16	100 %	$ 27677.98	100 %
	2012	20	$ 544.7	100 %	$ 26106.38	100 %
	2013	18	$ 422.12	100 %	$ 21394.37	100 %
	2014	18	$ 465.51	100 %	$ 24049.39	100 %
	2015	18	$ 413.95	100 %	$ 21040.38	100 %
	2016	19	$ 444.29	100 %	$ 21730.05	100 %
	2017	19	$ 544.84	100 %	$ 25735.95	100 %
	2018	19	$ 563.07	100 %	$ 30304.69	100 %
	2019	20	$ 480.41	100 %	$ 21542.4	100 %
	2020	19	$ 376.9	100 %	$ 22055.88	100 %
	2021	19	$ 316.07	100 %	$ 18560.36	100 %
	2022	18	$ 401.4	100 %	$ 22279.37	100 %
	2023	17	$ 379.93	100 %	$ 20922.33	100 %
Gross	2024	16	$ 402.16	100 %	$ 24331.07	100 %
Revenue	2025	14	$ 439.78	100 %	$ 31445.56	100 %

comprised of King, Pierce, and Snohomish counties of Washington state; [https://www.whitehouse.gov/wp-content/uploads/2018/09/Bulletin-18-04.pdf]

Table 6.11: Amendment 80 Fleet Operating Costs and Income, Fleet Total and Vessel Median *(continued)*

			Fleet Total		Vessel Median	
	Year	Vessels	$ million	Percent of Fleet Gross Revenue	$1,000	Percent of Vessel Gross Revenue
	2008	22	$ 134.36	32.82 %	$ 5686.15	32.2 %
	2009	21	$ 115.45	33.22 %	$ 5073.23	36.62 %
	2010	20	$ 131.38	30.62 %	$ 5949.39	34.56 %
	2011	20	$ 160.1	28.23 %	$ 8188.68	33.31 %
	2012	20	$ 160.67	29.5 %	$ 8065.44	33.08 %
	2013	18	$ 125.31	29.68 %	$ 6257.7	30.72 %
	2014	18	$ 133.06	28.58 %	$ 6641.77	29.87 %
	2015	18	$ 124.89	30.17 %	$ 6267.48	33.02 %
	2016	19	$ 127.3	28.65 %	$ 6098.24	34.61 %
	2017	19	$ 173.95	31.93 %	$ 9527.94	35.67 %
	2018	19	$ 175.75	31.21 %	$ 9540.72	33.61 %
	2019	20	$ 157.84	32.85 %	$ 7716.77	33.65 %
	2020	19	$ 125.15	33.21 %	$ 6601.9	34.6 %
	2021	19	$ 108.93	34.46 %	$ 6054.91	33.36 %
	2022	18	$ 131.85	32.85 %	$ 7265.82	32.37 %
	2023	17	$ 121.95	32.1 %	$ 6448.22	31.92 %
Labor -	2024	16	$ 124.49	30.95 %	$ 7501.17	29.31 %
Total Costs	2025	14	$ 123.19	28.01 %	$ 8909.19	27.64 %
	2008	22	$ 154.71	37.79 %	$ 6841.02	37.02 %
	2009	21	$ 128.21	36.9 %	$ 6150.13	38.44 %
	2010	20	$ 145.47	33.91 %	$ 6929.88	34.15 %
	2011	20	$ 158.79	28 %	$ 8048.05	28.42 %
	2012	20	$ 169.8	31.17 %	$ 8354.47	29.66 %
	2013	18	$ 159.09	37.69 %	$ 8349.5	38.26 %
	2014	18	$ 146.08	31.38 %	$ 7278.39	30.75 %
	2015	18	$ 139.14	33.61 %	$ 6782.57	31.72 %
	2016	19	$ 120.91	27.21 %	$ 4906.53	27.4 %
	2017	19	$ 126.01	23.13 %	$ 6450.37	22.27 %
	2018	19	$ 136.49	24.24 %	$ 7192.93	24.21 %
	2019	20	$ 139	28.93 %	$ 6552.22	29.51 %
	2020	19	$ 114.02	30.25 %	$ 5609.14	32.27 %
	2021	19	$ 111.7	35.34 %	$ 5175.73	36.49 %
Operating	2022	18	$ 137.67	34.3 %	$ 7349.49	34.24 %
(Non-labor)	2023	17	$ 127.65	33.6 %	$ 7299.79	34.34 %
- Total	2024	16	$ 111.69	27.77 %	$ 7057.14	29.36 %
Costs	2025	14	$ 103.4	23.51 %	$ 6915.05	23.73 %

