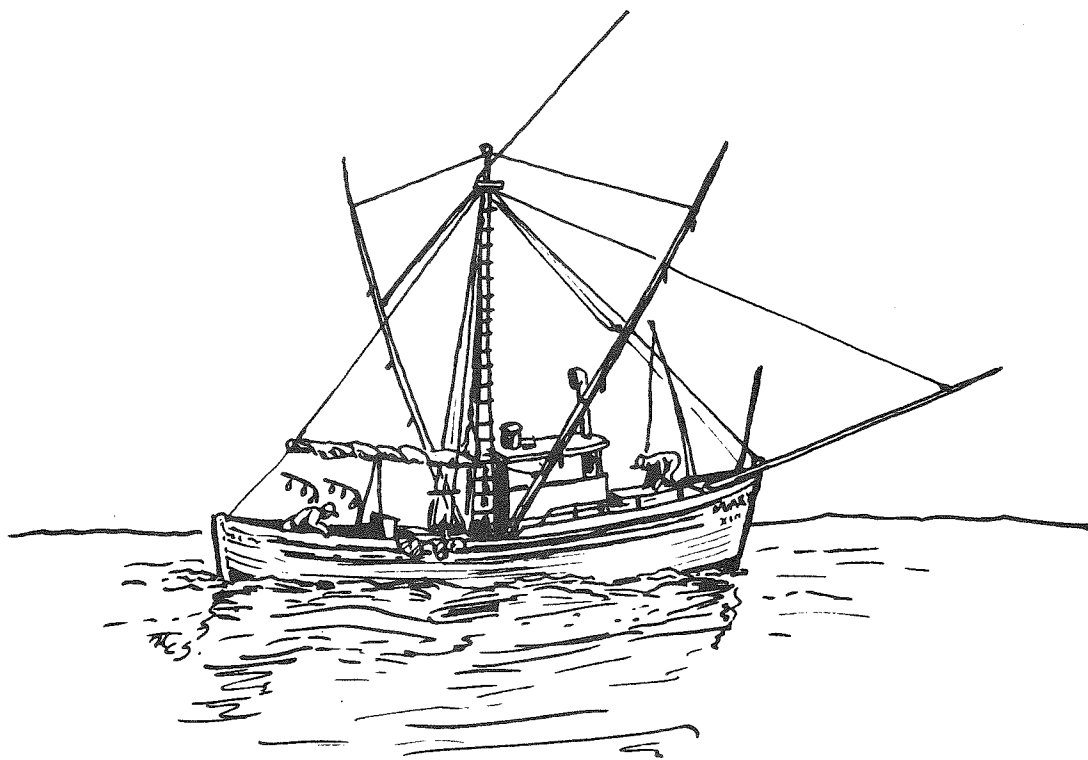


**1978  
Pounds and Value  
of  
Commercially Caught  
Fish and Shellfish  
Landed in Oregon**



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1978

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of Commercially Caught Fish and Shellfish  
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by

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Portland, OR 97208

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## FOREWORD

The statistics presented in this publication provide information on the amount and value of commercial food fish landings in the State of Oregon in 1978. This information is frequently requested by various government, industry, or private user groups for resource management, marketing, land use planning, or other needs. We have not attempted to explain management objectives, harvest methods, or trends in the commercial fisheries.

The joint efforts of many persons were required to assemble this material-- the commercial fishing industry, wholesale fish dealers, and Oregon Department of Fish and Wildlife personnel. Department biologists reviewed the accuracy of the reported information and data processing personnel spent many hours editing and entering the information for computer tabulation. To all of these people we extend our thanks.

## CONTENTS

|  | <u>Page</u> |
|--|-------------|
| Foreword . . . . .   | ii          |
| Explanation of tables. . . . .   | 1           |
| Fish species reported in the Oregon commercial catch . . . . .           | 4           |
| Type and number of commercial fishing licenses issued, 1969-78 . . . . . | 5           |
| Commercial food fish landings, 1969-78 . . . . .                         | 6           |
| Commercial food fish landings by port . . . . .                          | 7           |
| Monthly landings of commercial food fish . . . . .                       | 8           |
| Columbia River. . . . .  | 9           |
| Astoria . . . . .  | 10          |
| Nehalem Bay . . . . .  | 11          |
| Tillamook Bay . . . . .  | 11          |
| Netarts Bay . . . . .  | 12          |
| Pacific City. . . . .  | 12          |
| Siletz Bay. . . . .  | 12          |
| Depoe Bay . . . . .  | 12          |
| Newport . . . . .  | 13          |
| Waldport. . . . .  | 13          |
| Florence. . . . .  | 14          |
| Winchester Bay. . . . .  | 14          |
| Coos Bay. . . . .  | 15          |
| Bandon. . . . .  | 16          |
| Port Orford . . . . .  | 16          |
| Gold Beach. . . . .  | 17          |
| Brookings . . . . .  | 17          |
| Commercial food fish landings by gear. . . . .                           | 18          |
| Monthly landings of commercial food fish by gear . . . . .               | 19          |
| Columbia River. . . . .  | 22          |
| Astoria . . . . .  | 23          |
| Nehalem Bay . . . . .  | 24          |
| Tillamook Bay . . . . .  | 25          |
| Netarts Bay . . . . .  | 26          |
| Pacific City. . . . .  | 27          |
| Siletz Bay. . . . .  | 27          |
| Depoe Bay . . . . .  | 28          |
| Newport . . . . .  | 29          |
| Waldport. . . . .  | 31          |
| Florence. . . . .  | 31          |
| Winchester Bay. . . . .  | 32          |
| Coos Bay. . . . .  | 33          |
| Bandon. . . . .  | 35          |
| Port Orford . . . . .  | 36          |
| Gold Beach. . . . .  | 37          |
| Brookings . . . . .  | 38          |

|  | <u>Page</u> |
|--|-------------|
| Value of commercial food fish landings by port . . . . .       | 40          |
| Monthly value of commercial food fish landings . . . . .       | 41          |
| Columbia River. . . . .  | 42          |
| Astoria . . . . .  | 43          |
| Nehalem Bay . . . . .  | 44          |
| Tillamook Bay . . . . .  | 44          |
| Netarts Bay . . . . .  | 45          |
| Pacific City. . . . .  | 45          |
| Siletz Bay. . . . .  | 45          |
| Depoe Bay . . . . .  | 45          |
| Newport . . . . .  | 46          |
| Waldport. . . . .  | 46          |
| Florence. . . . .  | 47          |
| Winchester Bay. . . . .  | 47          |
| Coos Bay. . . . .  | 48          |
| Bandon. . . . .  | 49          |
| Port Orford . . . . .  | 49          |
| Gold Beach. . . . .  | 50          |
| Brookings . . . . .  | 50          |
| Oregon oyster production, 1969-78. . . . .                     | 51          |
| Salmon harvested by Oregon private salmon hatcheries . . . . . | 51          |

## EXPLANATION OF TABLES

### Source of data

Oregon law requires commercial fishermen to sell their catch to a licensed wholesale fish or bait dealer. At time of sale, the dealer must record certain information on a Fish Receiving Ticket form supplied by the Department. This information includes date of landing, unloading station, gear used to take the fish or shellfish, pounds landed by species, and price per pound paid to the fisherman. The fish tickets are returned to the Department where they are edited for accuracy and completeness prior to processing for tabulation.

### Landings

Commercial landings are reported for the Columbia River (Oregon landings only) and locations along the coast (Fig. 1). Coastal locations represent the major port or area of landing. These landings include ocean, bay or inland caught fish or shellfish. For ocean caught fish, port of landing does not necessarily indicate the area of catch as many boats fish coast-wide and return to their home port to land their catch. Bluefin, yellowfin, and skipjack tuna are generally caught off the coast of South America but are landed in Oregon for processing.

The common and scientific names of species reported in the commercial catch are shown in Table 1. Fish dealers are required to record each species landed; however, this is not always possible due to the difficulty in identifying certain species. The numerous rockfish species are recorded collectively as "rockfish." Pacific ocean perch landings also include several species of rockfish that are perch-like in appearance. Prior to 1978 both arrowtooth flounder and curlfin sole (turbot) were reported as "turbot" due to local name differences along the coast--all "turbot" landings were considered to be arrowtooth flounder since curlfin sole comprise only a minor portion of the total catch. This problem was resolved in 1978, and both species are now reported correctly.

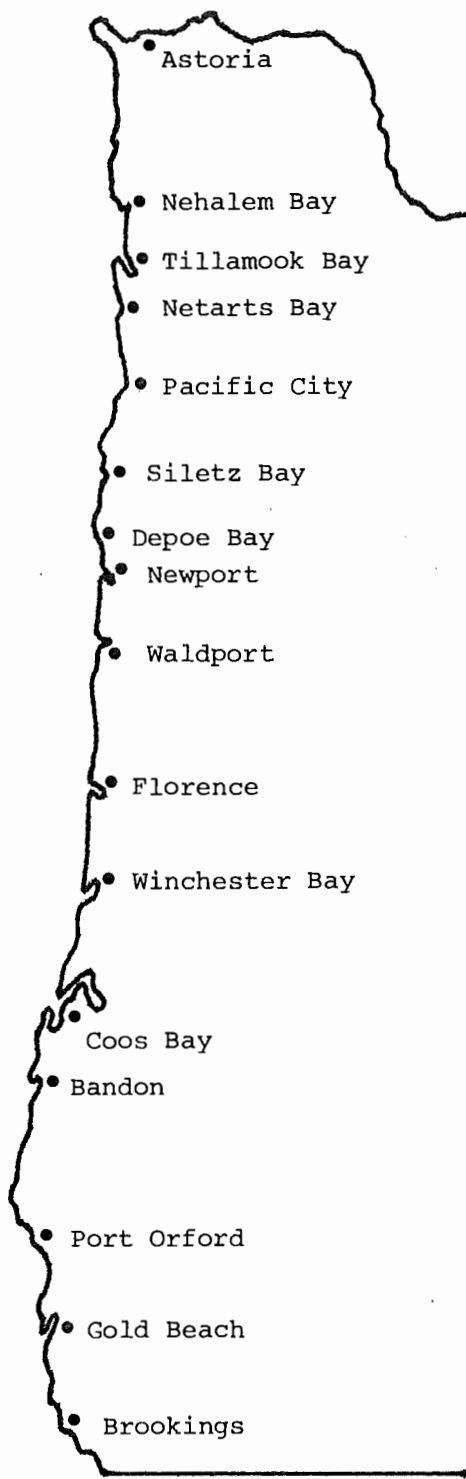


Figure 1. Oregon coastal ports.

All fish and shellfish landings, unless otherwise indicated, are reported as round (whole) weight. Certain species may be dressed or filleted prior to landing and the following percentages were used to convert these landings to pounds round weight:

|                            |        |
|----------------------------|--------|
| Salmon, troll dressed..... | + 15%  |
| Sablefish, dressed.....    | + 60%  |
| Halibut, dressed.....      | + 15%  |
| head-off.....              | + 35%  |
| Hake, filleted.....        | + 235% |

Landings by month reflect the date of purchase by a dealer. This may not necessarily be the date the fish were caught, as many vessels have the capability of holding fish for extended periods of time before returning to port. Further, fishermen are not required to sell their catch immediately upon landing, and they may store their catch in cold storage until prices improve or for whatever other reason they may have.

The trends portrayed in Table 3 (Annual Landings, 1969-78) are the result of many factors such as abundance of fish, market demand, technical advances, and regulations. Most fisheries reflect the effect of all these factors and caution should be used in interpreting or projecting trends.

#### Value of catch

Estimates of value are determined from price per pound information obtained from fish tickets and indicate the value of the catch to the fishermen. Where this information is not provided, value is determined by using the best alternative estimate of average price per pound; e.g., from nearby ports during the same time period. Due to computer rounding error, values may vary somewhat, but no significant effect on total value is expected.



Table 1. Common and scientific names of species reported in the Oregon commercial catch

| Common Name                 | Scientific Name  | Common Name        | Scientific Name                              |
|-----------------------------|--|--------------------|--|
| <b>FISHES</b>               |  | <b>FISHES</b>      |  |
| Anchovy, northern.....      | <i>Engraulis mordax</i>  | Steelhead.....     | <i>Salmo gairdneri</i>                       |
| Bass, striped.....          | <i>Morone saxatilis</i>  | Sturgeon           |  |
| Carp.....                   | <i>Cyprinus carpio</i>   | Green.....         | <i>Acipenser medirostris</i>                 |
| Cod, Pacific.....           | <i>Gadus macrocephalus</i>   | White.....         | <i>Acipenser transmontanus</i>               |
| Flounder                    |  | Surfperch.....     | Members of the family<br><i>Embiotocidae</i> |
| Arrowtooth.....             | <i>Atheresthes stomias</i>   | Tuna               |  |
| Starry.....                 | <i>Platichthys stellatus</i>   | Albacore.....      | <i>Thunnus alalunga</i>                      |
| Hake, Pacific.....          | <i>Merluccius productus</i>  | Bluefin.....       | <i>Thunnus thynnus</i>                       |
| Halibut, Pacific.....       | <i>Hippoglossus stenolepis</i>   | Skipjack.....      | <i>Euthynnus pelamis</i>                     |
| Herring, Pacific.....       | <i>Clupea harengus pallasii</i>  | Yellowfin.....     | <i>Thunnus albacares</i>                     |
| Lamprey, Pacific.....       | <i>Entosphenus tridentatus</i>   | Wolf-eel.....      | <i>Anarrhichthys ocellatus</i>               |
| Lingcod.....                | <i>Ophiodon elongatus</i>  |                    |  |
| Mackerel.....               | Members of the family<br><i>Carangidae and Scombridae</i>                        |                    |  |
| Rockfish                    |  | <b>CRUSTACEANS</b> |  |
| Miscellaneous rockfish..... | <i>Sebastes</i> spp.   | Crab               |  |
| Pacific Ocean Perch.....    | <i>Sebastes alutus</i>   | Dungeness.....     | <i>Cancer magister</i>                       |
| Sablefish.....              | <i>Anoplopoma fimbria</i>  | Rock.....          | <i>Cancer productus</i>                      |
| Salmon                      |  | Crayfish.....      | <i>Pacifastacus</i> spp.                     |
| Chinook.....                | <i>Oncorhynchus tshawytscha</i>  | Shrimp             |  |
| Chum.....                   | <i>Oncorhynchus keta</i>   | Ghost (Sand).....  | <i>Callinassa californensis</i>              |
| Coho.....                   | <i>Oncorhynchus kisutch</i>  | Pink.....          | <i>Pandalus jordani</i>                      |
| Pink.....                   | <i>Oncorhynchus gorbusha</i>   |                    |  |
| Sockeye.....                | <i>Oncorhynchus nerka</i>  |                    |  |
| Sanddab, Pacific.....       | <i>Citharichthys sordidus</i>  |                    |  |
| Shad, American.....         | <i>Alosa sapidissima</i>   |                    |  |
| Shark                       |  | <b>MOLLUSKS</b>    |  |
| Soupfin.....                | <i>Galeorhinus zyopterus</i>   | Clam               |  |
| Spiny dogfish.....          | <i>Squalus acanthias</i>   | Butter.....        | <i>Saxidomus giganteus</i>                   |
| Skates and Rays.....        | Members of the family<br><i>Rajidae, Rhinobatidae</i><br>and <i>Myliobatidae</i> | Cockle.....        | <i>Clinocardium nuttallii</i>                |
| Smelt.....                  | Members of the family<br><i>Osmeridae</i>  | Gaper.....         | <i>Tresus capax</i>                          |
| Sole                        |  | Littleneck.....    | <i>Venerupis</i> spp.                        |
| Butter.....                 | <i>Isopsetta isolepis</i>  | Razor.....         | <i>Siliqua patula</i>                        |
| Curlfin.....                | <i>Pleuronichthys decurrens</i>  | Softshell.....     | <i>Mya arenaria</i>                          |
| Dover.....                  | <i>Microstomus pacificus</i>   | Mussel.....        | <i>Mytilus</i> spp.                          |
| English.....                | <i>Parophrys vetulus</i>   | Octopus.....       | <i>Polypus</i> spp.                          |
| Flathead.....               | <i>Hippoglossoides elassodon</i>   | Shrimp             |  |
| Petrale.....                | <i>Eopsetta jordani</i>  | Kumomoto.....      | <i>Crassostrea gigas</i> var.                |
| Rex.....                    | <i>Glyptocephalus zachirus</i>   | Native.....        | <i>Ostrea lurida</i>                         |
| Rock.....                   | <i>Lepidopsetta bilineata</i>  | Pacific.....       | <i>Crassostrea gigas</i>                     |
| Sand.....                   | <i>Psettichthys melanostictus</i>  |                    |  |
| Slender.....                | <i>Lyopsetta exilis</i>  |                    |  |

