

Queen Charlotte Sound Groundfish Bottom Trawl Survey, July 5th to August 9th, 2004

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JULY 5TH TO AUGUST 9TH, 2004

by

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ABSTRACT

Olsen, N., Workman, G.D., and Stanley, R.D. 2007. Queen Charlotte Sound groundfish bottom trawl survey July 5th to August 9th, 2004. *Can. Manuscr. Rep. Fish. Aquat. Sci.* 2783: vi + 60 p.

A bottom trawl survey of Queen Charlotte Sound and southern Hecate Strait was conducted on the fishing vessel F/V Viking Storm between July 5th and August 9th, 2004. The survey was jointly conducted and funded by the Canadian Groundfish Research and Conservation Society (CGRCS) and Fisheries and Oceans Canada (DFO), and was the second in what is intended to be a long-term and coordinated set of surveys that cover the continental and upper slope of the continental shelf of most of the British Columbia coast. The objective of these surveys is to provide fishery independent abundance indices of all demersal fish species available to bottom trawling, as well as to collect biological samples of selected species.

The survey conducted 240 successful tows from a total of 277. The mean catch per tow was 486 kg, averaging about 20 different species of fish and invertebrates each. The most abundant fish species encountered was Pacific ocean perch followed by spiny dogfish, arrowtooth flounder, and Pacific hake. Biological data, including individual length, weight, sex, maturity, and age were collected from 67 different species of fish. Oceanographic data and net geometry were also recorded for most tows, including water temperature, depth, headrope height, doorspread, and current velocity through the net.

RÉSUMÉ

Olsen, N., Workman, G.D., and Stanley, R.D. 2007. Queen Charlotte Sound groundfish bottom trawl survey July 5th to August 9th, 2004. Can. Manuscr. Rep. Fish. Aquat. Sci. 2783: vi + 60 p.

La Canadian Groundfish Research and Conservation Society (CGRCS) et Pêches et Océans Canada (MPO) ont financé et procédé conjointement à la réalisation d'un relevé au chalut de fond dans le bassin Reine-Charlotte et le sud du détroit d'Hécate du 5 juillet au 9 août 2004. Mené par le navire de pêche F/V *Viking Storm*, ce relevé est le deuxième d'une série prévue de relevés coordonnés à long terme du plateau continental et de la partie supérieure du talus de la majeure partie de la côte de la Colombie-Britannique. L'objectif de ces relevés est l'établissement d'indices d'abondance, indépendants de la pêche, de toutes les espèces de poissons démersaux capturables au chalut de fond et la collecte de données biologiques sur certaines espèces.

Des 277 traits de chalut, 240 ont été fructueux. Les prises moyennes par trait se chiffraient à 486 kg. Quelques 20 espèces différentes de poissons et d'invertébrés ont été prises en moyenne à chaque trait. Le sébaste à longue mâchoire était l'espèce la plus abondante; venaient ensuite l'aiguillat commun, la plie à grande bouche et le merlu du Pacifique. Des données biologiques (longueur, poids, sexe, stade de maturité et âge) ont été recueillies pour 67 espèces de poisson. Des données océanographiques (température de l'eau et profondeur) et des données sur la géométrie du chalut (hauteur de la ralingue supérieure, écartement des panneaux et vitesse du courant à travers le chalut) ont également été collectées pour la plupart des traits.

INTRODUCTION

In 2003 a report by the Pacific Scientific Advice Review Committee (PSARC) recommended development of fishery independent relative abundance indices using bottom trawl surveys in British Columbia waters (Sinclair et al., 2003). As an initial step, it recommended that a pilot survey be conducted in PMFC major areas 5A and 5B (Queen Charlotte Sound, Figure 1). This region was recommended in part because it is not covered by other bottom trawl surveys and it represents a significant portion of the commercial bottom trawl fishery.

In February 2003, the Canadian Groundfish Research and Conservation Society (CGRCS) committed to funding the principal portion of the required vessel and net costs, and a significant portion of the scientific staff needed to conduct the survey and analyze the results. The Science Branch of Fisheries and Oceans, Canada (DFO) committed to funding additional scientific and sampling staff, and to provide the scientific sampling equipment.

The first groundfish bottom trawl survey of Queen Charlotte Sound was conducted from July 3rd to August 10th, 2003 (Olsen et al., 2007) and the second survey took place in 2004, between July 5th and August 9th. This document provides a brief synopsis of the second survey, including the methods used and data collected. It is not intended as a comprehensive review of the survey, nor does it provide interpretive analysis of the survey results. These topics will be covered in more detailed companion documents.

METHODS

VESSEL AND FISHING GEAR

The survey was conducted aboard the commercial stern trawler F/V Viking Storm (Figure 2). The trawl net used was an Atlantic Western IIA box trawl (Table 1) connected to 815 kg Thyboron 104 doors with 11 m door legs.

STAFF SUMMARY

A total of 18 personnel were involved in the survey, which was split into 4 sections or “legs”, each of about 9 days in duration with 10 staff in each. The Canadian Groundfish Conservation and Research Society (CGCRS) funded employees of Leader Fishing Ltd. and Archipelago Marine Research Ltd. (AMR). All other staff were funded by Fisheries and Oceans Canada (DFO) (Table 2).

SURVEY DESIGN

The study area consists of all of Queen Charlotte Sound and the southern part of Hecate Strait, excluding near-shore waters and inlets, areas closed to fishing, and protected sponge reef areas (Figure 3). The southern portion of Hecate Strait was included in order to provide coverage contiguous with the Hecate Strait groundfish bottom trawl survey. We split the study area into two spatial strata, creating northern and southern regions that split along Mitchell and Reed Troughs. In addition to these areal strata we divided the study area into four depth strata, creating a total of eight strata (Table 3).

We divided the survey area into a contiguous grid of 4 km² blocks and from these blocks we randomly selected 240 primary fishing locations (Figure 4). Allocation of locations across strata was modified from the scheme used in 2003; in 2004 we selected more locations in the shallowest strata. We felt that this would reduce observation error for the many shallow-living species while having a minimal impact on observation error for the deeper water species.

In 2003 we selected an additional 80 locations to be used as secondary locations in the event that we were not able to fish a primary location. However, this method resulted in unacceptably long travel times between locations near the end of the survey. Thus, in 2004 we developed alternate methodologies (discussed below) for selecting secondary locations.

OPERATIONS

Fishing

Fishing commenced at sunrise and ended at sunset each day. This yielded an average working day length of 15.5 hours, starting at approximately six o'clock in the morning and ending at about nine thirty in the evening.

On each day prior to fishing, the captain and chief scientist reviewed the list of primary fishing locations to determine a candidate set of locations to visit throughout the

day. During this review process the captain would sometimes determine, based on his experience and knowledge of an area, that one or more locations were not fishable. In such cases we would mark the locations as “rejected based on prior knowledge” and replace them with secondary locations.

In 2003 we had pre-selected 80 secondary locations to be used throughout the survey. However, by the end of that survey, as the number of secondary locations became low, we were inevitably faced with a situations in which all available secondary locations were unacceptably far away from the rejected primary and thus, we were forced to adopt an ad-hoc approach to selecting secondary locations. To avoid this situation in 2004, we developed a set of algorithms for selecting secondary blocks as they were required throughout the survey. The principle method involved replacing the primary location with a randomly selected location within the same stratum and within a given radius of the rejected location (3 km, by default). An alternate method allowed us to randomly select a location from a defined group of locations.

We frequently began fishing immediately on arrival at a fishing location. However, if the captain was not familiar with an area we would “sound” the region (traverse the location and examine the depth sounder trace) to determine if it was suitable for trawling. If it was not, we marked the location and “rejected based on inspection” and selected a secondary location.

When trawling, the captain would attempt to tow through the center of the 4 km² fishing block, usually following a depth contour. However, where the bottom topography made this difficult or impossible, the captain would trawl wherever he felt he could obtain a successful result, with the stipulation that at least half of the total trawl track had to be within the 4 km² block (Figure 5). The scope used in 2004 is shown in Figure 6 and Table 4.

To determine the start of each 20 minute tow, we monitored the real-time net sensor data to establish when the net reached the sea floor and the headrope collapsed to a height of about three to four meters, at which point we considered the net to be actively fishing. Nineteen minutes after the start of the tow, we retrieved the net. Retrieval was done one minute early because slack in the warps creates a lag of about one minute before the net leaves the bottom. Although our target on-bottom time was 20 minutes, we accepted tows that were at least 15 minutes in length. This was a pragmatic decision that allowed us to retain many tows that would otherwise have been failures due to hang-ups or early haul-backs.

The result of trawling was either a successful tow, or a hang-up or tear-up of the trawl net. In the event of a hang-up or tear-up, we would either mark the location as “Rejected after one or more attempts to fish” or make additional attempts to fish. Thus, we kept records of the three scenarios that resulted in a location being removed from the sampling frame:

- Rejection based on prior knowledge
- Rejection based on on-ground inspection
- Rejection based on one or more failed fishing attempts

This was an improvement over 2003 when we only kept track of locations that were “rejected” (either by prior knowledge or by on-ground inspection) or “aborted” after a fishing attempt.

Rejected locations were removed from the sampling frame for the current survey but were not removed indefinitely from possible selection in future surveys. Instead, we opted for a “three strikes” rule, which stipulates that a location must be rejected on three separate surveys before we permanently remove it as a candidate fishing location. This was done in part to avoid a “captain effect” that might arise from variations in local knowledge and skill.

Gear and Oceanographic Sensors

The trawl net was equipped with a variety of real-time sensors including temperature, depth, doorspread, current velocity, and headrope height. These sensors transmitted data to a bridge computer once per second and allowed us to continually monitor the net during fishing. In addition to these real-time sensors, we also attached data-logging probes to collect water temperature and pressure/depth (Seabird 39) and contact of the trawl net with the sea floor (NMFS Bottom Contact Sensor). Data from these logging probes were downloaded twice per day, once at midday and once at the end of the day.

Catch Processing

Codend contents were dumped into a raised rectangular sorting bin approximately three meters long by two meters wide. Any catch that did not fit into the sorting bin was dumped into a spillway aft of the bin. We completely sorted and weighed the catch to species, except in rare instances when the catch was too large to be sorted in a reasonable amount of time. In these cases we obtained the captain’s estimate of total weight, then sorted and weighed all but the dominant species, which was then obtained by subtraction.

Biological Sampling

While the primary purpose of this survey was to generate fishery independent indices of relative abundance, our second goal was to collect associated biological information on the size, sex, and age composition of selected species. In particular, our biological sampling priorities were to collect length and sex frequencies on all species in the catch of each tow (subject to a minimum number of specimens criteria), to collect representative samples of specimen length and weight, and to collect age samples for select species.

We selected age samples from the dominant (by weight) catch in each tow, as well as certain species deemed high priority due to concerns over stock status (for example, Bocaccio, lingcod, and Pacific cod). Otoliths (calcareous accretions of the inner ear) were collected from rockfish and flatfish species while fin clips were taken

from lingcod and Pacific cod. Both of these structures grow in a series of annular rings that can be counted to determine age.

RESULTS

FISHING

We divided the survey into four sections or “legs” of eight to ten days. This duration was short enough that we were able to retain a significant amount of the catch, which was sold at the end of each leg, and also allowed us to rotate the science crews to minimize fatigue. The overall pattern of each leg covered a longitudinal segment of Queen Charlotte Sound, starting in the east and moving progressively west with each leg. We imposed this pattern in order to minimize yearly bias resulting from changes in area/times fished (for example, fishing the western side of the sound first in one year vs. the eastern side the next). Our choice of an east to west direction was to avoid unintentionally tracking a fish stock, as some species are known to migrate from deeper to shallower water from July to August (Figure 7).

From a total of 35 survey days, 3.5 days were required for travel at the start and end of the survey, four days were required for offloading catch and changing crews, and 1.5 days were lost due to equipment failure. Thus, we ended with a total of 26 full fishing days in which time we conducted 277 tows, of which 240 were successful and 37 were unsuccessful due to hang-ups or tear-ups, for an average of 9.2 successful tows per fishing day, or 6.9 successful tows per survey day (Table 5).

The final status of the 2004 sampling frame includes 240 successfully fished locations, 11 locations rejected prior to fishing, based on the captain’s knowledge, 64 locations rejected based on on-ground inspection, and 20 locations rejected after one or more failed fishing attempts (Figure 8).

CATCH

Catch weight per tow was typically less than 1000 kg and on average, we observed about 15 to 25 species per tow (Figure 9 and Figure 10). We caught a total of 120,667 kg of fish and invertebrates. Most of this (118,892 kg) consisted of 128 different taxonomic groups of fish, including 31 rockfish taxa and 13 flatfish taxa. The remainder (1,775 kg) consisted of 122 invertebrate groups (Table 6). Of the fish species, Pacific ocean perch was the most dominant by weight, followed by spiny dogfish, arrowtooth flounder, and Pacific hake (Table 7). Significant amounts of the commercially viable fish catch, especially Pacific ocean perch, were offloaded with the proceeds helping to offset the costs of the survey (Table 8).

SAMPLES AND SPECIMENS

We sampled 67 species of fish for attributes such as length, weight, sex, maturity, and age (Table 9, Table 10, and Table 11).

GEAR AND OCEANOGRAPHIC SENSORS

We collected Seabird 39 data (water temperature and pressure/depth) from 237 of the 277 total tows (Table 12, Figure 11). Tows were missed for a variety of reasons including dead or detached batteries and operator error. Although we have not yet analyzed these data in detail, they may prove useful for explaining, or at least correlate to, short term anomalies in abundance trends. In addition, they provide a base reference for detecting future climate change.

We collected bottom contact data from the NMFS Bottom Contact Sensor for 268 of the 277 tows (Table 12). These data provide a record of the trawl net contact with the sea floor and thus are useful not only for determining the quality and quantity of the sea floor contact, but also indicate the relative rugosity of the sea floor. We used these data to determine the exact times that the trawl net first and last contacted the sea floor, thus providing an accurate measure of total bottom contact time (Figure 12).

Net sensor data, including doorspread, current velocity, and headrope height were collected from most tows but were unavailable from several tows due to equipment failure (Table 12, Figure 13).

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- Olsen, N., Workman, G. D., and Stanley, R. D. 2007. Queen Charlotte Sound Groundfish Bottom Trawl Survey July 3rd to August 10th, 2003. Can. Manusc. Rep. Fish. Aquat. Sci. 2782: 58 p.
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Table 1. Net specifications.

| Part | Standard | | Metric | | |
|------------------|------------|---|------------|-------|-------------------------------------|
| | Length | Material | Length | Units | Material |
| Rigging | | | | | |
| Sweep Line | 90 | 7/8 cable | 27.4 | m | 22 mm cable |
| Upper bridle | 90 | 3/4 cable | 27.4 | m | 19 mm cable |
| Lower bridle | 90 | 7/8 cable | 27.4 | m | 22 mm cable |
| Door Legs | 36 | 7/8 cable | 11 | m | 22 mm cable |
| Pickups | 42 | 7/8 cable | 12.8 | m | 22 mm cable |
| Hook ups | 8.8 t | BMMDV80 | 8 mt | mt | BMMDV80 |
| Net frame | | | | | |
| Headline | 74.5 | 5/8 cable | 22.7 | m | 16 mm cable |
| Headline floats | 90 | 8" plastic Spheres | | | 200 mm plastic spheres |
| Riblines | | 1" Polysteel rope | | | 25 mm polysteel rope |
| Bolsch Line | 68.33 | 9/8" poly steel rope | 20.8 | m | 29 mm polysteel rope |
| Fishing Line | 107.33 | 14 mm long link chain | 32.7 | m | 14 mm long link chain |
| Foot Rope | | | | | |
| Foot Rope | 107.33 | 5/8 Chain | 32.7 | m | 16 mm chain |
| Foot rope bosom | 14 | 16 in Tire gear with 2 in Spacing | 4.3 | m | 400 mm tire gear with 50 mm spacing |
| Root rope wing1 | 18.33 | 18" rock hopper, 18 " disks spaced 18 " apart | 5.6 | m | 450 mm rock hopper 450 mm spacing |
| Root rope wing2 | 8.83 | 18" rock hopper, 18 " disks spaced 18 " apart | 2.7 | m | 450 mm rock hopper 450 mm spacing |
| Web | | | | | |
| Belly | 5" | 3.5 mm Euroline | 127 | mm | 3.5 mm Euroline |
| Square | 5" | 3.5 mm Euroline | 127 | mm | 3.5 mm Euroline |
| Side Panel | 5" | 3.5 mm Euroline | 127 | mm | 3.5 mm Euroline |
| Taper | 4.5" | 3.5 mm Euroline | 114 | mm | 3.5 mm Euroline |
| Intermediate | 4.5" | 3.5 mm Euroline | 114 | mm | 3.5 mm Euroline |
| Codend | 4.5" | 3.5 mm Euroline | 114 | mm | 3.5 mm Euroline |
| Guard Mesh | 4.5 or 5 " | Double 4.5 mm Euroline | 114 or 127 | mm | Double 4.5 mm Euroline |
| Liner | 3/4" | Notless Nylon | 19 | mm | Notless Nylon |

Table 2. Survey personnel for each leg of the survey.

| Leg | Dates | Person | Role | Affiliation |
|------------|-----------------------------|--------------------|-----------------|--------------------|
| 1 | July 5th to July 13th | Scott McLean | Captain | Leader Fishing |
| | | Greg Workman | Chief Scientist | DFO |
| | | Ed Choromanski | Science | DFO |
| | | Norm Olsen | Science | DFO |
| | | Lara Kardash | Science | AMR |
| | | Jason Knowles | Science | AMR |
| | | Russell Farrington | Fishing | Leader Fishing |
| | | Mark Lafluer | Engineer | Leader Fishing |
| | | Flo Salm | Fishing | Leader Fishing |
| | | George Sim | Fishing | Leader Fishing |
| 2 | July 14th to July 22nd | Chris Roberts | Captain | Leader Fishing |
| | | Rick Stanley | Chief Scientist | DFO |
| | | Brian Krishka | Science | DFO |
| | | Lara Kardash | Science | AMR |
| | | Jason Knowles | Science | AMR |
| | | Matthew McKay | Science | AMR |
| | | Russell Farrington | Fishing | Leader Fishing |
| | | Mark Lafluer | Engineer | Leader Fishing |
| | | Flo Salm | Fishing | Leader Fishing |
| | | George Sim | Fishing | Leader Fishing |
| 3 | July 23rd to August 1st | Chris Roberts | Captain | Leader Fishing |
| | | Norm Olsen | Chief Scientist | DFO |
| | | Mike Hamilton | Science | SFU |
| | | Lara Kardash | Science | AMR |
| | | Jason Knowles | Science | AMR |
| | | Matthew McKay | Science | AMR |
| | | Russell Farrington | Fishing | Leader Fishing |
| | | Mark Lafluer | Engineer | Leader Fishing |
| | | Paul Purston | Fishing | Leader Fishing |
| | | George Sim | Fishing | Leader Fishing |
| 4 | August 2nd to August 9th | Chris Roberts | Captain | Leader Fishing |
| | | Rick Stanley | Chief Scientist | DFO |
| | | Ed Choromanski | Science | DFO |
| | | Lara Kardash | Science | AMR |
| | | Jason Knowles | Science | AMR |
| | | Matthew McKay | Science | AMR |
| | | Russell Farrington | Fishing | Leader Fishing |
| | | Mark Lafluer | Engineer | Leader Fishing |
| | | Paul Purston | Fishing | Leader Fishing |
| | | George Sim | Fishing | Leader Fishing |

Notes: AMR = Archipelago Marine Research
DFO = Fisheries and Oceans Canada
SFU = Simon Fraser University

Table 3. Definition of survey strata with the target tow allocation and the total area in each.

| Areal Stratum | Depth Stratum | | Target Tow Allocation | Usable Tows | Area (km ²) |
|--------------------|---------------|-----------|-----------------------|-------------|-------------------------|
| | Meters | Fathoms | | | |
| South | 50 - 125 | 27 - 68 | 47 | 46 | 5,334 |
| | 125 - 200 | 68 - 109 | 49 | 49 | 5,873 |
| | 200 - 330 | 109 - 164 | 27 | 31 | 3,134 |
| | 330 - 500 | 164 - 273 | 8 | 8 | 625 |
| <i>South Total</i> | | | <i>131</i> | <i>134</i> | <i>14,966</i> |
| North | 50 - 125 | 27 - 68 | 21 | 20 | 2,279 |
| | 125 - 200 | 68 - 109 | 38 | 39 | 4,926 |
| | 200 - 330 | 109 - 164 | 43 | 40 | 4,688 |
| | 330 - 500 | 164 - 273 | 7 | 7 | 1,343 |
| <i>North Total</i> | | | <i>109</i> | <i>106</i> | <i>13,236</i> |
| Grand Total | | | 240 | 240 | 28,202 |

Table 4. Mean warp length and scope by depth interval.

| Depth (m) | Mean Warp (m) | Mean Warp (fa) | Mean Scope | Mean Depth (fa) |
|-----------|---------------|----------------|------------|-----------------|
| 50 - 100 | 292 | 160 | 3.8 | 42 |
| 100 - 150 | 385 | 211 | 3.1 | 68 |
| 150 - 200 | 473 | 259 | 2.8 | 94 |
| 200 - 250 | 614 | 336 | 2.7 | 122 |
| 250 - 300 | 712 | 389 | 2.6 | 150 |
| 300 - 350 | 811 | 443 | 2.5 | 176 |
| 350 - 400 | 1006 | 550 | 2.6 | 210 |
| 400 - 450 | 936 | 512 | 2.2 | 233 |
| 450 - 500 | 988 | 540 | 2.1 | 262 |

Table 5. Summary of survey operations.

| | |
|------------------------------------|------------|
| Start: Depart PBS | July 5 |
| End: Offload PBS | August 9 |
| Fishing days | 26 |
| Travel (begin and end) | 3.5 |
| Offload days | 4 |
| Weather days | 0 |
| Breakdown | 1.5 |
| Total days | 35 |
| Total tows | 277 |
| Keeper tows | 240 |
| Unusable tows | 37 |
| Inspected un-fished blocks | 53 |
| Tows per day overall | 6.9 |
| Usable tows per fishing day | 9.2 |
| Mean catch per keeper tow | 486 |
| Mean species per keeper tow | 20 |

Table 6. Catch broken down by species groups.

| Species Category | Number of Taxa | Weight (Kg) |
|-------------------------|-----------------------|--------------------|
| <i>All Fish</i> | 128 | 118,892 |
| Rockfish | 31 | 54,958 |
| Flatfish | 13 | 29,945 |
| Roundfish | 9 | 13,454 |
| Cartilaginous fish | 9 | 19,935 |
| Other fish | 66 | 600 |
| Invertebrates | 122 | 1,775 |

Table 7. All captured species showing number of tows in which the species occurred, total catch weight, maximum and mean per-tow catch weight, and relative abundance and relative error from bootstrapped area expanded estimates.

| Species | Number of Tows | Catch Weight (kg) | | | Relative | |
|-----------------------|----------------|-------------------|---------|-------|-----------|------|
| | | Total | Maximum | Mean | Abundance | RE |
| Pacific ocean perch | 154 | 24379.9 | 3961.5 | 164.7 | 15.837 | 0.20 |
| Spiny dogfish | 104 | 16661.2 | 12465.4 | 160.2 | 11.003 | 0.72 |
| Arrowtooth flounder | 222 | 15799.7 | 1511.2 | 72.1 | 10.365 | 0.18 |
| Pacific hake | 128 | 7561.1 | 2207.8 | 59.5 | 5.137 | 0.32 |
| Silvergray rockfish | 115 | 5339.7 | 724.1 | 46.8 | 3.832 | 0.19 |
| Yellowmouth rockfish | 57 | 5298.4 | 1685.9 | 100.0 | 3.441 | 0.46 |
| Dover sole | 170 | 3491.8 | 154.5 | 20.9 | 2.257 | 0.12 |
| Rex sole | 182 | 3086.0 | 170.5 | 17.2 | 2.052 | 0.12 |
| Redstripe rockfish | 64 | 2790.8 | 584.5 | 45.8 | 2.108 | 0.32 |
| Yellowtail rockfish | 41 | 2749.8 | 879.2 | 67.1 | 1.875 | 0.38 |
| Splitnose rockfish | 33 | 2701.8 | 744.5 | 84.4 | 1.716 | 0.47 |
| Sharpchin rockfish | 75 | 2670.5 | 1970.7 | 39.9 | 1.785 | 0.78 |
| Sablefish | 115 | 2197.1 | 375.9 | 19.1 | 1.558 | 0.23 |
| Spotted ratfish | 175 | 2163.3 | 523.5 | 12.8 | 1.441 | 0.24 |
| Pacific cod | 131 | 2136.8 | 413.3 | 16.8 | 1.489 | 0.26 |
| Shortspine thornyhead | 96 | 1869.5 | 152.0 | 19.5 | 1.149 | 0.11 |
| Canary rockfish | 39 | 1779.9 | 568.0 | 45.6 | 1.205 | 0.37 |
| Southern rock sole | 62 | 1718.7 | 509.2 | 27.7 | 1.152 | 0.37 |
| Rougheye rockfish | 67 | 1537.5 | 353.8 | 23.7 | 0.770 | 0.23 |
| English sole | 92 | 1483.1 | 166.9 | 17.0 | 1.032 | 0.21 |
| Pacific halibut | 79 | 1302.9 | 78.9 | 16.7 | 0.847 | 0.16 |
| Flathead sole | 61 | 1277.1 | 526.1 | 21.6 | 0.865 | 0.47 |
| Pacific sanddab | 51 | 1164.2 | 209.8 | 23.3 | 0.777 | 0.30 |
| Lingcod | 88 | 960.7 | 96.5 | 10.9 | 0.698 | 0.20 |
| Redbanded rockfish | 110 | 888.2 | 126.9 | 8.1 | 0.543 | 0.18 |
| Longnose skate | 81 | 748.7 | 48.2 | 9.2 | 0.482 | 0.14 |
| Jellyfish | 186 | 671.6 | 32.5 | 4.1 | - | - |
| Walleye pollock | 118 | 510.6 | 53.9 | 5.2 | 0.338 | 0.19 |
| Widow rockfish | 16 | 495.2 | 232.2 | 45.0 | 0.332 | 0.59 |
| Petrale sole | 78 | 482.2 | 67.7 | 6.3 | 0.344 | 0.21 |
| Yelloweye rockfish | 39 | 443.4 | 135.5 | 11.4 | 0.344 | 0.47 |
| Bocaccio | 15 | 418.6 | 321.2 | 27.9 | 0.261 | 0.71 |
| Big skate | 20 | 310.3 | 51.0 | 16.3 | 0.196 | 0.29 |
| Greenstriped rockfish | 68 | 303.5 | 37.5 | 4.5 | 0.207 | 0.19 |
| Shortraker rockfish | 12 | 276.7 | 67.0 | 23.1 | 0.171 | 0.34 |
| Quillback rockfish | 22 | 274.0 | 114.7 | 12.5 | 0.200 | 0.51 |
| Harlequin rockfish | 4 | 242.0 | 241.0 | 60.5 | 0.281 | 0.99 |
| Darkblotched rockfish | 23 | 236.4 | 67.7 | 10.7 | 0.160 | 0.39 |
| Robust clubhook squid | 52 | 232.0 | 28.1 | 4.5 | - | - |
| Eulachon | 31 | 190.6 | 121.6 | 7.3 | 0.133 | 0.67 |
| Blackbelly eelpout | 49 | 190.3 | 57.7 | 5.1 | 0.124 | 0.37 |
| Gorgonian corals | 13 | 147.2 | 50.1 | 16.4 | - | - |
| Rosethorn rockfish | 40 | 130.6 | 40.5 | 3.3 | 0.093 | 0.32 |
| Sponges | 64 | 123.1 | 27.2 | 2.7 | - | - |
| Slender sole | 102 | 114.5 | 11.8 | 1.3 | 0.073 | 0.16 |
| Pink shrimp | 30 | 81.3 | 38.3 | 3.5 | - | - |
| Bath sponges | 14 | 79.8 | 40.0 | 5.7 | - | - |
| Anemone | 51 | 73.5 | 22.5 | 3.5 | - | - |
| Fragile urchin | 103 | 71.0 | 5.0 | 1.0 | - | - |
| Chum salmon | 12 | 56.2 | 20.9 | 5.1 | 0.030 | 0.41 |
| Longspine thornyhead | 9 | 44.9 | 22.6 | 5.6 | 0.029 | 0.48 |
| Glass sponges | 10 | 43.1 | 15.9 | 6.2 | - | - |
| Salp | 87 | 37.4 | 15.4 | 3.1 | - | - |
| Pacific herring | 32 | 35.9 | 6.1 | 1.6 | 0.020 | 0.32 |
| Wolf eel | 6 | 35.6 | 11.3 | 5.9 | 0.015 | 0.53 |
| Shortbelly rockfish | 9 | 34.3 | 30.0 | 5.7 | 0.029 | 0.90 |
| Pacific sand lance | 43 | 32.5 | 18.7 | 3.0 | 0.023 | 0.66 |
| Giant squid | 2 | 31.3 | 19.7 | 15.6 | - | - |
| Aleutian skate | 4 | 25.8 | 7.4 | 6.5 | 0.019 | 0.51 |
| Curfin sole | 24 | 25.0 | 4.6 | 1.0 | 0.016 | 0.29 |
| Pacific tomcod | 10 | 24.0 | 19.5 | 4.8 | 0.018 | 0.80 |
| Kelp greenling | 6 | 23.7 | 13.8 | 4.0 | 0.018 | 0.71 |
| Pink shrimp (smooth) | 56 | 23.4 | 6.1 | 1.5 | - | - |
| Sidestripe shrimp | 56 | 21.7 | 2.7 | 0.7 | - | - |