Table 6.11: Amendment 80 Fleet Operating Costs and Income, Fleet Total and Vessel Median *(continued)*

			Fleet Total		Vessel Median	
	Year	Vessels	$ million	Percent of Fleet Gross Revenue	$1,000	Percent of Vessel Gross Revenue
	2008	22	$ 120.28	29.38 %	$ 5543.46	31.48 %
	2009	21	$ 103.83	29.88 %	$ 3950.99	24.48 %
	2010	20	$ 152.17	35.47 %	$ 6621.24	31.99 %
	2011	20	$ 248.26	43.77 %	$ 11150.62	42.72 %
	2012	20	$ 214.23	39.33 %	$ 10962.22	38.92 %
	2013	18	$ 137.72	32.63 %	$ 6437.24	31.34 %
	2014	18	$ 186.36	40.03 %	$ 9105.39	37.67 %
	2015	18	$ 149.92	36.22 %	$ 6765.06	35.38 %
	2016	19	$ 196.08	44.13 %	$ 8453.67	43.57 %
	2017	19	$ 244.89	44.95 %	$ 11049.35	42.15 %
	2018	19	$ 250.83	44.55 %	$ 12549.67	41.99 %
	2019	20	$ 183.58	38.21 %	$ 8394.42	38.04 %
	2020	19	$ 137.72	36.54 %	$ 6817.46	32.48 %
	2021	19	$ 95.44	30.2 %	$ 4994.81	24.74 %
	2022	18	$ 131.89	32.86 %	$ 6946.32	30.74 %
	2023	17	$ 130.32	34.3 %	$ 7093.78	32.62 %
Gross	2024	16	$ 165.99	41.27 %	$ 9152.84	41.32 %
Income	2025	14	$ 213.19	48.48 %	$ 15674	46.67 %
	2008	22	$ 67.14	16.4 %	$ 2577.76	14 %
	2009	21	$ 55.76	16.05 %	$ 1470.56	15.22 %
	2010	20	$ 51.64	12.04 %	$ 1307.64	8.7 %
	2011	20	$ 77.26	13.62 %	$ 1594.84	5.91 %
	2012	20	$ 76.9	14.12 %	$ 1950.64	7.8 %
	2013	18	$ 47.94	11.36 %	$ 1659.88	8.52 %
	2014	18	$ 71.48	15.36 %	$ 2962.66	11.35 %
	2015	18	$ 80.65	19.48 %	$ 3937.3	21.34 %
	2016	19	$ 85.48	19.24 %	$ 4291.68	20.24 %
	2017	19	$ 95.33	17.5 %	$ 5324.68	20.22 %
	2018	19	$ 86.27	15.32 %	$ 5110.39	17.42 %
	2019	20	$ 94.38	19.65 %	$ 4956.45	21.85 %
	2020	19	$ 77.19	20.48 %	$ 4405.67	26.56 %
	2021	19	$ 70.76	22.39 %	$ 4227.1	22.4 %
	2022	18	$ 93.94	23.4 %	$ 4920.42	24.39 %
	2023	17	$ 86.76	22.84 %	$ 4692.13	22.33 %
Overhead -	2024	16	$ 84.13	20.92 %	$ 5030.26	22.83 %
Total Costs	2025	14	$ 83.11	18.9 %	$ 6100.65	19.72 %

Table 6.11: Amendment 80 Fleet Operating Costs and Income, Fleet Total and Vessel Median *(continued)*