Table 2. Type and number of commercial fishing licenses issued, 1969-78.

| Type                    | 1969 | 1970 | 1971  | 1972  | 1973  | 1974 | 1975 | 1976  | 1977  | 1978  |
|-------------------------|------|------|-------|-------|-------|------|------|-------|-------|-------|
| Albacore tuna landing.. | --   | --   | --    | --    | --    | 424  | 458  | 202   | 164   | 179   |
| Bait dealer.....        | --   | --   | 17    | 29    | 29    | 27   | 31   | 28    | 41    | 49    |
| Bait fishing.....       | --   | --   | 11    | 35    | 40    | 59   | 51   | 39    | 52    | 64    |
| Boat.....               | 3042 | 3025 | 3487  | 3314  | 3567  | 2978 | 3067 | 3452  | 4095  | 4359  |
| Boat, lost license..... | 6    | 10   | 6     | 2     | 6     | 15   | 13   | 11    | 5     | 15    |
| Buyer.....              | 95   | 102  | 118   | 135   | 121   | 103  | 85   | 101   | 102   | 96    |
| Canner, fish.....       | 17   | 15   | 17    | 18    | 17    | 17   | 17   | 13    | 14    | 13    |
| Canner, shellfish.....  | 4    | 5    | 4     | 2     | 1     | 1    | 1    | 2     | 2     | 3     |
| Fishing.....            | 5663 | 5584 | 6428  | 5989  | 6668  | 5556 | 5540 | 5990  | 7980  | 8566  |
| Fishing, lost license.. | 30   | 36   | 40    | 54    | 41    | 48   | 37   | 33    | 64    | 59    |
| Gillnet.....            | 582  | 498  | 696   | 588   | 598   | --   | --   | --    | --    | 730   |
| Setline.....            | 1    | 5    | 8     | 2     | 6     | --   | --   | --    | --    | --    |
| Setnet.....             | 97   | 121  | 130   | 91    | 159   | --   | --   | --    | --    | --    |
| Single delivery.....    | 287  | 269  | 203   | 384   | 382   | 110  | 106  | 88    | 66    | 77    |
| Special permit.....     | 13   | 13   | 4     | 111   | 124   | 169  | 249  | 225   | 213   | 214   |
| Wholesale.....          | 152  | 154  | 165   | 163   | 151   | 162  | 164  | 185   | 200   | 170   |
| TOTAL                   | 9989 | 9837 | 11334 | 10917 | 11910 | 9669 | 9819 | 10369 | 12998 | 14594 |

TABLE 3. COMMERCIAL FOOD FISH LANDINGS (POUNDS) IN OREGON, 1969-1978.

|                        | 1969     | 1970     | 1971     | 1972     | 1973     | 1974     | 1975      | 1976     | 1977      | 1978      |
|------------------------|----------|----------|----------|----------|----------|----------|-----------|----------|-----------|-----------|
| FISH:                  |          |          |          |          |          |          |           |          |           |           |
| Anchovy, northern....  | 1/       | 1/       | 1/       | 1/       | 1/       | 1/       | 39002     | 1500     | 200       | 300       |
| Bass, striped.....     | 38614    | 50051    | 67084    | 54449    | 39517    | 35151    | 18019     | 2/       | 2/        | 2/        |
| Cod, Pacific.....      | 49839    | 76397    | 483147   | 1075675  | 466186   | 700607   | 588029    | 628939   | 846913    | 931676    |
| Flounder, arrowtooth.. | 811 3/   | 865 3/   | 2078 3/  | 50903 3/ | 73159 3/ | 34060 3/ | 101812 3/ | 71280 3/ | 194708 3/ | 380564    |
| Flounder, starry.....  | 418003   | 585038   | 613714   | 521900   | 463583   | 613504   | 887588    | 1754995  | 746795    | 1211186   |
| Hake, Pac. (Whiting).. | 0        | 0        | 5935     | 0        | 62013    | 36416    | 6320      | 471987   | 974687    | 858049    |
| Halibut, Pacific.....  | 89700    | 95170    | 71601    | 68571    | 51601    | 67630    | 57878     | 58149    | 78500     | 62998     |
| Herring, Pacific.....  | 83998 4/ | 47933 4/ | 43728 4/ | 38726 4/ | 49218 4/ | 65629 4/ | 70867     | 83613    | 54874     | 137231    |
| Lamprey, Pacific.....  | 15102    | 3771     | 3000     | 1273     | 0        | 4000     | 3138      | 865      | 1481      | 9090      |
| Lingcod.....           | 1267825  | 1121325  | 1534302  | 1663760  | 2312925  | 2167563  | 1664442   | 1116570  | 996228    | 1180735   |
| Mackerel.....          | 0        | 0        | 0        | 0        | 276      | 473      | 5080      | 2987     | 3613      | 810       |
| Rockfish (misc. spp.)  | 5998067  | 4238572  | 4198673  | 5283943  | 4898304  | 4022363  | 3256941   | 5714320  | 6457698   | 11559767  |
| Pac. Oc. perch 5/..... | 937966   | 1612600  | 1738991  | 588244   | 570145   | 887044   | 921419    | 2332603  | 1446010   | 1934061   |
| Sablefish.....         | 531657   | 161845   | 274570   | 449010   | 1298698  | 601181   | 728981    | 1080658  | 921098    | 3816029   |
| Salmon, chinook.....   | 5235332  | 6311491  | 5013543  | 5085474  | 9595654  | 4911284  | 6534955   | 4820004  | 6953526   | 4543434   |
| Salmon, chum.....      | 2766     | 4883     | 3050     | 9960     | 11788    | 3272     | 4625      | 10111    | 810       | 13086     |
| Salmon, coho.....      | 4941033  | 13084479 | 11774660 | 6482926  | 7305423  | 10054741 | 5823540   | 11413708 | 3291276   | 4148041   |
| Salmon, pink.....      | 298555   | 1004     | 10412    | 132      | 16363    | 81       | 1041      | 6378     | 455566    | 281       |
| Salmon, sockeye.....   | 71397    | 40675    | 163440   | 153722   | 10944    | 21       | 7         | 399      | 210       | 50        |
| Sanddab, Pacific.....  | 46052    | 63049    | 60184    | 114467   | 193872   | 245392   | 365095    | 326960   | 243560    | 227027    |
| Shad, American.....    | 553229   | 698248   | 473822   | 640844   | 450747   | 264505   | 456758    | 412635   | 369780    | 671598    |
| Shark, soupfin.....    | 0        | 0        | 0        | 3755     | 343      | 1010     | 855       | 2982     | 1805      | 856       |
| Shark, spiny dogfish.. | 54698    | 17280    | 4115     | 514      | 906      | 12701    | 19367     | 13330    | 56090     | 160326    |
| Skates and Rays.....   | 1324     | 1137     | 707      | 1037     | 7477     | 13989    | 16180     | 254044   | 255298    | 401579    |
| Smelt.....             | 62808    | 148105   | 134246   | 133403   | 62244    | 424627   | 9147      | 19761    | 956275    | 7100      |
| Sole, butter.....      | 7228     | 0        | 0        | 0        | 2842     | 3411     | 22962     | 14586    | 48558     | 63498     |
| Sole, curlfin(turbot)  | 6/       | 6/       | 6/       | 6/       | 6/       | 6/       | 6/        | 6/       | 6/        | 10087     |
| Sole, Dover.....       | 5625388  | 5606116  | 5718550  | 6014291  | 4572561  | 5714525  | 4886918   | 5018116  | 4075203   | 7546417   |
| Sole, English.....     | 1809242  | 1887586  | 1804012  | 2195609  | 2378570  | 1786406  | 2173321   | 3602638  | 2171203   | 2283864   |
| Sole, flathead.....    | 0        | 0        | 0        | 0        | 0        | 0        | 33351     | 59968    | 22814     | 18127     |
| Sole, petrale.....     | 1858201  | 2151452  | 2290871  | 2206880  | 2244005  | 2746087  | 2654859   | 1764712  | 1818942   | 2246190   |
| Sole, rex.....         | 1214878  | 1076279  | 862727   | 1324442  | 1268203  | 1311021  | 1010607   | 1078871  | 952756    | 1431578   |
| Sole, rock.....        | 23658    | 4488     | 32495    | 2425     | 388      | 3549     | 26212     | 14230    | 20360     | 20164     |
| Sole, sand.....        | 533668   | 578476   | 465245   | 444261   | 401791   | 313835   | 470267    | 847841   | 466900    | 569098    |
| Sole, slender.....     | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 64        |
| Sole, miscellaneous..  | 492      | 3337     | 198      | 0        | 2030     | 2        | 13017     | 70492    | 16595     | 19252     |
| Steelhead.....         | 382936   | 186370   | 313129   | 457276   | 461329   | 129414   | 26529     | 33548    | 73000     | 74900     |
| Sturgeon, green.....   | 55385    | 40017    | 39920    | 33823    | 22247    | 85771    | 32974     | 40945    | 16721     | 34995     |
| Sturgeon, white.....   | 227857   | 172631   | 201708   | 202665   | 268582   | 271203   | 301284    | 483895   | 240962    | 181219    |
| Surfperch.....         | 1202     | 4838     | 5994     | 0        | 1572     | 6769     | 0         | 39       | 0         | 288       |
| Tuna, albacore.....    | 29827549 | 21797708 | 8419585  | 23056004 | 16338827 | 25224720 | 17165537  | 5933617  | 4420159   | 11285419  |
| Tuna, other.....       | 0        | 5139167  | 4672582  | 6177711  | 8086658  | 7815206  | 6418872   | 11415793 | 5478762   | 7112254   |
| Walleye.....           | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         |
| Wolf-eel.....          | 0        | 4137     | 0        | 0        | 0        | 0        | 505       | 285      | 145       | 688       |
| Miscellaneous 7/.....  | 2688032  | 2051413  | 1825248  | 750068   | 612377   | 742556   | 994620    | 631019   | 552768    | 122328    |
| CRUSTACEANS:           |          |          |          |          |          |          |           |          |           |           |
| Crab, Dungeness.....   | 9783998  | 14929347 | 14875849 | 6762259  | 2349645  | 3917625  | 4026937   | 8134065  | 19902419  | 12501274  |
| Crab, rock.....        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 863       |
| Crayfish.....          | 5266     | 39019    | 39537    | 8730     | 9942     | 12094    | 26559     | 11916    | 32494     | 11286     |
| Shrimp, ghost (sand).. | 4324     | 6349     | 8002     | 10082    | 12753    | 14628    | 19533     | 27303    | 33097     | 57325     |
| Shrimp, pink.....      | 10268433 | 13572174 | 9075006  | 20731151 | 24517194 | 20313760 | 24083568  | 25456007 | 48580070  | 56666109  |
| Shrimp, brine.....     | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         |
| MOLLUSKS:              |          |          |          |          |          |          |           |          |           |           |
| Clams, bay.....        | 47125    | 40690    | 58753    | 74130    | 34452    | 24956    | 27780     | 88029    | 75758     | 215031    |
| Clams, razor.....      | 8/       | 8/       | 8/       | 8/       | 8/       | 8/       | 40465     | 118016   | 45781     | 41455     |
| Mussels.....           | 0        | 0        | 0        | 0        | 0        | 0        | 728       | 666      | 312       | 818       |
| Octopus.....           | 1222     | 3048     | 2796     | 2886     | 11095    | 0        | 7244      | 14538    | 4049      | 16122     |
| Scallop, weathervane.. | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         |
| Oysters.....           | 481168   | 306810   | 278904   | 175720   | 198072   | 233528   | 213136    | 166128   | 233736    | 241168    |
| TOTAL                  | 85546028 | 97965370 | 77666113 | 93053689 | 91736521 | 95838310 | 86258871  | 95626041 | 114590565 | 135027755 |

1/ INCLUDED IN PACIFIC HERRING.

2/ NO COMMERCIAL SEASON.

3/ INCLUDES CURLFINS SOLE (TURBOT).

4/ INCLUDES NORTHERN ANCHOVY.

5/ INCLUDES ROCKFISH SIMILAR IN APPEARANCE TO PACIFIC OCEAN PERCH.

6/ INCLUDED IN ARROWTOOTH FLOUNDER.

7/ INCLUDES MINK FOOD, SCRAP, MISCELLANEOUS COD AND CARP.

8/ INCLUDED IN BAY CLAMS.