Table 7. Continued

| Species | Number of Tows | Catch Weight (kg) | | | Relative | |
|--------------------------------------|----------------|-------------------|---------|------|-----------|------|
| | | Total | Maximum | Mean | Abundance | RE |
| Sandpaper skate | 15 | 21.1 | 6.4 | 1.4 | 0.014 | 0.40 |
| Bryozoa | 5 | 21.1 | 14.0 | 4.2 | - | - |
| Blackfin sculpin | 30 | 18.3 | 6.8 | 0.8 | 0.012 | 0.47 |
| Octopus | 6 | 16.0 | 9.8 | 3.2 | - | - |
| Stripetail rockfish | 4 | 15.4 | 12.5 | 5.1 | 0.011 | 0.99 |
| Black eelpout | 33 | 15.3 | 9.0 | 1.1 | 0.008 | 0.62 |
| Pygmy rockfish | 23 | 15.2 | 2.9 | 0.9 | 0.010 | 0.37 |
| Prawn | 43 | 15.1 | 2.7 | 0.5 | - | - |
| Sea cucumber | 40 | 14.4 | 3.0 | 0.8 | - | - |
| Bigmouth sculpin | 4 | 14.2 | 6.3 | 3.5 | 0.013 | 0.60 |
| Aurora rockfish | 8 | 12.1 | 3.5 | 1.5 | 0.005 | 0.34 |
| Threadfin sculpin | 19 | 10.2 | 2.2 | 0.7 | 0.006 | 0.32 |
| Metridium | 4 | 10.1 | 3.4 | 2.5 | - | - |
| Bigfin eelpout | 14 | 7.3 | 1.1 | 0.6 | 0.005 | 0.27 |
| Basket stars | 33 | 7.3 | 2.5 | 0.7 | - | - |
| Sunflower starfish | 2 | 6.1 | 4.5 | 3.1 | - | - |
| Pink scallop | 18 | 5.9 | 2.5 | 1.5 | - | - |
| Chinook salmon | 1 | 5.8 | 5.8 | 5.8 | 0.004 | 1.00 |
| Spinyhead sculpin | 1 | 4.8 | 4.8 | 4.8 | 0.003 | 0.96 |
| Jack mackerel | 2 | 4.7 | 4.0 | 2.4 | 0.001 | 1.02 |
| Whitespotted greenling | 4 | 4.5 | 1.9 | 1.1 | 0.002 | 0.81 |
| Wattled eelpout | 10 | 4.4 | 2.3 | 0.6 | 0.003 | 0.51 |
| Brown cat shark | 1 | 3.7 | 3.7 | 3.7 | 0.002 | 0.95 |
| Rockfishes | 8 | 3.7 | 1.6 | 1.2 | - | - |
| Spiny red sea star | 13 | 3.5 | 1.2 | 0.4 | - | - |
| White sea cucumber | 15 | 3.4 | 0.8 | 0.4 | - | - |
| Sea urchins | 17 | 3.3 | 2.2 | 0.8 | - | - |
| Glass shrimp | 4 | 2.9 | 2.9 | 2.9 | - | - |
| Brown box crab | 1 | 2.9 | 2.9 | 2.9 | - | - |
| Shrimp | 3 | 2.3 | 2.3 | 2.3 | - | - |
| Chub mackerel | 1 | 2.3 | 2.3 | 2.3 | 0.001 | 1.04 |
| Mud star | 16 | 2.2 | 1.3 | 0.4 | - | - |
| Blacktail snailfish | 3 | 2.2 | 1.4 | 1.1 | 0.002 | 0.79 |
| Vermilion rockfish | 1 | 2.2 | 2.2 | 2.2 | - | - |
| Opalescent inshore squid | 31 | 1.9 | 1.8 | 1.0 | - | - |
| All species | 7 | 1.9 | 1.0 | 0.6 | - | - |
| Starfish | 35 | 1.9 | 0.8 | 0.4 | - | - |
| Fish-eating star | 13 | 1.8 | 0.6 | 0.4 | - | - |
| Black rockfish | 1 | 1.8 | 1.8 | 1.8 | 0.001 | 0.98 |
| Heart urchins | 12 | 1.6 | 0.6 | 0.3 | - | - |
| Sea whip | 24 | 1.4 | 0.5 | 0.2 | - | - |
| Box crabs | 1 | 1.3 | 1.3 | 1.3 | - | - |
| Northern clingfish | 1 | 1.3 | 1.3 | 1.3 | 0.001 | 0.95 |
| Alaska skate | 1 | 1.2 | 1.2 | 1.2 | 0.001 | 1.02 |
| Cushion star | 24 | 1.2 | 0.7 | 0.4 | - | - |
| Orange sea cucumber | 3 | 1.2 | 1.1 | 0.6 | - | - |
| Sand star | 7 | 1.1 | 0.8 | 0.4 | - | - |
| Whitespotted sea cucumber | 3 | 1.0 | 0.5 | 0.3 | - | - |
| Calcareous sponges | 1 | 1.0 | 1.0 | 1.0 | - | - |
| Tiger rockfish | 2 | 1.0 | 1.0 | 1.0 | - | - |
| Henricia asthenactis | 2 | 1.0 | 1.0 | 1.0 | - | - |
| China rockfish | 1 | 0.9 | 0.9 | 0.9 | - | - |
| American shad | 2 | 0.8 | 0.7 | 0.4 | 0.000 | 0.85 |
| Pacific bobtail squid | 39 | 0.8 | 0.4 | 0.2 | - | - |
| Squids | 9 | 0.8 | 0.8 | 0.8 | - | - |
| Solasteridae | 5 | 0.8 | 0.8 | 0.8 | - | - |
| Hagfishes | 4 | 0.8 | 0.6 | 0.4 | - | - |
| Spiny scallop | 3 | 0.7 | 0.7 | 0.7 | - | - |
| Viperfishes | 9 | 0.5 | 0.5 | 0.5 | - | - |
| Ctenophora | 27 | 0.5 | 0.5 | 0.5 | - | - |
| Lightfish/hatchetfish/dragonfish/etc | 6 | 0.5 | 0.4 | 0.2 | - | - |
| Pseudarchaster alascensis | 2 | 0.5 | 0.5 | 0.5 | - | - |
| Smootheye poacher | 1 | 0.4 | 0.4 | 0.4 | 0.000 | 0.98 |

Table 7. Continued

| Species | Number of Tows | Catch Weight (kg) | | | Relative Abundance | RE |
|-------------------------------|----------------|-------------------|---------|------|--------------------|------|
| | | Total | Maximum | Mean | | |
| Cookie star | 7 | 0.4 | 0.3 | 0.2 | - | - |
| Prowfish | 6 | 0.4 | 0.3 | 0.2 | 0.000 | 0.87 |
| Sand sole | 1 | 0.3 | 0.3 | 0.3 | 0.000 | 1.00 |
| Cheiraster dawsoni | 12 | 0.3 | 0.3 | 0.3 | - | - |
| Oregontriton | 16 | 0.2 | 0.1 | 0.1 | - | - |
| Ophiuroidea | 51 | 0.2 | 0.2 | 0.1 | - | - |
| Pacific hagfish | 2 | 0.2 | 0.2 | 0.2 | 0.000 | 1.01 |
| Redclaw crab | 8 | 0.1 | 0.1 | 0.1 | - | - |
| Roughback sculpin | 6 | 0.1 | 0.1 | 0.0 | 0.000 | 0.73 |
| Bluespotted poacher | 2 | 0.1 | 0.1 | 0.1 | 0.000 | 1.02 |
| Shortfin eelpout | 5 | 0.1 | 0.1 | 0.1 | 0.000 | 0.95 |
| Tanner crabs | 1 | 0.1 | 0.1 | 0.1 | - | - |
| Vermillion starfish | 15 | 0.1 | 0.1 | 0.1 | - | - |
| Sweet potato sea cucumber | 2 | 0.1 | 0.1 | 0.1 | - | - |
| Squat lobster | 17 | 0.1 | 0.1 | 0.1 | - | - |
| Bristly crab | 1 | 0.1 | 0.1 | 0.1 | - | - |
| Peanutworms | 5 | 0.0 | 0.0 | 0.0 | - | - |
| Henricia aspera | 1 | - | - | - | - | - |
| Ridged crangon | 3 | - | - | - | - | - |
| Bigeye poacher | 20 | - | - | - | - | - |
| Polychaete worms | 1 | - | - | - | - | - |
| Pygmy poacher | 3 | - | - | - | - | - |
| Lophaster furcilliger vexator | 3 | - | - | - | - | - |
| Barnacles | 2 | - | - | - | - | - |
| Stony corals | 1 | - | - | - | - | - |
| Flatop crab | 1 | - | - | - | - | - |
| Dwarf wrymouth | 1 | - | - | - | - | - |
| Northern crangon | 4 | - | - | - | - | - |
| Leptychaster pacificus | 4 | - | - | - | - | - |
| Morning sun starfish | 3 | - | - | - | - | - |
| Roughspine sculpin | 8 | - | - | - | - | - |
| Lanternfishes | 16 | - | - | - | - | - |
| Long-armed sea star | 2 | - | - | - | - | - |
| Common two-spined crangon | 9 | - | - | - | - | - |
| Split-eye argid | 1 | - | - | - | - | - |
| Southern spinyhead | 2 | - | - | - | - | - |
| Sharp-nosed crab | 1 | - | - | - | - | - |
| Blood star | 2 | - | - | - | - | - |
| Pacific spiny lumpsucker | 1 | - | - | - | - | - |
| Thornback sculpin | 2 | - | - | - | - | - |
| Sea lilies and feather stars | 19 | - | - | - | - | - |
| Northern pearleye | 2 | - | - | - | - | - |
| Isopods | 71 | - | - | - | - | - |
| Snipe eels | 1 | - | - | - | - | - |
| Poraniopsis inflata | 1 | - | - | - | - | - |
| Red rock crab | 1 | - | - | - | - | - |
| Amphiodia | 1 | - | - | - | - | - |
| Diplopteraster multipes | 1 | - | - | - | - | - |
| Snailfishes | 4 | - | - | - | - | - |
| Northern spearnose poacher | 2 | - | - | - | - | - |
| Seaspider | 1 | - | - | - | - | - |
| Graceful decorator crab | 2 | - | - | - | - | - |
| Spotfin sculpin | 6 | - | - | - | - | - |
| Fish eggs | 1 | - | - | - | - | - |
| Spiny ridge shrimp | 1 | - | - | - | - | - |
| Crangons | 20 | - | - | - | - | - |
| Sea mouse | 3 | - | - | - | - | - |
| Smalldisk snailfish | 2 | - | - | - | - | - |
| Rose starfish | 29 | - | - | - | - | - |
| Shining tubeshoulder | 3 | - | - | - | - | - |
| Gephyreaster swifti | 1 | - | - | - | - | - |
| Bivalve molluscs | 1 | - | - | - | - | - |
| Sand crangon | 1 | - | - | - | - | - |
| Anthozoa | 3 | - | - | - | - | - |

Table 7. Continued

| Species | Number of Tows | Catch Weight (kg) | | | Relative Abundance | RE |
|------------------------------|----------------|-------------------|---------|------|--------------------|----|
| | | Total | Maximum | Mean | | |
| Blacktip poacher | 1 | - | - | - | - | - |
| Common argid | 2 | - | - | - | - | - |
| Scale worms | 3 | - | - | - | - | - |
| Dusky sculpin | 3 | - | - | - | - | - |
| Unknown fish | 4 | - | - | - | - | - |
| Chitons | 1 | - | - | - | - | - |
| Phrynophiurida | 1 | - | - | - | - | - |
| Pacific viperfish | 2 | - | - | - | - | - |
| Soft sea cucumber | 1 | - | - | - | - | - |
| Black-clawed crab | 1 | - | - | - | - | - |
| Goose barnacle | 1 | - | - | - | - | - |
| Crangonidae | 1 | - | - | - | - | - |
| Skates | 1 | - | - | - | - | - |
| Humpback shrimp | 2 | - | - | - | - | - |
| Stout blacksmelt | 2 | - | - | - | - | - |
| Right-handed hermits | 3 | - | - | - | - | - |
| Red irish lord | 1 | - | - | - | - | - |
| Blackfin poacher | 1 | - | - | - | - | - |
| Blue lanternfish | 8 | - | - | - | - | - |
| Crested bigscale | 1 | - | - | - | - | - |
| Crustaceans | 2 | - | - | - | - | - |
| Pacific red octopus | 1 | - | - | - | - | - |
| Ascidians and tunicates | 2 | - | - | - | - | - |
| Sculpins | 2 | - | - | - | - | - |
| Whitebarred prickleback | 1 | - | - | - | - | - |
| Eelpouts | 4 | - | - | - | - | - |
| Decapods | 2 | - | - | - | - | - |
| Nelson's argid | 12 | - | - | - | - | - |
| Elassochirus | 3 | - | - | - | - | - |
| Lewismoon snail | 2 | - | - | - | - | - |
| Ronquils | 2 | - | - | - | - | - |
| Manytoothed eelpout | 1 | - | - | - | - | - |
| Ophiura sarsi | 24 | - | - | - | - | - |
| Bigfin lanternfish | 4 | - | - | - | - | - |
| Porcelain crabs | 1 | - | - | - | - | - |
| California headlightfish | 7 | - | - | - | - | - |
| Hydroid | 4 | - | - | - | - | - |
| Yoldias | 1 | - | - | - | - | - |
| Seaslugs | 16 | - | - | - | - | - |
| Slim sculpin | 4 | - | - | - | - | - |
| Winged sea star | 1 | - | - | - | - | - |
| Tadpole sculpin | 3 | - | - | - | - | - |
| Northern lampfish | 2 | - | - | - | - | - |
| Spike shrimp (horned shrimp) | 12 | - | - | - | - | - |
| Segmented worms | 3 | - | - | - | - | - |
| Native littleneck clam | 1 | - | - | - | - | - |
| Poachers | 9 | - | - | - | - | - |
| Northern ronquil | 7 | - | - | - | - | - |
| Lightfishes | 3 | - | - | - | - | - |
| Large eyed eualid | 1 | - | - | - | - | - |
| Northern argid | 2 | - | - | - | - | - |
| Tube worms | 4 | - | - | - | - | - |
| Puget sound rockfish | 2 | - | - | - | - | - |
| Lithodio crabs | 1 | - | - | - | - | - |
| Gastropods | 6 | - | - | - | - | - |
| Molluscs | 1 | - | - | - | - | - |
| Daubed shanny | 4 | - | - | - | - | - |
| Sturgeon poacher | 1 | - | - | - | - | - |
| Sea pen | 1 | - | - | - | - | - |
| Henricia sanguinolenta | 8 | - | - | - | - | - |
| Pacific lamprey | 2 | - | - | - | - | - |
| Spider crabs | 6 | - | - | - | - | - |
| Salmonids | 1 | - | - | - | - | - |

Table 8. Offloaded catch weight by species.

| Species | Weight (kg) |
|-----------------------|--------------------|
| Arrowtooth flounder | 0.5 |
| Aurora rockfish | 3.6 |
| Bocaccio | 33.1 |
| Canary rockfish | 1,513.6 |
| Curlfin sole | 0.9 |
| Darkblotched rockfish | 215.0 |
| Dover sole | 1,806.2 |
| English sole | 352.9 |
| Flathead sole | 0.9 |
| Greenstriped rockfish | 56.2 |
| Harlequin rockfish | 57.2 |
| Lingcod | 294.8 |
| Pacific cod | 1,026.9 |
| Pacific ocean perch | 20,196.2 |
| Petrable sole | 123.8 |
| Redbanded rockfish | 489.0 |
| Redstripe rockfish | 1,948.6 |
| Rex sole | 150.1 |
| Rock sole | 134.7 |
| Rosethorn rockfish | 28.1 |
| Rougheye rockfish | 1,365.8 |
| Sablefish | 215.9 |
| Sharpchin rockfish | 3,107.1 |
| Shortraker rockfish | 215.9 |
| Shortspine thornyhead | 1,197.5 |
| Silvergray rockfish | 4,946.4 |
| Splitnose rockfish | 2,488.4 |
| Walleye pollock | 12.2 |
| Widow rockfish | 491.2 |
| Yelloweye rockfish | 10.9 |
| Yellowmouth rockfish | 3,806.5 |
| Yellowtail rockfish | 1,000.2 |
| Total | 47,290.3 |

Table 9. Number of samples and number of recorded biological attributes per species sampled.

| Species | Samples | Lengths | Weights | Sexes | Maturities | Ages |
|------------------------|--------------|---------------|---------------|---------------|---------------|--------------|
| Alaska skate | 2 | 1 | 1 | 1 | 0 | 0 |
| Aleutian skate | 3 | 3 | 2 | 3 | 0 | 0 |
| All species | 1 | 0 | 0 | 0 | 0 | 0 |
| Arrowtooth flounder | 97 | 2,845 | 608 | 2,844 | 607 | 368 |
| Aurora rockfish | 6 | 17 | 17 | 17 | 17 | 17 |
| Big skate | 16 | 51 | 16 | 51 | 0 | 0 |
| Black eelpout | 4 | 27 | 0 | 27 | 0 | 0 |
| Black rockfish | 1 | 1 | 1 | 1 | 1 | 1 |
| Blackbelly eelpout | 6 | 340 | 0 | 0 | 0 | 0 |
| Blackfin sculpin | 4 | 45 | 0 | 6 | 0 | 0 |
| Bocaccio | 15 | 51 | 51 | 51 | 51 | 51 |
| Brown cat shark | 1 | 7 | 0 | 7 | 0 | 0 |
| Canary rockfish | 18 | 346 | 277 | 346 | 277 | 257 |
| China rockfish | 1 | 1 | 1 | 1 | 1 | 1 |
| Chinook salmon | 1 | 1 | 0 | 1 | 0 | 0 |
| Chum salmon | 7 | 7 | 0 | 7 | 0 | 0 |
| Curlfin sole | 20 | 43 | 43 | 43 | 43 | 43 |
| Darkblotched rockfish | 18 | 137 | 137 | 137 | 137 | 137 |
| Dover sole | 95 | 2,242 | 840 | 2,242 | 840 | 413 |
| English sole | 42 | 1,521 | 683 | 1,522 | 682 | 364 |
| Eulachon | 3 | 164 | 0 | 0 | 0 | 0 |
| Fish eggs | 1 | 0 | 0 | 0 | 0 | 0 |
| Flathead sole | 22 | 651 | 37 | 651 | 37 | 12 |
| Greenstriped rockfish | 30 | 414 | 208 | 414 | 208 | 143 |
| Harlequin rockfish | 3 | 50 | 50 | 50 | 50 | 50 |
| Kelp greenling | 2 | 10 | 0 | 10 | 0 | 0 |
| Lingcod | 78 | 239 | 239 | 239 | 239 | 240 |
| Longnose skate | 76 | 132 | 55 | 131 | 0 | 0 |
| Longspine thornyhead | 4 | 120 | 0 | 120 | 0 | 0 |
| Pacific cod | 86 | 1,078 | 707 | 1,078 | 707 | 0 |
| Pacific hake | 66 | 1,924 | 975 | 1,924 | 975 | 430 |
| Pacific halibut | 72 | 206 | 0 | 163 | 0 | 0 |
| Pacific herring | 6 | 156 | 0 | 6 | 0 | 0 |
| Pacific ocean perch | 93 | 3,083 | 1,819 | 3,021 | 1,818 | 910 |
| Pacific sand lance | 4 | 291 | 0 | 9 | 0 | 0 |
| Pacific sanddab | 22 | 954 | 98 | 925 | 0 | 0 |
| Pacific tomcod | 2 | 195 | 0 | 21 | 0 | 0 |
| Petrale sole | 47 | 512 | 377 | 512 | 377 | 289 |
| Pygmy rockfish | 10 | 290 | 0 | 223 | 0 | 0 |
| Quillback rockfish | 16 | 165 | 165 | 166 | 166 | 166 |
| Redbanded rockfish | 90 | 472 | 422 | 472 | 422 | 422 |
| Redstripe rockfish | 29 | 993 | 442 | 884 | 442 | 235 |
| Rex sole | 102 | 3,509 | 1,121 | 3,509 | 430 | 430 |
| Rosethorn rockfish | 28 | 175 | 175 | 175 | 175 | 175 |
| Rougheye rockfish | 44 | 572 | 450 | 572 | 450 | 433 |
| Sablefish | 50 | 623 | 214 | 623 | 214 | 124 |
| Sandpaper skate | 14 | 17 | 14 | 17 | 0 | 0 |
| Sharpchin rockfish | 22 | 762 | 191 | 526 | 191 | 141 |
| Shortbelly rockfish | 4 | 121 | 21 | 121 | 21 | 21 |
| Shortraker rockfish | 10 | 47 | 47 | 47 | 47 | 47 |
| Shortspine thornyhead | 65 | 2,193 | 1,189 | 2,193 | 1,188 | 434 |
| Silvergray rockfish | 51 | 969 | 641 | 969 | 641 | 423 |
| Slender sole | 11 | 218 | 0 | 218 | 0 | 0 |
| Southern rock sole | 42 | 820 | 728 | 820 | 700 | 400 |
| Spiny dogfish | 37 | 594 | 118 | 594 | 0 | 0 |
| Splitnose rockfish | 17 | 536 | 444 | 536 | 444 | 297 |
| Spotted ratfish | 64 | 1,543 | 230 | 1,543 | 0 | 0 |
| Stripetail rockfish | 2 | 44 | 0 | 44 | 0 | 0 |
| Threadfin sculpin | 1 | 7 | 7 | 7 | 7 | 7 |
| Tiger rockfish | 1 | 1 | 1 | 1 | 1 | 1 |
| Vermilion rockfish | 1 | 1 | 1 | 1 | 1 | 1 |
| Walleye pollock | 45 | 673 | 50 | 673 | 50 | 0 |
| Whitespotted greenling | 1 | 1 | 0 | 1 | 0 | 0 |
| Widow rockfish | 7 | 122 | 86 | 122 | 86 | 86 |
| Yelloweye rockfish | 32 | 93 | 93 | 93 | 93 | 93 |
| Yellowmouth rockfish | 28 | 609 | 354 | 498 | 354 | 312 |
| Yellowtail rockfish | 20 | 449 | 317 | 449 | 317 | 276 |
| Total | 1,819 | 34,484 | 14,763 | 32,678 | 13,507 | 8,250 |

Table 10. Numbers of samples and specimens by sample type and species.

| Species | Total | | Len/Sex | | Len/Sex/Wt | | Len/Sex/Wt/Age | |
|------------------------|--------------|---------------|--------------|---------------|------------|--------------|----------------|--------------|
| | N | n | N | n | N | n | N | n |
| Alaska skate | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| Aleutian skate | 3 | 3 | 1 | 1 | 2 | 2 | 0 | 0 |
| All species | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arrowtooth flounder | 97 | 2,845 | 82 | 2,237 | 6 | 241 | 9 | 368 |
| Aurora rockfish | 6 | 17 | 0 | 0 | 0 | 0 | 6 | 17 |
| Big skate | 16 | 51 | 10 | 35 | 6 | 16 | 0 | 0 |
| Black eelpout | 4 | 27 | 4 | 27 | 0 | 0 | 0 | 0 |
| Black rockfish | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Blackbelly eelpout | 6 | 340 | 6 | 340 | 0 | 0 | 0 | 0 |
| Blackfin sculpin | 4 | 45 | 4 | 45 | 0 | 0 | 0 | 0 |
| Bocaccio | 15 | 51 | 0 | 0 | 0 | 0 | 15 | 51 |
| Brown cat shark | 1 | 7 | 1 | 7 | 0 | 0 | 0 | 0 |
| Canary rockfish | 18 | 346 | 9 | 69 | 1 | 20 | 8 | 257 |
| China rockfish | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Chinook salmon | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Chum salmon | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 |
| Curlfin sole | 20 | 43 | 0 | 0 | 0 | 0 | 20 | 43 |
| Darkblotched rockfish | 18 | 137 | 0 | 0 | 0 | 0 | 18 | 137 |
| Dover sole | 95 | 2,242 | 75 | 1,402 | 9 | 427 | 11 | 413 |
| English sole | 42 | 1,521 | 27 | 839 | 7 | 319 | 8 | 364 |
| Eulachon | 3 | 164 | 3 | 164 | 0 | 0 | 0 | 0 |
| Fish eggs | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Flathead sole | 22 | 651 | 20 | 614 | 1 | 25 | 1 | 12 |
| Greenstriped rockfish | 30 | 414 | 18 | 206 | 2 | 65 | 10 | 143 |
| Harlequin rockfish | 3 | 50 | 0 | 0 | 0 | 0 | 3 | 50 |
| Kelp greenling | 2 | 10 | 2 | 10 | 0 | 0 | 0 | 0 |
| Lingcod | 78 | 239 | 0 | 0 | 0 | 0 | 78 | 240 |
| Longnose skate | 76 | 132 | 36 | 77 | 40 | 55 | 0 | 0 |
| Longspine thornyhead | 4 | 120 | 4 | 120 | 0 | 0 | 0 | 0 |
| Pacific cod | 86 | 1,078 | 46 | 371 | 40 | 707 | 0 | 0 |
| Pacific hake | 66 | 1,924 | 45 | 949 | 12 | 545 | 9 | 430 |
| Pacific halibut | 72 | 206 | 72 | 206 | 0 | 0 | 0 | 0 |
| Pacific herring | 6 | 156 | 6 | 156 | 0 | 0 | 0 | 0 |
| Pacific ocean perch | 93 | 3,083 | 52 | 1,264 | 19 | 889 | 22 | 910 |
| Pacific sand lance | 4 | 291 | 4 | 291 | 0 | 0 | 0 | 0 |
| Pacific sanddab | 22 | 954 | 20 | 856 | 2 | 98 | 0 | 0 |
| Pacific tomcod | 2 | 195 | 2 | 195 | 0 | 0 | 0 | 0 |
| Petrale sole | 47 | 512 | 15 | 135 | 4 | 88 | 28 | 289 |
| Pygmy rockfish | 10 | 290 | 10 | 290 | 0 | 0 | 0 | 0 |
| Quillback rockfish | 16 | 165 | 0 | 0 | 0 | 0 | 15 | 166 |
| Redbanded rockfish | 90 | 472 | 7 | 50 | 0 | 0 | 83 | 422 |
| Redstripe rockfish | 29 | 993 | 20 | 551 | 4 | 207 | 5 | 235 |
| Rex sole | 102 | 3,509 | 78 | 2,388 | 13 | 691 | 10 | 430 |
| Rosethorn rockfish | 28 | 175 | 0 | 0 | 0 | 0 | 28 | 175 |
| Rougheye rockfish | 44 | 572 | 16 | 122 | 1 | 17 | 27 | 433 |
| Sablefish | 50 | 623 | 44 | 409 | 3 | 90 | 3 | 124 |
| Sandpaper skate | 14 | 17 | 3 | 3 | 11 | 14 | 0 | 0 |
| Sharpchin rockfish | 22 | 762 | 18 | 571 | 1 | 50 | 3 | 141 |
| Shortbelly rockfish | 4 | 121 | 3 | 100 | 0 | 0 | 1 | 21 |
| Shortraker rockfish | 10 | 47 | 0 | 0 | 0 | 0 | 10 | 47 |
| Shortspine thornyhead | 65 | 2,193 | 40 | 1,004 | 16 | 755 | 9 | 434 |
| Silvergray rockfish | 51 | 969 | 34 | 328 | 6 | 218 | 11 | 423 |
| Slender sole | 11 | 218 | 11 | 218 | 0 | 0 | 0 | 0 |
| Southern rock sole | 42 | 820 | 14 | 92 | 9 | 328 | 19 | 400 |
| Spiny dogfish | 37 | 594 | 32 | 476 | 4 | 118 | 0 | 0 |
| Splitnose rockfish | 17 | 536 | 8 | 92 | 3 | 147 | 6 | 297 |
| Spotted ratfish | 64 | 1,543 | 58 | 1,313 | 6 | 230 | 0 | 0 |
| Stripetail rockfish | 2 | 44 | 2 | 44 | 0 | 0 | 0 | 0 |
| Threadfin sculpin | 1 | 7 | 0 | 0 | 0 | 0 | 1 | 7 |
| Tiger rockfish | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Vermilion rockfish | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Walleye pollock | 45 | 673 | 44 | 623 | 1 | 50 | 0 | 0 |
| Whitespotted greenling | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Widow rockfish | 7 | 122 | 4 | 36 | 0 | 0 | 3 | 86 |
| Yelloweye rockfish | 32 | 93 | 0 | 0 | 0 | 0 | 32 | 93 |
| Yellowmouth rockfish | 28 | 609 | 18 | 255 | 1 | 42 | 9 | 312 |
| Yellowtail rockfish | 20 | 449 | 11 | 132 | 1 | 41 | 8 | 276 |
| Total | 1,819 | 34,484 | 1,048 | 19,722 | 232 | 6,496 | 533 | 8,250 |