			Fleet Total		Vessel Median	
	Year	Vessels	$ million	Percent of Fleet Gross Revenue	$1,000	Percent of Vessel Gross Revenue
	2008	22	$ 53.14	12.98 %	$ 1855.68	12.72 %
	2009	21	$ 48.08	13.84 %	$ 1995.27	17.04 %
	2010	20	$ 100.53	23.43 %	$ 4902.65	23.91 %
	2011	20	$ 171	30.15 %	$ 8029.75	29.02 %
	2012	20	$ 137.34	25.21 %	$ 5140.54	20.18 %
	2013	18	$ 89.79	21.27 %	$ 4076.73	23.08 %
	2014	18	$ 114.88	24.68 %	$ 4645.84	24.07 %
	2015	18	$ 69.27	16.73 %	$ 2659.14	13.25 %
	2016	19	$ 110.6	24.89 %	$ 4096.18	23.21 %
	2017	19	$ 149.56	27.45 %	$ 4479.69	20.82 %
	2018	19	$ 164.57	29.23 %	$ 6359.95	26.62 %
	2019	20	$ 89.19	18.57 %	$ 4416.08	18.75 %
	2020	19	$ 60.53	16.06 %	$ 1740.25	10.91 %
	2021	19	$ 24.68	7.81 %	$ 847.15	8.75 %
	2022	18	$ 37.95	9.45 %	$ 1767.06	8.38 %
	2023	17	$ 43.56	11.46 %	$ 1170.04	11.84 %
Operating	2024	16	$ 81.85	20.35 %	$ 3984.66	16.42 %
Income	2025	14	$ 130.08	29.58 %	$ 8137.55	28.91 %

Note: All dollar values are inflation-adjusted to 2025-equivalent value; ''*'' indicates value is suppressed for confidentiality. Median and fleet aggregate operating expenses and income values shown above are approximations based on available data; annual expense reporting in Amendment 80 Economic Data Reports is relatively comprehensive, but does not include depreciation and debt payments (principal or interest) on capital assets, and other financial and cash-flow accounting items relevant to some or all vessels. Gross revenue values are inclusive of all reported fishery product sales, tendering and other for-hire vessel services, quota royalties and other permit/license leasing and sales realized during the year. Gross Income is calculated as Gross Revenue less expenses for labor, vessel and equipment, materials, and fees; Operating Income is calculated as Gross Income less Overhead Expenses. Note that royalties paid and received for Amendment 80 QS and PSC allocations represent transfer payments between fishery participants and have net-zero value at the fleet-level in Gross Income, but may be of non-zero net value at the median vessel-level. Fleet-level residual percentages are calculated using fleet aggregate values and represent the weighted average (mean) for vessels within the fleet. Median values for income residuals and percentages are calculated over non-zero observations in individual vessel data for each item; users should use caution in interpreting median statistics as characterizing a consistent representative ''median vessel'' across accounting categories and/or years.
Source: Amendment 80 Economic Data Reports.

Table 6.12: Amendment 80 Fleet Capital Expenditures by Category and Year, Fleet Total and Median Vessel Values

		Vessels	Expenditure per vessel, median ($1,000)	Percent of Vessel Total Capital Expenditures, median	Total fleet expenditure ($million)	Percent of Fleet Total Capital Expenditures
	2008	12	$ 137	40 %	$ 2.28	20 %
	2009	8	*	*	*	*
	2010	8	*	*	*	*
	2011	9	*	*	*	*
	2012	10	$ 376	41 %	$ 3.97	16 %
	2013	9	*	*	*	*
	2014	9	*	*	*	*
	2015	11	$ 285	24 %	$ 2.84	18 %
	2016	13	$ 196	35 %	$ 3.87	24 %
	2017	13	*	*	*	*
	2018	18	$ 196	21 %	$ 5.40	12 %
	2019	18	$ 173	19 %	$ 5.47	14 %
	2020	15	$ 127	24 %	$ 3.56	9 %
	2021	15	$ 206	36 %	$ 3.44	10 %
	2022	12	*	*	*	*
	2023	13	$ 133	15 %	$ 3.15	9 %
Fishing	2024	13	$ 198	17 %	$ 2.02	9 %
gear	2025	12	$ 179	17 %	$ 2.64	10 %
	2008	11	*	*	*	*
	2009	9	*	*	*	*
	2010	13	$ 217	28 %	$ 4.12	28 %
	2011	10	*	*	*	*
	2012	14	*	*	*	*
	2013	9	*	*	*	*
	2014	8	*	*	*	*
	2015	10	$ 178	18 %	$ 2.29	14 %
	2016	8	*	*	*	*
	2017	11	*	*	*	*
	2018	15	*	*	*	*
	2019	19	*	*	*	*
	2020	14	*	*	*	*
	2021	10	*	*	*	*
Processing	2022	12	*	*	*	*
plant	2023	8	*	*	*	*
and	2024	11	$ 211	10 %	$ 2.18	9 %
equipment	2025	9	*	*	*	*