TABLE 4. COMMERCIAL FOOD FISH LANDINGS (POUNDS) BY PORT IN OREGON, 1978.

| SPECIES               | COLUMBIA RIVER 1/ | ASTORIA         | TILLAMOOK      | PACIFIC CITY  | DEPOE BAY     | NEWPORT         | FLORENCE      | WINCHESTER BAY | COOS BAY        | BANDON        | PORT ORFORD    | GOLD BEACH    | BROOKINGS       | OTHER 2/ LOCATIONS | TOTAL            |
|-----------------------|-------------------|-----------------|----------------|---------------|---------------|-----------------|---------------|----------------|-----------------|---------------|----------------|---------------|-----------------|--------------------|------------------|
| <b>FISH:</b>          |                   |                 |                |               |               |                 |               |                |                 |               |                |               |                 |                    |                  |
| Anchovy, northern.... | 0                 | 0               | 0              | 0             | 0             | 300             | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 300              |
| Cod, Pacific.....     | 0                 | 858457          | 11535          | 0             | 0             | 53205           | 0             | 0              | 8479            | 0             | 0              | 0             | 0               | 0                  | 931676           |
| Flounder, arrowtooth. | 0                 | 236466          | 86144          | 0             | 0             | 10232           | 0             | 300            | 20005           | 0             | 0              | 0             | 27417           | 0                  | 380564           |
| Flounder, starry....  | 127539            | 769859          | 1558           | 0             | 0             | 158720          | 0             | 138            | 137130          | 0             | 0              | 0             | 16242           | 0                  | 1211186          |
| Hake, Pac. (Whiting). | 0                 | 843850          | 1580           | 11            | 0             | 0               | 0             | 0              | 11548           | 0             | 0              | 0             | 1060            | 0                  | 858049           |
| Halibut, Pacific..... | 0                 | 31498           | 847            | 124           | 46            | 28487           | 316           | 327            | 1215            | 28            | 84             | 6             | 20              | 0                  | 62998            |
| Herring, Pacific..... | 0                 | 0               | 0              | 0             | 0             | 100851          | 0             | 35960          | 0               | 0             | 420            | 0             | 0               | 0                  | 137231           |
| Lamprey, Pacific..... | 9090              | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 59110          | 0             | 0               | 0                  | 9090             |
| Lingcod.....          | 0                 | 388652          | 29008          | 4492          | 1003          | 500451          | 168           | 15542          | 120422          | 3342          | 59110          | 3298          | 55247           | 0                  | 1180735          |
| Mackerel.....         | 0                 | 0               | 0              | 288           | 0             | 16              | 0             | 0              | 433             | 64            | 0              | 0             | 9               | 0                  | 810              |
| Rockfish (misc. spp.) | 0                 | 4511120         | 108122         | 22645         | 9430          | 3656689         | 5645          | 74834          | 1930309         | 34979         | 153303         | 25839         | 1027752         | 0                  | 11560667         |
| Pac. Oc. perch.....   | 0                 | 819924          | 16201          | 0             | 0             | 812631          | 0             | 20725          | 242462          | 0             | 13358          | 0             | 8760            | 0                  | 1934061          |
| Sablefish.....        | 0                 | 457917          | 50131          | 0             | 0             | 1334886         | 0             | 89450          | 1289255         | 0             | 494670         | 18            | 99703           | 0                  | 3816030          |
| Salmon, chinook.....  | 2362327           | 193990          | 71022          | 34485         | 25575         | 629863          | 27851         | 86159          | 453906          | 98021         | 225217         | 146547        | 188471          | 0                  | 4543434          |
| Salmon, chum.....     | 13012             | 74              | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 13086            |
| Salmon, coho.....     | 951778            | 266887          | 210643         | 251001        | 177114        | 817939          | 34688         | 334771         | 718292          | 80969         | 136078         | 61023         | 106858          | 0                  | 4148041          |
| Salmon, pink.....     | 0                 | 270             | 0              | 0             | 0             | 5               | 0             | 0              | 0               | 3             | 3              | 0             | 0               | 0                  | 281              |
| Salmon, sockeye.....  | 0                 | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 50               |
| Sanddab, Pacific..... | 50                | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 50               |
| Shad, American.....   | 437623            | 0               | 1232           | 0             | 0             | 0               | 0             | 2355           | 33143           | 0             | 160            | 0             | 4378            | 0                  | 227027           |
| Shark, soupfin.....   | 0                 | 0               | 0              | 0             | 0             | 35              | 0             | 0              | 412             | 0             | 0              | 0             | 409             | 0                  | 856              |
| Shark, spiny dogfish. | 0                 | 160145          | 0              | 0             | 0             | 181             | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 160326           |
| Skates and Rays.....  | 0                 | 392450          | 0              | 0             | 0             | 3545            | 0             | 0              | 5333            | 0             | 0              | 0             | 251             | 0                  | 401579           |
| Smelt.....            | 70                | 0               | 0              | 0             | 0             | 680             | 120           | 49             | 0               | 0             | 0              | 0             | 6181            | 0                  | 7100             |
| Sole, butter.....     | 0                 | 2209            | 0              | 0             | 0             | 25928           | 0             | 0              | 786             | 0             | 0              | 0             | 34575           | 0                  | 63498            |
| Sole, curlfin(turbot) | 0                 | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 8515            | 0             | 0              | 0             | 1572            | 0                  | 10087            |
| Sole, Dover.....      | 0                 | 2196773         | 115884         | 0             | 0             | 1867636         | 0             | 398784         | 2432536         | 0             | 94440          | 1             | 440363          | 0                  | 7546417          |
| Sole, English.....    | 0                 | 904500          | 16002          | 0             | 0             | 1047983         | 0             | 13607          | 152996          | 0             | 1946           | 0             | 146830          | 0                  | 2283864          |
| Sole, flathead.....   | 0                 | 770             | 0              | 0             | 0             | 0               | 0             | 0              | 17357           | 0             | 0              | 0             | 0               | 0                  | 18127            |
| Sole, petrale.....    | 0                 | 652956          | 24965          | 0             | 7             | 883373          | 0             | 65072          | 564921          | 0             | 14897          | 25            | 39974           | 0                  | 2246190          |
| Sole, rex.....        | 0                 | 1061120         | 14120          | 0             | 0             | 140068          | 0             | 4288           | 173869          | 0             | 7015           | 0             | 31098           | 0                  | 1431578          |
| Sole, rock.....       | 0                 | 100             | 0              | 0             | 0             | 20019           | 0             | 0              | 45              | 0             | 0              | 0             | 0               | 0                  | 20164            |
| Sole, sand.....       | 0                 | 326976          | 2536           | 0             | 0             | 148062          | 0             | 493            | 43464           | 0             | 0              | 0             | 47567           | 0                  | 569098           |
| Sole, slender.....    | 0                 | 64              | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 64               |
| Sole, miscellaneous.. | 0                 | 504             | 94             | 0             | 0             | 0               | 0             | 0              | 18009           | 0             | 0              | 0             | 645             | 0                  | 19252            |
| Steelhead.....        | 74900             | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 74900            |
| Sturgeon, green.....  | 31397             | 2104            | 0              | 0             | 0             | 1024            | 0             | 0              | 470             | 0             | 0              | 0             | 0               | 0                  | 34995            |
| Sturgeon, white.....  | 181084            | 65              | 0              | 0             | 0             | 70              | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 181219           |
| Surfperch.....        | 0                 | 260             | 0              | 0             | 0             | 28              | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 288              |
| Tuna, albacore.....   | 0                 | 5319693         | 300781         | 94105         | 160929        | 2517473         | 88666         | 230548         | 2284082         | 103185        | 2516           | 13558         | 169883          | 0                  | 11285419         |
| Tuna, bluefin.....    | 0                 | 155179          | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 155179           |
| Tuna, skipjack.....   | 0                 | 2853253         | 0              | 0             | 0             | 1014            | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 2854267          |
| Tuna, yellowfin.....  | 0                 | 4096524         | 0              | 0             | 0             | 6284            | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 4102808          |
| Wolf-eel.....         | 0                 | 0               | 0              | 0             | 0             | 339             | 0             | 0              | 349             | 0             | 0              | 0             | 0               | 0                  | 688              |
| Miscellaneous.....    | 0                 | 122154          | 0              | 0             | 0             | 0               | 0             | 174            | 0               | 0             | 0              | 0             | 0               | 0                  | 122328           |
| <b>CRUSTACEANS:</b>   |                   |                 |                |               |               |                 |               |                |                 |               |                |               |                 |                    |                  |
| Crab, Dungeness, Bay. | 0                 | 0               | 42584          | 46            | 0             | 2320            | 849           | 1950           | 27463           | 748           | 0              | 1105          | 0               | 606                | 77671            |
| Crab, Dungeness, Oc.. | 0                 | 2542671         | 805553         | 5691          | 10201         | 2676394         | 18674         | 751350         | 2529463         | 69980         | 1062602        | 20793         | 1930116         | 115                | 12423603         |
| Crab, rock.....       | 0                 | 0               | 0              | 0             | 0             | 863             | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 863              |
| Crayfish.....         | 11286             | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 11286            |
| Shrimp, ghost (sand). | 0                 | 1930            | 39330          | 2203          | 737           | 672             | 0             | 219            | 250             | 0             | 0              | 0             | 0               | 11984              | 57325            |
| Shrimp, pink.....     | 0                 | 7528946         | 3154794        | 0             | 0             | 20730187        | 0             | 850864         | 17280004        | 11179         | 651489         | 0             | 6458646         | 0                  | 56666109         |
| <b>MOLLUSKS:</b>      |                   |                 |                |               |               |                 |               |                |                 |               |                |               |                 |                    |                  |
| Clams, butter.....    | 0                 | 0               | 1303           | 0             | 0             | 149             | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 1452             |
| Clams, cockle.....    | 0                 | 0               | 518            | 0             | 0             | 0               | 0             | 0              | 2733            | 0             | 0              | 0             | 0               | 0                  | 3251             |
| Clams, gaper.....     | 0                 | 0               | 3              | 0             | 0             | 172265          | 0             | 0              | 36979           | 0             | 0              | 0             | 0               | 0                  | 209247           |
| Clams, littleneck.... | 0                 | 0               | 1045           | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 1045             |
| Clams, razor.....     | 0                 | 41418           | 12             | 0             | 0             | 0               | 25            | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 41455            |
| Clams, softshell..... | 0                 | 0               | 36             | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0               | 0                  | 36               |
| Mussels.....          | 0                 | 52              | 525            | 0             | 0             | 0               | 0             | 241            | 0               | 0             | 0              | 0             | 0               | 0                  | 818              |
| Octopus.....          | 0                 | 0               | 0              | 0             | 0             | 960             | 0             | 0              | 832             | 0             | 1896           | 0             | 12434           | 0                  | 16122            |
| <b>TOTAL</b>          | <b>4200156</b>    | <b>37855863</b> | <b>5108108</b> | <b>415091</b> | <b>385042</b> | <b>38423503</b> | <b>177002</b> | <b>3196353</b> | <b>30563289</b> | <b>402498</b> | <b>2919204</b> | <b>272213</b> | <b>10856461</b> | <b>12705</b>       | <b>134787488</b> |

1/ OREGON LANDINGS ONLY.

2/ LANDINGS AT NEHALEM BAY, NETARTS BAY, SILTZ BAY, AND WALDPORT.

TABLE 5. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH IN OREGON, 1978.