Table 11. Statistics of individual length and weight, and sex proportion by species.

| Species | Length (cm) | | | Weight (kg) | | | Sex Proportion | |
|------------------------|-------------|-------|------|-------------|-------|------|----------------|--------|
| | Min. | Max. | Mean | Min. | Max. | Mean | Male | Female |
| Alaska skate | 61.5 | 61.5 | 61.5 | 1.12 | 1.12 | 1.12 | 1.00 | 0.00 |
| Aleutian skate | 66.6 | 102.0 | 88.2 | 1.02 | 5.20 | 3.11 | 0.67 | 0.33 |
| Arrowtooth flounder | 13.0 | 75.0 | 33.9 | 0.02 | 4.07 | 0.78 | 0.42 | 0.58 |
| Aurora rockfish | 25.6 | 38.4 | 31.5 | 0.28 | 0.80 | 0.50 | 0.53 | 0.47 |
| Big skate | 23.0 | 165.0 | 74.4 | 0.68 | 40.00 | 8.13 | 0.49 | 0.51 |
| Black eelpout | 13.0 | 36.0 | 23.9 | | | | 0.30 | 0.70 |
| Black rockfish | 49.6 | 49.6 | 49.6 | 1.98 | 1.98 | 1.98 | 0.00 | 1.00 |
| Blackbelly eelpout | 5.0 | 31.0 | 18.5 | | | | 0.00 | 0.00 |
| Blackfin sculpin | 6.0 | 20.0 | 13.9 | | | | 0.13 | 0.00 |
| Bocaccio | 31.3 | 85.1 | 67.5 | 2.35 | 7.53 | 4.27 | 0.75 | 0.25 |
| Brown cat shark | 48.0 | 57.0 | 53.2 | | | | 0.86 | 0.14 |
| Canary rockfish | 20.0 | 59.4 | 48.7 | 0.82 | 3.99 | 2.10 | 0.65 | 0.35 |
| China rockfish | 37.2 | 37.2 | 37.2 | 1.02 | 1.02 | 1.02 | 0.00 | 1.00 |
| Chinook salmon | 75.0 | 75.0 | 75.0 | | | | 0.00 | 1.00 |
| Chum salmon | 63.0 | 71.0 | 67.8 | | | | 0.86 | 0.14 |
| Curlfin sole | 24.5 | 35.4 | 28.3 | 0.22 | 0.73 | 0.37 | 0.65 | 0.35 |
| Darkblotched rockfish | 17.3 | 56.1 | 38.6 | 0.10 | 3.19 | 1.11 | 0.57 | 0.43 |
| Dover sole | 16.0 | 64.0 | 36.6 | 0.04 | 1.98 | 0.58 | 0.58 | 0.42 |
| English sole | 13.0 | 48.0 | 28.8 | 0.06 | 1.05 | 0.26 | 0.42 | 0.58 |
| Eulachon | 11.0 | 20.0 | 17.7 | | | | 0.00 | 0.00 |
| Flathead sole | 12.0 | 41.0 | 27.7 | 0.08 | 0.44 | 0.27 | 0.44 | 0.56 |
| Greenstriped rockfish | 10.0 | 37.7 | 27.8 | 0.03 | 0.91 | 0.34 | 0.49 | 0.51 |
| Harlequin rockfish | 15.8 | 29.6 | 25.1 | 0.05 | 0.34 | 0.22 | 0.36 | 0.64 |
| Kelp greenling | 37.0 | 43.0 | 40.0 | | | | 0.00 | 1.00 |
| Lingcod | 29.4 | 104.5 | 68.9 | 0.80 | 10.58 | 3.39 | 0.25 | 0.75 |
| Longnose skate | 8.2 | 146.2 | 87.4 | 0.27 | 19.60 | 4.59 | 0.52 | 0.47 |
| Longspine thornyhead | 12.0 | 30.0 | 21.2 | | | | 0.48 | 0.52 |
| Pacific cod | 6.0 | 82.0 | 43.6 | 0.13 | 4.96 | 0.99 | 0.50 | 0.50 |
| Pacific hake | 20.3 | 70.5 | 48.2 | 0.20 | 1.89 | 0.72 | 0.42 | 0.58 |
| Pacific halibut | 52.0 | 176.0 | 72.8 | | | | 0.47 | 0.32 |
| Pacific herring | 18.0 | 26.0 | 22.2 | | | | 0.02 | 0.02 |
| Pacific ocean perch | 7.0 | 52.4 | 35.5 | 0.04 | 2.70 | 0.82 | 0.53 | 0.45 |
| Pacific sand lance | 6.0 | 20.0 | 13.3 | | | | 0.01 | 0.02 |
| Pacific sanddab | 7.0 | 35.0 | 22.0 | 0.02 | 0.24 | 0.07 | 0.44 | 0.53 |
| Pacific tomcod | 15.0 | 24.0 | 18.6 | | | | 0.05 | 0.06 |
| Petrale sole | 23.0 | 64.3 | 39.9 | 0.19 | 3.18 | 0.82 | 0.52 | 0.48 |
| Pygmy rockfish | 9.0 | 22.0 | 13.6 | | | | 0.37 | 0.40 |
| Quillback rockfish | 21.2 | 44.9 | 36.6 | 0.19 | 1.96 | 1.09 | 0.50 | 0.50 |
| Redbanded rockfish | 11.2 | 61.5 | 38.3 | 0.02 | 4.98 | 1.15 | 0.51 | 0.49 |
| Redstripe rockfish | 9.0 | 43.2 | 29.0 | 0.08 | 0.97 | 0.50 | 0.36 | 0.53 |
| Rex sole | 9.0 | 49.0 | 30.4 | 0.03 | 0.80 | 0.20 | 0.58 | 0.42 |
| Rosethorn rockfish | 11.4 | 34.4 | 25.7 | 0.02 | 0.60 | 0.26 | 0.51 | 0.49 |
| Rougheye rockfish | 13.1 | 65.2 | 42.8 | 0.03 | 4.55 | 1.45 | 0.55 | 0.45 |
| Sablefish | 37.0 | 86.0 | 57.3 | 1.11 | 6.34 | 2.26 | 0.74 | 0.26 |
| Sandpaper skate | 20.0 | 80.3 | 53.5 | 0.20 | 3.29 | 1.05 | 0.53 | 0.47 |
| Sharpchin rockfish | 5.0 | 39.3 | 21.1 | 0.05 | 0.84 | 0.38 | 0.32 | 0.37 |
| Shortbelly rockfish | 14.0 | 21.6 | 18.0 | 0.03 | 0.11 | 0.08 | 0.37 | 0.63 |
| Shortraker rockfish | 46.9 | 97.5 | 62.4 | 1.35 | 15.11 | 4.38 | 0.47 | 0.53 |
| Shortspine thornyhead | 3.6 | 67.0 | 28.0 | 0.01 | 4.73 | 0.32 | 0.49 | 0.51 |
| Silvergray rockfish | 20.0 | 67.9 | 52.0 | 0.74 | 4.28 | 1.89 | 0.54 | 0.46 |
| Slender sole | 13.0 | 35.0 | 20.9 | | | | 0.43 | 0.57 |
| Southern rock sole | 9.1 | 59.5 | 30.5 | 0.01 | 2.72 | 0.47 | 0.34 | 0.66 |
| Spiny dogfish | 46.0 | 109.0 | 67.7 | 0.65 | 3.28 | 1.82 | 0.70 | 0.30 |
| Splitnose rockfish | 11.0 | 41.4 | 29.4 | 0.11 | 1.40 | 0.51 | 0.52 | 0.48 |
| Spotted ratfish | 7.0 | 63.0 | 26.9 | 0.06 | 1.36 | 0.36 | 0.51 | 0.49 |
| Stripetail rockfish | 9.0 | 15.0 | 12.0 | | | | 0.45 | 0.55 |
| Threadfin sculpin | 16.1 | 26.6 | 22.3 | 0.04 | 0.26 | 0.16 | 0.14 | 0.86 |
| Tiger rockfish | 37.4 | 37.4 | 37.4 | 1.06 | 1.06 | 1.06 | 0.00 | 1.00 |
| Vermilion rockfish | 49.5 | 49.5 | 49.5 | 2.22 | 2.22 | 2.22 | 1.00 | 0.00 |
| Walleye pollock | 7.0 | 69.0 | 35.6 | 0.15 | 0.67 | 0.28 | 0.33 | 0.67 |
| Whitespotted greenling | 40.0 | 40.0 | 40.0 | | | | 1.00 | 0.00 |
| Widow rockfish | 7.9 | 62.0 | 42.6 | 0.01 | 4.67 | 1.38 | 0.56 | 0.44 |
| Yelloweye rockfish | 24.5 | 72.2 | 54.1 | 0.22 | 8.12 | 3.34 | 0.58 | 0.42 |
| Yellowmouth rockfish | 5.0 | 54.7 | 37.0 | 0.87 | 2.16 | 1.40 | 0.42 | 0.40 |
| Yellowtail rockfish | 34.2 | 57.9 | 46.1 | 0.57 | 2.92 | 1.54 | 0.60 | 0.40 |

Table 12. Data collected from net sensors, showing the number of tows from which each data type was collected (total number of survey tows is 253).

| Sensor | Attribute | Num. Tows | Num. Records |
|---|---|------------------|---------------------|
| NMFS Bottom Contact Sensor | Bottom Contact Sensor Tilt Angle | 268 | 50,250 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Bottom Depth | 247 | 315,355 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Cross-Current Water Velocity At Net Depth | 217 | 290,204 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Density Of Fish In Net | 273 | 322,895 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Net Depth | 272 | 364,753 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Trawl Net Doorspread | 276 | 360,603 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Trawl Net Footrope To Headline Distance | 273 | 322,895 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Trawl Net Headrope To Bottom Distance | 273 | 322,895 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Vessel Direction - Compass Bearing True North | 276 | 376,465 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Vessel Position - Latitude | 276 | 376,465 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Vessel Position - Longitude | 276 | 376,465 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Vessel Speed Over Ground | 276 | 376,465 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Water Temperature At Net Depth | 273 | 363,209 |
| Scanmar Scanbas Sru 06 / Sgm 15 | Water Velocity At Net Depth | 217 | 290,204 |
| Seabird Sbe39 Temperature And Pressure Sensor | Net Depth | 237 | 41,689 |
| Seabird Sbe39 Temperature And Pressure Sensor | Water Temperature At Net Depth | 237 | 41,689 |

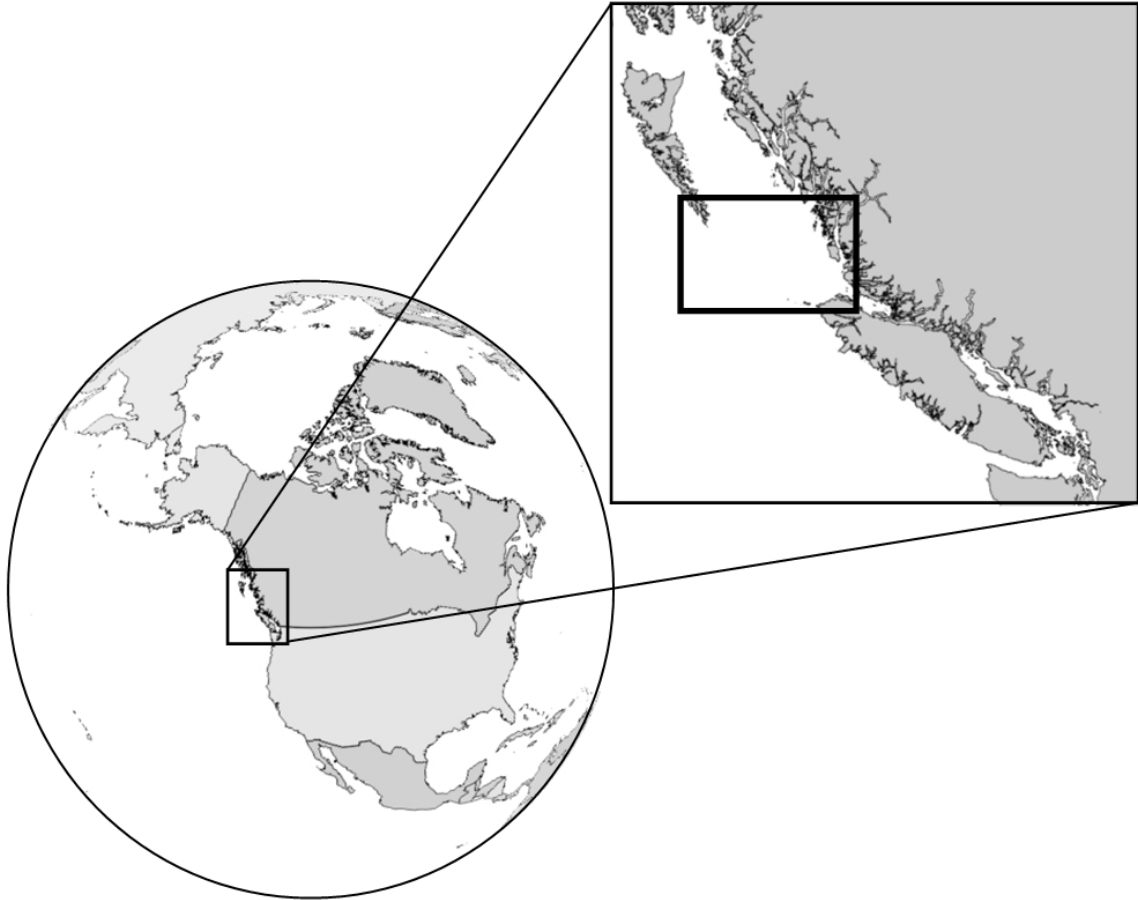


Figure 1. Location of Queen Charlotte Sound on the coast of British Columbia, Canada.



Figure 2. The commercial stern trawler F/V Viking Storm.

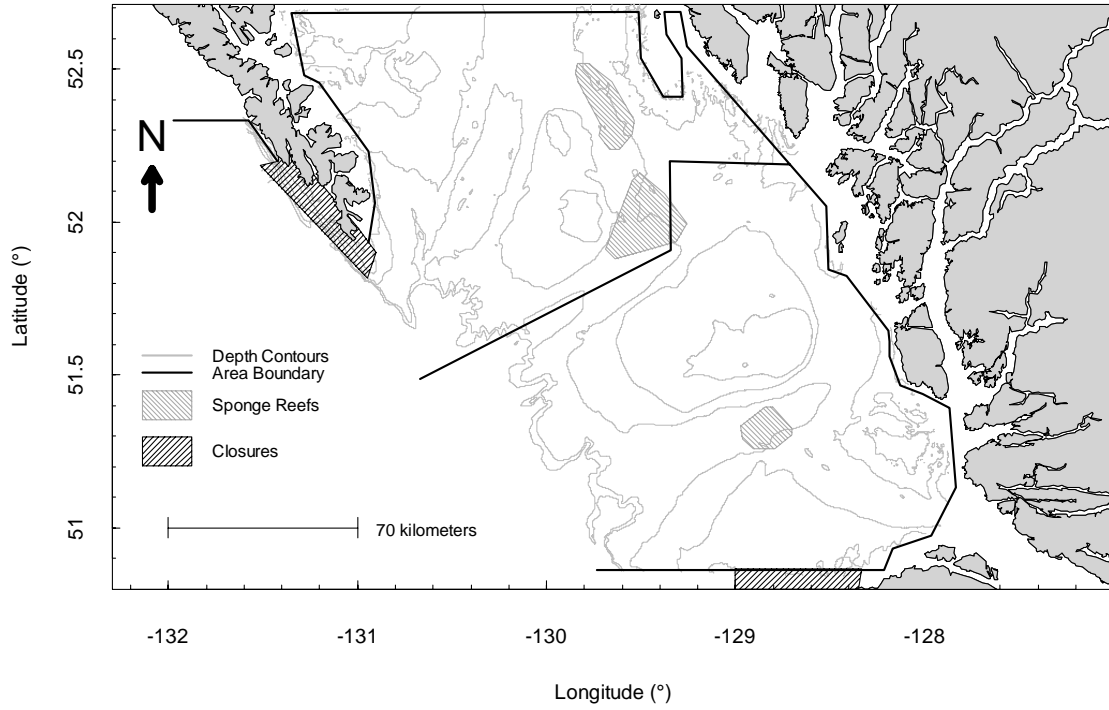


Figure 3. The Queen Charlotte Sound study area showing area boundary, fishing closures, sponge reef protected areas, and depth contours.

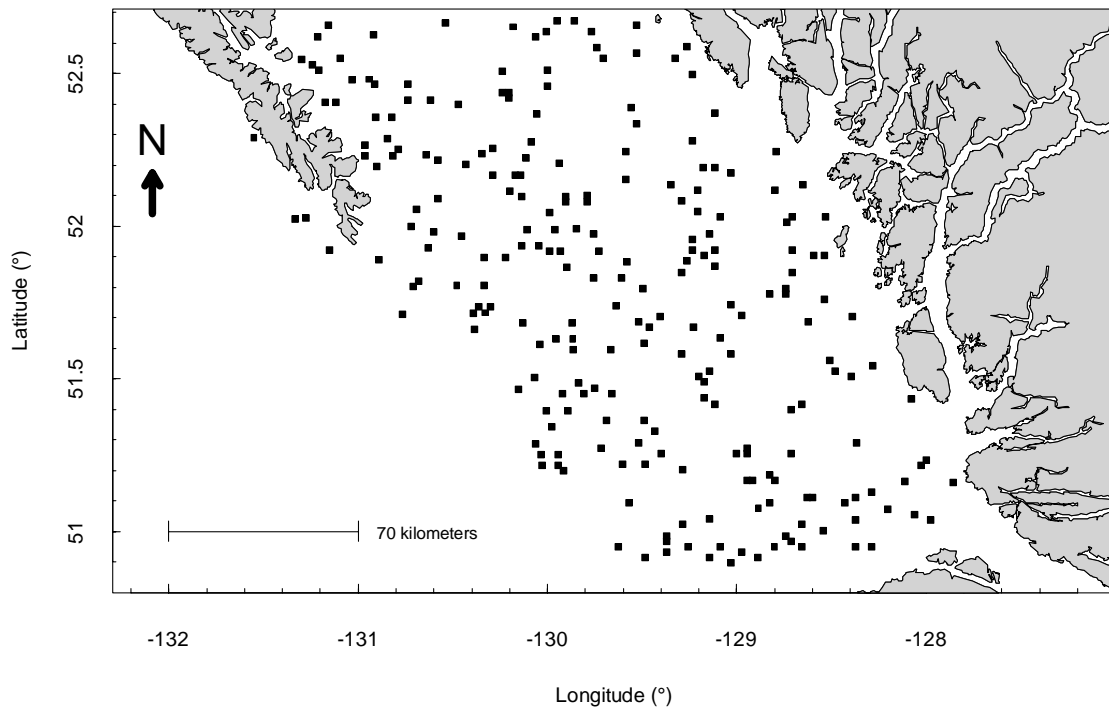


Figure 4. Initial status of the sampling frame showing the 240 primary fishing locations.

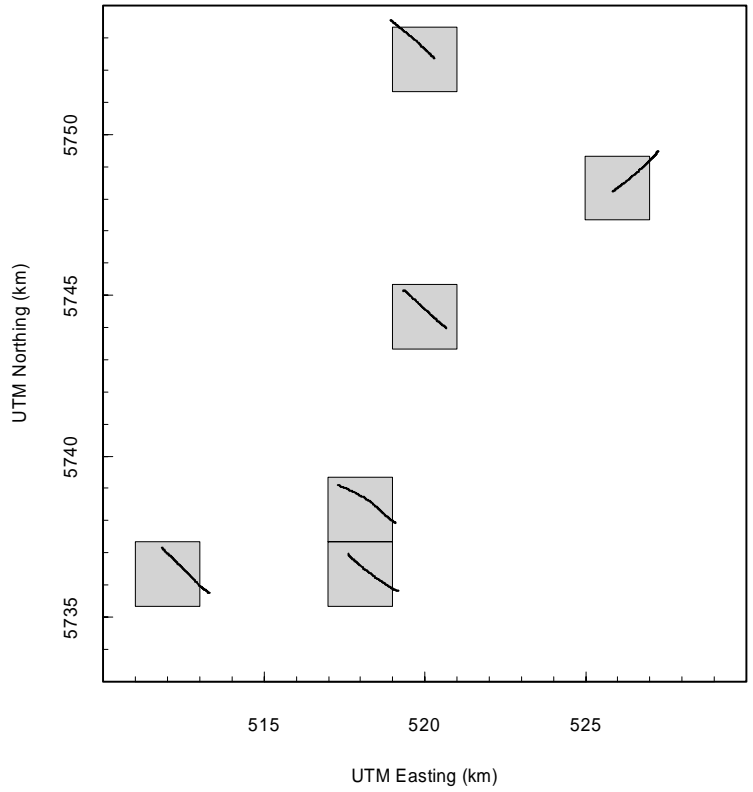


Figure 5. Example tow tracks from 2004.

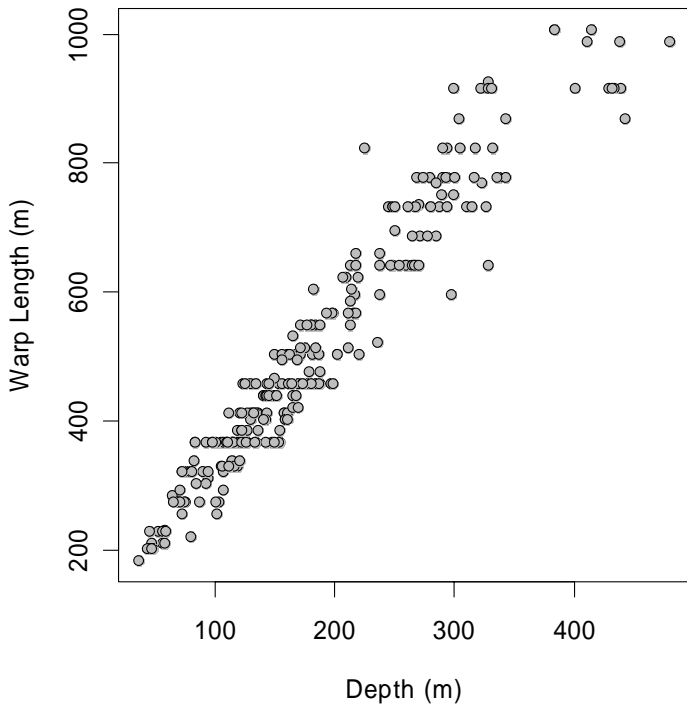


Figure 6. Warp length versus starting depth.

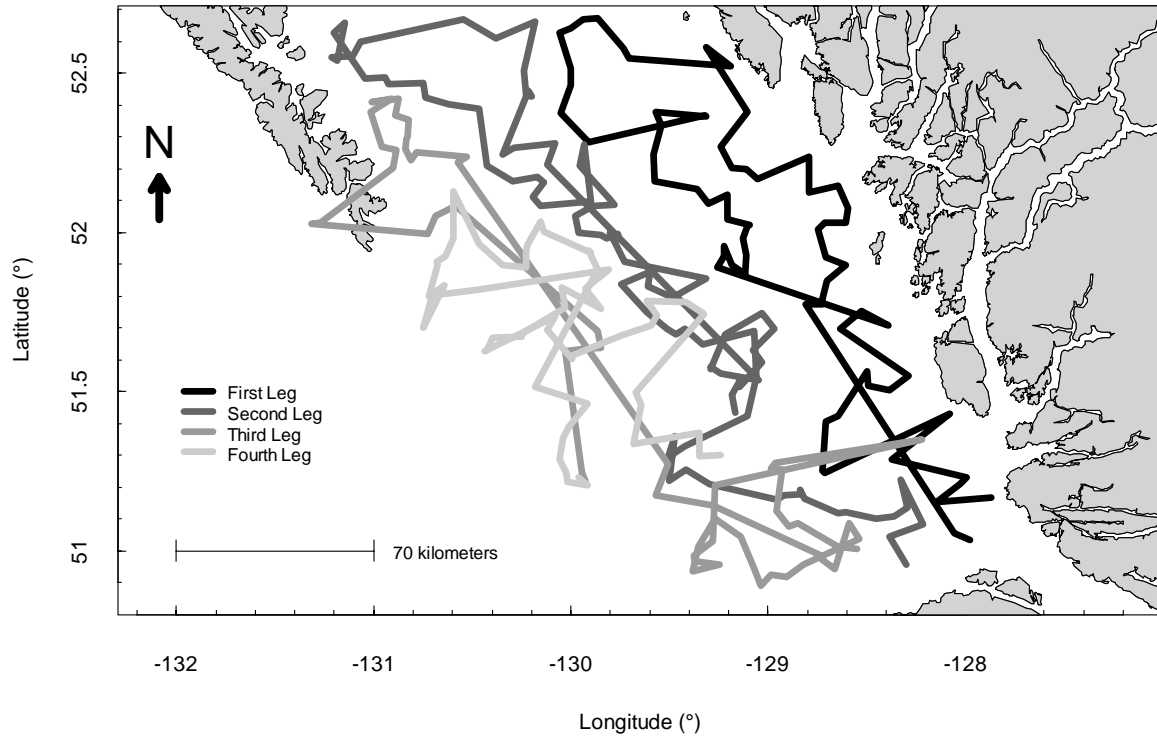


Figure 7. The paths followed on each leg of the survey.

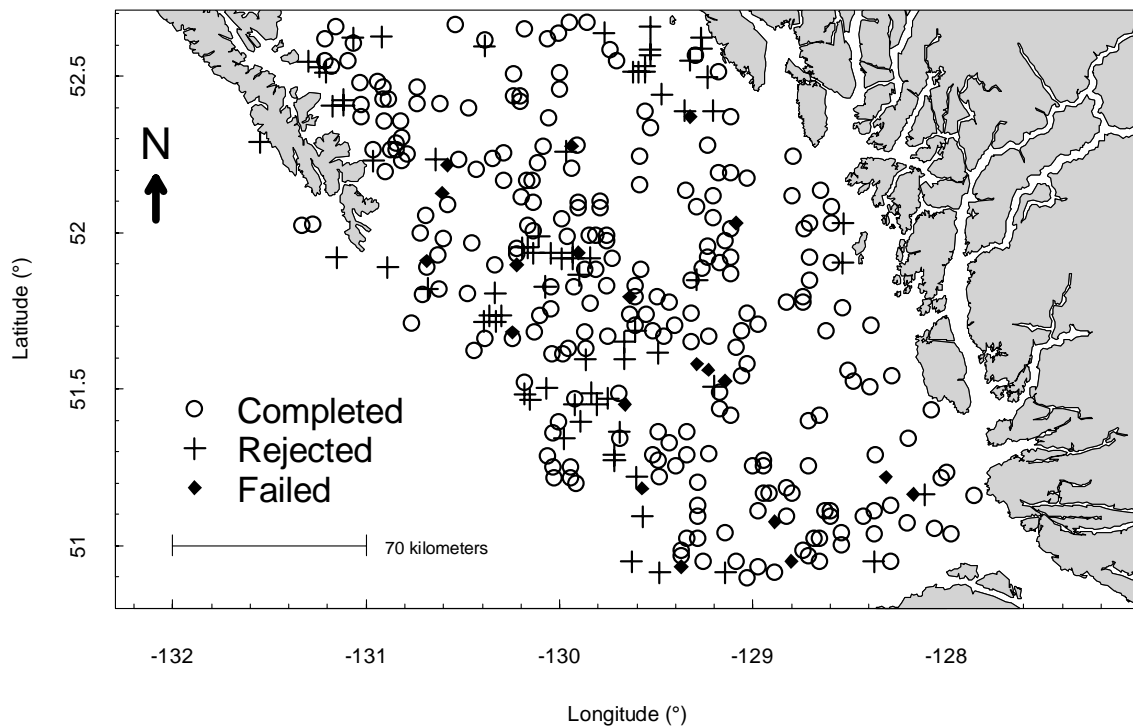


Figure 8. Final status of the sampling frame showing locations that were fished successfully (completed), rejected prior to fishing (rejected), or abandoned after one or more unsuccessful fishing attempts (failed).