Table 6.12: Amendment 80 Fleet Capital Expenditures by Category and Year, Fleet Total and Median Vessel Values *(continued)*

		Vessels	Expenditure per vessel, median ($1,000)	Percent of Vessel Total Capital Expenditures, median	Total fleet expenditure ($million)	Percent of Fleet Total Capital Expenditures
Vessel and other onboard equipment	2008	11	$ 74	33 %	$ 2.60	22 %
	2009	13	$ 574	75 %	$ 9	74 %
	2010	15	$ 154	57 %	$ 7.58	52 %
	2011	11	$ 175	32 %	$ 4.24	36 %
	2012	18	*	*	*	*
	2013	11	*	*	*	*
	2014	13	$ 528	73 %	$ 8.92	47 %
	2015	12	*	*	*	*
	2016	10	*	*	*	*
	2017	11	*	*	*	*
	2018	17	*	*	*	*
	2019	20	$ 279	33 %	$ 12.40	31 %
	2020	13	*	*	*	*
	2021	14	*	*	*	*
	2022	13	$ 604	50 %	$ 13.83	37 %
	2023	11	$ 551	50 %	$ 10.52	30 %
	2024	12	$ 456	47 %	$ 8.54	36 %
	2025	9	*	*	*	*
Other capital expenditures	2008	9	*	*	*	*
	2009	5	*	*	*	*
	2010	4	*	*	*	*
	2011	8	*	*	*	*
	2012	7	*	*	*	*
	2013	8	$ 151	44 %	$ 1.15	5 %
	2014	10	*	*	*	*
	2015	10	*	*	*	*
	2016	6	*	*	*	*
	2017	9	*	*	*	*
	2018	11	*	*	*	*
	2019	14	*	*	*	*
	2020	14	*	*	*	*
	2021	10	*	*	*	*
	2022	9	*	*	*	*
	2023	12	*	*	*	*
	2024	13	*	*	*	*
	2025	10	*	*	*	*

Table 6.12: Amendment 80 Fleet Capital Expenditures by Category and Year, Fleet Total and Median Vessel Values *(continued)*

		Vessels	Expenditure per vessel, median ($1,000)	Percent of Vessel Total Capital Expenditures, median	Total fleet expenditure ($million)	Percent of Fleet Total Capital Expenditures
	2008	17	$ 525	100 %	$ 11.63	100 %
	2009	16	$ 467	100 %	$ 12.12	100 %
	2010	18	$ 496	100 %	$ 14.59	100 %
	2011	15	$ 425	100 %	$ 11.92	100 %
	2012	19	$ 396	100 %	$ 24.68	100 %
	2013	16	*	*	*	*
	2014	18	$ 548	100 %	$ 18.97	100 %
	2015	16	$ 597	100 %	$ 16.09	100 %
	2016	18	$ 404	100 %	$ 16.27	100 %
	2017	19	*	*	*	*
	2018	19	*	*	*	*
	2019	20	*	*	*	*
	2020	18	*	*	*	*
	2021	18	$ 555	100 %	$ 35	100 %
Total	2022	18	$ 1,254	100 %	$ 37.10	100 %
Annual	2023	17	$ 1,015	100 %	$ 35.58	100 %
Capital	2024	16	$ 1,018	100 %	$ 23.71	100 %
Expenditures	2025	14	$ 1,504	100 %	$ 27.19	100 %

Note: All dollar values are inflation-adjusted to 2025-equivalent value. Vessel median dollar values are shown in $1,000 and Fleet total values are shown in $millions. ''*'' indicates value is suppressed for confidentiality. 'Percentage of Fleet-Total Capital Expenditures' index values represent the weighted average (mean) for vessels within the fleet. Median statistics reported in the above table should not be interpreted as directly comparable across respective expenditure categories and/or years in terms of characterizing a consistent representative ''median vessel''. Median values are calculated over non-zero observations in individual vessel data for each capital expense category, noting that the set of vessels reporting non-zero values typically differs across expenditure categories during a given year, and therefore a) median values reported for respective categories are representative of distinct sets of vessels, and b) median percent of total capital expenditure is not additive across categories in a given year.
Source: Amendment 80 Economic Data Reports.