| SPECIES               | JANUARY        | FEBRUARY       | MARCH          | APRIL           | MAY             | JUNE            | JULY            | AUGUST          | SEPTEMBER       | OCTOBER        | NOVEMBER       | DECEMBER       | TOTAL            |
|-----------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|------------------|
| <b>FISH:</b>          |                |                |                |                 |                 |                 |                 |                 |                 |                |                |                |                  |
| Anchovy, northern.... | 0              | 0              | 0              | 0               | 0               | 0               | 0               | 0               | 300             | 0              | 0              | 0              | 300              |
| Cod, Pacific.....     | 5294           | 500            | 37604          | 103727          | 109236          | 235205          | 197975          | 91004           | 54913           | 65815          | 18756          | 11647          | 931676           |
| Flounder, arrowtooth. | 160            | 2247           | 13686          | 56965           | 25321           | 39551           | 45344           | 32182           | 36936           | 114832         | 11785          | 1555           | 380564           |
| Flounder, starry..... | 56198          | 91207          | 87762          | 34060           | 24577           | 130065          | 221841          | 168134          | 142579          | 184628         | 19154          | 50981          | 1211186          |
| Hake, Pac. (Whiting). | 0              | 0              | 0              | 0               | 37122           | 236954          | 240501          | 276152          | 43545           | 23775          | 0              | 0              | 858049           |
| Halibut, Pacific..... | 0              | 0              | 0              | 0               | 738             | 5495            | 18282           | 6015            | 32468           | 0              | 0              | 0              | 62998            |
| Herring, Pacific..... | 469            | 42083          | 14378          | 30852           | 729             | 8245            | 12603           | 25028           | 2844            | 0              | 0              | 0              | 137231           |
| Lamprey, Pacific..... | 0              | 0              | 0              | 0               | 0               | 325             | 8765            | 0               | 0               | 0              | 0              | 0              | 9090             |
| Lingcod.....          | 23080          | 16118          | 88212          | 81547           | 77071           | 169165          | 213271          | 169885          | 94811           | 167766         | 40269          | 39540          | 1180735          |
| Mackerel.....         | 0              | 0              | 0              | 0               | 0               | 19              | 176             | 205             | 111             | 299            | 0              | 0              | 810              |
| Rockfish (misc. spp.) | 277506         | 371322         | 1153351        | 517461          | 833089          | 1239647         | 1782562         | 1360855         | 1329149         | 1605157        | 654891         | 435677         | 11560667         |
| Pac. Oc. perch.....   | 131121         | 70554          | 80118          | 122667          | 154979          | 273372          | 197364          | 277038          | 87793           | 468455         | 31217          | 39383          | 1934061          |
| Sablefish.....        | 138291         | 27176          | 72191          | 105578          | 158255          | 348845          | 478721          | 613039          | 862269          | 639331         | 259642         | 112692         | 3816030          |
| Salmon, chinook.....  | 0              | 81300          | 144129         | 5316            | 36790           | 457547          | 717231          | 1239215         | 1457904         | 307251         | 96751          | 0              | 4543434          |
| Salmon, chum.....     | 0              | 0              | 0              | 0               | 0               | 0               | 0               | 1               | 29              | 4826           | 8230           | 0              | 13086            |
| Salmon, coho.....     | 0              | 0              | 0              | 0               | 0               | 1403997         | 1184316         | 545115          | 457124          | 423121         | 134368         | 0              | 4148041          |
| Salmon, pink.....     | 0              | 0              | 0              | 0               | 0               | 0               | 8               | 8               | 0               | 265            | 0              | 0              | 281              |
| Salmon, sockeye.....  | 0              | 0              | 0              | 0               | 0               | 0               | 0               | 0               | 9               | 41             | 0              | 0              | 50               |
| Sanddab, Pacific..... | 23313          | 8728           | 41335          | 20289           | 5821            | 13999           | 21248           | 20577           | 5305            | 27415          | 16835          | 22162          | 227027           |
| Shad, American.....   | 0              | 0              | 0              | 1194            | 125630          | 536437          | 8153            | 0               | 99              | 82             | 3              | 0              | 671598           |
| Shark, soupfin.....   | 358            | 26             | 54             | 0               | 0               | 0               | 38              | 0               | 28              | 124            | 73             | 155            | 856              |
| Shark, spiny dogfish. | 30             | 24642          | 34925          | 38921           | 6905            | 0               | 0               | 0               | 19038           | 7925           | 8325           | 19615          | 160326           |
| Skates and Rays.....  | 9170           | 20495          | 76138          | 70923           | 20993           | 89375           | 49992           | 20750           | 12663           | 24504          | 3384           | 3192           | 401579           |
| Smelt.....            | 70             | 0              | 0              | 0               | 30              | 80              | 3421            | 3019            | 480             | 0              | 0              | 0              | 7100             |
| Sole, butter.....     | 17898          | 9220           | 6803           | 917             | 4334            | 1704            | 3420            | 3925            | 263             | 5083           | 6543           | 3388           | 63498            |
| Sole, curlfin(turbot) | 0              | 0              | 2644           | 586             | 300             | 2967            | 1996            | 1207            | 37              | 350            | 0              | 0              | 10087            |
| Sole, Dover.....      | 66153          | 61061          | 303277         | 476612          | 413157          | 1268274         | 877057          | 1083373         | 811539          | 1144650        | 568245         | 473019         | 7546417          |
| Sole, English.....    | 219911         | 99880          | 167380         | 61211           | 58092           | 133541          | 264424          | 262619          | 187273          | 399011         | 220719         | 209803         | 2283864          |
| Sole, flathead.....   | 3758           | 2980           | 4186           | 452             | 79              | 791             | 1368            | 979             | 1601            | 413            | 0              | 0              | 1827             |
| Sole, petrale.....    | 156124         | 105199         | 250501         | 218912          | 188535          | 280643          | 313546          | 156448          | 97387           | 203705         | 139496         | 135694         | 2246190          |
| o Sole, rex.....      | 67623          | 65622          | 147506         | 118476          | 44401           | 219667          | 257935          | 219274          | 83692           | 109666         | 54333          | 43383          | 1431578          |
| Sole, rock.....       | 0              | 170            | 6471           | 74              | 615             | 4095            | 4080            | 1933            | 2180            | 495            | 51             | 0              | 20164            |
| Sole, sand.....       | 25551          | 22111          | 51782          | 23659           | 32246           | 13634           | 138336          | 52401           | 65032           | 85405          | 39713          | 19228          | 569098           |
| Sole, slender.....    | 0              | 0              | 0              | 0               | 0               | 0               | 64              | 0               | 0               | 0              | 0              | 0              | 64               |
| Sole, miscellaneous.. | 49             | 9461           | 1166           | 665             | 0               | 0               | 0               | 0               | 5538            | 0              | 0              | 2373           | 19252            |
| Steelhead.....        | 1934           | 2172           | 5836           | 242             | 0               | 0               | 0               | 8068            | 52523           | 4125           | 0              | 0              | 74900            |
| Sturgeon, green.....  | 75             | 276            | 575            | 58              | 1028            | 240             | 1340            | 30047           | 823             | 408            | 125            | 0              | 34995            |
| Sturgeon, white.....  | 321            | 16480          | 27020          | 10270           | 4817            | 73              | 40              | 66694           | 28448           | 20740          | 6246           | 70             | 181219           |
| Surfperch.....        | 0              | 0              | 260            | 0               | 0               | 0               | 0               | 0               | 0               | 0              | 0              | 28             | 288              |
| Tuna, albacore.....   | 0              | 1753           | 0              | 0               | 0               | 0               | 871812          | 7073991         | 3036645         | 301053         | 165            | 0              | 11285419         |
| Tuna, bluefin.....    | 0              | 0              | 0              | 0               | 0               | 0               | 0               | 155179          | 0               | 0              | 0              | 0              | 155179           |
| Tuna, skipjack.....   | 0              | 2828           | 780856         | 810271          | 200430          | 0               | 616947          | 152401          | 0               | 0              | 290534         | 0              | 2854267          |
| Tuna, yellowfin.....  | 0              | 13890          | 576257         | 391808          | 1011128         | 0               | 646161          | 739311          | 0               | 0              | 724253         | 0              | 4102808          |
| Wolf-eel.....         | 20             | 23             | 90             | 96              | 10              | 20              | 350             | 0               | 65              | 14             | 0              | 0              | 688              |
| Miscellaneous.....    | 6600           | 0              | 0              | 0               | 12207           | 27442           | 15481           | 32318           | 12303           | 15321          | 656            | 0              | 122328           |
| <b>CRUSTACEANS:</b>   |                |                |                |                 |                 |                 |                 |                 |                 |                |                |                |                  |
| Crab, Dungeness, Bay. | 1119           | 1327           | 3852           | 1926            | 1056            | 1419            | 3861            | 9354            | 5685            | 10030          | 27410          | 10632          | 77671            |
| Crab, Dungeness, Oc.  | 2489309        | 1316884        | 899987         | 761541          | 294256          | 174416          | 93614           | 135603          | 111956          | 2              | 1848           | 6144187        | 12423603         |
| Crab, rock.....       | 0              | 0              | 0              | 0               | 0               | 238             | 0               | 281             | 160             | 90             | 0              | 94             | 863              |
| Crayfish.....         | 0              | 0              | 0              | 0               | 0               | 907             | 2819            | 3827            | 3474            | 259            | 0              | 0              | 11286            |
| Shrimp, ghost (sand). | 549            | 2105           | 7591           | 5859            | 7331            | 7033            | 7354            | 6602            | 5649            | 4186           | 2657           | 409            | 57325            |
| Shrimp, pink.....     | 0              | 0              | 0              | 10314777        | 11358645        | 12730599        | 10516128        | 6276663         | 4539614         | 929683         | 0              | 0              | 56666109         |
| <b>MOLLUSKS:</b>      |                |                |                |                 |                 |                 |                 |                 |                 |                |                |                |                  |
| Clams, butter.....    | 0              | 0              | 0              | 0               | 0               | 0               | 149             | 39              | 774             | 490            | 0              | 0              | 1452             |
| Clams, cockle.....    | 0              | 0              | 30             | 649             | 1088            | 771             | 335             | 63              | 0               | 315            | 0              | 0              | 3251             |
| Clams, gaper.....     | 0              | 0              | 0              | 0               | 0               | 0               | 27997           | 50759           | 66844           | 54208          | 9439           | 0              | 209247           |
| Clams, littleneck.... | 0              | 0              | 0              | 0               | 0               | 0               | 0               | 107             | 655             | 283            | 0              | 0              | 1045             |
| Clams, razor.....     | 840            | 1789           | 3501           | 9596            | 14067           | 6509            | 1556            | 844             | 514             | 997            | 932            | 310            | 41455            |
| Clams, softshell..... | 0              | 0              | 0              | 0               | 0               | 0               | 36              | 0               | 0               | 0              | 0              | 0              | 36               |
| Mussels.....          | 0              | 0              | 0              | 71              | 222             | 25              | 0               | 0               | 0               | 0              | 0              | 500            | 818              |
| Octopus.....          | 1505           | 1282           | 2265           | 605             | 421             | 492             | 478             | 337             | 459             | 1790           | 2041           | 4447           | 16122            |
| <b>TOTAL</b>          | <b>3724399</b> | <b>2492911</b> | <b>5093459</b> | <b>14399093</b> | <b>15265751</b> | <b>20063823</b> | <b>20070496</b> | <b>21372869</b> | <b>13761530</b> | <b>7358384</b> | <b>3399089</b> | <b>7785684</b> | <b>134787488</b> |

TABLE 6 MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH FROM THE COLUMBIA RIVER, 1978. 1/

| SPECIES               | JANUARY | FEBRUARY | MARCH  | APRIL | MAY   | JUNE   | JULY  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------|---------|----------|--------|-------|-------|--------|-------|--------|-----------|---------|----------|----------|---------|
| BELOW BONNEVILLE DAM  |         |          |        |       |       |        |       |        |           |         |          |          |         |
| FISH:                 |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Flounder, starry..... | 0       | 19240    | 32027  | 0     | 0     | 0      | 184   | 63746  | 5454      | 5884    | 1004     | 0        | 127539  |
| Lamprey, Pacific..... | 0       | 0        | 0      | 0     | 0     | 325    | 8765  | 0      | 0         | 0       | 0        | 0        | 9090    |
| Salmon, chinook.....  | 0       | 80483    | 130293 | 0     | 0     | 1362   | 1923  | 724267 | 794712    | 165602  | 23531    | 0        | 1922173 |
| Salmon, chum.....     | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 1      | 29        | 4752    | 8230     | 0        | 13012   |
| Salmon, coho.....     | 0       | 0        | 0      | 0     | 0     | 54     | 0     | 5177   | 386942    | 412447  | 134358   | 0        | 938978  |
| Salmon, sockeye.....  | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 0         | 16      | 0        | 0        | 16      |
| Shad, American.....   | 0       | 0        | 0      | 0     | 7166  | 403389 | 8153  | 0      | 99        | 82      | 3        | 0        | 418892  |
| Smelt.....            | 70      | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 0         | 0       | 0        | 0        | 70      |
| Steelhead.....        | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 29        | 0       | 0        | 0        | 29      |
| Sturgeon, green.....  | 0       | 0        | 116    | 0     | 0     | 38     | 150   | 29995  | 697       | 365     | 36       | 0        | 31397   |
| Sturgeon, white.....  | 321     | 16480    | 26777  | 7456  | 135   | 48     | 0     | 63115  | 24973     | 19944   | 6246     | 0        | 165495  |
| CRUSTACEANS:          |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Crayfish.....         | 0       | 0        | 0      | 0     | 0     | 907    | 2819  | 3827   | 3474      | 259     | 0        | 0        | 11286   |
| TOTAL                 | 391     | 116203   | 189213 | 7456  | 7301  | 406123 | 21994 | 890128 | 1216409   | 609351  | 173408   | 0        | 3637977 |
| ABOVE BONNEVILLE DAM  |         |          |        |       |       |        |       |        |           |         |          |          |         |
| FISH:                 |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Salmon, chinook.....  | 0       | 817      | 13836  | 5145  | 1513  | 510    | 0     | 18599  | 389328    | 10406   | 0        | 0        | 440154  |
| Salmon, coho.....     | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 168    | 11971     | 661     | 0        | 0        | 12800   |
| Salmon, sockeye.....  | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 9         | 25      | 0        | 0        | 34      |
| Shad, American.....   | 0       | 0        | 0      | 0     | 0     | 18731  | 0     | 0      | 0         | 0       | 0        | 0        | 18731   |
| Steelhead.....        | 1934    | 2172     | 5836   | 242   | 0     | 0      | 0     | 8068   | 52494     | 4125    | 0        | 0        | 74871   |
| Sturgeon, white.....  | 0       | 0        | 243    | 2814  | 4682  | 0      | 0     | 3579   | 3475      | 796     | 0        | 0        | 15589   |
| TOTAL                 | 1934    | 2989     | 19915  | 8201  | 6195  | 19241  | 0     | 30414  | 457277    | 16013   | 0        | 0        | 562179  |
| TOTAL                 | 2325    | 119192   | 209128 | 15657 | 13496 | 425364 | 21994 | 920542 | 1673686   | 625364  | 173408   | 0        | 4200156 |

1/ OREGON LANDINGS ONLY.

TABLE 7. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT ASTORIA, 1971 1/ 2/