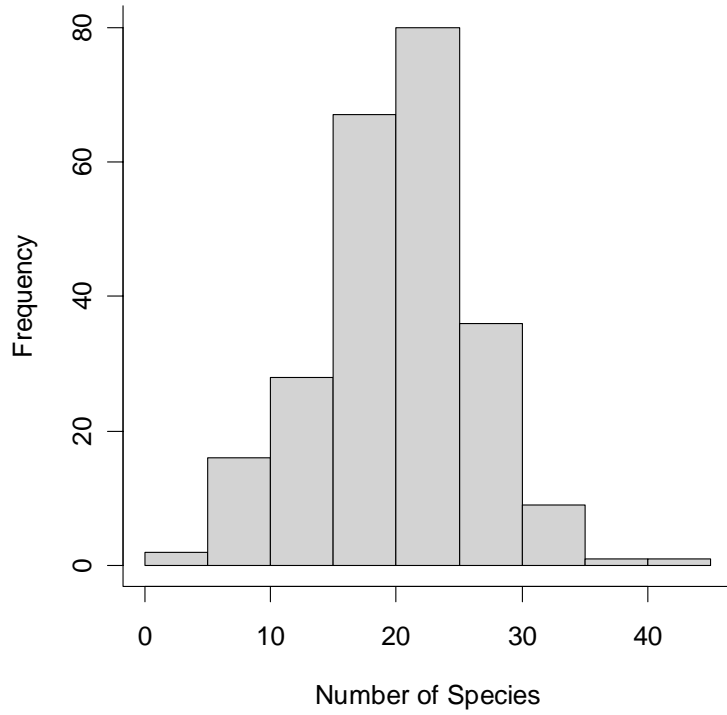
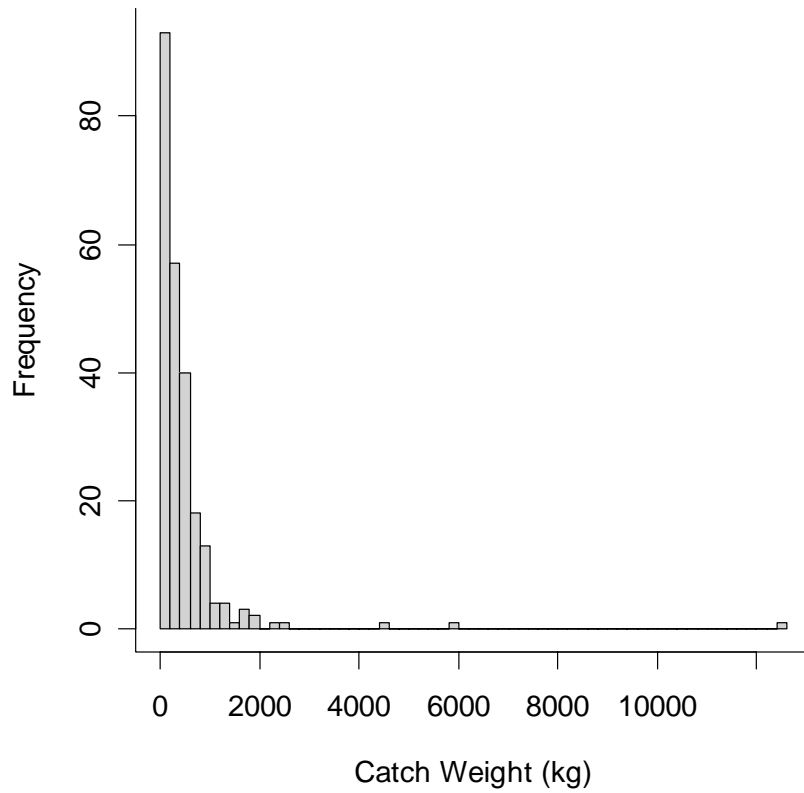


Figure 9. Histogram of number of species caught per tow.



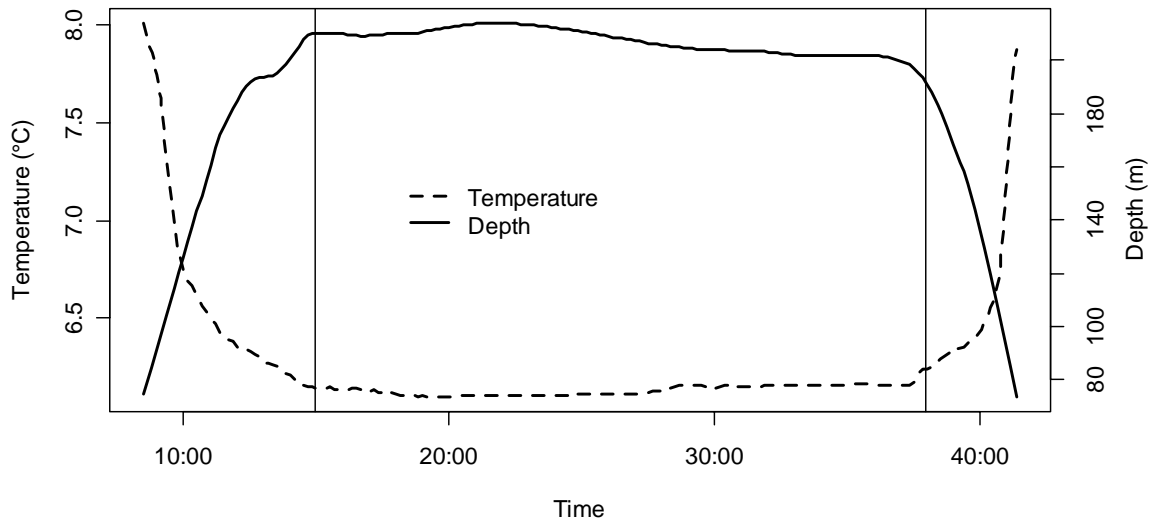


Figure 11. Seabird 39 temperature and depth profile from set number 15. The vertical lines indicate the start and end of net contact with the sea floor.

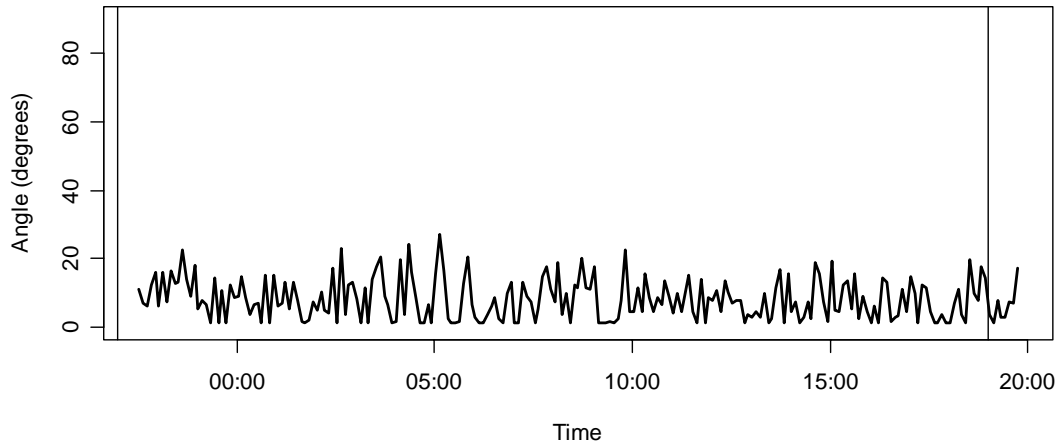


Figure 12. NMFS bottom contact sensor profile from set number 4. The vertical lines indicate the start and end of net contact with the sea floor.

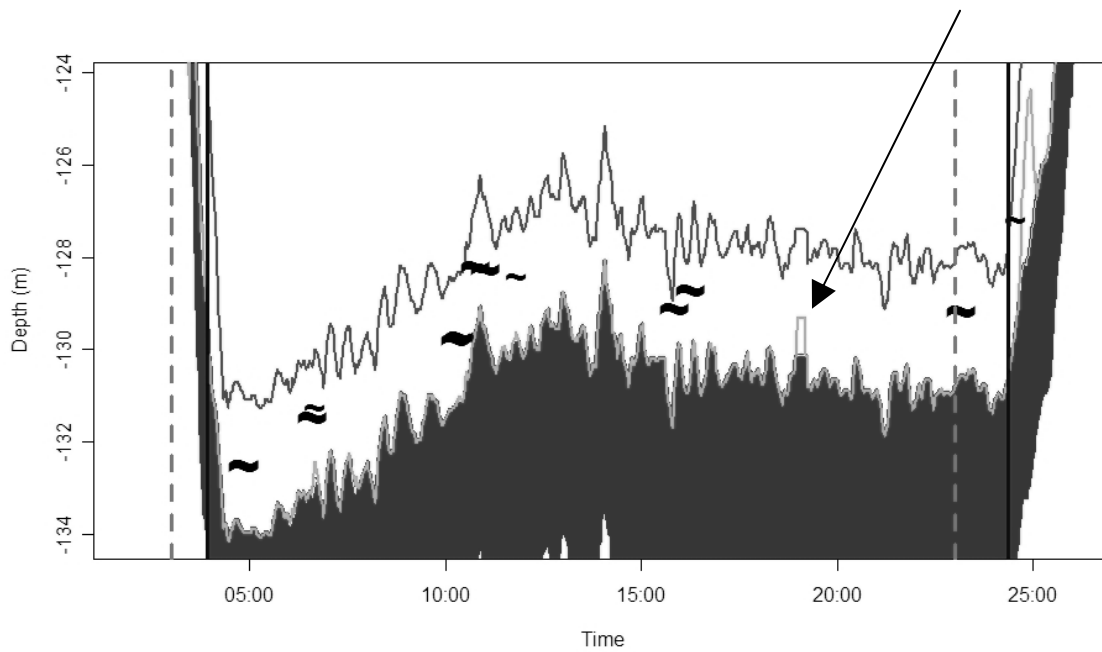


Figure 13. Example plot of net sensor data. The solid dark area at the bottom represents the sea floor. The light grey line directly above that represents the net footrope (note the region indicated by the arrow, showing where the net has risen off the sea floor for a brief period). The top line indicates the net headrope. The symbols between the headrope and the footrope indicate where fish have entered the net.

APPENDIX A: BRIDGE LOG

| Tow | Date | Time | Latitude | Longitude | Depth (m) | Duration (min) | Speed (km/h) | Warp (m) | Catch (kg) | Usable? |
|-----|--------|-------|----------|-----------|-----------|----------------|--------------|----------|------------|---------|
| 1 | Jul 06 | 19:47 | 51.0358 | 127.9763 | 144 | 21 | 5.4 | 457 | 1645.4 | Yes |
| 2 | Jul 06 | 21:14 | 51.0538 | 128.0532 | 154 | 22 | 5.3 | 457 | 721.4 | Yes |
| 3 | Jul 07 | 06:06 | 51.7747 | 128.8118 | 66 | 24 | 5.2 | 274 | 95.7 | Yes |
| 4 | Jul 07 | 07:20 | 51.7733 | 128.7240 | 73 | 22 | 5.4 | 320 | 95.4 | Yes |
| 5 | Jul 07 | 08:02 | 51.7927 | 128.7247 | 73 | 21 | 6.2 | 320 | 95.9 | Yes |
| 6 | Jul 07 | 09:14 | 51.8465 | 128.7003 | 123 | 22 | 4.9 | 412 | 563.6 | Yes |
| 7 | Jul 07 | 11:54 | 51.8957 | 128.6037 | 134 | 19 | 6.0 | 366 | 142.9 | Yes |
| 8 | Jul 07 | 12:58 | 51.9225 | 128.7060 | 146 | 20 | 5.4 | 457 | 449.4 | Yes |
| 9 | Jul 07 | 14:18 | 52.0087 | 128.7450 | 174 | 22 | 5.6 | 457 | 421.5 | Yes |
| 10 | Jul 07 | 15:13 | 52.0292 | 128.7142 | 181 | 21 | 5.8 | 457 | 488.3 | Yes |
| 11 | Jul 07 | 16:56 | 52.0288 | 128.6045 | 150 | 21 | 5.2 | 366 | 146.3 | Yes |
| 12 | Jul 07 | 18:55 | 52.0755 | 128.5943 | 157 | 23 | 5.7 | 494 | 1815.8 | Yes |
| 13 | Jul 07 | 20:17 | 52.1475 | 128.6470 | 214 | 20 | 5.8 | 585 | 71.5 | Yes |
| 14 | Jul 07 | 21:33 | 52.1238 | 128.7913 | 199 | 24 | 5.9 | 567 | 225.2 | Yes |
| 15 | Jul 08 | 06:38 | 52.2385 | 128.7927 | 216 | 23 | 5.3 | 567 | 90.0 | Yes |
| 16 | Jul 08 | 09:08 | 52.1687 | 129.0540 | 141 | 20 | 5.2 | 402 | 124.7 | Yes |
| 17 | Jul 08 | 10:45 | 52.1998 | 129.1102 | 159 | 22 | 5.8 | 402 | 45.2 | Yes |
| 18 | Jul 08 | 11:55 | 52.2033 | 129.1848 | 159 | 21 | 5.6 | 402 | 48.1 | Yes |
| 19 | Jul 08 | 13:44 | 52.2698 | 129.2428 | 176 | 22 | 6.0 | 512 | 122.0 | Yes |
| 20 | Jul 08 | 15:35 | 52.3768 | 129.1057 | 161 | 21 | 5.4 | 402 | 207.3 | Yes |
| 21 | Jul 08 | 19:01 | 52.5810 | 129.3123 | 104 | 20 | 5.7 | 274 | 545.3 | Yes |
| 22 | Jul 08 | 21:13 | 52.5227 | 129.1905 | 137 | 20 | 5.4 | 384 | 418.3 | Yes |
| 23 | Jul 09 | 08:51 | 52.5455 | 129.7057 | 150 | 20 | 5.7 | 439 | 84.1 | Yes |
| 24 | Jul 09 | 10:34 | 52.5780 | 129.7342 | 144 | 19 | 5.7 | 439 | 88.7 | Yes |
| 25 | Jul 09 | 13:08 | 52.6740 | 129.8653 | 247 | 21 | 5.5 | 640 | 141.4 | Yes |
| 26 | Jul 09 | 14:10 | 52.6683 | 129.9380 | 260 | 20 | 5.4 | 640 | 128.7 | Yes |
| 27 | Jul 09 | 15:09 | 52.6402 | 130.0018 | 265 | 20 | 4.9 | 640 | 206.0 | Yes |
| 28 | Jul 09 | 16:10 | 52.6255 | 130.0585 | 269 | 19 | 4.8 | 640 | 181.7 | Yes |
| 29 | Jul 09 | 17:42 | 52.5140 | 129.9982 | 267 | 22 | 4.6 | 640 | 65.4 | Yes |
| 30 | Jul 09 | 18:45 | 52.4618 | 129.9983 | 254 | 24 | 4.8 | 640 | 137.3 | Yes |
| 31 | Jul 09 | 20:10 | 52.3748 | 130.0517 | 271 | 21 | 5.0 | 640 | 90.0 | Yes |
| 32 | Jul 09 | 22:03 | 52.2828 | 129.9078 | 117 | 20 | 6.0 | 329 | 71.9 | Yes |
| 33 | Jul 10 | 07:35 | 52.3670 | 129.3188 | 101 | 3 | 6.2 | 274 | 14.9 | No |
| 34 | Jul 10 | 08:20 | 52.3640 | 129.3135 | 102 | 8 | 5.7 | 256 | 28.5 | No |
| 35 | Jul 10 | 10:50 | 52.3785 | 129.5693 | 179 | 20 | 5.8 | 476 | 166.6 | Yes |
| 36 | Jul 10 | 12:01 | 52.3362 | 129.5413 | 185 | 21 | 6.2 | 512 | 68.5 | Yes |
| 37 | Jul 10 | 13:15 | 52.2428 | 129.5805 | 214 | 20 | 5.5 | 549 | 137.3 | Yes |
| 38 | Jul 10 | 14:25 | 52.1598 | 129.5778 | 218 | 20 | 5.8 | 567 | 232.3 | Yes |
| 39 | Jul 10 | 16:54 | 52.1363 | 129.3603 | 174 | 19 | 5.7 | 457 | 31.7 | Yes |
| 40 | Jul 10 | 17:55 | 52.0902 | 129.3030 | 165 | 20 | 5.6 | 457 | 110.2 | Yes |
| 41 | Jul 10 | 19:17 | 52.1167 | 129.2090 | 166 | 20 | 5.2 | 421 | 75.7 | Yes |
| 42 | Jul 10 | 20:49 | 52.0407 | 129.2070 | 170 | 21 | 4.9 | 421 | 133.0 | Yes |
| 43 | Jul 11 | 05:54 | 52.0225 | 129.0922 | 166 | 2 | 5.0 | 439 | 17.8 | No |
| 44 | Jul 11 | 06:39 | 52.0192 | 129.1053 | 168 | 19 | 4.8 | 439 | 139.2 | Yes |
| 45 | Jul 11 | 07:42 | 51.9798 | 129.1245 | 185 | 20 | 5.4 | 549 | 2479.2 | Yes |
| 46 | Jul 11 | 09:07 | 51.9297 | 129.1075 | 128 | 20 | 5.2 | 384 | 184.3 | Yes |
| 47 | Jul 11 | 10:14 | 51.8707 | 129.1132 | 123 | 22 | 5.3 | 384 | 332.2 | Yes |

| Tow | Date | Time | Latitude | Longitude | Depth (m) | Duration (min) | Speed (km/h) | Warp (m) | Catch (kg) | Usable? |
|-----|--------|-------|----------|-----------|-----------|----------------|--------------|----------|------------|---------|
| 48 | Jul 11 | 11:18 | 51.8973 | 129.1818 | 121 | 21 | 5.6 | 338 | 139.9 | Yes |
| 49 | Jul 11 | 12:19 | 51.9580 | 129.2260 | 181 | 21 | 5.8 | 549 | 270.2 | Yes |
| 50 | Jul 11 | 13:31 | 51.9260 | 129.2207 | 183 | 23 | 4.8 | 604 | 236.2 | Yes |
| 51 | Jul 11 | 14:38 | 51.8902 | 129.2558 | 166 | 24 | 4.9 | 530 | 833.9 | Yes |
| 52 | Jul 12 | 06:08 | 51.7070 | 128.3873 | 144 | 24 | 5.5 | 439 | 376.0 | Yes |
| 53 | Jul 12 | 07:30 | 51.7548 | 128.5287 | 146 | 21 | 5.9 | 439 | 405.6 | Yes |
| 54 | Jul 12 | 09:05 | 51.6972 | 128.6325 | 37 | 22 | 6.5 | 183 | 107.2 | Yes |
| 55 | Jul 12 | 11:32 | 51.5500 | 128.2870 | 152 | 20 | 6.0 | 439 | 321.0 | Yes |
| 56 | Jul 12 | 12:44 | 51.5055 | 128.3860 | 177 | 25 | 5.5 | 549 | 894.8 | Yes |
| 57 | Jul 12 | 14:12 | 51.5197 | 128.4898 | 188 | 21 | 6.0 | 549 | 385.5 | Yes |
| 58 | Jul 12 | 15:21 | 51.5633 | 128.4988 | 172 | 21 | 5.5 | 512 | 505.5 | Yes |
| 59 | Jul 12 | 17:02 | 51.4223 | 128.6433 | 212 | 20 | 5.4 | 567 | 546.4 | Yes |
| 60 | Jul 12 | 18:03 | 51.4058 | 128.7090 | 218 | 22 | 5.1 | 640 | 458.4 | Yes |
| 61 | Jul 12 | 19:33 | 51.2515 | 128.7255 | 198 | 5 | 7.3 | 567 | 494.5 | No |
| 62 | Jul 12 | 20:23 | 51.2453 | 128.7125 | 194 | 21 | 5.4 | 567 | 1620.1 | Yes |
| 63 | Jul 13 | 06:18 | 51.4297 | 128.0792 | 123 | 21 | 6.3 | 384 | 337.3 | Yes |
| 64 | Jul 13 | 09:15 | 51.2862 | 128.3753 | 95 | 21 | 5.9 | 320 | 170.7 | Yes |
| 65 | Jul 13 | 11:48 | 51.2300 | 127.9950 | 93 | 20 | 6.2 | 302 | 171.4 | Yes |
| 66 | Jul 13 | 12:44 | 51.2112 | 128.0245 | 80 | 21 | 5.8 | 220 | 125.8 | Yes |
| 67 | Jul 13 | 15:05 | 51.1543 | 128.1472 | 108 | 18 | 6.0 | 293 | 163.5 | No |
| 68 | Jul 13 | 17:56 | 51.1660 | 127.8652 | 112 | 21 | 5.5 | 329 | 1152.7 | Yes |
| 69 | Jul 15 | 06:06 | 51.4343 | 129.1692 | 85 | 20 | 6.4 | 302 | 482.6 | Yes |
| 70 | Jul 15 | 07:44 | 51.4887 | 129.1853 | 46 | 21 | 6.3 | 201 | 676.7 | Yes |
| 71 | Jul 15 | 08:26 | 51.5402 | 129.1407 | 48 | 4 | 5.0 | 201 | 36.5 | No |
| 72 | Jul 15 | 09:06 | 51.5163 | 129.1462 | 49 | 12 | 7.2 | 201 | | No |
| 73 | Jul 15 | 10:36 | 51.5907 | 129.0315 | 44 | 21 | 6.8 | 201 | 425.8 | Yes |
| 74 | Jul 15 | 12:15 | 51.6288 | 129.0763 | 48 | 20 | 5.6 | 201 | 2231.6 | Yes |
| 75 | Jul 15 | 13:25 | 51.6967 | 128.9708 | 73 | 20 | 5.9 | 256 | 144.9 | Yes |
| 76 | Jul 15 | 14:36 | 51.7453 | 129.0308 | 95 | 19 | 6.0 | 311 | 64.2 | Yes |
| 77 | Jul 15 | 16:11 | 51.6778 | 129.2202 | 59 | 20 | 7.1 | 230 | 356.5 | Yes |
| 78 | Jul 15 | 17:06 | 51.5715 | 129.2935 | 57 | 3 | 4.5 | 210 | 13.4 | No |
| 79 | Jul 15 | 17:35 | 51.5793 | 129.2925 | 59 | 9 | 5.7 | 210 | 33.7 | No |
| 80 | Jul 15 | 18:08 | 51.5580 | 129.2380 | 48 | 3 | 4.3 | 210 | 20.6 | No |
| 81 | Jul 15 | 19:34 | 51.5352 | 129.0463 | 49 | 5 | 6.2 | 201 | 61.5 | No |
| 82 | Jul 16 | 06:13 | 52.2117 | 130.1208 | 271 | 27 | 6.6 | 735 | 43.8 | Yes |
| 83 | Jul 16 | 07:25 | 52.2810 | 130.0780 | 245 | 20 | 6.6 | 732 | 776.0 | Yes |
| 84 | Jul 16 | 09:28 | 52.2647 | 130.2870 | 384 | 22 | 6.2 | 1006 | 556.7 | Yes |
| 85 | Jul 16 | 11:08 | 52.2427 | 130.3448 | 384 | 26 | 7.9 | 1006 | 353.0 | Yes |
| 86 | Jul 16 | 13:51 | 52.4430 | 130.2180 | 322 | 21 | 7.9 | 914 | 107.3 | Yes |
| 87 | Jul 16 | 15:03 | 52.4285 | 130.1965 | 329 | 27 | 8.2 | 925 | 234.2 | Yes |
| 88 | Jul 16 | 16:12 | 52.4313 | 130.2273 | 329 | 20 | 5.3 | 914 | 198.4 | Yes |
| 89 | Jul 16 | 17:23 | 52.5068 | 130.2412 | 300 | 22 | 5.1 | 914 | 269.0 | Yes |
| 90 | Jul 16 | 19:30 | 52.6607 | 130.1828 | 251 | 19 | 6.0 | 695 | 443.8 | Yes |
| 91 | Jul 16 | 21:30 | 52.6100 | 130.3792 | 172 | 19 | 6.6 | 549 | 1211.9 | Yes |
| 92 | Jul 17 | 06:08 | 52.6697 | 130.5445 | 143 | 21 | 6.0 | 439 | 154.7 | Yes |
| 93 | Jul 17 | 09:37 | 52.5982 | 131.0645 | 119 | 17 | 6.1 | 329 | 18.7 | Yes |
| 94 | Jul 17 | 10:43 | 52.5543 | 131.1080 | 141 | 19 | 5.8 | 439 | 126.6 | Yes |
| 95 | Jul 17 | 12:33 | 52.5510 | 131.2155 | 157 | 19 | 5.5 | 457 | 445.2 | Yes |
| 96 | Jul 17 | 13:26 | 52.5387 | 131.1885 | 168 | 20 | 5.4 | 503 | 355.5 | Yes |
| 97 | Jul 17 | 15:40 | 52.6583 | 131.1460 | 88 | 19 | 6.2 | 274 | 44.5 | Yes |