Table 6.13: Amendment 80 Fleet Employment and Average Gross Wages, by Labor Category, Fleet Total and Median Vessel Values

			Positions on board		Number of employees during the year		Labor Income	
	Year	Vessels	Median	Total	Median	Total	Fleet total	Average per employee
	2008	22	6	134	10	340	$ 21,743,239	$ 63,951
	2009	21	6	120	12	273	$ 17,494,198	$ 64,081
	2010	20	6	114	11	269	$ 19,015,844	$ 70,691
	2011	20	6	111	9	234	$ 23,840,307	$ 101,882
	2012	19	6	106	10	240	$ 22,798,846	$ 94,995
	2013	18	6	105	8	214	$ 17,771,003	$ 83,042
	2014	18	6	106	11	239	$ 19,264,662	$ 80,605
	2015	18	6	107	10	231	$ 18,220,574	$ 78,877
	2016	19	6	108	13	262	$ 18,195,168	$ 69,447
	2017	19	6	103	11	202	$ 22,546,371	$ 111,616
	2018	19	6	99	8	178	$ 22,514,144	$ 126,484
	2019	20	6	104	10	211	$ 19,267,361	$ 91,315
	2020	19	6	104	10	172	$ 14,937,088	$ 86,844
	2021	19	6	98	11	190	$ 13,485,786	$ 70,978
	2022	18	6	111	13	260	$ 20,537,915	$ 78,992
Fishing	2023	17	6	89	11	188	$ 18,156,086	$ 96,575
(Deck)	2024	16	6	83	10	169	$ 17,957,272	$ 106,256
Crew	2025	14	6	79	12	164	$ 17,792,577	$ 108,491
	2008	22	6	156	18	418	$ 38,551,050	$ 92,227
	2009	21	6	136	16	371	$ 34,277,032	$ 92,391
	2010	20	7	145	18	374	$ 40,577,947	$ 108,497
	2011	20	7	150	18	356	$ 51,052,032	$ 143,405
	2012	19	7	164	20	424	$ 52,127,815	$ 122,943
	2013	18	7	160	19	383	$ 39,260,804	$ 102,509
	2014	18	7	140	18	347	$ 41,371,436	$ 119,226
	2015	18	7	141	18	338	$ 40,165,517	$ 118,833
	2016	19	7	157	18	417	$ 40,705,660	$ 97,615
	2017	19	7	160	20	446	$ 57,630,970	$ 129,217
	2018	19	7	165	19	372	$ 61,567,541	$ 165,504
	2019	20	8	174	21	426	$ 56,562,679	$ 132,776
	2020	19	8	173	20	409	$ 45,022,574	$ 110,080
	2021	19	8	190	18	419	$ 42,778,890	$ 102,098
	2022	18	8	160	19	395	$ 44,227,264	$ 111,968
Other	2023	17	9	161	21	424	$ 43,264,551	$ 102,039
Vessel	2024	16	8	150	22	399	$ 39,889,644	$ 99,974
Crew	2025	14	9	179	25	438	$ 40,238,220	$ 91,868

Table 6.13: Amendment 80 Fleet Employment and Average Gross Wages, by Labor Category, Fleet Total and Median Vessel Values *(continued)*

			Positions on board		Number of employees during the year		Labor Income	
	Year	Vessels	Median	Total	Median	Total	Fleet total	Average per employee
	2008	22	22	529	56	1,465	$ 59,358,580	$ 40,518
	2009	21	23	516	56	1,341	$ 51,720,504	$ 38,569
	2010	20	23	476	60	1,414	$ 59,279,483	$ 41,923
	2011	20	23	473	60	1,234	$ 72,614,732	$ 58,845
	2012	19	23	444	52	1,286	$ 72,458,807	$ 56,344
	2013	18	23	437	59	1,183	$ 54,304,372	$ 45,904
	2014	18	24	449	75	1,300	$ 58,644,070	$ 45,111
	2015	18	24	449	62	1,160	$ 52,743,476	$ 45,469
	2016	19	25	477	65	1,357	$ 54,831,455	$ 40,406
	2017	19	24	504	76	1,533	$ 77,455,470	$ 50,525
	2018	19	25	526	74	1,595	$ 74,512,829	$ 46,717
	2019	20	26	557	75	1,590	$ 64,533,888	$ 40,587
	2020	19	28	497	76	1,578	$ 49,254,945	$ 31,214
	2021	19	24	442	70	1,288	$ 36,512,964	$ 28,349
	2022	18	26	448	86	1,609	$ 51,718,796	$ 32,143
	2023	17	27	468	94	1,536	$ 47,571,049	$ 30,971
Processing	2024	16	28	448	90	1,352	$ 52,553,450	$ 38,871
Employees	2025	14	31	430	74	1,200	$ 52,850,520	$ 44,042