| SPECIES               | JANUARY       | FEBRUARY      | MARCH          | APRIL          | MAY            | JUNE           | JULY           | AUGUST         | SEPTEMBER      | OCTOBER        | NOVEMBER       | DECEMBER      | TOTAL           |
|-----------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|-----------------|
| <b>FISH:</b>          |               |               |                |                |                |                |                |                |                |                |                |               |                 |
| Cod, Pacific.....     | 4328          | 500           | 37604          | 101731         | 96341          | 213667         | 176469         | 85910          | 53964          | 65102          | 13433          | 9408          | 858457          |
| Flounder, arrowtooth. | 160           | 7             | 10771          | 55440          | 22440          | 34819          | 31103          | 22416          | 22653          | 36657          | 0              | 0             | 236466          |
| Flounder, starry..... | 14609         | 12510         | 28111          | 11240          | 12432          | 126163         | 190557         | 86516          | 110065         | 148531         | 9105           | 20020         | 769859          |
| Hake, Pac. (Whiting). | 0             | 0             | 0              | 0              | 37122          | 236184         | 229960         | 273374         | 43435          | 23775          | 0              | 0             | 843850          |
| Halibut, Pacific..... | 0             | 0             | 0              | 0              | 476            | 100            | 10             | 54             | 30858          | 0              | 0              | 0             | 31498           |
| Lingcod.....          | 7866          | 5925          | 44806          | 42562          | 32915          | 42345          | 56608          | 58815          | 27413          | 66508          | 1320           | 1569          | 388652          |
| Rockfish (misc. spp.) | 107478        | 178276        | 578030         | 289374         | 466459         | 421044         | 934593         | 363388         | 474500         | 644159         | 41795          | 12024         | 4511120         |
| Pac. Oc. perch.....   | 7685          | 1517          | 80             | 28743          | 64199          | 122236         | 101566         | 118267         | 47441          | 327680         | 0              | 510           | 819924          |
| Sablefish.....        | 48            | 0             | 0              | 19795          | 16286          | 45471          | 98958          | 127825         | 50812          | 82350          | 8628           | 7743          | 457916          |
| Salmon, chinook.....  | 0             | 0             | 0              | 0              | 12630          | 67886          | 66831          | 12835          | 1734           | 32074          | 0              | 0             | 193990          |
| Salmon, chum.....     | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 74             | 0              | 0             | 74              |
| Salmon, coho.....     | 0             | 0             | 0              | 0              | 0              | 84468          | 117691         | 46040          | 11776          | 6912           | 0              | 0             | 266887          |
| Salmon, pink.....     | 0             | 0             | 0              | 0              | 0              | 0              | 3              | 2              | 0              | 265            | 0              | 0             | 270             |
| Sanddab, Pacific..... | 7332          | 5766          | 24269          | 15733          | 4090           | 8341           | 17282          | 12643          | 3652           | 9239           | 2205           | 3531          | 114083          |
| Shark, spiny dogfish. | 0             | 24612         | 34915          | 38918          | 6905           | 0              | 0              | 0              | 19010          | 7925           | 8245           | 19615         | 160145          |
| Skates and Rays.....  | 9070          | 20420         | 75145          | 70912          | 20993          | 89375          | 49870          | 20750          | 12220          | 21495          | 0              | 2200          | 392450          |
| Sole, butter.....     | 0             | 0             | 0              | 0              | 16             | 176            | 2008           | 6              | 3              | 0              | 0              | 0             | 2209            |
| Sole, Dover.....      | 29            | 417           | 31892          | 99854          | 183793         | 525790         | 482154         | 440941         | 192307         | 191531         | 36961          | 11104         | 2196773         |
| Sole, English.....    | 70646         | 41662         | 70306          | 22791          | 21097          | 78146          | 131007         | 146883         | 128786         | 140693         | 39038          | 13445         | 904500          |
| Sole, flathead.....   | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 2              | 495            | 273            | 0              | 0             | 770             |
| Sole, petrale.....    | 43273         | 21907         | 69562          | 123132         | 113884         | 87442          | 49091          | 34026          | 35892          | 57361          | 3729           | 13657         | 652956          |
| Sole, rex.....        | 35496         | 33709         | 87814          | 98255          | 36135          | 194019         | 226984         | 197399         | 68600          | 62516          | 5132           | 15061         | 1061120         |
| Sole, rock.....       | 0             | 100           | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 100             |
| Sole, sand.....       | 3567          | 6060          | 30827          | 9430           | 3305           | 1295           | 107484         | 38317          | 48955          | 47995          | 26295          | 3446          | 326976          |
| Sole, slender.....    | 0             | 0             | 0              | 0              | 0              | 0              | 64             | 0              | 0              | 0              | 0              | 0             | 64              |
| Sole, miscellaneous.. | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 504            | 0              | 0              | 0             | 504             |
| Sturgeon, green.....  | 0             | 16            | 167            | 58             | 550            | 60             | 1163           | 20             | 0              | 0              | 70             | 0             | 2104            |
| Sturgeon, white.....  | 0             | 0             | 0              | 0              | 0              | 25             | 40             | 0              | 0              | 0              | 0              | 0             | 65              |
| Surfperch.....        | 0             | 0             | 0              | 260            | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 260             |
| Tuna, albacore.....   | 0             | 1323          | 0              | 0              | 0              | 0              | 166927         | 3429286        | 1484128        | 237864         | 165            | 0             | 5319693         |
| Tuna, bluefin.....    | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 155179         | 0              | 0              | 0              | 0             | 155179          |
| Tuna, skipjack.....   | 0             | 1814          | 780856         | 810271         | 200430         | 0              | 616947         | 152401         | 0              | 0              | 290534         | 0             | 2853253         |
| Tuna, yellowfin.....  | 0             | 7606          | 576257         | 391808         | 1011128        | 0              | 646161         | 739311         | 0              | 0              | 724253         | 0             | 4096524         |
| Miscellaneous.....    | 6600          | 0             | 0              | 0              | 12207          | 27442          | 15307          | 32318          | 12303          | 15321          | 656            | 0             | 122154          |
| <b>CRUSTACEANS:</b>   |               |               |                |                |                |                |                |                |                |                |                |               |                 |
| Crab, Dungeness, Oc.. | 647521        | 363507        | 297612         | 249190         | 118727         | 46142          | 39952          | 36948          | 10705          | 0              | 0              | 732367        | 2542671         |
| Shrimp, ghost (sand). | 0             | 0             | 150            | 0              | 0              | 330            | 660            | 480            | 240            | 70             | 0              | 0             | 1930            |
| Shrimp, pink.....     | 0             | 0             | 0              | 1611004        | 1619273        | 1715239        | 1848461        | 477492         | 174520         | 82957          | 0              | 0             | 7528946         |
| <b>MOLLUSKS:</b>      |               |               |                |                |                |                |                |                |                |                |                |               |                 |
| Clams, razor.....     | 840           | 1789          | 3501           | 9596           | 14055          | 6509           | 1531           | 844            | 514            | 997            | 932            | 310           | 41418           |
| Mussels.....          | 0             | 0             | 0              | 0              | 52             | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 52              |
| <b>TOTAL</b>          | <b>966548</b> | <b>729443</b> | <b>2782675</b> | <b>4100097</b> | <b>4127940</b> | <b>4174714</b> | <b>6407442</b> | <b>7110688</b> | <b>3067485</b> | <b>2310324</b> | <b>1212496</b> | <b>866010</b> | <b>37855862</b> |

1/ OCEAN LANDINGS ONLY; SEE TABLE 6 FOR COLUMBIA RIVER LANDINGS.  
 2/ INCLUDES LANDINGS AT WARRENTON, HAMMOND, GEARHART, AND SEASIDE.

10

TABLE 8. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT NEHALEM BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| CRUSTACEANS:          |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 0    | 19   | 49     | 0         | 0       | 0        | 0        | 68    |
| TOTAL                 |         |          |       |       |     |      | 19   | 49     |           |         |          |          | 68    |

TABLE 9. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT TILLAMOOK BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL  | MAY    | JUNE    | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------|---------|----------|-------|--------|--------|---------|--------|--------|-----------|---------|----------|----------|---------|
| FISH:                 |         |          |       |        |        |         |        |        |           |         |          |          |         |
| Cod, Pacific.....     | 0       | 0        | 0     | 174    | 321    | 1859    | 823    | 2102   | 573       | 653     | 3736     | 1294     | 11535   |
| Flounder, arrowtooth. | 0       | 0        | 0     | 0      | 599    | 125     | 454    | 1291   | 7645      | 66066   | 9693     | 271      | 86144   |
| Flounder, starry..... | 0       | 0        | 0     | 0      | 4      | 1007    | 0      | 0      | 521       | 26      | 0        | 0        | 1558    |
| Hake, Pac. (Whiting). | 0       | 0        | 0     | 0      | 0      | 0       | 60     | 1520   | 0         | 0       | 0        | 0        | 1580    |
| Halibut, Pacific..... | 0       | 0        | 0     | 0      | 0      | 129     | 455    | 263    | 0         | 0       | 0        | 0        | 847     |
| Lingcod.....          | 1296    | 15       | 24    | 1036   | 2435   | 3403    | 2859   | 3433   | 2742      | 8521    | 2729     | 515      | 29008   |
| Rockfish (misc. spp.) | 1831    | 61       | 269   | 4548   | 9508   | 23480   | 15058  | 20760  | 11928     | 13891   | 6186     | 602      | 108122  |
| Pac. Oc. perch.....   | 0       | 0        | 0     | 27     | 181    | 550     | 149    | 2164   | 4547      | 6377    | 2206     | 0        | 16201   |
| Sablefish.....        | 0       | 0        | 0     | 0      | 292    | 1821    | 1160   | 3862   | 7583      | 32021   | 3392     | 0        | 50131   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0      | 331    | 23687   | 33215  | 9589   | 1888      | 2312    | 0        | 0        | 71022   |
| Salmon, coho.....     | 0       | 0        | 0     | 0      | 0      | 104276  | 80216  | 23149  | 2749      | 253     | 0        | 0        | 210643  |
| Sanddab, Pacific..... | 0       | 0        | 0     | 0      | 0      | 1007    | 0      | 0      | 156       | 0       | 69       | 0        | 1232    |
| Sole, Dover.....      | 0       | 0        | 0     | 317    | 2975   | 6848    | 1645   | 3808   | 14386     | 70300   | 14634    | 971      | 115884  |
| Sole, English.....    | 7482    | 915      | 0     | 0      | 202    | 540     | 0      | 0      | 1033      | 273     | 2279     | 3278     | 16002   |
| Sole, petrale.....    | 1816    | 103      | 0     | 500    | 746    | 2378    | 563    | 764    | 2964      | 6710    | 4843     | 3578     | 24965   |
| Sole, rex.....        | 4123    | 466      | 0     | 33     | 342    | 1285    | 312    | 436    | 915       | 2651    | 1555     | 2002     | 14120   |
| Sole, sand.....       | 263     | 0        | 0     | 0      | 45     | 2214    | 0      | 14     | 0         | 0       | 0        | 0        | 2536    |
| Sole, miscellaneous.. | 49      | 0        | 0     | 45     | 0      | 0       | 0      | 0      | 0         | 0       | 0        | 0        | 94      |
| Tuna, albacore.....   | 0       | 0        | 0     | 0      | 0      | 0       | 26237  | 179545 | 89937     | 5062    | 0        | 0        | 300781  |
| CRUSTACEANS:          |         |          |       |        |        |         |        |        |           |         |          |          |         |
| Crab, Dungeness, Bay. | 872     | 357      | 793   | 861    | 274    | 241     | 3087   | 9354   | 4949      | 6179    | 10953    | 4664     | 42584   |
| Crab, Dungeness, Oc.. | 134879  | 91101    | 78170 | 94564  | 57147  | 38205   | 22344  | 37547  | 12097     | 0       | 0        | 239499   | 805553  |
| Shrimp, ghost (sand). | 536     | 1750     | 5544  | 4294   | 5746   | 4594    | 4175   | 4072   | 3086      | 3597    | 1527     | 409      | 39330   |
| Shrimp, pink.....     | 0       | 0        | 0     | 727401 | 551348 | 1061925 | 397537 | 371348 | 41735     | 3500    | 0        | 0        | 3154794 |
| MOLLUSKS:             |         |          |       |        |        |         |        |        |           |         |          |          |         |
| Clams, butter.....    | 0       | 0        | 0     | 0      | 0      | 0       | 0      | 39     | 774       | 490     | 0        | 0        | 1303    |
| Clams, cockle.....    | 0       | 0        | 30    | 19     | 38     | 0       | 53     | 63     | 0         | 315     | 0        | 0        | 518     |
| Clams, gaper.....     | 0       | 0        | 0     | 0      | 0      | 0       | 0      | 0      | 0         | 3       | 0        | 0        | 3       |
| Clams, littleneck.... | 0       | 0        | 0     | 0      | 0      | 0       | 0      | 107    | 655       | 283     | 0        | 0        | 1045    |
| Clams, razor.....     | 0       | 0        | 0     | 0      | 12     | 0       | 0      | 0      | 0         | 0       | 0        | 0        | 12      |
| Clams, softshell..... | 0       | 0        | 0     | 0      | 0      | 0       | 36     | 0      | 0         | 0       | 0        | 0        | 36      |
| Mussels.....          | 0       | 0        | 0     | 0      | 0      | 25      | 0      | 0      | 0         | 0       | 0        | 500      | 525     |
| TOTAL                 | 153147  | 94768    | 84830 | 833819 | 632546 | 1279599 | 590438 | 675230 | 212863    | 229483  | 63802    | 257583   | 5108108 |



TABLE 10. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT NETARTS BAY 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| CRUSTACEANS:          |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 26  | 47   | 133  | 0      | 0         | 0       | 0        | 0        | 206   |
| TOTAL                 |         |          |       |       | 26  | 47   | 133  |        |           |         |          |          | 206   |

TABLE 11. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT PACIFIC CITY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE  | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|-----|-------|--------|--------|-----------|---------|----------|----------|--------|
| FISH:                 |         |          |       |       |     |       |        |        |           |         |          |          |        |
| Hake, Pac. (Whiting). | 0       | 0        | 0     | 0     | 0   | 0     | 11     | 0      | 0         | 0       | 0        | 0        | 11     |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0   | 29    | 0      | 84     | 11        | 0       | 0        | 0        | 124    |
| Lingcod.....          | 0       | 0        | 0     | 0     | 51  | 1004  | 1409   | 1474   | 288       | 266     | 0        | 0        | 4492   |
| Mackerel.....         | 0       | 0        | 0     | 0     | 0   | 5     | 111    | 168    | 4         | 0       | 0        | 0        | 288    |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 145 | 3498  | 6720   | 10754  | 1429      | 99      | 0        | 0        | 22645  |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 21  | 6590  | 13443  | 12502  | 979       | 950     | 0        | 0        | 34485  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0   | 81779 | 118171 | 47311  | 3573      | 167     | 0        | 0        | 251001 |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0   | 0     | 0      | 76167  | 10396     | 7542    | 0        | 0        | 94105  |
| CRUSTACEANS:          |         |          |       |       |     |       |        |        |           |         |          |          |        |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0   | 46    | 0      | 0      | 0         | 0       | 0        | 0        | 46     |
| Crab, Dungeness, Oc.. | 1838    | 2160     | 804   | 0     | 0   | 607   | 121    | 161    | 0         | 0       | 0        | 0        | 5691   |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 34    | 59     | 150    | 830       | 0       | 1130     | 0        | 2203   |
| TOTAL                 | 1838    | 2160     | 804   |       | 217 | 93592 | 140045 | 148771 | 17510     | 9024    | 1130     |          | 415091 |

TABLE 12. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT SILETZ BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| CRUSTACEANS:          |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 428  | 152  | 541    | 1068      | 0       | 0        | 0        | 2189  |
| TOTAL                 |         |          |       |       |     | 428  | 152  | 541    | 1068      |         |          |          | 2189  |

TABLE 13. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT DEPOE BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE  | JULY  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|------|-------|-------|--------|-----------|---------|----------|----------|--------|
| FISH:                 |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0    | 0     | 46    | 0      | 0         | 0       | 0        | 0        | 46     |
| Lingcod.....          | 0       | 0        | 0     | 0     | 0    | 286   | 492   | 116    | 109       | 0       | 0        | 0        | 1003   |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 0    | 2120  | 2722  | 3077   | 1511      | 0       | 0        | 0        | 9430   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 0    | 3977  | 14717 | 6203   | 660       | 18      | 0        | 0        | 25575  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0    | 67694 | 77816 | 27827  | 3777      | 0       | 0        | 0        | 177114 |
| Sole, petrale.....    | 0       | 0        | 0     | 0     | 0    | 7     | 0     | 0      | 0         | 0       | 0        | 0        | 7      |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0    | 0     | 3277  | 38440  | 119212    | 0       | 0        | 0        | 160929 |
| CRUSTACEANS:          |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Crab, Dungeness, Oc.. | 1714    | 1997     | 1691  | 1399  | 1507 | 1770  | 123   | 0      | 0         | 0       | 0        | 0        | 10201  |
| Shrimp, ghost (sand). | 6       | 33       | 156   | 151   | 165  | 54    | 98    | 0      | 45        | 29      | 0        | 0        | 737    |
| TOTAL                 | 1720    | 2030     | 1847  | 1550  | 1672 | 75908 | 99291 | 75663  | 125314    | 47      |          |          | 385042 |

TABLE 14. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT NEWPORT, 1978.