| Tow | Date | Time | Latitude | Longitude | Depth (m) | Duration (min) | Speed (km/h) | Warp (m) | Catch (kg) | Usable? |
|-----|--------|-------|----------|-----------|-----------|----------------|--------------|----------|------------|---------|
| 98 | Jul 17 | 16:32 | 52.6273 | 131.2017 | 79 | 19 | 6.6 | 320 | 222.3 | Yes |
| 99 | Jul 17 | 18:40 | 52.4813 | 131.0445 | 117 | 19 | 6.5 | 366 | 49.6 | Yes |
| 100 | Jul 17 | 19:59 | 52.4853 | 130.9400 | 106 | 19 | 5.8 | 329 | 5.3 | Yes |
| 101 | Jul 17 | 20:45 | 52.4645 | 130.9260 | 106 | 21 | 5.6 | 366 | 47.0 | Yes |
| 102 | Jul 18 | 06:02 | 52.4685 | 130.7505 | 132 | 20 | 6.9 | 412 | 84.8 | Yes |
| 103 | Jul 18 | 07:15 | 52.4230 | 130.7365 | 110 | 19 | 7.0 | 366 | 19.3 | Yes |
| 104 | Jul 18 | 08:37 | 52.4023 | 130.6195 | 132 | 20 | 5.9 | 457 | 54.0 | Yes |
| 105 | Jul 18 | 10:13 | 52.3890 | 130.4628 | 161 | 21 | 6.3 | 503 | 807.3 | Yes |
| 106 | Jul 18 | 12:32 | 52.2087 | 130.4238 | 331 | 21 | 5.2 | 914 | 106.6 | Yes |
| 107 | Jul 18 | 14:09 | 52.1605 | 130.2963 | 415 | 20 | 5.7 | 1006 | 302.4 | Yes |
| 108 | Jul 18 | 15:35 | 52.1747 | 130.1683 | 304 | 20 | 6.1 | 869 | 51.6 | Yes |
| 109 | Jul 18 | 16:45 | 52.1567 | 130.1375 | 267 | 20 | 5.3 | 732 | 93.7 | Yes |
| 110 | Jul 18 | 18:00 | 52.1100 | 130.1923 | 294 | 21 | 5.8 | 823 | 72.6 | Yes |
| 111 | Jul 18 | 19:03 | 52.0833 | 130.1553 | 249 | 20 | 5.5 | 732 | 153.0 | Yes |
| 112 | Jul 18 | 20:55 | 52.0973 | 129.8987 | 121 | 19 | 6.4 | 412 | 28.4 | Yes |
| 113 | Jul 19 | 05:48 | 52.2765 | 129.9323 | 112 | 9 | 5.4 | 412 | 30.1 | No |
| 114 | Jul 19 | 07:47 | 52.2085 | 129.9563 | 141 | 20 | 6.3 | 439 | 22.4 | Yes |
| 115 | Jul 19 | 10:23 | 52.1077 | 129.8060 | 150 | 22 | 6.2 | 466 | 60.5 | Yes |
| 116 | Jul 19 | 11:18 | 52.0867 | 129.7798 | 108 | 20 | 6.1 | 366 | 23.4 | Yes |
| 117 | Jul 19 | 12:19 | 52.0842 | 129.8882 | 124 | 21 | 5.6 | 457 | 31.0 | Yes |
| 118 | Jul 19 | 13:21 | 52.0517 | 129.9793 | 130 | 21 | 5.6 | 457 | 24.0 | Yes |
| 119 | Jul 19 | 14:19 | 51.9985 | 129.9632 | 130 | 21 | 6.0 | 457 | 9.2 | Yes |
| 120 | Jul 19 | 15:28 | 51.9928 | 129.8487 | 121 | 20 | 6.3 | 366 | 236.8 | Yes |
| 121 | Jul 19 | 16:03 | 51.9822 | 129.8193 | 119 | 4 | 6.3 | 366 | 11.6 | No |
| 122 | Jul 19 | 16:52 | 51.9950 | 129.7618 | 119 | 2 | 6.6 | 366 | | No |
| 123 | Jul 19 | 17:30 | 51.9810 | 129.7575 | 123 | 19 | 7.1 | 366 | 776.0 | Yes |
| 124 | Jul 19 | 18:32 | 51.9827 | 129.7628 | 121 | 20 | 6.0 | 366 | 19.8 | Yes |
| 125 | Jul 19 | 19:14 | 51.9993 | 129.8013 | 115 | 20 | 6.8 | 366 | 59.1 | Yes |
| 126 | Jul 19 | 20:42 | 51.9073 | 129.7292 | 135 | 20 | 5.9 | 457 | 688.7 | Yes |
| 127 | Jul 20 | 06:16 | 51.8545 | 129.3140 | 150 | 23 | 6.0 | 503 | 563.8 | Yes |
| 128 | Jul 20 | 07:44 | 51.7960 | 129.4820 | 218 | 22 | 6.5 | 658 | 845.8 | Yes |
| 129 | Jul 20 | 09:08 | 51.8312 | 129.6070 | 280 | 22 | 5.7 | 777 | 677.3 | Yes |
| 130 | Jul 20 | 10:11 | 51.8752 | 129.5992 | 249 | 20 | 6.4 | 732 | 396.0 | Yes |
| 131 | Jul 20 | 11:46 | 51.8385 | 129.7427 | 269 | 20 | 7.5 | 777 | 361.0 | Yes |
| 132 | Jul 20 | 13:40 | 51.7485 | 129.6147 | 251 | 21 | 4.0 | 732 | 675.2 | Yes |
| 133 | Jul 20 | 15:03 | 51.6973 | 129.5115 | 101 | 20 | 6.3 | 366 | 72.9 | Yes |
| 134 | Jul 20 | 15:50 | 51.6788 | 129.4667 | 84 | 21 | 6.9 | 366 | 275.1 | Yes |
| 135 | Jul 20 | 16:43 | 51.6977 | 129.4205 | 77 | 19 | 6.5 | 320 | 182.8 | Yes |
| 136 | Jul 20 | 17:54 | 51.6472 | 129.3322 | 53 | 20 | 6.7 | 229 | 12465.4 | Yes |
| 137 | Jul 20 | 20:04 | 51.6913 | 129.0722 | 75 | 21 | 6.7 | 320 | 64.7 | Yes |
| 138 | Jul 20 | 21:25 | 51.5478 | 129.0590 | 46 | 15 | 6.5 | 229 | 295.2 | Yes |
| 139 | Jul 21 | 06:10 | 51.4233 | 129.1055 | 130 | 21 | 5.1 | 412 | 564.1 | Yes |
| 140 | Jul 21 | 08:08 | 51.3297 | 129.4232 | 214 | 22 | 5.8 | 640 | 938.1 | Yes |
| 141 | Jul 21 | 09:33 | 51.2923 | 129.5080 | 249 | 22 | 5.5 | 640 | 494.0 | Yes |
| 142 | Jul 21 | 10:57 | 51.3605 | 129.4745 | 172 | 20 | 6.2 | 503 | 168.2 | Yes |
| 143 | Jul 21 | 12:52 | 51.2188 | 129.4992 | 291 | 21 | 6.3 | 777 | 442.6 | Yes |
| 144 | Jul 21 | 13:57 | 51.2552 | 129.4135 | 291 | 22 | 5.9 | 823 | 747.7 | Yes |
| 145 | Jul 21 | 15:12 | 51.2105 | 129.2987 | 294 | 17 | 5.3 | 777 | 505.3 | No |
| 146 | Jul 21 | 17:39 | 51.1593 | 128.9535 | 126 | 20 | 6.0 | 457 | 74.4 | Yes |
| 147 | Jul 21 | 18:23 | 51.1755 | 128.9243 | 126 | 21 | 6.3 | 457 | 179.0 | Yes |

| Tow | Date | Time | Latitude | Longitude | Depth (m) | Duration (min) | Speed (km/h) | Warp (m) | Catch (kg) | Usable? |
|-----|--------|-------|----------|-----------|-----------|----------------|--------------|----------|------------|---------|
| 148 | Jul 21 | 19:25 | 51.1777 | 128.8300 | 128 | 21 | 5.8 | 412 | 430.0 | No |
| 149 | Jul 21 | 20:08 | 51.1932 | 128.8367 | 137 | 21 | 6.3 | 412 | 129.2 | Yes |
| 150 | Jul 21 | 20:56 | 51.1633 | 128.8143 | 108 | 19 | 5.3 | 320 | 49.1 | Yes |
| 151 | Jul 22 | 06:05 | 51.1180 | 128.6438 | 115 | 21 | 5.9 | | 1692.0 | Yes |
| 152 | Jul 22 | 07:08 | 51.1235 | 128.6030 | 130 | 19 | 6.1 | 402 | 1521.9 | Yes |
| 153 | Jul 22 | 08:28 | 51.0993 | 128.4512 | 157 | 20 | 6.0 | 503 | 573.2 | Yes |
| 154 | Jul 22 | 09:38 | 51.1070 | 128.3625 | 181 | 21 | 6.3 | 549 | 382.8 | Yes |
| 155 | Jul 22 | 11:14 | 51.1373 | 128.2937 | 172 | 20 | 6.1 | 503 | 528.2 | Yes |
| 156 | Jul 22 | 12:47 | 51.2222 | 128.3300 | 115 | 11 | 5.6 | 338 | 86.1 | No |
| 157 | Jul 22 | 14:28 | 51.0843 | 128.2153 | 163 | 21 | 6.1 | 503 | 885.8 | Yes |
| 158 | Jul 22 | 16:09 | 51.0447 | 128.3853 | 119 | 21 | 6.8 | 384 | 443.2 | Yes |
| 159 | Jul 22 | 17:46 | 50.9582 | 128.2968 | 84 | 22 | 6.4 | 366 | 379.9 | Yes |
| 160 | Jul 24 | 06:11 | 51.0067 | 128.5487 | 83 | 21 | 6.0 | 338 | 281.1 | Yes |
| 161 | Jul 24 | 07:33 | 51.0143 | 128.6475 | 68 | 22 | 5.6 | 274 | 350.1 | Yes |
| 162 | Jul 24 | 08:16 | 51.0285 | 128.6825 | 65 | 21 | 6.3 | 284 | 59.9 | Yes |
| 163 | Jul 24 | 09:56 | 51.0875 | 128.8492 | 71 | 20 | 5.4 | 274 | 505.3 | Yes |
| 164 | Jul 24 | 12:09 | 51.0772 | 128.8930 | 76 | 12 | 5.0 | 274 | 60.5 | No |
| 165 | Jul 24 | 13:22 | 51.1238 | 128.9550 | 110 | 21 | 5.4 | 366 | 153.4 | Yes |
| 166 | Jul 24 | 15:26 | 51.2568 | 128.9283 | 209 | 23 | 5.0 | 622 | 384.1 | Yes |
| 167 | Jul 24 | 16:24 | 51.2573 | 128.9862 | 210 | 21 | 5.4 | 622 | 306.0 | Yes |
| 168 | Jul 24 | 17:35 | 51.2748 | 128.9615 | 220 | 21 | 6.2 | 622 | 742.8 | Yes |
| 169 | Jul 24 | 21:11 | 51.3498 | 128.2185 | 115 | 20 | 5.9 | 338 | 236.4 | Yes |
| 170 | Jul 25 | 06:21 | 51.2072 | 129.2677 | 293 | 23 | 5.4 | 777 | 859.9 | Yes |
| 171 | Jul 25 | 08:57 | 51.0293 | 129.2820 | 169 | 21 | 6.4 | 494 | 519.3 | Yes |
| 172 | Jul 25 | 10:19 | 50.9853 | 129.3755 | 187 | 20 | 5.1 | 503 | 345.0 | Yes |
| 173 | Jul 25 | 11:23 | 50.9668 | 129.3688 | 182 | 22 | 5.1 | 503 | 264.7 | Yes |
| 174 | Jul 25 | 13:03 | 50.9583 | 129.2482 | 143 | 20 | 5.8 | 439 | 165.7 | Yes |
| 175 | Jul 25 | 14:44 | 50.9375 | 129.3817 | 178 | 9 | 5.7 | 457 | 52.4 | No |
| 176 | Jul 25 | 19:23 | 51.0128 | 129.3527 | 187 | 21 | 5.4 | 503 | 644.1 | Yes |
| 177 | Jul 25 | 21:06 | 51.0992 | 129.2662 | 182 | 19 | 5.6 | 457 | 1867.0 | Yes |
| 178 | Jul 26 | 06:08 | 51.0452 | 129.1390 | 136 | 17 | 5.7 | 412 | 126.0 | Yes |
| 179 | Jul 26 | 07:46 | 50.9540 | 129.0775 | 90 | 20 | 5.7 | 320 | 196.4 | Yes |
| 180 | Jul 26 | 09:31 | 50.8908 | 129.0378 | 57 | 21 | 5.2 | 229 | 30.2 | Yes |
| 181 | Jul 26 | 10:17 | 50.9238 | 128.9827 | 60 | 21 | 5.0 | 229 | 16.9 | Yes |
| 182 | Jul 26 | 11:02 | 50.9193 | 128.9037 | 81 | 17 | 5.2 | 320 | 187.7 | Yes |
| 183 | Jul 26 | 12:28 | 50.9553 | 128.8183 | 71 | 4 | 7.5 | 293 | | No |
| 184 | Jul 28 | 06:21 | 51.0373 | 128.5385 | 93 | 22 | 4.9 | 366 | 297.0 | Yes |
| 185 | Jul 28 | 07:19 | 51.0870 | 128.5892 | 107 | 19 | 4.9 | 329 | 426.0 | Yes |
| 186 | Jul 28 | 09:28 | 50.9422 | 128.6592 | 70 | 22 | 5.6 | 274 | 56.9 | Yes |
| 187 | Jul 28 | 10:37 | 50.9752 | 128.7282 | 75 | 21 | 5.4 | 274 | 88.0 | Yes |
| 188 | Jul 28 | 11:42 | 50.9862 | 128.7278 | 71 | 20 | 6.2 | 274 | 37.9 | Yes |
| 189 | Jul 28 | 14:58 | 51.1422 | 129.2810 | 217 | 20 | 4.4 | 594 | 539.2 | Yes |
| 190 | Jul 28 | 17:35 | 51.1740 | 129.5692 | 281 | 10 | 4.6 | 732 | | No |
| 191 | Jul 28 | 20:03 | 51.2722 | 129.5045 | 260 | 21 | 5.2 | 640 | 447.1 | Yes |
| 192 | Jul 29 | 06:21 | 52.2205 | 130.5738 | 182 | 17 | 4.9 | 457 | 19.1 | No |
| 193 | Jul 29 | 07:30 | 52.2362 | 130.5303 | 180 | 20 | 6.1 | 457 | 330.7 | Yes |
| 194 | Jul 29 | 09:16 | 52.2505 | 130.7820 | 177 | 20 | 5.1 | 457 | 181.6 | Yes |
| 195 | Jul 29 | 10:13 | 52.2280 | 130.8137 | 185 | 19 | 5.6 | 457 | 348.4 | Yes |
| 196 | Jul 29 | 11:28 | 52.2622 | 130.8417 | 179 | 20 | 5.8 | 457 | 505.3 | Yes |
| 197 | Jul 29 | 12:33 | 52.2920 | 130.8342 | 170 | 21 | 5.2 | 457 | 200.7 | Yes |

| Tow | Date | Time | Latitude | Longitude | Depth (m) | Duration (min) | Speed (km/h) | Warp (m) | Catch (kg) | Usable? |
|-----|--------|-------|----------|-----------|-----------|----------------|--------------|----------|------------|---------|
| 198 | Jul 29 | 13:38 | 52.3010 | 130.8312 | 158 | 18 | 5.6 | 412 | 239.4 | Yes |
| 199 | Jul 29 | 14:33 | 52.3527 | 130.8227 | 134 | 22 | 5.4 | 412 | 51.8 | Yes |
| 200 | Jul 29 | 15:22 | 52.3667 | 130.8907 | 133 | 20 | 6.1 | 412 | 374.0 | Yes |
| 201 | Jul 29 | 16:38 | 52.4205 | 130.8733 | 115 | 19 | 5.7 | 366 | 231.1 | Yes |
| 202 | Jul 29 | 19:24 | 52.4108 | 131.0112 | 116 | 20 | 5.4 | 366 | 55.6 | Yes |
| 203 | Jul 29 | 20:36 | 52.4187 | 130.9088 | 111 | 21 | 6.0 | 366 | 275.2 | Yes |
| 204 | Jul 30 | 06:29 | 52.3787 | 131.0167 | 123 | 19 | 5.3 | 366 | 412.8 | Yes |
| 205 | Jul 30 | 07:50 | 52.2678 | 130.9595 | 165 | 20 | 5.2 | 457 | 661.8 | Yes |
| 206 | Jul 30 | 08:55 | 52.2597 | 130.8872 | 188 | 21 | 5.4 | 476 | 496.6 | Yes |
| 207 | Jul 30 | 10:16 | 52.2008 | 130.8997 | 207 | 19 | 4.6 | 622 | 834.9 | Yes |
| 208 | Jul 30 | 13:29 | 52.0310 | 131.2733 | 238 | 18 | 5.3 | 658 | 356.5 | Yes |
| 209 | Jul 30 | 14:36 | 52.0253 | 131.3143 | 305 | 21 | 5.2 | 823 | 485.2 | Yes |
| 210 | Jul 30 | 18:43 | 51.9943 | 130.7238 | 268 | 21 | 5.8 | 732 | 269.5 | Yes |
| 211 | Jul 30 | 19:59 | 52.0528 | 130.6867 | 262 | 21 | 5.7 | 732 | 265.8 | Yes |
| 212 | Jul 30 | 21:20 | 52.0837 | 130.5860 | 215 | 23 | 6.2 | 604 | 215.2 | Yes |
| 213 | Jul 31 | 06:26 | 51.6893 | 129.8630 | 332 | 19 | 5.8 | 823 | 151.2 | Yes |
| 214 | Jul 31 | 07:32 | 51.6368 | 129.8492 | 274 | 23 | 5.2 | 777 | 889.9 | Yes |
| 215 | Jul 31 | 09:39 | 51.6342 | 129.9358 | 225 | 21 | 4.7 | 823 | 254.9 | Yes |
| 216 | Jul 31 | 11:12 | 51.6260 | 130.0278 | 343 | 22 | 4.8 | 869 | 319.3 | Yes |
| 217 | Jul 31 | 15:21 | 51.2432 | 129.9433 | 327 | 18 | 4.9 | 732 | 1132.5 | Yes |
| 218 | Jul 31 | 17:12 | 51.2190 | 129.9270 | 323 | 2 | | 768 | 7.2 | No |
| 219 | Aug 02 | 06:25 | 51.2298 | 129.9587 | 318 | 20 | 5.5 | 823 | 730.7 | Yes |
| 220 | Aug 02 | 07:53 | 51.2077 | 129.9138 | 429 | 20 | 5.0 | 914 | 335.8 | Yes |
| 221 | Aug 02 | 09:17 | 51.2178 | 130.0178 | 480 | 21 | 4.9 | 988 | 205.0 | Yes |
| 222 | Aug 02 | 10:25 | 51.2457 | 130.0247 | 438 | 21 | 5.0 | 988 | 544.3 | Yes |
| 223 | Aug 02 | 11:31 | 51.2797 | 130.0525 | 411 | 12 | 5.3 | 988 | 314.5 | No |
| 224 | Aug 02 | 12:31 | 51.2852 | 130.0572 | 401 | 22 | 5.0 | 914 | 655.7 | Yes |
| 225 | Aug 02 | 14:07 | 51.3518 | 130.0425 | 301 | 22 | 5.4 | 777 | 745.0 | Yes |
| 226 | Aug 02 | 15:10 | 51.3868 | 130.0138 | 317 | 19 | 5.7 | 777 | 1212.5 | Yes |
| 227 | Aug 02 | 17:07 | 51.4612 | 129.9172 | 238 | 19 | 4.8 | 594 | 332.3 | Yes |
| 228 | Aug 02 | 20:29 | 51.5163 | 130.1797 | 439 | 19 | 5.2 | 914 | 261.6 | Yes |
| 229 | Aug 03 | 06:40 | 51.8843 | 129.8635 | 144 | 20 | 5.9 | 412 | 296.0 | Yes |
| 230 | Aug 03 | 08:16 | 51.9413 | 129.9077 | 128 | 14 | 5.7 | 366 | 69.5 | No |
| 231 | Aug 03 | 09:28 | 51.9345 | 129.8983 | 127 | 7 | 4.6 | 366 | 46.0 | No |
| 232 | Aug 03 | 11:46 | 52.0022 | 130.1377 | 155 | 19 | 6.6 | 384 | 55.9 | Yes |
| 233 | Aug 03 | 12:16 | 52.0327 | 130.1547 | 158 | 5 | 3.9 | 412 | | No |
| 234 | Aug 03 | 13:01 | 52.0353 | 130.1555 | 162 | 19 | 4.6 | 457 | 226.6 | Yes |
| 235 | Aug 03 | 15:57 | 51.9612 | 130.2225 | 188 | 20 | 5.0 | 457 | 157.9 | Yes |
| 236 | Aug 03 | 16:41 | 51.9398 | 130.2253 | 197 | 19 | 5.5 | 457 | 41.2 | Yes |
| 237 | Aug 03 | 17:47 | 51.8913 | 130.2268 | 199 | 8 | 4.6 | 457 | 14.4 | No |
| 238 | Aug 03 | 19:08 | 51.8963 | 130.3450 | 221 | 19 | 5.8 | 503 | 229.8 | Yes |
| 239 | Aug 03 | 20:44 | 51.9623 | 130.4680 | 434 | 20 | 4.7 | 914 | 426.2 | Yes |
| 240 | Aug 04 | 06:13 | 52.1275 | 130.5952 | 203 | 1 | 7.3 | 503 | 1.0 | No |
| 241 | Aug 04 | 07:56 | 51.9798 | 130.5983 | 288 | 20 | 6.2 | 732 | 148.0 | Yes |
| 242 | Aug 04 | 09:13 | 51.9235 | 130.6357 | 281 | 19 | 5.2 | 732 | 640.0 | Yes |
| 243 | Aug 04 | 10:09 | 51.9075 | 130.6823 | 338 | 12 | 6.2 | 777 | 221.6 | No |
| 244 | Aug 04 | 11:19 | 51.8988 | 130.6775 | 343 | 19 | 5.9 | 777 | 578.3 | Yes |
| 245 | Aug 04 | 13:09 | 51.7975 | 130.7235 | 290 | 10 | 6.1 | 750 | 291.1 | No |
| 246 | Aug 04 | 14:21 | 51.8345 | 130.6390 | 294 | 22 | 4.6 | 732 | 4585.0 | Yes |
| 247 | Aug 04 | 16:46 | 51.7015 | 130.7518 | 285 | 19 | 5.7 | 768 | 1364.3 | Yes |

| Tow | Date | Time | Latitude | Longitude | Depth (m) | Duration (min) | Speed (km/h) | Warp (m) | Catch (kg) | Usable? |
|------------|-------------|-------------|-----------------|------------------|----------------------|---------------------------|-------------------------|---------------------|-----------------------|----------------|
| 248 | Aug 04 | 18:24 | 51.8013 | 130.7055 | 300 | 17 | 5.8 | 750 | 1377.4 | Yes |
| 249 | Aug 04 | 20:36 | 51.8187 | 130.4713 | 272 | 15 | 6.0 | 686 | 463.0 | Yes |
| 250 | Aug 05 | 06:28 | 51.8847 | 129.8100 | 143 | 21 | 6.1 | 402 | 236.9 | Yes |
| 251 | Aug 05 | 07:41 | 51.8223 | 129.9257 | 155 | 11 | 6.7 | 366 | 1017.0 | Yes |
| 252 | Aug 05 | 09:17 | 51.7618 | 129.8487 | 336 | 20 | 4.9 | 777 | 154.9 | Yes |
| 253 | Aug 05 | 11:18 | 51.8252 | 130.0465 | 185 | 20 | 5.2 | 457 | 812.6 | Yes |
| 254 | Aug 05 | 12:44 | 51.7653 | 130.0263 | 212 | 19 | 5.5 | 512 | 5917.6 | Yes |
| 255 | Aug 05 | 15:29 | 51.6905 | 130.2298 | 238 | 6 | 4.8 | 640 | 386.2 | No |
| 256 | Aug 05 | 16:01 | 51.6818 | 130.2445 | | 1 | 6.2 | | 2.0 | No |
| 257 | Aug 05 | 16:47 | 51.6718 | 130.2477 | 311 | 19 | 5.0 | 732 | 1060.3 | Yes |
| 258 | Aug 05 | 19:02 | 51.6700 | 130.3978 | 285 | 20 | 5.6 | 686 | 564.1 | Yes |
| 259 | Aug 05 | 19:59 | 51.6315 | 130.4272 | 432 | 4 | 4.8 | 914 | 55.5 | No |
| 260 | Aug 05 | 20:56 | 51.6272 | 130.4377 | 443 | 15 | 4.9 | 869 | 200.2 | Yes |
| 261 | Aug 06 | 06:29 | 51.7352 | 130.0812 | 262 | 20 | 5.6 | 640 | 960.4 | Yes |
| 262 | Aug 06 | 07:37 | 51.6937 | 130.1193 | 315 | 19 | 6.3 | 732 | 414.3 | Yes |
| 263 | Aug 06 | 09:25 | 51.6023 | 129.9938 | 298 | 12 | 4.9 | 594 | 398.3 | No |
| 264 | Aug 06 | 10:18 | 51.6135 | 129.9920 | 329 | 19 | 4.7 | 640 | 144.2 | Yes |
| 265 | Aug 06 | 12:38 | 51.6747 | 129.7457 | 236 | 20 | 5.2 | 521 | 259.6 | Yes |
| 266 | Aug 06 | 14:23 | 51.7092 | 129.5932 | 148 | 20 | 6.2 | 366 | 826.7 | Yes |
| 267 | Aug 06 | 15:11 | 51.7383 | 129.5612 | 187 | 20 | 5.7 | 457 | 789.3 | Yes |
| 268 | Aug 06 | 16:15 | 51.7840 | 129.6137 | 267 | 19 | 4.9 | 640 | 429.5 | Yes |
| 269 | Aug 06 | 18:18 | 51.7817 | 129.4185 | 135 | 19 | 5.5 | 366 | 459.4 | Yes |
| 270 | Aug 06 | 19:25 | 51.7463 | 129.3300 | 99 | 21 | 5.9 | 366 | 104.8 | Yes |
| 271 | Aug 06 | 20:07 | 51.7443 | 129.3270 | 99 | 20 | 5.2 | 366 | 78.7 | No |
| 272 | Aug 07 | 06:34 | 51.4988 | 129.6733 | 154 | 19 | 5.2 | 366 | 352.2 | Yes |
| 273 | Aug 07 | 07:15 | 51.4597 | 129.6453 | 161 | 2 | 4.8 | 412 | 20.7 | No |
| 274 | Aug 07 | 08:53 | 51.3372 | 129.6808 | 203 | 19 | 4.6 | 503 | 774.4 | Yes |
| 275 | Aug 07 | 11:07 | 51.3693 | 129.3497 | 143 | 19 | 4.8 | 366 | 774.6 | Yes |
| 276 | Aug 07 | 12:28 | 51.2955 | 129.3502 | 278 | 21 | 5.5 | 686 | 468.6 | Yes |
| 277 | Aug 07 | 13:33 | 51.2992 | 129.2400 | 265 | 19 | 5.6 | 686 | 912.9 | Yes |

APPENDIX B: CATCH BY TOW

| Species | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------|----------------|---------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrow tooth flounder | 1433.17 | 444.60 | | | | 319.10 | 38.10 | 312.20 | 273.40 | 183.70 |
| Big skate | | | | | | 2.20 | | | | |
| Blackbelly eelpout | 0.11 | 6.00 | | | | | | 0.50 | 2.70 | 0.22 |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | 4.00 | | 2.70 | 3.30 |
| Curfin sole | | | 0.70 | 1.70 | 1.50 | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 95.26 | 109.00 | | | | 5.00 | 1.30 | 6.50 | 6.40 | 9.90 |
| English sole | 0.90 | 1.70 | 0.80 | 0.30 | | 9.80 | 17.40 | 21.40 | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | 18.51 | 25.70 | | | | | 0.30 | 23.40 | 25.50 | 7.20 |
| Greenstriped rockfish | 0.60 | 11.50 | | | | | | 2.50 | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | | 2.70 | 8.00 | | | | | 4.10 |
| Longnose skate | | | | | | 5.50 | | 1.40 | 6.70 | 6.50 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | 0.50 | | | | | 12.20 | 7.80 | | |
| Pacific hake | | | | | | | | | | 2.60 |
| Pacific halibut | | | 6.10 | 45.20 | 41.80 | | | | | |
| Pacific ocean perch | | 0.50 | | | | | | | | 24.10 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | 18.30 | 3.80 | 0.01 | 174.20 | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | 0.80 | | 1.70 | | 4.60 | 1.90 | | | 0.90 |
| Quillback rockfish | | | | | | | 0.80 | | | |
| Redbanded rockfish | | | | | | | 2.90 | | | 1.90 |
| Redstripe rockfish | | | | | | | 2.00 | | | |
| Rex sole | 64.11 | 85.90 | | 0.30 | | 18.20 | 4.30 | 12.40 | 5.80 | 2.80 |
| Rosethorn rockfish | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | 8.58 | 13.60 | | | | | | 10.10 | 2.20 | 1.60 |
| Sandpaper skate | | | | | | 0.90 | | | | |
| Sharpchin rockfish | | | | | | | | | | 0.70 |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | | |
| Silvergray rockfish | | 2.00 | | | | | 0.90 | | 57.90 | 187.80 |
| Slender sole | 1.58 | 1.40 | | | | | | 0.90 | 1.30 | 2.10 |
| Southern rock sole | | | 2.30 | 20.30 | 11.10 | | | | | |
| Spiny dogfish | | | 65.20 | 17.40 | 26.40 | 19.80 | 10.90 | 40.00 | 16.60 | 13.50 |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 2.17 | 6.20 | | | 7.10 | 1.50 | 13.90 | 4.70 | 7.30 | 5.90 |
| Walleye pollock | 19.19 | 7.80 | | | | | | | | 6.20 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yellow eye rockfish | | | | | | | 23.60 | 3.70 | | |
| Yellow mouth rockfish | | | | | | | | | | |
| Yellow tail rockfish | | 2.10 | | | | | | | 8.70 | 15.20 |
| Other | 1.17 | 2.05 | 2.32 | 2.00 | | 2.80 | 8.35 | 1.90 | 4.25 | 8.11 |
| Total | 1645.35 | 721.35 | 95.72 | 95.40 | 95.91 | 563.60 | 142.85 | 449.40 | 421.45 | 488.33 |