Note: Average positions on-board reflects the number of individuals employed on-board at one time (i.e., the complement of crew employed to operate the vessel), by employment category; number of employees during the year counts each unique person employed over the course of the year. The higher numbers reported for the latter reflects turnover in employment when compared to the average number of positions on-board. Average annual gross wages per employee reflects the aggregate annual labor costs reported for active vessels by labor category, divided by the number of employees during the year, including any payroll taxes paid, and not accounting for the value of any non-wage benefits received.
Source: Amendment 80 Economic Data Reports.



Figure 6.12: Amendment 80 Fleet Employment and Average Gross Wages, by Labor Category, Fleet Total and Median Vessel Values.

Note Tabular data shown in Table 6.13.

Table 6.14: Amendment 80 Catcher/Processor Fleet - Estimated Crew Employment and Income, by Community of Residence

	Community	Year	Employee Count	Employee Share	Income $million
		2015	28	5 %	$ 2.86
		2016	23	4 %	$ 2.20
		2017	11	2 %	$ 1.33
		2018	6	1 %	$ 0.91
		2019	11	2 %	$ 1.39
		2020	4	1 %	$ 0.43
		2021	4	1 %	$ 0.42
		2022	5	1 %	$ 0.64
		2023	6	1 %	$ 0.71
	Unalaska/Dutch	2024	4	1 %	$ 0.46
	Harbor	2025	3	1 %	$ 0.40
		2015	14	2 %	$ 1.43
		2016	24	4 %	$ 2.30
		2017	27	4 %	$ 3.26
		2018	17	3 %	$ 2.59
		2019	17	3 %	$ 2.14
		2020	16	3 %	$ 1.74
		2021	9	2 %	$ 0.95
		2022	13	3 %	$ 1.67
		2023	15	3 %	$ 1.78
	Other	2024	9	2 %	$ 1.04
	Alaska	2025	4	1 %	$ 0.53
		2015	42	7 %	$ 4.29
		2016	47	8 %	$ 4.49
		2017	38	6 %	$ 4.59
		2018	23	4 %	$ 3.50
		2019	28	5 %	$ 3.53
		2020	20	4 %	$ 2.17
		2021	13	2 %	$ 1.37
		2022	18	4 %	$ 2.31
		2023	21	4 %	$ 2.49
	Alaska	2024	13	3 %	$ 1.51
Alaska	Total	2025	7	2 %	$ 0.93
		2015	21	4 %	$ 2.15
		2016	14	2 %	$ 1.34
		2017	12	2 %	$ 1.45
		2018	7	1 %	$ 1.07
		2019	10	2 %	$ 1.26
		2020	10	2 %	$ 1.09
		2021	6	1 %	$ 0.63
		2022	6	1 %	$ 0.77
		2023	12	2 %	$ 1.43
	Oregon	2024	9	2 %	$ 1.04
Oregon	Total	2025	6	1 %	$ 0.80

Table 6.14: Amendment 80 Catcher/Processor Fleet - Estimated Crew Employment and Income, by Community of Residence *(continued)*

	Community	Year	Employee Count	Employee Share	Income $million
		2015	296	52 %	$ 30.27
		2016	349	57 %	$ 33.38
		2017	428	64 %	$ 51.68
		2018	371	67 %	$ 56.51
		2019	395	66 %	$ 49.76
		2020	346	63 %	$ 37.58
		2021	386	72 %	$ 40.75
		2022	327	65 %	$ 42.02
		2023	321	62 %	$ 38.14
	Seattle	2024	329	66 %	$ 38.14
	MSA	2025	305	70 %	$ 40.59
		2015	80	14 %	$ 8.18
		2016	66	11 %	$ 6.31
		2017	60	9 %	$ 7.25
		2018	49	9 %	$ 7.46
		2019	52	9 %	$ 6.55
		2020	62	11 %	$ 6.73
		2021	32	6 %	$ 3.38
		2022	43	9 %	$ 5.53
		2023	39	8 %	$ 4.63
	Other	2024	36	7 %	$ 4.17
	Wash.	2025	20	5 %	$ 2.66
		2015	377	66 %	$ 38.55
		2016	415	67 %	$ 39.69
		2017	489	74 %	$ 59.05
		2018	420	76 %	$ 63.97
		2019	447	74 %	$ 56.31
		2020	408	74 %	$ 44.32
		2021	419	79 %	$ 44.23
		2022	370	73 %	$ 47.55
		2023	360	70 %	$ 42.77
	Wash.	2024	369	74 %	$ 42.78
	Total	2025	325	75 %	$ 43.26
		2015	1	0 %	$ 0.10
		2016	-	0 %	$ 0
		2017	1	0 %	$ 0.12
		2018	-	0 %	$ 0
		2019	-	0 %	$ 0
		2020	-	0 %	$ 0
		2021	1	0 %	$ 0.11
Washington		2024	4	1 %	$ 0.46