| SPECIES               | JANUARY        | FEBRUARY      | MARCH         | APRIL          | MAY            | JUNE           | JULY           | AUGUST         | SEPTEMBER      | OCTOBER        | NOVEMBER      | DECEMBER       | TOTAL           |
|-----------------------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|-----------------|
| <b>FISH:</b>          |                |               |               |                |                |                |                |                |                |                |               |                |                 |
| Anchovy, northern.... | 0              | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 300            | 0              | 0             | 0              | 300             |
| Cod, Pacific.....     | 71             | 0             | 0             | 1238           | 8322           | 19679          | 18954          | 2552           | 376            | 60             | 1008          | 945            | 53205           |
| Flounder, arrowtooth. | 0              | 0             | 2164          | 0              | 0              | 0              | 6511           | 110            | 836            | 611            | 0             | 0              | 10232           |
| Flounder, stary.....  | 6951           | 3940          | 9520          | 22383          | 12115          | 919            | 26023          | 16109          | 26208          | 26406          | 5697          | 2449           | 158720          |
| Halibut, Pacific..... | 0              | 0             | 0             | 0              | 262            | 5237           | 16895          | 5076           | 1017           | 0              | 0             | 0              | 28487           |
| Herring, Pacific..... | 469            | 42083         | 14378         | 30852          | 0              | 1541           | 160            | 9668           | 1700           | 0              | 0             | 0              | 100851          |
| Lingcod.....          | 7426           | 4426          | 13022         | 14138          | 26565          | 104006         | 128369         | 79268          | 32750          | 55109          | 17975         | 17397          | 500451          |
| Mackerel.....         | 0              | 0             | 0             | 0              | 0              | 0              | 6              | 10             | 0              | 0              | 0             | 0              | 16              |
| Rockfish (misc. spp.) | 73425          | 123153        | 229694        | 107547         | 205352         | 445970         | 483756         | 536481         | 495534         | 654461         | 178905        | 122411         | 3656689         |
| Pac. Oc. perch.....   | 75295          | 35298         | 47561         | 83037          | 75044          | 110956         | 79159          | 141741         | 21615          | 121273         | 14072         | 7580           | 812631          |
| Sablefish.....        | 74213          | 16504         | 53074         | 67847          | 73453          | 167378         | 222841         | 224346         | 243635         | 125937         | 41111         | 24547          | 1334886         |
| Salmon, chinook.....  | 0              | 0             | 0             | 0              | 3949           | 101557         | 205984         | 171259         | 120343         | 25006          | 1765          | 0              | 629863          |
| Salmon, coho.....     | 0              | 0             | 0             | 0              | 0              | 281353         | 299568         | 224796         | 11418          | 804            | 0             | 0              | 817939          |
| Salmon, pink.....     | 0              | 0             | 0             | 0              | 0              | 0              | 5              | 0              | 0              | 0              | 0             | 0              | 5               |
| Sanddab, Pacific..... | 9149           | 2047          | 9653          | 3205           | 454            | 2148           | 564            | 603            | 420            | 16008          | 9772          | 17653          | 71676           |
| Shark, soupfin.....   | 0              | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 35             | 0             | 0              | 35              |
| Shark, spiny dogfish. | 30             | 30            | 10            | 3              | 0              | 0              | 0              | 0              | 28             | 0              | 80            | 0              | 181             |
| Skates and Rays.....  | 100            | 75            | 145           | 11             | 0              | 0              | 122            | 0              | 173            | 25             | 1902          | 992            | 3545            |
| Smelt.....            | 0              | 0             | 0             | 0              | 0              | 0              | 0              | 200            | 480            | 0              | 0             | 0              | 680             |
| Sole, butter.....     | 12921          | 2881          | 1828          | 694            | 4318           | 85             | 450            | 476            | 0              | 1975           | 300           | 0              | 25928           |
| Sole, Dover.....      | 11084          | 27636         | 119988        | 178853         | 114076         | 292759         | 140099         | 247634         | 193605         | 253575         | 89012         | 199315         | 1867636         |
| Sole, English.....    | 118779         | 41307         | 61948         | 27701          | 23623          | 38792          | 103293         | 98969          | 45299          | 185609         | 129480        | 173183         | 1047983         |
| Sole, petrale.....    | 16820          | 23161         | 87530         | 63181          | 59352          | 169089         | 233268         | 69073          | 24410          | 63284          | 23407         | 50798          | 883373          |
| Sole, rex.....        | 6572           | 16194         | 25328         | 12606          | 4911           | 12233          | 18789          | 12258          | 2455           | 8624           | 8168          | 11930          | 140068          |
| Sole, rock.....       | 0              | 70            | 6471          | 40             | 615            | 4095           | 4080           | 1933           | 2180           | 484            | 51            | 0              | 20019           |
| Sole, sand.....       | 8195           | 3029          | 2845          | 12032          | 28767          | 6549           | 14775          | 13108          | 15032          | 29212          | 5627          | 8891           | 148062          |
| Sturgeon, green.....  | 75             | 0             | 94            | 0              | 478            | 142            | 15             | 32             | 126            | 43             | 19            | 0              | 1024            |
| Sturgeon, white.....  | 0              | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 70             | 70              |
| Surfperch.....        | 0              | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 28             | 28              |
| Tuna, albacore.....   | 0              | 430           | 0             | 0              | 0              | 0              | 114820         | 1322229        | 1035195        | 44799          | 0             | 0              | 2517473         |
| Tuna, skipjack.....   | 0              | 1014          | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0              | 1014            |
| Tuna, yellowfin.....  | 0              | 6284          | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0              | 6284            |
| Wolf-eel.....         | 20             | 23            | 90            | 96             | 10             | 20             | 50             | 0              | 20             | 10             | 0             | 0              | 339             |
| <b>CRUSTACEANS:</b>   |                |               |               |                |                |                |                |                |                |                |               |                |                 |
| Crab, Dungeness, Bay. | 0              | 0             | 28            | 56             | 782            | 1070           | 39             | 0              | 2              | 220            | 113           | 10             | 2320            |
| Crab, Dungeness, Oc.. | 634573         | 362937        | 193592        | 174251         | 72314          | 65323          | 18284          | 26347          | 13093          | 2              | 0             | 1115678        | 2676394         |
| Crab, rock.....       | 0              | 0             | 0             | 0              | 0              | 238            | 0              | 281            | 160            | 90             | 0             | 94             | 863             |
| Shrimp, ghost (sand). | 0              | 0             | 156           | 22             | 55             | 59             | 0              | 0              | 380            | 0              | 0             | 0              | 672             |
| Shrimp, pink.....     | 0              | 0             | 0             | 3897939        | 4097690        | 4371247        | 3941107        | 2134086        | 1972990        | 315128         | 0             | 0              | 20730187        |
| <b>MOLLUSKS:</b>      |                |               |               |                |                |                |                |                |                |                |               |                |                 |
| Clams, butter.....    | 0              | 0             | 0             | 0              | 0              | 0              | 149            | 0              | 0              | 0              | 0             | 0              | 149             |
| Clams, gaper.....     | 0              | 0             | 0             | 0              | 0              | 0              | 27962          | 50759          | 66844          | 26700          | 0             | 0              | 172265          |
| Octopus.....          | 10             | 100           | 180           | 105            | 35             | 145            | 40             | 25             | 225            | 60             | 0             | 35             | 960             |
| <b>TOTAL</b>          | <b>1056178</b> | <b>712622</b> | <b>879299</b> | <b>4697837</b> | <b>4812542</b> | <b>6202590</b> | <b>6106137</b> | <b>5389429</b> | <b>4328849</b> | <b>1955550</b> | <b>528464</b> | <b>1754006</b> | <b>38423503</b> |

TABLE 15. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT WALDPOR, 1978.

| SPECIES               | JANUARY | FEBRUARY   | MARCH       | APRIL       | MAY         | JUNE        | JULY        | AUGUST      | SEPTEMBER | OCTOBER    | NOVEMBER   | DECEMBER | TOTAL        |
|-----------------------|---------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|------------|----------|--------------|
| <b>CRUSTACEANS:</b>   |         |            |             |             |             |             |             |             |           |            |            |          |              |
| Crab, Dungeness, Bay. | 0       | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 174        | 432        | 0        | 606          |
| Crab, Dungeness, Oc.. | 0       | 0          | 115         | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0        | 115          |
| Shrimp, ghost (sand). | 0       | 306        | 1546        | 1378        | 1315        | 1181        | 2000        | 1305        | 0         | 490        | 0          | 0        | 9521         |
| <b>TOTAL</b>          |         | <b>306</b> | <b>1661</b> | <b>1378</b> | <b>1315</b> | <b>1181</b> | <b>2000</b> | <b>1305</b> |           | <b>664</b> | <b>432</b> |          | <b>10242</b> |

TABLE 16. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT FLORENCE, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE  | JULY  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|------|-------|-------|--------|-----------|---------|----------|----------|--------|
| FISH:                 |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0    | 0     | 289   | 0      | 27        | 0       | 0        | 0        | 316    |
| Lingcod.....          | 0       | 0        | 0     | 0     | 0    | 0     | 117   | 0      | 51        | 0       | 0        | 0        | 168    |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 0    | 561   | 2973  | 754    | 1357      | 0       | 0        | 0        | 5645   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 6    | 7564  | 12927 | 2897   | 4457      | 0       | 0        | 0        | 27851  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0    | 10423 | 18397 | 5067   | 801       | 0       | 0        | 0        | 34688  |
| Smelt.....            | 0       | 0        | 0     | 0     | 0    | 80    | 40    | 0      | 0         | 0       | 0        | 0        | 120    |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0    | 0     | 0     | 69964  | 18702     | 0       | 0        | 0        | 88666  |
| CRUSTACEANS:          |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0    | 0     | 0     | 0      | 0         | 295     | 0        | 554      | 849    |
| Crab, Dungeness, Oc.. | 1119    | 70       | 1658  | 718   | 1806 | 4677  | 4326  | 2378   | 1120      | 0       | 0        | 802      | 18674  |
| MOLLUSKS:             |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Clams, razor.....     | 0       | 0        | 0     | 0     | 0    | 0     | 25    | 0      | 0         | 0       | 0        | 0        | 25     |
| TOTAL                 | 1119    | 70       | 1658  | 718   | 1812 | 23305 | 39094 | 81060  | 26515     | 295     |          | 1356     | 177002 |

TABLE 17. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT WINCHESTER BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH  | APRIL  | MAY    | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|---------|
| FISH:                 |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Flounder, arrowtooth. | 0       | 0        | 0      | 300    | 0      | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 300     |
| Flounder, starry..... | 13      | 125      | 0      | 0      | 0      | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 138     |
| Halibut, Pacific..... | 0       | 0        | 0      | 0      | 0      | 0      | 252    | 75     | 0         | 0       | 0        | 0        | 327     |
| Herring, Pacific..... | 0       | 0        | 0      | 0      | 729    | 6284   | 12443  | 15360  | 1144      | 0       | 0        | 0        | 35960   |
| Lingcod.....          | 433     | 0        | 2335   | 365    | 221    | 0      | 239    | 366    | 0         | 1349    | 1944     | 8290     | 15542   |
| Rockfish (misc. spp.) | 0       | 4102     | 1630   | 800    | 4293   | 11738  | 7208   | 17373  | 10447     | 8763    | 6190     | 2290     | 74834   |
| Pac. Oc. perch.....   | 0       | 3475     | 1094   | 450    | 576    | 0      | 0      | 0      | 0         | 6805    | 7445     | 880      | 20725   |
| Sablefish.....        | 0       | 497      | 1549   | 120    | 123    | 0      | 0      | 14143  | 46630     | 13423   | 12655    | 310      | 89450   |
| Salmon, chinook.....  | 0       | 0        | 0      | 171    | 1139   | 13720  | 40281  | 28795  | 1957      | 96      | 0        | 0        | 86159   |
| Salmon, coho.....     | 0       | 0        | 0      | 0      | 0      | 172060 | 116141 | 40001  | 6348      | 221     | 0        | 0        | 334771  |
| Sanddab, Pacific..... | 112     | 128      | 1638   | 0      | 22     | 0      | 0      | 0      | 0         | 455     | 0        | 0        | 2355    |
| Shad, American.....   | 0       | 0        | 0      | 1172   | 108185 | 108796 | 0      | 0      | 0         | 0       | 0        | 0        | 218153  |
| Smelt.....            | 0       | 0        | 0      | 0      | 30     | 0      | 0      | 19     | 0         | 0       | 0        | 0        | 49      |
| Sole, Dover.....      | 0       | 5760     | 35806  | 7427   | 539    | 0      | 0      | 30412  | 57012     | 141785  | 74720    | 45323    | 398784  |
| Sole, English.....    | 459     | 3654     | 5320   | 100    | 19     | 0      | 0      | 350    | 0         | 2135    | 0        | 1570     | 13607   |
| Sole, petrale.....    | 0       | 12717    | 14471  | 1955   | 53     | 0      | 0      | 911    | 350       | 16292   | 13980    | 4343     | 65072   |
| Sole, rex.....        | 0       | 0        | 2261   | 198    | 69     | 0      | 0      | 0      | 0         | 1380    | 380      | 0        | 4288    |
| Sole, sand.....       | 287     | 206      | 0      | 0      | 0      | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 493     |
| Tuna, albacore.....   | 0       | 0        | 0      | 0      | 0      | 0      | 28958  | 159022 | 42568     | 0       | 0        | 0        | 230548  |
| Miscellaneous.....    | 0       | 0        | 0      | 0      | 0      | 0      | 174    | 0      | 0         | 0       | 0        | 0        | 174     |
| CRUSTACEANS:          |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Crab, Dungeness, Bay. | 0       | 325      | 0      | 100    | 0      | 0      | 0      | 0      | 0         | 409     | 1116     | 0        | 1950    |
| Crab, Dungeness, Oc.. | 127545  | 53798    | 41271  | 36845  | 4239   | 2136   | 1158   | 3020   | 1417      | 0       | 198      | 479723   | 751350  |
| Shrimp, ghost (sand). | 7       | 16       | 39     | 14     | 24     | 56     | 58     | 5      | 0         | 0       | 0        | 0        | 219     |
| Shrimp, pink.....     | 0       | 0        | 0      | 121586 | 181997 | 87451  | 0      | 266349 | 166693    | 26788   | 0        | 0        | 850864  |
| MOLLUSKS:             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Mussels.....          | 0       | 0        | 0      | 71     | 170    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 241     |
| TOTAL                 | 128856  | 84803    | 107414 | 171674 | 302428 | 402241 | 206912 | 576201 | 334566    | 219901  | 118628   | 542729   | 3196353 |