| Species | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-----------------------|---------------|----------------|--------------|---------------|--------------|---------------|--------------|--------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 32.20 | 352.86 | 16.70 | 68.10 | 14.20 | 30.40 | 4.10 | 10.60 | 80.80 | 121.50 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | 0.70 | 0.60 | | | | 0.80 | 2.66 |
| Blackfin sculpin | | | | | | | | | 0.20 | |
| Bocaccio | | 321.15 | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | 3.50 | | | | | | | 0.80 |
| Dover sole | 6.50 | 4.69 | | 0.80 | | | | | | 1.14 |
| English sole | 2.70 | 1.17 | | | | 1.90 | | | 0.02 | |
| Eulachon | 0.14 | | | 5.30 | 2.70 | 0.30 | | | 3.40 | 0.20 |
| Flathead sole | 12.10 | 8.88 | 0.80 | 1.00 | 0.10 | | | | | 39.70 |
| Greenstriped rockfish | 0.50 | 9.47 | | | | 2.10 | 0.80 | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | | | | | | | | |
| Longnose skate | 10.10 | 37.36 | 3.80 | 26.30 | 29.40 | | | 3.90 | 11.60 | 6.80 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 33.90 | 89.30 | | 12.80 | 3.60 | 42.30 | 5.00 | 1.20 | | 1.00 |
| Pacific hake | | | 3.90 | 16.80 | 7.90 | 0.80 | | 7.30 | 1.20 | 2.50 |
| Pacific halibut | | | | | | | | | | |
| Pacific ocean perch | 0.50 | 5.24 | 1.40 | 1.80 | 0.50 | 5.50 | 1.90 | 0.30 | 0.40 | 0.10 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | | | | | | | | | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | 0.80 | | 1.70 | 4.80 | 1.00 | 4.00 | 1.40 | | 3.90 | |
| Redstripe rockfish | | | | | | | | | | |
| Rex sole | 2.50 | 2.35 | | | | 3.40 | 4.20 | 0.30 | 0.10 | 11.20 |
| Rosethorn rockfish | | | | 0.40 | | 1.20 | | | | |
| Rougheye rockfish | | | 2.70 | | 1.10 | | | | | |
| Sablefish | | 7.04 | | 6.90 | | 0.60 | 0.70 | | | 3.90 |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | 1.25 | | 0.50 | | 0.50 | 1.60 | 0.40 | 0.01 | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | | |
| Silvergray rockfish | 4.90 | 2.49 | | 2.60 | | 9.60 | 1.90 | | | |
| Slender sole | 0.18 | 0.17 | | | 1.10 | 0.20 | | | 0.30 | 1.60 |
| Southern rock sole | | | | | | | | | | |
| Spiny dogfish | 17.80 | 49.09 | 5.70 | 2.30 | 4.30 | 6.00 | 9.20 | 16.90 | 4.50 | |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 9.70 | 7.04 | 11.70 | 17.80 | 8.60 | 1.50 | 0.80 | 0.60 | 1.80 | 0.20 |
| Walleye pollock | 0.50 | 9.22 | 4.70 | 1.10 | 4.20 | 0.40 | 0.60 | | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | 16.96 | | | | 8.30 | | | | |
| Yellowmouth rockfish | | | | | | | | | | |
| Yellowtail rockfish | | 879.17 | | | | | 2.30 | | 1.70 | 4.50 |
| Other | 11.23 | 10.89 | 14.93 | 55.20 | 10.70 | 5.70 | 10.70 | 6.60 | 11.22 | 9.54 |
| Total | 146.25 | 1815.79 | 71.53 | 225.20 | 90.00 | 124.70 | 45.20 | 48.10 | 121.95 | 207.34 |

| Species | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|-----------------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|---------------|
| Aleutian skate | | | | | | | | | 6.40 | |
| Arrowtooth flounder | 8.50 | 186.90 | 19.00 | 17.60 | 78.20 | 21.40 | 5.70 | 12.50 | 8.40 | 2.50 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | 0.30 | | | 0.01 | | | | | 0.14 |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | 4.60 | | | | | | | | | |
| Darkblotched rockfish | | | 1.20 | | | | | | | |
| Dover sole | 3.60 | 15.20 | | | 14.90 | 54.20 | 70.00 | 55.80 | 4.80 | 7.90 |
| English sole | 166.90 | 4.40 | | | | | | | | |
| Eulachon | | | | | 7.80 | 5.40 | 1.60 | 2.80 | 9.10 | 0.30 |
| Flathead sole | 1.70 | | | | 3.40 | 6.00 | 1.20 | 0.50 | 2.40 | 2.60 |
| Greenstriped rockfish | | | | 0.90 | | | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | 32.64 | | | | | | | |
| Longnose skate | 25.70 | 15.10 | | | 6.80 | 4.40 | | | 5.80 | |
| Longspine thornyhead | | | | | | 0.20 | | | | |
| Pacific cod | 10.20 | 17.90 | 3.68 | 4.30 | | | 1.50 | | | 0.86 |
| Pacific hake | | 45.60 | | | 1.80 | | 27.40 | 6.60 | 0.80 | |
| Pacific halibut | | | 2.60 | 16.60 | | | | | | |
| Pacific ocean perch | | 0.70 | 1.20 | 2.90 | 1.10 | 5.50 | 8.90 | 3.60 | 9.20 | 95.00 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | 161.80 | | | | | | | | | |
| Pacific tomcod | 19.50 | | | | | | | | | |
| Petrale sole | 5.30 | 5.60 | | 8.40 | | | | | | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | | | | 0.80 | 4.10 | 7.80 | 0.90 | | 3.60 |
| Redstripe rockfish | | | 0.10 | | | | | | | |
| Rex sole | 8.60 | 17.50 | 0.60 | 5.80 | 3.10 | 6.40 | 7.50 | 7.40 | 7.60 | 12.20 |
| Rosethorn rockfish | | | | | | | | | | |
| Rougheyeye rockfish | | | | | | 0.30 | | 1.08 | | |
| Sablefish | 2.60 | | | | 7.10 | 10.20 | 56.80 | 73.20 | 2.10 | |
| Sandpaper skate | | | | | 1.10 | | | | | |
| Sharpchin rockfish | | | | 1.10 | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | 0.60 | | 2.20 | 4.00 | 2.40 | 0.50 |
| Silvergray rockfish | | | | 9.30 | | | | | | 4.30 |
| Slender sole | | 0.90 | | | 0.30 | | 0.20 | 0.30 | 0.84 | 0.80 |
| Southern rock sole | | | | | | | | | | |
| Spiny dogfish | 26.80 | 1.80 | 6.98 | 4.40 | 0.80 | 3.70 | 8.20 | 6.10 | 2.60 | 3.30 |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 85.70 | 9.80 | 1.12 | 4.30 | | | 0.98 | 1.60 | | |
| Walleye pollock | | 53.90 | | | | | | | | 0.28 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | 13.47 | 1.40 | | | | | | |
| Yellowmouth rockfish | | | | | | | | | | |
| Yellowtail rockfish | | 38.70 | | 1.10 | 0.50 | | | | | |
| Other | 13.79 | 4.00 | 1.50 | 10.60 | 13.10 | 6.92 | 6.06 | 5.32 | 2.96 | 3.06 |
| Total | 545.29 | 418.30 | 84.09 | 88.70 | 141.41 | 128.72 | 206.04 | 181.70 | 65.40 | 137.34 |

| Species | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|-----------------------|--------------|--------------|--------------|--------------|---------------|--------------|---------------|---------------|--------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 0.40 | | 0.20 | 0.90 | 89.90 | 25.20 | 88.00 | 13.24 | 1.70 | 6.80 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | 0.04 | | |
| Blackfin sculpin | | | | | | | | | 0.12 | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | 3.60 | 5.90 | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 9.20 | | | | 7.90 | 4.80 | | | | |
| English sole | | | 0.60 | | | | | | | |
| Eulachon | | | | | | | 0.20 | | | |
| Flathead sole | 0.40 | | | | | | | | | |
| Greenstriped rockfish | | | | | | | | | 0.54 | 0.40 |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | 14.80 | | | | | | | | |
| Longnose skate | 10.50 | | | | | 13.20 | 7.60 | | | 6.50 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 1.30 | | | | 3.60 | | | | 1.40 | 14.90 |
| Pacific hake | 4.00 | | | | 6.30 | | 0.60 | | 1.30 | |
| Pacific halibut | | 11.14 | | | | | | | | |
| Pacific ocean perch | 29.90 | 5.20 | | | | | 3.60 | 59.78 | 7.60 | 40.38 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | 1.20 | | | | | | | | |
| Quillback rockfish | | | 1.10 | 1.40 | | | | | | |
| Redbanded rockfish | 3.20 | | | | | 1.40 | 1.10 | 35.57 | 3.80 | 2.70 |
| Redstripe rockfish | | | 0.50 | 13.20 | 0.30 | | | | | |
| Rex sole | 5.38 | | | | 3.60 | 1.60 | | | 2.80 | 6.08 |
| Rosethorn rockfish | | | | | | | | 7.57 | | |
| Rougheyeye rockfish | | | | | 0.14 | | | 1.14 | | |
| Sablefish | 0.90 | | | | 2.80 | 5.30 | 5.30 | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | 0.10 | | | | | | 57.89 | 0.80 | 0.20 |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | 4.20 | 0.30 | | | | | | 3.03 | | |
| Silvergray rockfish | | | 1.60 | 0.80 | 2.60 | | | | | 2.20 |
| Slender sole | 1.20 | | | | | | | | | 0.31 |
| Southern rock sole | | | 0.80 | 0.46 | | | | | | |
| Spiny dogfish | | 1.70 | | 6.90 | 31.50 | 6.50 | 12.90 | | 0.86 | 1.80 |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 0.56 | 31.40 | 0.50 | | 0.56 | 0.70 | 4.50 | 4.16 | | 2.50 |
| Walleye pollock | 10.60 | | | | | | | | 1.10 | 4.20 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | 2.90 | | | | | 4.40 | |
| Yellowmouth rockfish | | | | | | | | 35.95 | | |
| Yellowtail rockfish | | | | 1.50 | 1.80 | | | | | |
| Other | 8.30 | 2.50 | 3.70 | 0.40 | 15.62 | 9.80 | 13.54 | 13.93 | 5.32 | 21.18 |
| Total | 90.04 | 71.94 | 14.90 | 28.46 | 166.62 | 68.50 | 137.34 | 232.30 | 31.74 | 110.15 |

| Species | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
|-----------------------|--------------|---------------|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 11.20 | 19.90 | | 49.10 | | 71.00 | 26.70 | 0.56 | 107.30 | 76.20 |
| Big skate | | | | | | | 35.00 | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | 0.10 | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | 4.20 | 6.80 | 1.80 | 1.80 | |
| Curlfin sole | | | | | | | | 0.99 | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 0.36 | 6.80 | | 4.40 | 20.57 | 2.80 | 2.40 | | 89.80 | 27.20 |
| English sole | | | | | 12.66 | 2.40 | 39.40 | 0.89 | | 31.00 |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | 7.90 | |
| Greenstriped rockfish | 2.10 | 17.60 | 2.80 | 3.10 | 10.33 | | 3.20 | 0.66 | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | 4.60 | | | 26.20 | 9.60 | 32.20 | | 6.50 |
| Longnose skate | | | | 4.50 | | 4.70 | 48.20 | | 2.80 | 10.10 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 1.60 | 14.90 | | 4.90 | | | 2.50 | | | 3.50 |
| Pacific hake | 2.80 | 2.90 | | 2.60 | 2207.79 | | | | 10.10 | |
| Pacific halibut | | | | | | 2.30 | | 6.58 | | 18.80 |
| Pacific ocean perch | 6.80 | 23.80 | 0.40 | 0.59 | 119.19 | | | | | 12.60 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | 45.10 | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | 10.60 | | 34.36 | | 3.90 | | 67.66 | 18.90 | 12.10 |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | 0.70 | 2.90 | 1.40 | 1.80 | 12.71 | | | | 5.20 | 5.00 |
| Redstripe rockfish | | 0.30 | | | | | | | | |
| Rex sole | 13.40 | 10.90 | 0.50 | 16.90 | 25.32 | 6.70 | 11.30 | | 10.30 | 16.70 |
| Rosethorn rockfish | | 1.50 | | 0.47 | | | | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | 1.70 | 1.90 | | | | | | | 3.50 | 1.30 |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | 0.36 | 0.90 | 2.00 | 1.30 | | | | | 0.66 | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | | |
| Silvergray rockfish | 1.60 | | 2.20 | 4.90 | 19.86 | 2.20 | 36.40 | 7.30 | | |
| Slender sole | | | | | | | 0.30 | | 0.20 | 0.30 |
| Southern rock sole | | | | | | | | 0.54 | | |
| Spiny dogfish | 7.90 | 7.80 | | 2.90 | 12.66 | 43.40 | 49.70 | | 0.80 | 1.05 |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 0.60 | 6.70 | 0.70 | 2.20 | | 12.90 | 10.60 | 19.50 | 4.20 | 3.20 |
| Walleye pollock | 1.50 | 0.40 | 0.50 | 1.60 | | | | | | 1.20 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | 4.80 | | | 1.20 | | | 3.70 | | | 4.80 |
| Yellowmouth rockfish | | | | | | | | | 1.60 | 1.10 |
| Yellowtail rockfish | | | | | 38.14 | | | | | |
| Other | 18.32 | 3.10 | 2.70 | 2.35 | | 1.60 | 1.30 | 1.24 | 5.10 | 3.50 |
| Total | 75.74 | 133.00 | 17.80 | 139.17 | 2479.23 | 184.30 | 332.20 | 139.92 | 270.16 | 236.15 |

| Species | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 611.70 | 54.35 | 38.98 | | 92.90 | 187.50 | 130.80 | 206.20 | 16.20 | 45.20 |
| Big skate | | | 4.70 | 43.80 | | | | | | |
| Blackbelly eelpout | | 57.67 | | | 21.80 | | 12.40 | 17.50 | | 0.50 |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | 2.70 | |
| Dover sole | | 36.70 | 18.80 | | 31.50 | 55.28 | 88.90 | 154.50 | 56.30 | 80.90 |
| English sole | 2.40 | 0.54 | 16.56 | 5.60 | | | | | | |
| Eulachon | | 3.17 | 1.39 | | 0.78 | 0.40 | 1.12 | | 0.01 | |
| Flathead sole | | 90.50 | 28.60 | | 57.10 | 26.70 | 28.40 | 5.20 | 4.50 | 9.80 |
| Greenstriped rockfish | 2.50 | | 0.62 | | | | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | 10.20 | | | | 6.96 | | 2.98 | | | |
| Longnose skate | | 27.60 | 7.10 | | 5.30 | 21.00 | 8.80 | 24.58 | 10.70 | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 192.00 | | | | | | 1.90 | 0.10 | 0.44 | 6.20 |
| Pacific hake | | 58.40 | 239.45 | | 51.80 | 545.20 | 4.80 | 31.80 | 1.01 | |
| Pacific halibut | | | 3.14 | 12.70 | | | 4.80 | | | |
| Pacific ocean perch | 0.30 | 0.44 | | | 2.90 | 4.72 | 25.10 | 1.10 | 309.60 | 209.50 |
| Pacific sand lance | | | | 5.40 | 0.40 | | | | | |
| Pacific sanddab | | | | 12.80 | 0.60 | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | 2.60 | | | | | | | | | 0.40 |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | | | | 2.20 | 0.70 | 17.80 | 5.96 | 43.10 | 26.40 |
| Redstripe rockfish | | | | | | | | | | |
| Rex sole | 1.40 | 7.60 | 10.70 | | 9.50 | 2.38 | 8.20 | 14.04 | 10.60 | 21.20 |
| Rosethorn rockfish | | | | | | | | | | |
| Rougheyeye rockfish | | 0.30 | | | 0.78 | 1.88 | 3.56 | 0.30 | 63.79 | 23.50 |
| Sablefish | | 3.00 | 3.15 | | 5.30 | 7.20 | 9.18 | 9.60 | 6.80 | 6.90 |
| Sandpaper skate | | | | | | | | | 0.40 | |
| Sharpchin rockfish | | | | | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | 12.50 | 13.40 | 12.10 | 15.20 | 17.40 |
| Silvergray rockfish | 1.80 | | | | | | | | | 3.40 |
| Slender sole | 0.50 | 5.12 | 3.38 | | 3.00 | 0.50 | 4.29 | 6.20 | 0.48 | |
| Southern rock sole | | | | 15.20 | | | | | | |
| Spiny dogfish | 2.80 | 6.99 | 7.10 | 11.70 | 12.50 | 5.00 | 10.80 | 9.50 | | |
| Splitnose rockfish | | | | | | | | | | 0.30 |
| Spotted ratfish | | 13.60 | 5.30 | | 10.20 | 4.40 | 3.78 | 6.80 | 1.20 | 1.90 |
| Walleye pollock | | | 0.10 | | | | | | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | 12.55 | | | | | | | |
| Yellowmouth rockfish | 4.30 | | | | | | | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 1.40 | 10.06 | 3.99 | | 5.50 | 19.43 | 4.48 | | 3.37 | 4.90 |
| Total | 833.90 | 376.04 | 405.61 | 107.20 | 321.02 | 894.79 | 385.49 | 505.48 | 546.40 | 458.40 |

| Species | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
|-----------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|
| Aleutian skate | | 6.80 | | | | | | | | |
| Arrowtooth flounder | 180.12 | 694.24 | 64.50 | 2.10 | 27.20 | 22.98 | 61.90 | 179.21 | 13.90 | |
| Big skate | | | | | | | | | 1.80 | 12.60 |
| Blackbelly eelpout | | | 9.36 | | | | 0.10 | 32.14 | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | 11.80 | | | | | | 0.50 |
| Curlfin sole | | | | | | | | | 2.80 | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 67.26 | 49.58 | 7.30 | | 0.46 | 0.34 | 8.80 | 98.86 | 0.40 | |
| English sole | 0.34 | 0.76 | 9.64 | 35.28 | 20.90 | 12.20 | 8.80 | | 136.40 | |
| Eulachon | | | 11.80 | | | | 0.70 | 121.57 | | |
| Flathead sole | 26.50 | 60.82 | 105.58 | 0.60 | | | 6.10 | 526.11 | | |
| Greenstriped rockfish | 0.26 | 16.06 | | | | | 1.80 | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | 3.20 |
| Lingcod | | 19.88 | 6.44 | 33.40 | 22.40 | 12.00 | | | 9.20 | 45.30 |
| Longnose skate | 17.90 | 7.16 | 2.26 | | | | | 35.81 | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | 4.52 | 24.30 | | 0.30 | 2.96 | 13.40 | 17.82 | | |
| Pacific hake | | 2.78 | 7.64 | | | | | | | |
| Pacific halibut | | 16.30 | | 17.18 | 4.10 | 3.84 | | | 2.70 | 2.50 |
| Pacific ocean perch | 186.28 | 583.20 | 0.32 | | | | | | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | 20.90 | 42.20 | 45.00 | | | 15.40 | 4.20 |
| Pacific tomcod | | | | | 1.00 | 0.80 | | | | |
| Petrale sole | | 0.82 | 1.10 | 16.40 | 16.50 | 8.50 | | | | |
| Quillback rockfish | | | 1.70 | 1.10 | | | | | | 42.80 |
| Redbanded rockfish | 6.00 | 13.94 | | | | | | | | |
| Redstripe rockfish | 3.70 | 12.75 | 0.12 | | | | 0.80 | | | 0.20 |
| Rex sole | 1.60 | 17.60 | 13.20 | 3.60 | 10.90 | 4.20 | 27.60 | 7.69 | 4.80 | |
| Rosethorn rockfish | | 4.40 | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | | | 5.18 | | | | | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | 0.20 | 13.90 | | | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | 0.30 | 1.16 | | | | | | | | |
| Silvergray rockfish | 3.60 | 12.50 | 0.72 | | | | | | | |
| Slender sole | | 0.70 | 2.50 | | | | 1.10 | 1.05 | | |
| Southern rock sole | | | | 2.20 | 1.60 | 1.10 | | | 287.20 | 509.24 |
| Spiny dogfish | | 5.84 | 3.89 | 1.70 | 3.50 | | 3.60 | 0.87 | 2.30 | 6.40 |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 0.22 | 7.80 | 17.88 | 11.30 | 14.50 | 11.20 | 1.40 | 111.96 | 0.80 | 38.30 |
| Walleye pollock | | | 28.50 | 0.30 | 2.00 | | 5.90 | 9.61 | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | 4.10 |
| Yelloweye rockfish | | 3.50 | | 3.50 | | | | | | 4.20 |
| Yellowmouth rockfish | | 43.14 | | | | | | | | |
| Yellowtail rockfish | | | | 0.60 | | | | | | |
| Other | 0.26 | 19.90 | 13.38 | 8.70 | 0.60 | 0.40 | 21.48 | 9.95 | 4.90 | 3.19 |
| Total | 494.54 | 1620.05 | 337.31 | 170.66 | 171.36 | 125.82 | 163.48 | 1152.65 | 482.60 | 676.73 |

| Species | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
|-----------------------|--------------|-----------|---------------|----------------|---------------|--------------|---------------|--------------|--------------|--------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | | | | | | | | | | |
| Big skate | 2.20 | | 15.70 | 6.60 | | 9.50 | 22.10 | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | 0.60 | | 0.30 | | 0.50 | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | | | | | | | | | | |
| English sole | | | | | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | | | | | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | 0.60 | |
| Lingcod | | | 2.10 | | | 4.00 | | | | |
| Longnose skate | | | 3.50 | | 3.10 | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | | | | | | | | | |
| Pacific hake | | | | | | | | | | |
| Pacific halibut | 7.40 | | | | 27.20 | 17.80 | 25.10 | | | |
| Pacific ocean perch | | | | | | | | | | |
| Pacific sand lance | | | 0.10 | 18.70 | | | 5.70 | 0.50 | | |
| Pacific sanddab | 0.70 | | | | 0.60 | 6.00 | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | | | | | | | | |
| Quillback rockfish | | | 2.90 | | 8.60 | | | | 2.00 | 1.40 |
| Redbanded rockfish | | | | | | | | | | |
| Redstripe rockfish | | | | | 11.90 | | | | 0.90 | |
| Rex sole | | | | | | | | | | |
| Rosethorn rockfish | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | | | | | | | | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | | | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | | |
| Silvergray rockfish | | | | | | | | | | |
| Slender sole | | | | | | | | | | |
| Southern rock sole | 3.40 | | 18.70 | 10.70 | 3.70 | 4.10 | 9.30 | | 4.80 | |
| Spiny dogfish | 7.50 | | 371.00 | 2195.60 | 43.00 | 14.60 | 294.30 | 8.60 | 2.30 | |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 1.10 | | | | 29.90 | 5.80 | | | 4.90 | 14.10 |
| Walleye pollock | | | | | | | | | | |
| Widow rockfish | | | | | | | | | 3.70 | |
| Wolf eel | 4.30 | | 11.30 | | | | | | 7.00 | |
| Yelloweye rockfish | | | | | 11.60 | | | | | |
| Yellowmouth rockfish | | | | | | | | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 9.30 | | 0.20 | | 4.80 | 2.40 | | 4.30 | 7.50 | 5.10 |
| Total | 36.50 | | 425.80 | 2231.60 | 144.90 | 64.20 | 356.50 | 13.40 | 33.70 | 20.60 |

| Species | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
|-----------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | 5.20 |
| Arrowtooth flounder | | 10.30 | 62.00 | 8.00 | 1.60 | 6.20 | 2.70 | 6.10 | 0.50 | 18.30 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | | 4.20 | 1.80 | 12.00 | 13.90 | 0.80 | 6.90 | 8.90 | 4.60 | 35.90 |
| English sole | | | | | | 0.64 | | | | |
| Eulachon | | | | | | | | | | 1.20 |
| Flathead sole | | | 0.60 | | | | | | | 1.80 |
| Greenstriped rockfish | | | | | | | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | 0.70 | | | | | | | | | |
| Lingcod | | | 3.10 | | | | | | | |
| Longnose skate | | 10.20 | 13.60 | 2.40 | 9.50 | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | | 2.00 | | | | | | 2.40 | |
| Pacific hake | | | | 61.80 | 60.20 | 35.50 | 144.90 | 45.40 | 63.70 | 5.00 |
| Pacific halibut | | | | | | | 10.80 | | | |
| Pacific ocean perch | | 1.60 | 168.30 | 80.60 | 58.70 | 27.10 | 25.50 | 58.90 | 56.00 | 342.10 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | 1.00 | | | | | 1.00 | | |
| Quillback rockfish | 2.10 | | | | | | | | | |
| Redbanded rockfish | | 1.40 | 3.90 | | 1.30 | 4.60 | 4.20 | 3.70 | 16.50 | 3.20 |
| Redstripe rockfish | | | | | | | | | | |
| Rex sole | | 0.50 | 0.50 | 0.70 | 1.10 | 2.90 | 6.10 | 13.60 | 10.30 | 10.00 |
| Rosethorn rockfish | | | | | | | | | | |
| Rougheye rockfish | | 1.60 | | | 20.50 | 4.80 | 0.42 | | 10.70 | 1.90 |
| Sablefish | | 5.40 | | 375.90 | 130.50 | 6.40 | 4.10 | 8.80 | 2.20 | 5.40 |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | | | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | 2.10 | 1.10 | 3.80 | 34.50 | 16.60 | 23.30 | 32.70 | 46.70 | 4.80 |
| Silvergray rockfish | | | 8.30 | 1.80 | | | | | | |
| Slender sole | | 0.50 | 0.20 | | | | | | | 0.20 |
| Southern rock sole | | | | | | | | | | |
| Spiny dogfish | 53.30 | | | | | | | | | 3.30 |
| Splitnose rockfish | | | | | | | | | 0.20 | |
| Spotted ratfish | 3.60 | | | | | | | | | |
| Walleye pollock | | | 11.30 | | | | 1.10 | 0.60 | 2.30 | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | | | | | | | | | | |
| Yellowtail rockfish | | | 493.60 | | | | | | | |
| Other | 1.80 | 6.00 | 4.70 | 9.70 | 21.20 | 1.78 | 4.18 | 18.70 | 52.92 | 5.50 |
| Total | 61.50 | 43.80 | 776.00 | 556.70 | 353.00 | 107.32 | 234.20 | 198.40 | 269.02 | 443.80 |

| Species | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|-----------------------|----------------|---------------|--------------|---------------|---------------|---------------|--------------|---------------|--------------|-------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 11.83 | 5.10 | 0.10 | 17.20 | 44.60 | 173.50 | | | 0.80 | 0.10 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | 2.10 | 1.80 | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | 7.82 | | | | | | 6.40 | | | |
| Canary rockfish | 80.12 | 57.60 | | | | | | | | |
| Curlfin sole | | | | | | | 0.71 | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 26.09 | 3.80 | | 0.60 | 4.20 | 10.50 | | | | |
| English sole | | | 5.70 | 14.90 | 14.60 | 39.90 | | | 1.80 | |
| Eulachon | | | | | | | | | | |
| Flathead sole | 5.75 | | | | 2.60 | 4.30 | | | | |
| Greenstriped rockfish | 4.13 | 0.60 | | | | | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | 11.40 | | 4.10 | | | | 5.40 | 6.50 | |
| Longnose skate | | | | 4.40 | 10.00 | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 0.55 | 17.20 | | 2.50 | 3.30 | 12.30 | | | 3.70 | |
| Pacific hake | | | | | 3.10 | 1.50 | | | | |
| Pacific halibut | | 6.40 | | 5.90 | | 2.00 | | 30.20 | | |
| Pacific ocean perch | | | | | 0.40 | | | | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | 3.20 | | 0.98 | | | | 0.30 | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | | 17.50 | | | | | 11.00 | |
| Quillback rockfish | | | | | | | 4.50 | 12.50 | | |
| Redbanded rockfish | 17.15 | | | | | | | | | |
| Redstripe rockfish | 280.09 | | | | | | | 0.20 | | |
| Rex sole | 30.74 | 18.00 | 0.50 | 15.90 | 11.20 | 36.20 | | | | |
| Rosethorn rockfish | | 0.10 | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | | 4.20 | | | 1.10 | 1.50 | | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | 0.80 | | | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | | |
| Silvergray rockfish | 724.12 | 2.30 | | 5.30 | 3.20 | 25.20 | | 3.30 | | |
| Slender sole | | 0.50 | | | | 1.70 | | | | |
| Southern rock sole | | | | | | | 6.30 | 1.04 | 13.50 | 1.20 |
| Spiny dogfish | | | | 3.80 | 4.60 | 3.10 | | 131.50 | | |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | | 5.80 | | 1.00 | 1.50 | 0.90 | 23.50 | 36.50 | 6.80 | 1.90 |
| Walleye pollock | 1.77 | 0.80 | | 0.30 | 6.40 | 3.50 | | | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | 16.94 | 11.20 | | | | | | | | |
| Yellowmouth rockfish | | | | | | | | | | |
| Yellowtail rockfish | | 1.90 | | | 317.80 | 14.80 | | | | |
| Other | 4.76 | 7.00 | 9.20 | 33.20 | 13.50 | 22.80 | 3.04 | 1.70 | 5.20 | 2.10 |
| Total | 1211.86 | 154.70 | 18.70 | 126.60 | 445.18 | 355.50 | 44.45 | 222.34 | 49.60 | 5.30 |