Table 6.14: Amendment 80 Catcher/Processor Fleet - Estimated Crew Employment and Income, by Community of Residence *(continued)*

Community	Year	Employee Count	Employee Share	Income $million
	2015	126	22 %	$ 12.88
	2016	124	20 %	$ 11.86
	2017	103	16 %	$ 12.44
	2018	91	16 %	$ 13.86
	2019	104	17 %	$ 13.10
	2020	98	18 %	$ 10.65
	2021	84	16 %	$ 8.87
	2022	103	20 %	$ 13.24
	2023	110	21 %	$ 13.07
	2024	99	20 %	$ 11.48
Other	2025	93	21 %	$ 12.38
	2015	5	1 %	$ 0.51
	2016	16	3 %	$ 1.53
	2017	22	3 %	$ 2.66
	2018	11	2 %	$ 1.68
	2019	13	2 %	$ 1.64
	2020	16	3 %	$ 1.74
	2021	11	2 %	$ 1.16
	2022	7	1 %	$ 0.90
	2023	14	3 %	$ 1.66
	2024	9	2 %	$ 1.04
Unknown	2025	5	1 %	$ 0.67
	2015	571	100 %	$ 58.39
	2016	616	100 %	$ 58.91
	2017	664	100 %	$ 80.18
	2018	552	100 %	$ 84.08
	2019	602	100 %	$ 75.83
	2020	552	100 %	$ 59.96
	2021	533	100 %	$ 56.27
	2022	504	100 %	$ 64.77
	2023	517	100 %	$ 61.42
All	2024	499	100 %	$ 57.85
Locations	2025	436	100 %	$ 58.03

Note: 'Employee count' reports the number of individual vessel crew members identified as resident of the listed community or location. 'Employee share' reports the proportion of the total vessel employment pool associated by residence with the listed community or location. Statistics are reported for individual communities or community groupings within states (incorporated cities, counties or boroughs, or metropolitan statistical areas (MSAs)) only for communities that represented 3% or greater of the total employment pool in at least one year of reporting; employment and income statistics for residence locations below that threshold are aggregated together as 'Other (state)'. Note that no Alaska city or borough other than Unalaska/Dutch Harbor (Aleutians West Census Area) represented at least 3% of total vessel employment in any year of reporting. 'Other' references residence locations other than the states of Alaska, Oregon and Washington, and 'Unknown' references crew identifier entries where a valid crew license permit number could not be identified from information reported in the EDR. 'Income' (reported in $million, inflation-adjusted to 2025-equivalent value) is the estimated amount of vessel labor income, by community/location of residence, that is distributed to vessel crew members in aggregate; the estimate is derived by multiplying aggregate direct labor payments to non-processing vessel crew (reported by year in Amendment 80 EDR data; includes total fleet cost values reported for 'Labor Payment, Fishing Crew' and 'Labor Payment - Other Employees' in Table 6.9 by the 'Employ share' percentage value for the respective community/location. This does not control for differentials in proportional residence associations among different crew labor types (i.e., deck crew, captain, fish master, etc.) and respective pay rates.
Source: Amendment 80 Economic Data Reports, ADFG commercial crew license database, and CFEC gear operator permit database; source data and compilation are provided by the Alaska Fisheries Information Network (AKFIN).