TABLE 1 MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT COOS BAY,

| SPECIES               | JANUARY       | FEBRUARY      | MARCH         | APRIL          | MAY            | JUNE           | JULY           | AUGUST         | SEPTEMBER      | OCTOBER        | NOVEMBER      | DECEMBER       | TOTAL           |
|-----------------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|-----------------|
| <b>FISH:</b>          |               |               |               |                |                |                |                |                |                |                |               |                |                 |
| Cod, Pacific.....     | 895           | 0             | 0             | 584            | 4252           | 0              | 1729           | 440            | 0              | 0              | 579           | 0              | 8479            |
| Flounder, arrowtooth. | 0             | 2240          | 751           | 910            | 0              | 914            | 2196           | 4209           | 3511           | 4607           | 132           | 535            | 20005           |
| Flounder, starry..... | 33643         | 54303         | 16554         | 259            | 0              | 444            | 4172           | 70             | 64             | 631            | 94            | 26896          | 137130          |
| Hake, Pac. (Whiting). | 0             | 0             | 0             | 0              | 0              | 0              | 10470          | 1078           | 0              | 0              | 0             | 0              | 11548           |
| Halibut, Pacific..... | 0             | 0             | 0             | 0              | 0              | 0              | 331            | 396            | 488            | 0              | 0             | 0              | 1215            |
| Lingcod.....          | 4983          | 3642          | 13345         | 17895          | 11547          | 11760          | 12444          | 8390           | 13288          | 9626           | 5017          | 8485           | 120422          |
| Mackerel.....         | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 27             | 107            | 299            | 0             | 0              | 433             |
| Rockfish (misc. spp.) | 87389         | 53524         | 313875        | 92569          | 95955          | 193432         | 198130         | 184000         | 200931         | 196626         | 270934        | 42944          | 1930309         |
| Pac. Oc. perch.....   | 48141         | 30264         | 31383         | 10110          | 14579          | 39534          | 14349          | 11505          | 704            | 5616           | 6594          | 29683          | 242462          |
| Sablefish.....        | 63841         | 10175         | 17568         | 17645          | 64055          | 92947          | 112960         | 142460         | 357156         | 196958         | 145505        | 67985          | 1289255         |
| Salmon, chinook.....  | 0             | 0             | 0             | 0              | 10060          | 110401         | 193209         | 105168         | 29432          | 3254           | 2382          | 0              | 453906          |
| Salmon, coho.....     | 0             | 0             | 0             | 0              | 0              | 424321         | 223803         | 65536          | 4216           | 416            | 0             | 0              | 718292          |
| Sanddab, Pacific..... | 6117          | 326           | 5339          | 890            | 1057           | 2303           | 3319           | 7096           | 1077           | 1306           | 3673          | 640            | 33143           |
| Shad, American.....   | 0             | 0             | 0             | 22             | 10279          | 5521           | 0              | 0              | 0              | 0              | 0             | 0              | 15822           |
| Shark, soupfin.....   | 217           | 26            | 54            | 0              | 0              | 0              | 38             | 0              | 0              | 0              | 27            | 50             | 412             |
| Skates and Rays.....  | 0             | 0             | 848           | 0              | 0              | 0              | 0              | 0              | 270            | 2928           | 1287          | 0              | 5333            |
| Sole, butter.....     | 134           | 436           | 216           | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0              | 786             |
| Sole, curlfin(turbot) | 0             | 0             | 1874          | 586            | 300            | 2967           | 1996           | 755            | 37             | 0              | 0             | 0              | 8515            |
| Sole, Dover.....      | 55040         | 27248         | 114949        | 182765         | 96341          | 404718         | 212771         | 258962         | 271650         | 354849         | 298699        | 154544         | 2432536         |
| Sole, English.....    | 18466         | 7795          | 15058         | 6878           | 4231           | 7912           | 23641          | 7380           | 9853           | 23661          | 21738         | 6383           | 152996          |
| Sole, flathead.....   | 3758          | 2980          | 4186          | 452            | 79             | 791            | 1368           | 977            | 1106           | 140            | 0             | 1520           | 17357           |
| Sole, petrale.....    | 92990         | 46805         | 75714         | 28780          | 12032          | 19814          | 28280          | 37011          | 31781          | 48643          | 87000         | 56071          | 564921          |
| Sole, rex.....        | 21149         | 15158         | 30857         | 6750           | 1914           | 10837          | 10574          | 5069           | 7014           | 22446          | 32166         | 9935           | 173869          |
| Sole, rock.....       | 0             | 0             | 0             | 34             | 0              | 0              | 0              | 0              | 0              | 11             | 0             | 0              | 45              |
| Sole, sand.....       | 5186          | 5258          | 6071          | 1600           | 79             | 3052           | 15625          | 40             | 1045           | 1747           | 802           | 2959           | 43464           |
| Sole, miscellaneous.. | 0             | 9436          | 1166          | 0              | 0              | 0              | 0              | 0              | 5034           | 0              | 0             | 2373           | 18009           |
| Sturgeon, green.....  | 0             | 260           | 198           | 0              | 0              | 0              | 12             | 0              | 0              | 0              | 0             | 0              | 470             |
| Tuna, albacore.....   | 0             | 0             | 0             | 0              | 0              | 0              | 460241         | 1638797        | 179929         | 5115           | 0             | 0              | 2284082         |
| Wolf-eel.....         | 0             | 0             | 0             | 0              | 0              | 0              | 300            | 0              | 45             | 4              | 0             | 0              | 349             |
| <b>CRUSTACEANS:</b>   |               |               |               |                |                |                |                |                |                |                |               |                |                 |
| Crab, Dungeness, Bay. | 247           | 645           | 2314          | 521            | 0              | 62             | 668            | 0              | 53             | 2753           | 14796         | 5404           | 27463           |
| Crab, Dungeness, Oc.. | 498297        | 175511        | 131576        | 80459          | 22238          | 11577          | 5101           | 6684           | 23526          | 0              | 1650          | 1572844        | 2529463         |
| Shrimp, ghost (sand). | 0             | 0             | 0             | 0              | 0              | 250            | 0              | 0              | 0              | 0              | 0             | 0              | 250             |
| Shrimp, pink.....     | 0             | 0             | 0             | 2846638        | 3475898        | 4162901        | 3253105        | 2106333        | 1227617        | 207512         | 0             | 0              | 17280004        |
| <b>MOLLUSKS:</b>      |               |               |               |                |                |                |                |                |                |                |               |                |                 |
| Clams, cockle.....    | 0             | 0             | 0             | 630            | 1050           | 771            | 282            | 0              | 0              | 0              | 0             | 0              | 2733            |
| Clams, gaper.....     | 0             | 0             | 0             | 0              | 0              | 0              | 35             | 0              | 0              | 27505          | 9439          | 0              | 36979           |
| Octopus.....          | 0             | 102           | 203           | 49             | 0              | 86             | 0              | 73             | 27             | 44             | 40            | 208            | 832             |
| <b>TOTAL</b>          | <b>940493</b> | <b>446134</b> | <b>784099</b> | <b>3297026</b> | <b>3825946</b> | <b>5507315</b> | <b>4791149</b> | <b>4592456</b> | <b>2369961</b> | <b>1116697</b> | <b>902554</b> | <b>1989459</b> | <b>30563289</b> |

TABLE MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT BANDON, 19

| SPECIES               | JANUARY    | FEBRUARY | MARCH | APRIL | MAY         | JUNE         | JULY         | AUGUST       | SEPTEMBER    | OCTOBER     | NOVEMBER | DECEMBER     | TOTAL         |
|-----------------------|------------|----------|-------|-------|-------------|--------------|--------------|--------------|--------------|-------------|----------|--------------|---------------|
| <b>FISH:</b>          |            |          |       |       |             |              |              |              |              |             |          |              |               |
| Halibut, Pacific..... | 0          | 0        | 0     | 0     | 0           | 0            | 0            | 0            | 28           | 0           | 0        | 0            | 28            |
| Lingcod.....          | 0          | 0        | 0     | 0     | 0           | 477          | 703          | 1499         | 386          | 277         | 0        | 0            | 3342          |
| Mackerel.....         | 0          | 0        | 0     | 0     | 0           | 14           | 50           | 0            | 0            | 0           | 0        | 0            | 64            |
| Rockfish (misc. spp.) | 0          | 0        | 0     | 0     | 0           | 3857         | 8607         | 10562        | 6186         | 5767        | 0        | 0            | 34979         |
| Salmon, chinook.....  | 0          | 0        | 0     | 0     | 0           | 15887        | 35163        | 29900        | 16975        | 96          | 0        | 0            | 98021         |
| Salmon, coho.....     | 0          | 0        | 0     | 0     | 0           | 39485        | 36523        | 4560         | 380          | 21          | 0        | 0            | 80969         |
| Salmon, pink.....     | 0          | 0        | 0     | 0     | 0           | 0            | 0            | 3            | 0            | 0           | 0        | 0            | 3             |
| Tuna, albacore.....   | 0          | 0        | 0     | 0     | 0           | 0            | 2197         | 51340        | 49648        | 0           | 0        | 0            | 103185        |
| <b>CRUSTACEANS:</b>   |            |          |       |       |             |              |              |              |              |             |          |              |               |
| Crab, Dungeness, Bay. | 0          | 0        | 0     | 0     | 0           | 0            | 67           | 0            | 681          | 0           | 0        | 0            | 748           |
| Crab, Dungeness, Oc.. | 855        | 0        | 0     | 0     | 0           | 589          | 624          | 210          | 740          | 0           | 0        | 66962        | 69980         |
| Shrimp, pink.....     | 0          | 0        | 0     | 0     | 2240        | 8939         | 0            | 0            | 0            | 0           | 0        | 0            | 11179         |
| <b>TOTAL</b>          | <b>855</b> |          |       |       | <b>2240</b> | <b>69248</b> | <b>83934</b> | <b>98074</b> | <b>75024</b> | <b>6161</b> |          | <b>66962</b> | <b>402498</b> |

16

TABLE 20. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT PORT ORFORD, 1978.

| SPECIES               | JANUARY       | FEBRUARY     | MARCH        | APRIL         | MAY           | JUNE          | JULY          | AUGUST        | SEPTEMBER     | OCTOBER       | NOVEMBER     | DECEMBER      | TOTAL          |
|-----------------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|----------------|
| <b>FISH:</b>          |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Halibut, Pacific..... | 0             | 0            | 0            | 0             | 0             | 0             | 4             | 61            | 19            | 0             | 0            | 0             | 84             |
| Herring, Pacific..... | 0             | 0            | 0            | 0             | 0             | 420           | 0             | 0             | 0             | 0             | 0            | 0             | 420            |
| Lingcod.....          | 739           | 1958         | 13942        | 3350          | 875           | 1363          | 754           | 7617          | 14275         | 11718         | 2519         | 0             | 59110          |
| Rockfish (misc. spp.) | 346           | 735          | 5533         | 5420          | 1900          | 16970         | 10540         | 35467         | 51025         | 18229         | 7138         | 0             | 153303         |
| Pac. Oc. perch.....   | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 0             | 13358         | 0             | 0            | 0             | 13358          |
| Sablefish.....        | 0             | 0            | 0            | 0             | 3331          | 39353         | 37727         | 81050         | 148163        | 174822        | 10224        | 0             | 494670         |
| Salmon, chinook.....  | 0             | 0            | 0            | 0             | 114           | 54768         | 45306         | 38772         | 26805         | 33509         | 25943        | 0             | 225217         |
| Salmon, coho.....     | 0             | 0            | 0            | 0             | 0             | 57748         | 35695         | 35754         | 6427          | 449           | 5            | 0             | 136078         |
| Salmon, pink.....     | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 3             | 0             | 0             | 0            | 0             | 3              |
| Sanddab, Pacific..... | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 160           | 0             | 0             | 0            | 0             | 160            |
| Sole, Dover.....      | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 42785         | 45307         | 0             | 6348         | 0             | 94440          |
| Sole, English.....    | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 1864          | 82            | 0             | 0            | 0             | 1946           |
| Sole, petrale.....    | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 12277         | 852           | 0             | 1768         | 0             | 14897          |
| Sole, rex.....        | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 2076          | 3801          | 0             | 1138         | 0             | 7015           |
| Tuna, albacore.....   | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 2516          | 0             | 0             | 0            | 0             | 2516           |
| <b>CRUSTACEANS:</b>   |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Crab, Dungeness, Oc.. | 153360        | 93008        | 58624        | 65086         | 9547          | 355           | 45            | 0             | 0             | 0             | 0            | 682577        | 1062602        |
| Shrimp, pink.....     | 0             | 0            | 0            | 153779        | 129720        | 161405        | 81555         | 99715         | 25315         | 0             | 0            | 0             | 651489         |
| <b>MOLLUSKS:</b>      |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Octopus.....          | 102           | 34           | 24           | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 1736          | 1896           |
| <b>TOTAL</b>          | <b>154547</b> | <b>95735</b> | <b>78123</b> | <b>227635</b> | <b>145487</b> | <b>332382</b> | <b>211626</b> | <b>360117</b> | <b>335429</b> | <b>238727</b> | <b>55083</b> | <b>684313</b> | <b>2919204</b> |

TABLE 21. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT GOLD BEACH, 1978.

| SPECIES               | JANUARY      | FEBRUARY | MARCH       | APRIL       | MAY       | JUNE         | JULY         | AUGUST       | SEPTEMBER    | OCTOBER    | NOVEMBER | DECEMBER | TOTAL         |
|-----------------------|--------------|----------|-------------|-------------|-----------|--------------|--------------|--------------|--------------|------------|----------|----------|---------------|
| <b>FISH:</b>          |              |          |             |             |           |              |              |              |              |            |          |          |               |
| Halibut, Pacific..... | 0            | 0        | 0           | 0           | 0         | 0            | 0            | 6            | 0            | 0          | 0        | 0        | 6             |
| Lingcod.....          | 0            | 0        | 0           | 0           | 29        | 103          | 959          | 1425         | 782          | 0          | 0        | 0        | 3298          |
| Rockfish (misc. spp.) | 0            | 0        | 0           | 0           | 0         | 742          | 4303         | 11758        | 8940         | 96         | 0        | 0        | 25839         |
| Sablefish.....        | 0            | 0        | 0           | 0           | 0         | 12           | 0            | 0            | 6            | 0          | 0        | 0        | 18            |
| Salmon, chinook.....  | 0            | 0        | 0           | 0           | 8         | 11542        | 33979        | 63573        | 36794        | 651        | 0        | 0        | 146547        |
| Salmon, coho.....     | 0            | 0        | 0           | 0           | 0         | 26623        | 19366        | 11491        | 3506         | 37         | 0        | 0        | 61023         |
| Sole, Dover.....      | 0            | 0        | 0           | 0           | 0         | 0            | 0            | 1            | 0            | 0          | 0        | 0        | 1             |
| Sole, petrale.....    | 0            | 0        | 0           | 0           | 0         | 0            | 3            | 22           | 0            | 0          | 0        | 0        | 25            |
| Tuna, albacore.....   | 0            | 0        | 0           | 0           | 0         | 0            | 3838         | 9547         | 173          | 0          | 0        | 0        | 13558         |
| <b>CRUSTACEANS:</b>   |              |          |             |             |           |              |              |              |              |            |          |          |               |
| Crab, Dungeness, Bay. | 0            | 0        | 717         | 388         | 0         | 0            | 0            | 0            | 0            | 0          | 0        | 0        | 1105          |
| Crab, Dungeness, Oc.. | 15870        | 0        | 1581        | 3342        | 0         | 0            | 0            | 0            | 0            | 0          | 0        | 0        | 20793         |
| <b>TOTAL</b>          | <b>15870</b> |          | <b>2298</b> | <b>3730</b> | <b>37</b> | <b>39022</b> | <b>62448</b> | <b>97823</b> | <b>50201</b> | <b>784</b> |          |          | <b>272213</b> |