| Species | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
|-----------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 0.12 | 1.70 | 0.30 | 5.10 | 31.20 | 1.60 | 10.20 | 9.50 | 22.60 | 9.60 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | 0.10 | | | | 0.03 | | | | |
| Blackfin sculpin | | | | | | 0.10 | | | | |
| Bocaccio | | | | | 6.50 | | | | | |
| Canary rockfish | | | | | 4.70 | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | 0.60 | | |
| Dover sole | | 0.20 | | 0.30 | | 15.50 | 4.10 | 2.80 | 12.90 | 10.10 |
| English sole | | 49.40 | | 4.80 | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | 0.40 | | | | | |
| Greenstriped rockfish | | | | | 0.50 | | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | 3.90 | | | 4.20 | 3.40 | | | | | |
| Longnose skate | | | | 5.60 | | | 14.40 | | | 3.11 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | 1.00 | | 2.40 | 5.40 | 0.90 | | | | |
| Pacific hake | | | | | | 11.50 | 101.80 | 4.80 | 1.20 | 11.80 |
| Pacific halibut | | 6.60 | | | | | | | | |
| Pacific ocean perch | 0.50 | 0.10 | | | | 16.70 | 7.20 | 2.60 | 30.20 | 2.50 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | 4.00 | 3.40 | | 4.70 | 1.70 | | | | | |
| Quillback rockfish | 18.70 | | 2.20 | | | | | | | |
| Redbanded rockfish | | | | | | 12.80 | 3.70 | | 1.10 | |
| Redstripe rockfish | 0.10 | | 0.60 | | | | | | | |
| Rex sole | | 13.50 | | 15.80 | 1.50 | 6.50 | | 2.50 | | 2.30 |
| Rosethorn rockfish | | | | | | | | | | |
| Rougheye rockfish | | | | | | 0.60 | 11.10 | | 1.40 | |
| Sablefish | | | | | | | 85.10 | 1.40 | 3.20 | 2.80 |
| Sandpaper skate | | | | | | | 2.40 | | | |
| Sharpchin rockfish | 0.10 | | | | | | | | | |
| Shortraker rockfish | | | | | | 3.40 | 25.20 | | | |
| Shortspine thornyhead | | | | | | 23.20 | 28.80 | 11.30 | 5.40 | 10.10 |
| Silvergray rockfish | 8.80 | 4.60 | | 4.40 | 447.20 | | | | 2.60 | |
| Slender sole | | 0.40 | | | | | | 0.10 | 0.40 | 0.40 |
| Southern rock sole | | 1.10 | 2.20 | | | 0.20 | | | | |
| Spiny dogfish | 1.70 | | | | | | | | | |
| Splitnose rockfish | | | | | | | | | 1.40 | 0.10 |
| Spotted ratfish | 3.20 | 0.73 | 6.20 | 4.50 | 1.30 | | | | | |
| Walleye pollock | | | | | 9.90 | 1.00 | | | 1.10 | |
| Widow rockfish | 0.30 | | | | 89.30 | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | 2.40 | | 5.00 | | | | | | | |
| Yellowmouth rockfish | | | 0.70 | | | | | | | |
| Yellowtail rockfish | | | | | 200.30 | | | | 8.20 | |
| Other | 3.20 | 2.00 | 2.10 | 2.20 | 4.00 | 12.60 | 8.40 | 16.00 | 2.00 | 19.80 |
| Total | 47.02 | 84.83 | 19.30 | 54.00 | 807.30 | 106.63 | 302.40 | 51.60 | 93.70 | 72.61 |

| Species | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
|-----------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 11.40 | 0.40 | | 0.20 | 6.10 | | | 1.20 | | |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 7.80 | | | | | | | | | |
| English sole | | | | | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | | | 0.10 | | | | 0.60 | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | 2.90 | 4.50 | | 3.60 | | | | 3.70 |
| Longnose skate | | | | | | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | | | | | | | | | |
| Pacific hake | | | | | | | | | | |
| Pacific halibut | | 8.80 | | | 18.60 | | 9.60 | 4.20 | | |
| Pacific ocean perch | 52.60 | | | | | | | | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | 0.20 | | 1.30 | 1.10 | 0.50 | 0.02 | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrале sole | | 7.20 | | 0.60 | 5.50 | 7.60 | 0.60 | | | |
| Quillback rockfish | | | 3.70 | | | | | | | |
| Redbanded rockfish | 1.50 | | | | | | | | | |
| Redstripe rockfish | 0.80 | | 0.90 | | | | | | | 0.30 |
| Rex sole | 14.70 | | | | | | | | | |
| Rosethorn rockfish | | | | | | | | | | 0.50 |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | | | | | | | | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | 3.40 | 0.20 | | | | | 0.20 | 0.70 |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | 0.50 | | | | | | | | | |
| Silvergray rockfish | 6.30 | 5.50 | | | 3.00 | | | 8.10 | | 2.90 |
| Slender sole | 0.40 | | | 0.05 | | | 0.30 | | | |
| Southern rock sole | | 1.20 | | 2.70 | 2.20 | 0.50 | | | | |
| Spiny dogfish | | | | | 3.80 | | | | 2.40 | |
| Splitnose rockfish | 0.70 | | | | | | | | | |
| Spotted ratfish | | 4.50 | 7.30 | 1.60 | 1.50 | 3.60 | 8.50 | 3.10 | 1.10 | 207.30 |
| Walleye pollock | 6.50 | | | | | | | | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | 2.30 | 10.60 |
| Yellowmouth rockfish | 28.50 | 0.10 | 6.60 | | | | | | 0.50 | 1.30 |
| Yellowtail rockfish | 12.70 | | | | | | | | | |
| Other | 8.60 | 0.50 | 5.30 | 11.20 | 18.60 | 7.60 | 12.00 | 7.40 | 2.10 | 9.50 |
| Total | 153.00 | 28.40 | 30.10 | 22.35 | 60.50 | 23.40 | 31.02 | 24.00 | 9.20 | 236.80 |

| Species | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
|-----------------------|--------------|------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 0.20 | | 0.20 | | | 8.90 | 20.00 | 46.20 | 13.80 | 5.20 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | 204.80 | | | 568.00 | 246.70 | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | | | | | | | | 17.80 | 11.30 | 7.50 |
| English sole | | | | | | | | 26.60 | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | | 0.50 | | 9.60 | 37.50 | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | 5.20 | | 8.10 | 2.60 | 5.50 | | 25.80 | | | |
| Longnose skate | | | | | | | 5.10 | | 4.60 | 1.40 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | | | | | 22.20 | 48.70 | | | |
| Pacific hake | | | | | | | | 23.30 | 22.90 | 0.80 |
| Pacific halibut | | | | | | 3.90 | | | | |
| Pacific ocean perch | | | | | | | 3.10 | 185.20 | 580.10 | 303.00 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | 0.20 | 0.30 | 0.10 | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | | | | 1.60 | | 0.90 | | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | | | | | | | 10.50 | 10.40 | 16.80 |
| Redstripe rockfish | | | | | 5.20 | | 47.60 | | | |
| Rex sole | | | | | | | 0.30 | 3.60 | 0.70 | |
| Rosethorn rockfish | | | | | 0.10 | | 5.20 | | | 3.10 |
| Rougheye rockfish | | | | | | | | 1.50 | 5.60 | 10.00 |
| Sablefish | | | | | | | 2.60 | 14.00 | 3.90 | |
| Sandpaper skate | | | | | | | | 0.70 | | |
| Sharpchin rockfish | | | 1.90 | 0.50 | 1.20 | 1.00 | 8.70 | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | 0.40 | 7.20 | 6.20 |
| Silvergray rockfish | 3.90 | | 32.20 | | 12.30 | 16.80 | 72.50 | 7.60 | | |
| Slender sole | | | | | | | | 1.40 | 0.10 | |
| Southern rock sole | | | | | 0.40 | | 6.20 | | | |
| Spiny dogfish | | | | | | | | 1.10 | | |
| Splitnose rockfish | | | | | | | | | | 0.30 |
| Spotted ratfish | 1.00 | | 523.54 | 11.60 | 2.50 | 46.00 | 12.40 | 0.10 | 1.10 | 0.50 |
| Walleye pollock | | | | | | 0.40 | | 2.20 | 5.50 | 6.40 |
| Widow rockfish | | | | | | 6.30 | 2.80 | 11.80 | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | 2.90 | | 5.20 | | 13.90 | | | |
| Yellowmouth rockfish | 0.20 | | 0.60 | 0.30 | 21.80 | 0.10 | | 482.20 | | 16.10 |
| Yellowtail rockfish | | | | | | | | 3.60 | | |
| Other | 1.10 | | 1.60 | 4.00 | 4.80 | 3.90 | 4.70 | 5.12 | 10.10 | 18.70 |
| Total | 11.60 | | 776.04 | 19.80 | 59.10 | 688.70 | 563.80 | 845.82 | 677.30 | 396.00 |

| Species | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
|-----------------------|---------------|---------------|--------------|---------------|---------------|-----------------|--------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 9.70 | 17.10 | 0.30 | | | | | | 195.90 | 7.60 |
| Big skate | | | 8.30 | | 51.00 | | 17.70 | | 9.40 | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | 1.20 | | |
| Curlfin sole | | | | 0.30 | 0.40 | | 1.90 | | | |
| Darkblotched rockfish | | | | | | | | | | 0.50 |
| Dover sole | 7.90 | 18.90 | | | | | | | 11.50 | 22.20 |
| English sole | | | | | | | 0.50 | | 48.90 | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | 2.80 |
| Greenstriped rockfish | | | | | | | | | | 10.40 |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | 4.30 | | |
| Lingcod | | | 2.40 | | | | | 2.90 | 2.90 | 9.90 |
| Longnose skate | | | | | 3.40 | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | | | | | | | | | 7.40 |
| Pacific hake | 14.60 | 507.40 | 3.10 | | | | | | | 61.80 |
| Pacific halibut | | | 8.90 | 65.00 | 13.10 | | 4.20 | | 56.90 | 10.30 |
| Pacific ocean perch | 226.20 | 93.70 | | | | | | | | 646.60 |
| Pacific sand lance | | | | 0.20 | 0.30 | | | | | |
| Pacific sanddab | | | 22.70 | 1.10 | 0.04 | | 8.90 | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | 3.40 | 4.40 | 3.60 | | | | 7.40 | |
| Quillback rockfish | | | | | | | | 25.90 | | |
| Redbanded rockfish | 1.30 | | | | | | | | | 9.80 |
| Redstripe rockfish | | | | 3.20 | | | | | | 1.20 |
| Rex sole | 2.80 | 0.30 | | | | | | | 37.40 | 28.60 |
| Rosethorn rockfish | | | | | | | | | | 1.10 |
| Rougheye rockfish | 4.60 | | | | | | | | | |
| Sablefish | | 11.00 | | | | | | | | 8.40 |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | | | | | | | | 16.60 |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | 11.40 | 9.50 | | | | | | | | 13.40 |
| Silvergray rockfish | | | | | | | | | 155.50 | |
| Slender sole | 0.90 | 0.02 | | | | | | | 3.10 | 2.00 |
| Southern rock sole | | | 11.30 | 36.90 | 51.90 | | 4.50 | 4.50 | | |
| Spiny dogfish | | 6.90 | 9.40 | 55.20 | 46.20 | 12465.40 | 26.70 | 151.90 | | |
| Splitnose rockfish | 61.30 | 1.70 | | | | | | | | |
| Spotted ratfish | | | 1.90 | 103.40 | 1.30 | | | 82.50 | 2.90 | |
| Walleye pollock | | | | | | | | | | 8.40 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | 5.20 | | | | | |
| Yelloweye rockfish | | | | 4.10 | | | | 3.20 | | |
| Yellowmouth rockfish | 3.50 | 1.20 | | | | | | | | 63.50 |
| Yellowtail rockfish | | | | | | | | | 26.60 | |
| Other | 16.82 | 7.52 | 1.20 | 1.30 | 6.40 | | 0.30 | 18.80 | 5.70 | 5.60 |
| Total | 361.02 | 675.24 | 72.90 | 275.10 | 182.84 | 12465.40 | 64.70 | 295.20 | 564.10 | 938.10 |

| Species | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
|-----------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|--------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 10.70 | 13.10 | 8.50 | 27.40 | 27.20 | 36.50 | 19.40 | 400.00 | 72.20 | 0.10 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | | | | | | | | | | 0.80 |
| Darkblotched rockfish | | | | 1.60 | | | | | | |
| Dover sole | 42.00 | 3.90 | 19.40 | 30.80 | 34.00 | | | 10.00 | 2.90 | |
| English sole | | 0.60 | | | | 0.30 | | 6.00 | 10.40 | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | 2.60 | | | | | | | | |
| Greenstriped rockfish | | 5.20 | | | | 0.30 | 0.50 | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | 8.40 | | | | | | 12.70 | | | 5.20 |
| Longnose skate | 2.00 | | 1.70 | 3.10 | | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | 3.90 | | 1.50 | 11.30 | 13.20 | 10.20 | | 17.80 | |
| Pacific hake | 16.60 | 4.00 | 129.50 | 18.00 | 34.00 | | | | 2.40 | |
| Pacific halibut | | | | | 2.30 | 2.70 | 72.80 | | 11.20 | 31.20 |
| Pacific ocean perch | 323.90 | 36.20 | 207.80 | 434.10 | 226.80 | | | | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | | | | | 0.60 | 1.10 | | 3.50 | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | 4.20 | 0.10 | 14.70 | 2.40 | 45.40 | | | | | |
| Redstripe rockfish | | 41.90 | 0.60 | | | | | | | |
| Rex sole | 10.50 | 16.90 | 3.10 | 5.20 | | 0.90 | | | 3.10 | |
| Rosethorn rockfish | | 0.10 | | | 1.80 | | | | | |
| Rougheye rockfish | 2.30 | | 4.40 | 5.20 | 18.10 | | | | | |
| Sablefish | 5.90 | 17.20 | 11.60 | 179.40 | 6.80 | 6.40 | 13.70 | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | 1.70 | | | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | 17.60 | | 31.60 | 32.30 | 45.40 | | | | | |
| Silvergray rockfish | | 1.50 | | | | | 6.30 | 7.00 | | |
| Slender sole | | 1.60 | | | | | | | | |
| Southern rock sole | | | | | | 0.80 | | | 3.40 | 9.40 |
| Spiny dogfish | | 5.70 | | | | | | | | |
| Splitnose rockfish | 15.60 | | 0.20 | | | | | | | |
| Spotted ratfish | 0.40 | 0.50 | 1.90 | | | 8.30 | 40.20 | | | |
| Walleye pollock | 7.60 | 1.20 | 1.80 | | | | | | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | 17.40 | 2.70 | 4.20 | 1.10 | 22.70 | | | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 8.90 | 7.62 | 1.60 | 5.60 | 29.50 | 4.40 | 2.10 | 7.00 | 2.30 | 2.42 |
| Total | 494.00 | 168.22 | 442.60 | 747.70 | 505.30 | 74.40 | 179.00 | 430.00 | 129.20 | 49.12 |

| Species | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
|-----------------------|----------------|----------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 1511.21 | 1376.20 | 103.40 | 44.90 | 109.90 | 42.60 | 308.10 | 360.60 | 22.20 | 32.90 |
| Big skate | | 20.70 | | | | | | | | |
| Blackbelly eelpout | | | 3.60 | 2.40 | 1.70 | | 7.40 | | | |
| Blackfin sculpin | | | | | 0.20 | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | 2.00 | | | | | | | | |
| Curlfin sole | | | | | | | | | | 1.00 |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | | 1.00 | 38.60 | 36.70 | 133.40 | 9.20 | 98.30 | | | |
| English sole | 30.14 | 24.50 | 4.50 | | | 1.70 | | 6.70 | 37.30 | 70.20 |
| Eulachon | | | | | 0.02 | | | | | |
| Flathead sole | | | 5.40 | 1.60 | 10.50 | 4.00 | 15.00 | | | |
| Greenstriped rockfish | | | 0.80 | | 4.30 | | | 4.30 | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | 10.80 | | | | | | 11.90 | | |
| Longnose skate | | | 6.40 | 2.50 | 3.20 | | 9.60 | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 50.23 | 0.90 | 4.90 | 7.80 | 10.40 | 3.40 | 9.50 | 1.50 | 92.20 | 7.50 |
| Pacific hake | | | | 5.20 | | | 1.20 | | | |
| Pacific halibut | | 13.60 | | 23.90 | | | | | | |
| Pacific ocean perch | | | 219.70 | 166.20 | 63.50 | | 151.20 | | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | 92.74 | | | | | | | | 209.80 | 131.30 |
| Pacific tomcod | | | | | | | | | 1.40 | 1.30 |
| Petrale sole | 3.86 | 6.10 | | | | | | | 2.50 | 20.90 |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | | | 1.00 | 0.40 | | | | | |
| Redstripe rockfish | | | 0.50 | 1.20 | 4.20 | | 84.20 | 24.30 | | |
| Rex sole | 3.86 | 18.90 | 49.90 | 51.00 | 104.30 | 12.00 | 138.70 | 3.60 | 6.10 | |
| Rosethorn rockfish | | | | | 0.40 | | | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | | | 4.70 | 1.60 | 26.30 | | 35.90 | | | |
| Sandpaper skate | | | | 1.00 | | | | | | |
| Sharpchin rockfish | | | 0.10 | | 3.60 | | | 0.20 | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | | |
| Silvergray rockfish | | 34.80 | 24.60 | 4.80 | 3.60 | 1.80 | 1.70 | 0.10 | | |
| Slender sole | | | | 0.90 | 1.30 | 2.10 | 3.80 | | | |
| Southern rock sole | | | | | | | | | 0.20 | 1.80 |
| Spiny dogfish | | 1.20 | 1.10 | 22.60 | 7.00 | 2.10 | 2.70 | 2.10 | | 1.90 |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | | 10.40 | 0.20 | 4.10 | 3.00 | | 1.60 | 9.90 | 6.70 | 5.80 |
| Walleye pollock | | | 39.10 | 1.00 | 13.60 | | 4.50 | | | 0.20 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | 8.20 | 3.40 | 4.40 | 11.90 | | |
| Yellowmouth rockfish | | | | | | | | | | |
| Yellowtail rockfish | | 0.80 | 55.20 | | 4.60 | 2.20 | | | | |
| Other | | | 10.50 | 2.40 | 10.60 | 1.60 | 8.00 | 6.10 | 1.50 | 6.30 |
| Total | 1692.04 | 1521.90 | 573.20 | 382.80 | 528.22 | 86.10 | 885.80 | 443.20 | 379.90 | 281.10 |

| Species | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
|-----------------------|---------------|--------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 2.10 | | | | 80.50 | 34.50 | 14.10 | 11.10 | 78.40 | 63.30 |
| Big skate | 2.50 | | | | | | | | | |
| Blackbelly eelpout | | | | | | 0.50 | | | 0.60 | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | 5.60 | 4.20 | | | | | |
| Curlfin sole | 0.40 | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | | | | | | 26.10 | 19.30 | 14.30 | 6.60 | 59.90 |
| English sole | | | | | 0.90 | | 6.70 | | 45.00 | |
| Eulachon | | | | | | | | | 7.30 | |
| Flathead sole | | | | | | 10.40 | 1.20 | 6.50 | 3.70 | |
| Greenstriped rockfish | | | | | 0.40 | 2.70 | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | 13.80 | 1.10 | | | | | | |
| Lingcod | 12.10 | | 15.40 | 6.70 | 18.70 | | | | | |
| Longnose skate | | | | | | 0.30 | | | | 1.10 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | | | | 33.10 | 20.60 | 3.70 | 12.90 | 19.40 | 1.40 |
| Pacific hake | | | | | | 46.20 | 16.60 | 19.80 | | 120.60 |
| Pacific halibut | 46.80 | 23.30 | | | | | | | 5.80 | 34.40 |
| Pacific ocean perch | | | | | | 156.40 | 160.00 | 619.80 | | 436.50 |
| Pacific sand lance | 0.40 | | | | | | | | | |
| Pacific sanddab | 4.20 | 0.10 | | | 2.50 | | | | 13.70 | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | 2.30 | | | | | 0.90 | | | | |
| Quillback rockfish | | | 114.70 | 12.30 | 4.20 | | | | | |
| Redbanded rockfish | | | | | | 18.30 | 3.80 | 13.70 | | |
| Redstripe rockfish | | 11.60 | 140.10 | 3.70 | | | | | | |
| Rex sole | | | | | 0.40 | 35.40 | 60.90 | 23.10 | 37.20 | 15.90 |
| Rosethorn rockfish | | | 1.80 | | | | | | | |
| Rougheye rockfish | | | | | | | | | | 8.40 |
| Sablefish | | | | | | 1.20 | 1.40 | 4.70 | 6.80 | 67.50 |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | | | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | 10.60 | 2.70 | 5.80 | | 36.30 |
| Silvergray rockfish | | | 3.40 | | 2.70 | 2.20 | 1.30 | | | 3.10 |
| Slender sole | | | | | | 0.80 | 0.80 | | 3.20 | |
| Southern rock sole | 279.30 | 17.90 | 17.50 | | 1.20 | | | | | |
| Spiny dogfish | | | | | | 2.80 | 1.90 | | 3.60 | |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | | | 116.50 | 2.60 | 3.70 | 0.70 | 0.20 | | 4.80 | |
| Walleye pollock | | | | | | 0.90 | 3.50 | 2.40 | | |
| Widow rockfish | | | | 0.30 | | | | | | |
| Wolf eel | | 3.70 | | | | | | | | |
| Yelloweye rockfish | | | 28.10 | | | | | | | |
| Yellowmouth rockfish | | | | | | 7.80 | 3.40 | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | | 3.30 | 54.00 | 28.22 | 0.90 | 4.80 | 4.50 | 8.70 | 0.30 | 11.50 |
| Total | 350.10 | 59.90 | 505.30 | 60.52 | 153.40 | 384.10 | 306.00 | 742.80 | 236.40 | 859.90 |

| Species | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
|-----------------------|---------------|---------------|---------------|---------------|--------------|---------------|----------------|---------------|---------------|--------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 56.80 | 85.30 | 137.00 | 20.20 | 6.40 | 138.60 | 19.17 | 26.90 | 5.90 | |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | 1.10 | 0.70 | | 0.02 | | 0.70 | | 1.00 | | |
| Blackfin sculpin | | | | | | | | 0.20 | | |
| Bocaccio | | | 3.80 | | | 8.70 | | | | |
| Canary rockfish | | | | | 2.70 | 2.80 | 42.91 | | | |
| Curlfin sole | | | | | | | | | 0.50 | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 28.70 | 14.90 | 8.80 | 2.20 | 2.70 | 121.30 | 19.17 | 10.00 | 1.20 | |
| English sole | 2.70 | | 0.30 | 12.50 | | | | 9.80 | 41.70 | |
| Eulachon | | | | 1.90 | | | | | | |
| Flathead sole | 5.90 | 5.70 | 4.60 | 2.90 | | 9.10 | | 2.20 | | |
| Greenstriped rockfish | 12.40 | 15.70 | 3.90 | 2.50 | 0.50 | 8.30 | 20.08 | 2.80 | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | 19.90 | 12.60 | 4.60 | 15.30 | 10.00 | | | | |
| Longnose skate | 2.70 | 6.20 | 4.90 | | | 5.50 | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 44.50 | 18.20 | 27.00 | 7.60 | | 17.20 | 8.58 | 7.60 | 2.30 | 0.60 |
| Pacific hake | 138.50 | 2.30 | 2.30 | 3.90 | | 20.10 | 17.15 | | | |
| Pacific halibut | | | | | | | | | 8.40 | |
| Pacific ocean perch | | 3.00 | 1.40 | | | 79.00 | 125.98 | | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | 59.80 | 4.80 |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | 0.70 | 1.80 | | | 2.90 | | | 0.10 | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | 2.90 | | 0.90 | | 5.70 | | | | |
| Redstripe rockfish | 81.40 | 5.90 | | | 1.30 | 11.70 | 139.68 | 2.10 | | |
| Rex sole | 32.90 | 114.00 | 25.10 | 62.20 | 8.20 | 92.70 | 13.12 | 58.50 | 36.50 | |
| Rosethorn rockfish | | | | | | | 3.65 | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | 23.60 | 7.20 | 14.10 | 13.20 | | 30.40 | | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | | | 2.80 | 0.50 | 83.07 | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | | |
| Silvergray rockfish | 6.80 | 9.00 | | 8.30 | 4.80 | 38.90 | | | | |
| Slender sole | 3.40 | 4.80 | 2.60 | 11.80 | 0.82 | 3.50 | | 1.50 | | |
| Southern rock sole | | | | | | | | | 32.10 | 15.00 |
| Spiny dogfish | | | | | 6.30 | 1.80 | | | | |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 1.50 | | 0.90 | 0.02 | | 3.80 | | | | 9.00 |
| Walleye pollock | | | | | | 0.24 | | | 0.90 | 0.80 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | 37.90 | 4.40 | 1.70 | | | 21.70 | 1373.93 | | | |
| Yellowtail rockfish | 37.50 | 23.20 | 9.30 | 4.30 | | 3.60 | | 1.60 | | |
| Other | 1.00 | 1.00 | 2.60 | 6.70 | 0.60 | 5.40 | 0.50 | 1.80 | 7.00 | |
| Total | 519.30 | 345.00 | 264.70 | 165.74 | 52.42 | 644.14 | 1866.99 | 126.00 | 196.40 | 30.20 |

| Species | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 |
|-----------------------|--------------|---------------|------------|---------------|---------------|--------------|--------------|--------------|---------------|------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | | | | 145.10 | 308.00 | | | | 19.80 | |
| Big skate | | | | 40.00 | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | 7.90 | | | | | | |
| Canary rockfish | | 8.20 | | 1.90 | | | | | | |
| Curlfin sole | 0.20 | 0.20 | | | | 1.50 | 0.60 | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | | | | 3.60 | 7.70 | | | | 6.20 | |
| English sole | 0.10 | | | 25.60 | 66.90 | 0.02 | 0.50 | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | | | | | | | 11.00 | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | 15.40 | | | 2.30 | | | | 8.60 | |
| Longnose skate | | | | | | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 0.10 | 0.20 | | | | 4.30 | 0.10 | | 0.90 | |
| Pacific hake | | | | | | | | | 13.70 | |
| Pacific halibut | | 15.50 | | | | 5.90 | 44.90 | 10.90 | | |
| Pacific ocean perch | | | | | | | | | 338.40 | |
| Pacific sand lance | | 0.50 | | | | | | | | |
| Pacific sanddab | 4.30 | 4.30 | | 3.50 | 0.90 | 1.90 | 24.10 | 7.90 | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | | 55.90 | 5.00 | | | 0.60 | | |
| Quillback rockfish | | 8.70 | | | | | | | | |
| Redbanded rockfish | | | | | | | | | 2.90 | |
| Redstripe rockfish | | 0.90 | | | | | | | | |
| Rex sole | | | | 2.30 | 9.60 | | | | 21.90 | |
| Rosethorn rockfish | | | | | | | | | 3.70 | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | | | | | | | | | 9.80 | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | | | | | | | 31.60 | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | | | | 20.30 | |
| Silvergray rockfish | | | | | | | | | 6.90 | |
| Slender sole | | | | | | | | | | |
| Southern rock sole | 1.30 | 83.20 | | | | 35.60 | 14.20 | 12.90 | | |
| Spiny dogfish | | | | 3.20 | 2.20 | | | | | |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | 1.10 | 32.80 | | 5.60 | 23.40 | 3.90 | 2.80 | 3.00 | 2.50 | |
| Walleye pollock | 0.20 | | | | | | 0.10 | | 2.90 | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | | | | | | | | | 35.20 | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 9.60 | 17.80 | | 2.40 | | 3.80 | 0.72 | 2.62 | 2.90 | |
| Total | 16.90 | 187.70 | | 297.00 | 426.00 | 56.92 | 88.02 | 37.92 | 539.20 | |

| Species | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
|-----------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 8.80 | 0.40 | 20.20 | 4.60 | 2.30 | 7.30 | 10.40 | 32.00 | 14.20 | 21.10 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | 4.40 | | | | |
| Canary rockfish | | | | | | 1.60 | | | | |
| Curlfin sole | | | | 0.40 | | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | 37.60 | | | 2.90 | | 31.40 | 24.00 | | 0.30 | 0.50 |
| English sole | | | | 7.20 | 2.40 | 12.70 | 1.10 | | 0.10 | 26.50 |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | 0.90 | 0.70 | 1.00 | | | | 1.20 | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | 1.70 | 4.90 | | | 9.30 | | 7.30 | |
| Longnose skate | 19.60 | | | | | | 2.40 | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | 6.30 | 4.10 | 3.30 | 1.60 | 1.40 | 5.00 | 1.40 | 1.90 | 1.20 |
| Pacific hake | 120.00 | | | 4.00 | 17.80 | 18.80 | 39.70 | 2.40 | 1.30 | 7.70 |
| Pacific halibut | | | | | 78.20 | | | 7.90 | | 7.00 |
| Pacific ocean perch | 211.90 | | 1.30 | 3.00 | 3.90 | 0.40 | 0.10 | 0.40 | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | | 1.50 | 0.70 | 5.80 | 1.50 | | | 0.50 | 1.50 |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | | 5.50 | 3.00 | | 4.40 | | | | |
| Redstripe rockfish | | | 0.50 | 38.30 | 1.30 | | | | | |
| Rex sole | 6.90 | 0.90 | | 4.50 | 1.90 | 29.60 | 35.90 | 5.60 | 1.70 | 14.40 |
| Rosethorn rockfish | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | |
| Sablefish | 4.00 | | 2.30 | | | | | | | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | 0.40 | | 0.20 | | | | | | |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | 27.90 | | | | | | | | | |
| Silvergray rockfish | | | 269.10 | 96.10 | 226.40 | 383.00 | 45.90 | 166.90 | 20.40 | 267.40 |
| Slender sole | 0.30 | | | 0.10 | | 0.02 | | | | |
| Southern rock sole | | | | | | | | | | |
| Spiny dogfish | | | | | | | | | | |
| Splitnose rockfish | 0.40 | | | | | | | | | |
| Spotted ratfish | 1.20 | 0.02 | 5.10 | | | | 0.90 | 1.40 | 0.20 | 2.10 |
| Walleye pollock | | 1.00 | 4.90 | 0.80 | 1.20 | 4.90 | 24.50 | 1.50 | | 0.30 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | 6.40 | | | | | | | | | |
| Yellowtail rockfish | | | | | 2.30 | 1.90 | | 15.60 | | 14.80 |
| Other | 2.10 | 9.20 | 13.80 | 6.60 | 3.30 | 2.00 | 1.50 | 3.10 | 3.90 | 9.50 |
| Total | 447.10 | 19.12 | 330.70 | 181.60 | 348.40 | 505.32 | 200.70 | 239.40 | 51.80 | 374.00 |