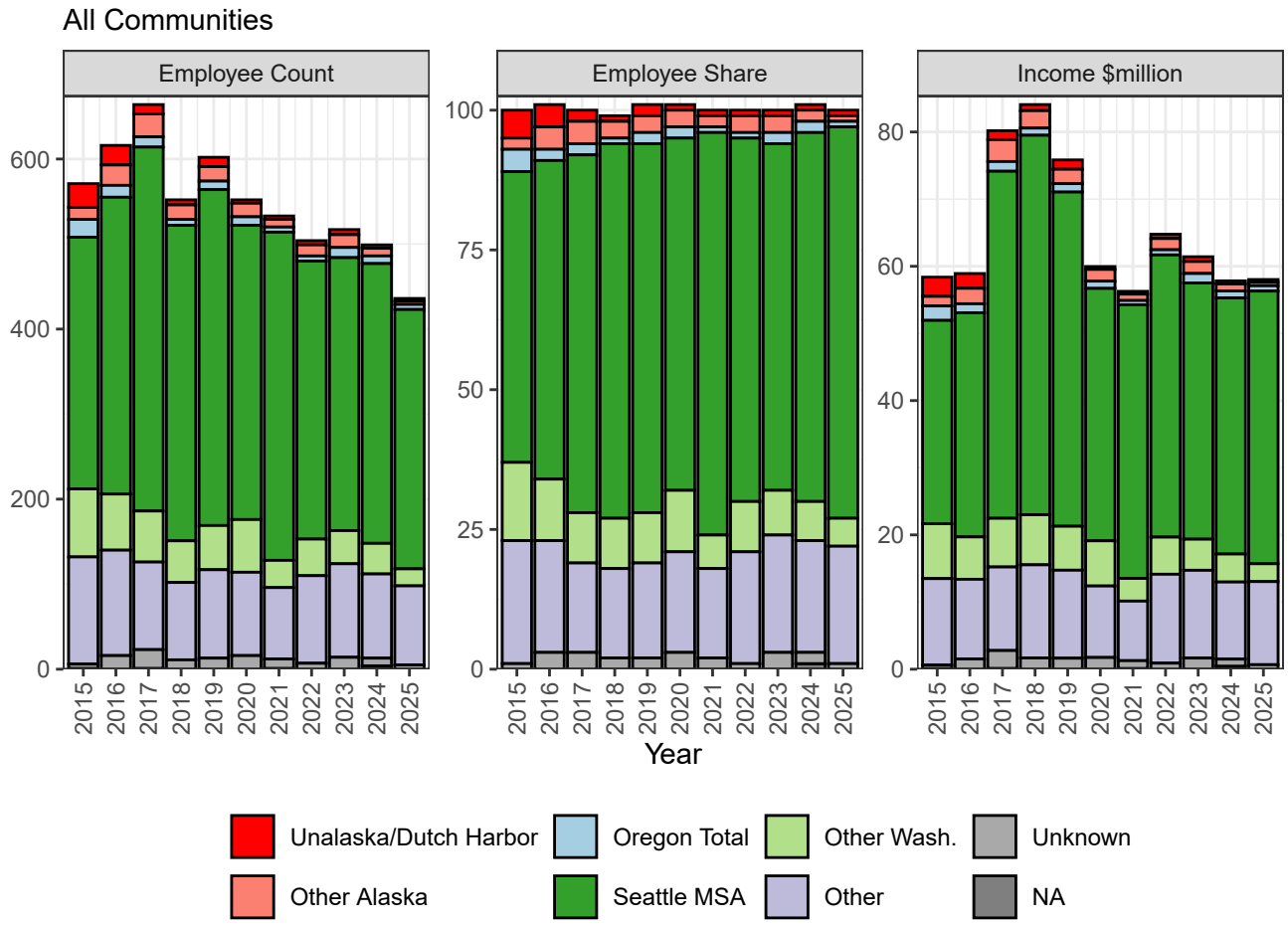


Figure 6.13: Amendment 80 Catcher/Processor Fleet - Estimated Crew Employment and Income, by Community of Residence.

Note Tabular data shown in Table 6.14.

6.5 Citations

Alaska Fisheries Science Center (AFSC). 2024. Alaska Seafood Snapshot (Pre-Publication Version). National Marine Fisheries Service, Alaska Fisheries Science Center. August 24, 2024. [https://www.fisheries.noaa.gov/s3/2024-10/ak-seafood-industry-snapshot-10-31-2024-afsc.pdf] Accessed 10/13/2026.

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