| Species | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 |
|-----------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 0.50 | 26.50 | 7.20 | 52.90 | 227.70 | 54.70 | 20.50 | 16.00 | 9.30 | 4.00 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | 0.30 | | | | | | |
| Blackfin sculpin | | | | | | | | | 0.40 | |
| Bocaccio | | | | | | | | | 4.80 | |
| Canary rockfish | | | | | 2.90 | | | 5.30 | 2.80 | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | 6.20 | |
| Dover sole | | 0.90 | | 8.20 | 39.90 | 98.90 | | 0.70 | 2.20 | 10.50 |
| English sole | 2.10 | 1.50 | 0.40 | 100.40 | 47.50 | 84.10 | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | 1.70 | | | | |
| Greenstriped rockfish | | | | | | | | 0.20 | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | 4.20 | 3.00 | 5.30 | | 11.60 | | | 31.90 | 13.50 | |
| Longnose skate | | | 15.10 | | | 6.50 | | | | 4.30 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 5.40 | 9.10 | 1.80 | 0.50 | 10.80 | 0.70 | 0.50 | 18.10 | | |
| Pacific hake | 2.50 | | 83.40 | 3.70 | | 5.80 | | 20.60 | 5.20 | 127.70 |
| Pacific halibut | 3.20 | | 10.90 | | 2.60 | | 78.90 | | | |
| Pacific ocean perch | 0.08 | | | | 0.70 | 0.20 | 639.10 | 42.00 | 352.60 | 76.70 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | 7.30 | 5.70 | | 0.20 | | 0.60 | | |
| Quillback rockfish | 0.70 | | | | | | | | | |
| Redbanded rockfish | | | | | | 2.10 | 9.00 | 5.50 | 14.50 | 8.60 |
| Redstripe rockfish | | | | | | | | 105.80 | 1.70 | |
| Rex sole | 0.20 | | | 134.60 | 170.50 | 127.30 | | 1.20 | 2.80 | 19.10 |
| Rosethorn rockfish | | | | | | | | 3.10 | 2.90 | |
| Rougheyeye rockfish | | | | | | | | | 1.40 | 0.02 |
| Sablefish | | | | | | 0.50 | | | | 1.50 |
| Sandpaper skate | | | | | | | | 0.90 | | |
| Sharpchin rockfish | | | | | | | | 15.70 | 3.50 | |
| Shortraker rockfish | | | | | | | | | 10.70 | |
| Shortspine thornyhead | | | | | | | 2.70 | 3.70 | 20.80 | 8.10 |
| Silvergray rockfish | 203.30 | 4.20 | 111.50 | 88.80 | 145.00 | 111.10 | 69.10 | 48.10 | 13.80 | |
| Slender sole | | | | 0.20 | 0.30 | 0.60 | | 0.20 | | 0.02 |
| Southern rock sole | 3.40 | 2.00 | 14.20 | | | | | | | |
| Spiny dogfish | | | | 4.70 | | | | | | |
| Splitnose rockfish | | | | | | | | | 0.50 | |
| Spotted ratfish | 1.40 | | 12.90 | 0.20 | | | | 0.30 | 7.80 | |
| Walleye pollock | | 0.30 | | 0.70 | | | 2.70 | 36.60 | 3.10 | 7.70 |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | | | | | | | | | | |
| Yellowtail rockfish | | | | | | | 1.70 | | | |
| Other | 4.10 | 8.05 | 5.20 | 11.90 | 2.30 | 2.18 | 10.70 | | 4.70 | 1.30 |
| Total | 231.08 | 55.55 | 275.20 | 412.80 | 661.80 | 496.58 | 834.90 | 356.50 | 485.20 | 269.54 |

| Species | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 |
|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 11.20 | 5.30 | 10.40 | 11.40 | 18.70 | 13.90 | 4.46 | | 6.70 | 7.40 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | 0.03 | | | | | | 0.20 |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | 0.90 | | | 67.72 | | 37.50 | |
| Dover sole | 26.30 | 6.50 | 7.40 | 1.50 | 12.70 | 7.70 | 5.62 | | 12.90 | 19.80 |
| English sole | | 0.20 | | | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | 1.20 | | 0.40 | | | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | 1.90 | | | | | | | | |
| Longnose skate | 7.60 | | 6.10 | 2.90 | 1.50 | | | | | |
| Longspine thornyhead | | | | | | | | | | 4.00 |
| Pacific cod | | 4.50 | | | | | | | | |
| Pacific hake | 136.80 | 1.30 | 16.40 | 112.60 | 18.30 | 116.40 | 30.64 | | 56.10 | 26.10 |
| Pacific halibut | 6.30 | | | 5.80 | 6.10 | 20.40 | | | | |
| Pacific ocean perch | 7.20 | 87.70 | 27.10 | 211.20 | 105.70 | 78.10 | 769.50 | 6.70 | 516.70 | 42.10 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | | | | | | | | | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | 6.50 | 1.00 | | 10.70 | 4.40 | 12.80 | 5.26 | | 1.60 | |
| Redstripe rockfish | | 3.60 | | | | | | | | |
| Rex sole | 35.60 | 3.80 | | 1.90 | 3.90 | 7.40 | | | 3.80 | 18.20 |
| Rosethorn rockfish | | | | 0.90 | | | 2.63 | | 0.95 | |
| Roughey rockfish | | | 16.40 | | 11.60 | 21.10 | | | 3.60 | 51.30 |
| Sablefish | 6.60 | 6.50 | 31.30 | 7.00 | 55.50 | 8.40 | 11.25 | | 28.70 | 85.70 |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | | | 0.40 | | | | | | |
| Shortraker rockfish | | | | | | | | | | 22.60 |
| Shortspine thornyhead | 3.80 | 4.80 | 12.10 | 11.90 | 3.90 | 21.70 | 22.14 | 0.20 | 28.50 | 38.80 |
| Silvergray rockfish | | 70.90 | | | | | 4.82 | | | |
| Slender sole | 2.90 | | | | | | | | 0.30 | |
| Southern rock sole | | | | | | | | | | |
| Spiny dogfish | | | | | | | | | | |
| Splitnose rockfish | 0.28 | | | 343.90 | 2.30 | | 81.75 | 0.20 | 1.90 | |
| Spotted ratfish | | 2.20 | | | 1.30 | | | | 1.30 | |
| Walleye pollock | 11.30 | 11.50 | | 13.40 | 1.20 | | | | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | | | | 143.50 | | | 115.50 | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 3.40 | 2.31 | 24.00 | 9.60 | 7.80 | 11.40 | 11.25 | 0.10 | 30.10 | 19.60 |
| Total | 265.78 | 215.21 | 151.20 | 889.93 | 254.90 | 319.30 | 1132.54 | 7.20 | 730.65 | 335.80 |

| Species | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 |
|-----------------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 2.60 | 3.40 | | 3.60 | 4.10 | 5.33 | 4.00 | | 0.30 | |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | 0.10 | | | 2.30 | 0.52 | | | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | | | | | | | | 202.30 | 8.70 |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | 9.30 | 7.32 | 0.90 | | | |
| Dover sole | 17.10 | 30.10 | 16.90 | 57.60 | 22.50 | 5.46 | 29.40 | 7.90 | | |
| English sole | | | | | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | | | | | | | 1.60 | 0.01 |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | | | | | | | | 4.50 |
| Longnose skate | | | | 13.50 | | | | | | |
| Longspine thornyhead | 4.70 | 5.30 | 0.30 | 1.20 | | | | 22.60 | | |
| Pacific cod | | | | | 2.90 | | | | 4.40 | |
| Pacific hake | 18.70 | 278.30 | 58.90 | 66.60 | 70.40 | 12.09 | 40.10 | 10.30 | | |
| Pacific halibut | | | | | | 4.16 | | | 4.90 | 23.80 |
| Pacific ocean perch | | | 6.30 | 30.20 | 411.90 | 348.05 | 131.00 | 2.90 | | |
| Pacific sand lance | | | | | | | | | | 0.30 |
| Pacific sanddab | | | | | | | | | | 0.30 |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | | | | | | | | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | 1.30 | | | 11.00 | 7.00 | 2.81 | 1.80 | | | |
| Redstripe rockfish | | | | | | | | | 0.90 | |
| Rex sole | 8.50 | 23.80 | 11.70 | 27.50 | 12.20 | 8.06 | 37.80 | 2.40 | | |
| Rosethorn rockfish | | | | | 0.40 | 5.63 | | | | |
| Rougheye rockfish | 31.40 | 130.50 | 180.90 | 353.80 | 20.20 | 79.18 | | 68.10 | | |
| Sablefish | 11.40 | 19.60 | 6.70 | 21.70 | 12.10 | 24.06 | 2.10 | 24.90 | | |
| Sandpaper skate | | | | 1.40 | 0.20 | 1.69 | | 1.20 | | |
| Sharpchin rockfish | | | | | | | 19.30 | | 0.10 | 0.20 |
| Shortraker rockfish | 47.80 | 13.50 | 4.90 | 5.70 | | | | 67.00 | | |
| Shortspine thornyhead | 54.00 | 21.50 | 24.90 | 43.60 | 67.10 | 151.98 | 4.20 | 50.30 | | |
| Silvergray rockfish | | | | | | | 3.40 | | 77.20 | 11.60 |
| Slender sole | | | | | | | 0.60 | | | |
| Southern rock sole | | | | | | | | | 3.70 | 0.10 |
| Spiny dogfish | | | | | | | | | | |
| Splitnose rockfish | | | | | 70.70 | 525.73 | 0.20 | | | |
| Spotted ratfish | | | | | 4.10 | 2.60 | | | 0.30 | |
| Walleye pollock | | | | | | | 5.50 | | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | 17.50 |
| Yellowmouth rockfish | | | | | 13.10 | 3.00 | 50.10 | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 7.50 | 18.20 | 3.00 | 18.30 | 14.50 | 24.83 | 1.90 | 4.00 | 0.30 | 2.50 |
| Total | 205.00 | 544.30 | 314.50 | 655.70 | 745.00 | 1212.50 | 332.30 | 261.60 | 296.00 | 69.51 |

| Species | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 |
|-----------------------|--------------|--------------|------------|---------------|---------------|--------------|--------------|---------------|---------------|-------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | | 9.30 | | 23.30 | 94.40 | 8.10 | | 8.10 | 11.40 | |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | 0.10 | | |
| Bocaccio | | | | | | | | | | |
| Canary rockfish | | 4.30 | | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | | | | |
| Dover sole | | | | | 0.70 | | | 1.20 | 89.80 | |
| English sole | | | | | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | 1.90 | | 3.20 | 5.50 | 5.10 | 0.50 | 1.40 | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | 4.90 | 6.60 | | 4.10 | 2.90 | | | 11.30 | | |
| Longnose skate | | | | 9.80 | | | | | | 1.90 |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | 24.10 | | 136.30 | 21.80 | 5.70 | 9.50 | 24.80 | | |
| Pacific hake | | | | | | | | | | 225.10 |
| Pacific halibut | | | | | | | | 11.00 | | |
| Pacific ocean perch | | | | | 13.10 | 0.70 | | 110.00 | 9.90 | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | 1.40 | | 5.20 | | | | | | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | | | | | | | 1.70 | | |
| Redstripe rockfish | | | | | | 1.20 | | 16.50 | | |
| Rex sole | | | | | | 5.30 | 1.60 | 5.20 | 4.70 | |
| Rosethorn rockfish | | 0.30 | | | 0.20 | 3.70 | 0.20 | 2.80 | | |
| Rougheye rockfish | | | | | | | | | 10.30 | |
| Sablefish | | | | | | | | 3.50 | 59.00 | |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | | 0.30 | | 0.04 | 4.10 | 7.10 | 0.30 | 18.20 | | 1.00 |
| Shortraker rockfish | | | | | | | | | | |
| Shortspine thornyhead | | | | | | 0.20 | | 5.30 | 4.50 | |
| Silvergray rockfish | 20.80 | | | | 3.80 | | | 2.20 | | |
| Slender sole | | | | | 0.02 | 0.20 | | 0.02 | | |
| Southern rock sole | | | | | | | | | | |
| Spiny dogfish | | | | | 2.70 | | | | | |
| Splitnose rockfish | | | | | | | | | | |
| Spotted ratfish | | 0.90 | | 2.70 | 0.90 | | | 0.76 | | |
| Walleye pollock | | | | 0.20 | 0.10 | 0.40 | 1.50 | 4.10 | | |
| Widow rockfish | | | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | 16.80 | 6.80 | | | | | | | | |
| Yellowmouth rockfish | | | | 0.10 | 0.60 | | | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 3.50 | | | 41.70 | 7.04 | 3.50 | 0.80 | 1.60 | 9.56 | |
| Total | 46.00 | 55.90 | | 226.64 | 157.86 | 41.20 | 14.40 | 229.78 | 426.16 | 1.00 |

| Species | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 |
|-----------------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 8.40 | 7.50 | 1.00 | 10.40 | 29.60 | 487.60 | 9.19 | 79.80 | 3.80 | 1.10 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | 0.20 | 0.60 | 0.90 | 0.90 | 0.30 | 2.97 | 6.76 | 0.60 | |
| Bocaccio | | | | | | | | | 4.80 | |
| Canary rockfish | | | | | | | | | | 109.90 |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | 10.40 | 51.71 | | 1.20 | |
| Dover sole | 21.30 | 2.50 | 5.90 | 30.90 | 0.50 | 7.50 | 2.16 | 6.24 | 3.40 | |
| English sole | | | | | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | | | | | | | | 1.80 |
| Harlequin rockfish | | 0.20 | | | 0.40 | | 0.38 | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | 6.60 | | | 7.20 | | 15.95 | 44.45 | | 2.20 |
| Longnose skate | | | | | | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | 2.40 | 1.10 | | | | | | | 3.40 | 79.60 |
| Pacific hake | 2.60 | | 8.40 | 88.90 | 1.40 | | 20.82 | 4.42 | | |
| Pacific halibut | | 4.20 | | | | 49.50 | | | | 7.10 |
| Pacific ocean perch | 39.20 | 480.30 | 126.90 | 373.80 | 205.50 | 3961.47 | 1157.74 | 925.71 | 371.30 | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | | | | | | | | | 9.00 |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | 8.60 | 3.90 | | 9.50 | 14.20 | 11.26 | 19.84 | | |
| Redstripe rockfish | 1.20 | | | | | | | | | |
| Rex sole | 28.40 | 0.80 | 3.00 | 3.20 | | 6.30 | | | | |
| Rosethorn rockfish | | | | | 1.20 | | 5.34 | 1.55 | 8.60 | |
| Roughey rockfish | 1.10 | 3.90 | 1.80 | 0.60 | 0.70 | 3.90 | 17.17 | 83.22 | 0.40 | |
| Sablefish | 13.40 | | | 12.60 | | | | 49.13 | | |
| Sandpaper skate | | | | 1.10 | | | | 6.37 | | |
| Sharpchin rockfish | 0.10 | | | | 1.10 | | 53.24 | | 13.10 | 0.50 |
| Shortraker rockfish | | | | | | | | 22.93 | | |
| Shortspine thornyhead | 16.70 | 20.80 | 20.60 | 46.50 | 4.00 | 34.00 | 14.88 | 117.48 | 29.80 | |
| Silvergray rockfish | 7.30 | 12.80 | | | | | | | 6.10 | 18.00 |
| Slender sole | | | | 0.30 | | | | | | |
| Southern rock sole | | | | | | | | | | 0.60 |
| Spiny dogfish | | | | | | | | | | |
| Splitnose rockfish | | 85.90 | 0.50 | | | | | | 10.10 | |
| Spotted ratfish | 0.50 | | | | | 5.30 | | | | 6.30 |
| Walleye pollock | 3.20 | | | | | | | | | |
| Widow rockfish | | 2.00 | | | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | | | | | | | | | 3.20 | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 2.20 | 2.60 | 49.00 | 9.10 | 29.10 | 4.50 | 1.46 | 9.49 | 3.20 | 0.80 |
| Total | 148.00 | 640.00 | 221.60 | 578.30 | 291.10 | 4584.97 | 1364.27 | 1377.39 | 463.00 | 236.90 |

| Species | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 |
|-----------------------|----------------|---------------|---------------|----------------|---------------|-------------|----------------|---------------|--------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 2.65 | | 3.72 | | 0.80 | | 4.57 | 15.40 | | |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | 0.50 | | |
| Bocaccio | 10.11 | | 3.12 | 17.40 | | | | 6.50 | | |
| Canary rockfish | 54.06 | | 33.82 | | | | | | | |
| Curlfin sole | | | | | | | | | | |
| Darkblotched rockfish | | | | | | | 5.15 | 16.30 | | |
| Dover sole | | 3.90 | 1.92 | | | | 5.75 | 4.60 | 12.80 | 29.30 |
| English sole | | | 0.72 | | | | | | | |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | 5.12 | | | | | | | |
| Harlequin rockfish | 240.98 | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | 96.46 | | | 10.50 | | | | | | |
| Longnose skate | | | | 10.20 | | | | | | |
| Longspine thornyhead | | | | | | | | | | 6.60 |
| Pacific cod | 18.07 | | 15.24 | | | | | 0.70 | | |
| Pacific hake | | 40.30 | | | 1.80 | | 16.20 | 29.40 | 5.30 | 21.20 |
| Pacific halibut | | | | | | | | | | |
| Pacific ocean perch | | 47.40 | | 1151.38 | 12.80 | 2.00 | 185.64 | 389.10 | | 0.80 |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | |
| Pacific tomcod | | | | | | | | | | |
| Petrable sole | | | | | | | | | | |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | | 1.90 | | 126.88 | 0.90 | | 10.95 | 2.10 | | |
| Redstripe rockfish | 232.09 | | 584.45 | 488.63 | | | | | | |
| Rex sole | | | 11.76 | | | | 2.87 | 4.10 | 5.30 | 7.50 |
| Rosethorn rockfish | 3.31 | | 1.67 | 40.49 | | | 2.25 | 4.50 | | |
| Roughey rockfish | | 4.30 | | | | | | | 8.80 | 57.60 |
| Sablefish | | 38.40 | | 3.40 | | | 11.62 | 12.70 | 9.50 | 10.50 |
| Sandpaper skate | | | | | | | | | | |
| Sharpchin rockfish | 32.61 | | 84.56 | 1970.71 | 192.30 | | 6.76 | | | |
| Shortraker rockfish | | | | | | | | | | 26.40 |
| Shortspine thornyhead | | 11.90 | | 36.44 | 0.40 | | 26.57 | 55.70 | 8.40 | 39.20 |
| Silvergray rockfish | 169.49 | | 29.93 | 134.98 | | | | 2.80 | | |
| Slender sole | | | | | | | | 0.10 | | |
| Southern rock sole | | | | | | | | | | |
| Spiny dogfish | | | | | | | | | | |
| Splitnose rockfish | | | | | | | 744.50 | 11.90 | | |
| Spotted ratfish | 8.62 | 1.00 | 1.44 | | | | | 0.20 | | |
| Walleye pollock | | | 2.04 | | | | | | | |
| Widow rockfish | | | | 232.17 | | | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | 135.49 | | 6.12 | | | | | | | |
| Yellowmouth rockfish | 5.23 | | | 1685.91 | 177.20 | | 36.07 | | | |
| Yellowtail rockfish | | | | | | | | | | |
| Other | 7.80 | 5.80 | 27.00 | 8.50 | | | 1.44 | 7.50 | 5.40 | 1.10 |
| Total | 1016.97 | 154.90 | 812.63 | 5917.59 | 386.20 | 2.00 | 1060.34 | 564.10 | 55.50 | 200.20 |

| Species | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 |
|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | | | | | | | |
| Arrowtooth flounder | 9.28 | 4.60 | 1.90 | 6.60 | 9.60 | 210.00 | 23.17 | 7.40 | 8.20 | 1.70 |
| Big skate | | | | | | | | | | |
| Blackbelly eelpout | | | | | | | | | | |
| Blackfin sculpin | | | | | | | | | | |
| Bocaccio | | | | | | | 5.16 | | | |
| Canary rockfish | | | | | | 5.00 | | | | |
| Curlfin sole | | | | | | | | | | 1.90 |
| Darkblotched rockfish | 3.59 | | | 1.10 | | | | | | |
| Dover sole | 3.93 | 9.80 | 3.50 | 23.00 | 36.70 | 1.20 | 1.18 | 8.40 | | |
| English sole | | | | | | 0.80 | 1.06 | | 6.50 | 4.00 |
| Eulachon | | | | | | | | | | |
| Flathead sole | | | | | | | | | | |
| Greenstriped rockfish | | | | | | 2.30 | | | | |
| Harlequin rockfish | | | | | | | | | | |
| Kelp greenling | | | | | | | | | | |
| Lingcod | | | | | | | | | 5.60 | |
| Longnose skate | | 9.60 | | | | | | | | |
| Longspine thornyhead | | | | | | | | | | |
| Pacific cod | | | | | | 97.00 | 4.61 | | 413.30 | |
| Pacific hake | 68.90 | 43.20 | 20.40 | 14.40 | 70.80 | | 1.65 | 142.60 | | |
| Pacific halibut | | | | | | | | 11.90 | | 5.50 |
| Pacific ocean perch | 51.27 | 132.00 | 272.20 | 52.20 | 96.40 | 5.00 | 52.07 | 174.80 | | |
| Pacific sand lance | | | | | | | | | | |
| Pacific sanddab | | | | | | | | | | 4.70 |
| Pacific tomcod | | | | | | | | | | |
| Petrale sole | | | | | | 10.80 | 3.19 | | 2.70 | 2.80 |
| Quillback rockfish | | | | | | | | | | |
| Redbanded rockfish | 6.67 | 22.10 | 6.30 | 2.20 | 2.20 | | 1.56 | 9.20 | | |
| Redstripe rockfish | | | | | 0.50 | 107.90 | 3.48 | | | |
| Rex sole | 8.52 | 6.10 | 5.70 | 20.60 | 4.10 | 3.50 | 7.21 | 0.30 | 4.90 | |
| Rosethorn rockfish | | | 0.90 | | | | | | | |
| Roughey rockfish | 7.86 | 124.30 | 6.30 | 2.00 | | | | 10.40 | | |
| Sablefish | 9.61 | 26.10 | 3.70 | 4.70 | | 4.00 | | 21.70 | | |
| Sandpaper skate | | | | | | | | 1.00 | | |
| Sharpchin rockfish | | | | | 0.20 | | | | | |
| Shortraker rockfish | | | 26.60 | | | | | | | |
| Shortspine thornyhead | 18.80 | 16.80 | 15.20 | 11.10 | 3.60 | | | 24.40 | | |
| Silvergray rockfish | | | 2.60 | | 2.00 | 10.60 | 6.12 | | 3.90 | |
| Slender sole | | 0.10 | | 0.60 | 0.70 | | | | | |
| Southern rock sole | | | | | | | | | 4.80 | 69.50 |
| Spiny dogfish | | | | | | | 2.48 | | | |
| Splitnose rockfish | 711.85 | 5.50 | 0.80 | | 19.80 | | | 0.70 | | |
| Spotted ratfish | | | | 0.90 | | 1.20 | 0.24 | | | 9.90 |
| Walleye pollock | 4.37 | 4.90 | 0.90 | 2.60 | 5.90 | 0.80 | 0.83 | | | |
| Widow rockfish | | | 1.90 | | | 144.60 | | | | |
| Wolf eel | | | | | | | | | | |
| Yelloweye rockfish | | | | | | | | | | |
| Yellowmouth rockfish | 51.10 | | 27.80 | | | | 656.65 | 9.60 | | |
| Yellowtail rockfish | | | | | | 221.00 | 11.28 | | | |
| Other | 4.64 | 9.20 | 1.60 | 2.20 | 7.10 | 1.00 | 7.33 | 7.10 | 9.50 | 4.80 |
| Total | 960.39 | 414.30 | 398.30 | 144.20 | 259.60 | 826.70 | 789.27 | 429.50 | 459.40 | 104.80 |

| Species | 271 | 272 | 273 | 274 | 275 | 276 | 277 |
|-----------------------|--------------|---------------|--------------|---------------|---------------|---------------|---------------|
| Aleutian skate | | | | 7.43 | | | |
| Arrowtooth flounder | 0.50 | 5.10 | 0.90 | 0.33 | 90.70 | 26.40 | 19.51 |
| Big skate | 4.50 | | | | | | |
| Blackbelly eelpout | | | | | | | |
| Blackfin sculpin | | | | | | | |
| Bocaccio | | | | | | | |
| Canary rockfish | | 9.70 | | | 59.69 | | |
| Curlfin sole | 0.50 | | | | | | |
| Darkblotched rockfish | | | | | | | 6.16 |
| Dover sole | | 9.30 | 1.00 | 21.96 | 2.30 | 30.40 | 60.56 |
| English sole | 2.20 | 2.60 | | | 0.46 | | |
| Eulachon | | | | | | | |
| Flathead sole | | | | | | | |
| Greenstriped rockfish | | 1.60 | | 17.96 | | | |
| Harlequin rockfish | | | | | | | |
| Kelp greenling | | | | | | | |
| Lingcod | 2.90 | | | 9.07 | 2.07 | | |
| Longnose skate | | | | 9.72 | | | 1.01 |
| Longspine thornyhead | | | | | | | |
| Pacific cod | | 4.00 | | | 16.46 | | 4.81 |
| Pacific hake | | 48.90 | | 11.58 | | 28.70 | 8.87 |
| Pacific halibut | 17.50 | | | | 8.63 | | 12.54 |
| Pacific ocean perch | | | | 518.03 | | 195.20 | 628.19 |
| Pacific sand lance | | | | | | | |
| Pacific sanddab | 0.80 | | | | | | |
| Pacific tomcod | | | | | | | |
| Petrale sole | | 1.20 | | | 0.46 | | |
| Quillback rockfish | | | | | | | |
| Redbanded rockfish | | 1.20 | | 3.16 | | 6.00 | 23.69 |
| Redstripe rockfish | | 212.80 | 13.50 | 28.20 | 6.02 | | |
| Rex sole | | 21.30 | 0.30 | 42.27 | 9.78 | 59.20 | 68.92 |
| Rosethorn rockfish | | | | | | | |
| Rougheyeye rockfish | | | | | | 8.70 | 0.96 |
| Sablefish | | | | | | 58.30 | 19.89 |
| Sandpaper skate | | | | | | | 0.76 |
| Sharpchin rockfish | | | 0.90 | 0.33 | | | |
| Shortraker rockfish | | | | | | | |
| Shortspine thornyhead | | | | 1.20 | | 42.40 | 29.08 |
| Silvergray rockfish | | 24.70 | | 4.90 | 309.97 | | |
| Slender sole | | 0.90 | | 0.98 | | | 0.63 |
| Southern rock sole | 40.00 | | | | | | |
| Spiny dogfish | | | | 1.42 | | 1.40 | |
| Splitnose rockfish | | | | | | | 0.58 |
| Spotted ratfish | 1.20 | 0.40 | | | | 1.20 | |
| Walleye pollock | | 1.80 | | 12.13 | | 0.40 | 5.32 |
| Widow rockfish | | | | | | | |
| Wolf eel | | | | | | | |
| Yelloweye rockfish | | 2.40 | | | | | |
| Yellowmouth rockfish | | | | 63.26 | | | 2.70 |
| Yellowtail rockfish | | | | | 263.36 | | |
| Other | 8.60 | 4.30 | 4.10 | 20.43 | 4.72 | 10.30 | 18.75 |
| Total | 78.70 | 352.20 | 20.70 | 774.36 | 774.62 | 468.60 | 912.93 |