TABLE 22. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH AT BROOKINGS, 1978.

| SPECIES               | JANUARY       | FEBRUARY      | MARCH         | APRIL          | MAY            | JUNE           | JULY           | AUGUST         | SEPTEMBER      | OCTOBER       | NOVEMBER      | DECEMBER       | TOTAL           |
|-----------------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|-----------------|
| <b>FISH:</b>          |               |               |               |                |                |                |                |                |                |               |               |                |                 |
| Flounder, arrowtooth. | 0             | 0             | 0             | 315            | 2282           | 3693           | 5080           | 4156           | 2291           | 6891          | 1960          | 749            | 27417           |
| Flounder, starry..... | 982           | 1059          | 1550          | 178            | 26             | 1532           | 905            | 1693           | 267            | 3150          | 3254          | 1616           | 16242           |
| Hake, Pac. (Whiting). | 0             | 0             | 0             | 0              | 0              | 770            | 0              | 180            | 110            | 0             | 0             | 0              | 1060            |
| Halibut, Pacific..... | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 20             | 0             | 0             | 0              | 20              |
| Lingcod.....          | 337           | 152           | 738           | 2201           | 2433           | 4418           | 8318           | 7482           | 2727           | 14392         | 8765          | 3284           | 55247           |
| Mackerel.....         | 0             | 0             | 0             | 0              | 0              | 0              | 9              | 0              | 0              | 0             | 0             | 0              | 9               |
| Rockfish (misc. spp.) | 7037          | 11471         | 24320         | 17203          | 49477          | 116235         | 107952         | 166481         | 64461          | 63066         | 143743        | 255406         | 1026852         |
| Pac. Oc. perch.....   | 0             | 0             | 0             | 300            | 400            | 96             | 2141           | 3361           | 128            | 704           | 900           | 730            | 8760            |
| Sablefish.....        | 189           | 0             | 0             | 171            | 715            | 1863           | 5075           | 19352          | 8284           | 13820         | 38127         | 12107          | 99703           |
| Salmon, chinook.....  | 0             | 0             | 0             | 0              | 7019           | 38096          | 20253          | 14856          | 31840          | 33277         | 43130         | 0              | 188471          |
| Salmon, coho.....     | 0             | 0             | 0             | 0              | 0              | 53713          | 40929          | 8238           | 3240           | 733           | 5             | 0              | 106858          |
| Sanddab, Pacific..... | 603           | 461           | 436           | 461            | 198            | 200            | 83             | 75             | 0              | 407           | 1116          | 338            | 4378            |
| Shark, soupfin.....   | 141           | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 28             | 89            | 46            | 105            | 409             |
| Skates and Rays.....  | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 56            | 195           | 0              | 251             |
| Smelt.....            | 0             | 0             | 0             | 0              | 0              | 0              | 3381           | 2800           | 0              | 0             | 0             | 0              | 6181            |
| Sole, butter.....     | 4843          | 5903          | 4759          | 223            | 0              | 1443           | 962            | 3443           | 260            | 3108          | 6243          | 3388           | 34575           |
| Sole, curlfin(turbot) | 0             | 0             | 770           | 0              | 0              | 0              | 0              | 452            | 0              | 350           | 0             | 0              | 1572            |
| Sole, Dover.....      | 0             | 0             | 642           | 7396           | 15433          | 38159          | 40388          | 58830          | 37272          | 132610        | 47871         | 61762          | 440363          |
| Sole, English.....    | 4079          | 4547          | 14748         | 3741           | 8920           | 8151           | 6483           | 7173           | 2220           | 46640         | 28184         | 11944          | 146830          |
| Sole, petrale.....    | 1225          | 506           | 3224          | 1364           | 2468           | 1913           | 2341           | 2364           | 1138           | 11415         | 4769          | 7247           | 39974           |
| Sole, rex.....        | 283           | 35            | 1246          | 634            | 1030           | 1293           | 1276           | 2036           | 907            | 12049         | 5794          | 4455           | 31098           |
| Sole, sand.....       | 8053          | 7538          | 12039         | 597            | 50             | 524            | 452            | 922            | 0              | 6451          | 6989          | 3932           | 47567           |
| Sole, miscellaneous.. | 0             | 15            | 0             | 620            | 0              | 0              | 0              | 0              | 0              | 0             | 0             | 0              | 645             |
| Tuna, albacore.....   | 0             | 0             | 0             | 0              | 0              | 0              | 65317          | 97138          | 6757           | 671           | 0             | 0              | 169883          |
| <b>CRUSTACEANS:</b>   |               |               |               |                |                |                |                |                |                |               |               |                |                 |
| Crab, Dungeness, Oc.. | 271738        | 17295         | 93293         | 55687          | 6731           | 3035           | 1536           | 22308          | 49258          | 0             | 0             | 1253735        | 1930116         |
| Shrimp, pink.....     | 0             | 0             | 0             | 956430         | 1300479        | 1161492        | 994363         | 821340         | 930744         | 293798        | 0             | 0              | 6458646         |
| <b>MOLLUSKS:</b>      |               |               |               |                |                |                |                |                |                |               |               |                |                 |
| Octopus.....          | 1393          | 1045          | 1858          | 451            | 386            | 261            | 438            | 239            | 207            | 1686          | 2001          | 2468           | 12434           |
| <b>TOTAL</b>          | <b>300903</b> | <b>205648</b> | <b>159623</b> | <b>1047972</b> | <b>1398047</b> | <b>1436887</b> | <b>1307682</b> | <b>1244919</b> | <b>1142159</b> | <b>645363</b> | <b>343092</b> | <b>1623266</b> | <b>10855561</b> |

TABLE 23. COMMERCIAL FOOD FISH LANDINGS (POUNDS) BY GEAR IN OREGON, 1978.

| SPECIES               | POTS OR<br>MISC | GILLNET        | TROLL           | SETNET        | DIP NET<br>OR JIG | LONGLINE<br>OR SETLINE | BAITNET<br>OR SEINE | BAITBOAT        | SHRIMP<br>TRAWL | GRNDFISH<br>TRAWL | TOTAL    |
|-----------------------|-----------------|----------------|-----------------|---------------|-------------------|------------------------|---------------------|-----------------|-----------------|-------------------|----------|
| <b>FISH:</b>          |                 |                |                 |               |                   |                        |                     |                 |                 |                   |          |
| Anchovy, northern.... | 0               | 0              | 0               | 0             | 0                 | 0                      | 300                 | 0               | 0               | 0                 | 300      |
| Cod, Pacific.....     | 14              | 0              | 0               | 0             | 0                 | 495                    | 0                   | 0               | 45408           | 885759            | 931676   |
| Flounder, arrowtooth. | 0               | 0              | 24              | 0             | 0                 | 6                      | 0                   | 0               | 8016            | 372518            | 380564   |
| Flounder, starry..... | 0               | 127464         | 25              | 0             | 8                 | 75                     | 0                   | 0               | 1077            | 1082537           | 1211186  |
| Hake, Pac. (Whiting). | 0               | 0              | 2015            | 0             | 0                 | 0                      | 0                   | 0               | 1870            | 854164            | 858049   |
| Halibut, Pacific..... | 0               | 0              | 6658            | 0             | 0                 | 56340                  | 0                   | 0               | 0               | 0                 | 62998    |
| Herring, Pacific..... | 0               | 0              | 0               | 0             | 900               | 0                      | 136331              | 0               | 0               | 0                 | 137231   |
| Lamprey, Pacific..... | 8765            | 0              | 0               | 0             | 325               | 0                      | 0                   | 0               | 0               | 0                 | 9090     |
| Lingcod.....          | 3032            | 0              | 108395          | 0             | 7692              | 3006                   | 0                   | 0               | 81607           | 977003            | 1180735  |
| Mackerel.....         | 0               | 0              | 810             | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 810      |
| Rockfish (misc. spp.) | 10252           | 0              | 595581          | 0             | 24412             | 70428                  | 0                   | 0               | 1957134         | 8902860           | 11560667 |
| Pac. Oc. perch.....   | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 25032           | 1909029           | 1934061  |
| Sablefish.....        | 728896          | 0              | 1442            | 0             | 0                 | 705717                 | 0                   | 0               | 160119          | 2219856           | 3816030  |
| Salmon, chinook.....  | 0               | 1922144        | 2181107         | 439672        | 511               | 0                      | 0                   | 0               | 0               | 0                 | 4543434  |
| Salmon, chum.....     | 0               | 13012          | 74              | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 13086    |
| Salmon, coho.....     | 0               | 938978         | 3196263         | 12736         | 64                | 0                      | 0                   | 0               | 0               | 0                 | 4148041  |
| Salmon, pink.....     | 0               | 0              | 281             | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 281      |
| Salmon, sockeye.....  | 0               | 16             | 0               | 34            | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 50       |
| Sanddab, Pacific..... | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 1479            | 225548            | 227027   |
| Shad, American.....   | 0               | 625223         | 0               | 0             | 41271             | 0                      | 5104                | 0               | 0               | 0                 | 671598   |
| Shark, soupfin.....   | 0               | 0              | 0               | 0             | 14                | 0                      | 0                   | 0               | 0               | 842               | 856      |
| Shark, spiny dogfish. | 3               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 160323            | 160326   |
| Skates and Rays.....  | 11              | 0              | 0               | 0             | 0                 | 122                    | 40                  | 0               | 0               | 401406            | 401579   |
| Smelt.....            | 0               | 70             | 0               | 0             | 139               | 0                      | 6891                | 0               | 0               | 0                 | 7100     |
| Sole, butter.....     | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 559             | 62939             | 63498    |
| Sole, curlfin(turbot) | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 587             | 9500              | 10087    |
| Sole, Dover.....      | 3               | 0              | 18              | 0             | 0                 | 12                     | 0                   | 0               | 106024          | 7440360           | 7546417  |
| Sole, English.....    | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 3392            | 2280472           | 2283864  |
| Sole, flathead.....   | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 339             | 17788             | 18127    |
| Sole, petrale.....    | 2               | 0              | 728             | 0             | 0                 | 37                     | 0                   | 0               | 17856           | 2227567           | 2246190  |
| Sole, rex.....        | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 9469            | 1422109           | 1431578  |
| Sole, rock.....       | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 81              | 20083             | 20164    |
| Sole, sand.....       | 0               | 0              | 0               | 0             | 4                 | 0                      | 0                   | 0               | 547             | 568547            | 569098   |
| Sole, slender.....    | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 64              | 0                 | 64       |
| Sole, miscellaneous.. | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 45              | 19207             | 19252    |
| Steelhead.....        | 0               | 29             | 0               | 74789         | 82                | 0                      | 0                   | 0               | 0               | 0                 | 74900    |
| Sturgeon, green.....  | 0               | 31397          | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 3598              | 34995    |
| Sturgeon, white.....  | 0               | 140633         | 0               | 6629          | 0                 | 33822                  | 0                   | 0               | 0               | 135               | 181219   |
| Surfperch.....        | 0               | 0              | 0               | 0             | 28                | 0                      | 0                   | 0               | 0               | 260               | 288      |
| Tuna, albacore.....   | 0               | 0              | 11282233        | 0             | 0                 | 0                      | 0                   | 0               | 3186            | 0                 | 11285419 |
| Tuna, bluefin.....    | 0               | 0              | 0               | 0             | 0                 | 0                      | 155179              | 0               | 0               | 0                 | 155179   |
| Tuna, skipjack.....   | 0               | 0              | 4588            | 0             | 0                 | 0                      | 2849679             | 0               | 0               | 0                 | 2854267  |
| Tuna, yellowfin.....  | 0               | 0              | 15307           | 0             | 0                 | 0                      | 4087501             | 0               | 0               | 0                 | 4102808  |
| Wolf-eel.....         | 232             | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 456               | 688      |
| Miscellaneous.....    | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 243             | 122085            | 122328   |
| <b>CRUSTACEANS:</b>   |                 |                |                 |               |                   |                        |                     |                 |                 |                   |          |
| Crab, Dungeness, Bay. | 77623           | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 48                | 77671    |
| Crab, Dungeness, Oc.. | 12423603        | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 12423603 |
| Crab, rock.....       | 863             | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 863      |
| Crayfish.....         | 11286           | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 11286    |
| Shrimp, ghost (sand). | 57325           | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 57325    |
| Shrimp, pink.....     | 0               | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 56666109        | 0                 | 56666109 |
| <b>MOLLUSKS:</b>      |                 |                |                 |               |                   |                        |                     |                 |                 |                   |          |
| Clams, butter.....    | 1452            | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 1452     |
| Clams, cockle.....    | 3251            | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 3251     |
| Clams, gaper.....     | 209247          | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 209247   |
| Clams, littleneck.... | 1045            | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 1045     |
| Clams, razor.....     | 41455           | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 41455    |
| Clams, softshell..... | 36              | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 36       |
| Mussels.....          | 818             | 0              | 0               | 0             | 0                 | 0                      | 0                   | 0               | 0               | 0                 | 818      |
| Octopus.....          | 6361            | 0              | 35              | 0             | 0                 | 0                      | 0                   | 0               | 457             | 9269              | 16122    |
| <b>TOTAL</b>          | <b>13585575</b> | <b>3798966</b> | <b>17395584</b> | <b>533860</b> | <b>75450</b>      | <b>870060</b>          | <b>7241025</b>      | <b>59090700</b> | <b>32196268</b> | <b>134787488</b>  |          |

TABLE 24. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR IN OREGON, 1978.

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH  | APRIL  | MAY    | JUNE    | JULY    | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL    |
|-----------------------|---------|----------|--------|--------|--------|---------|---------|---------|-----------|---------|----------|----------|----------|
| <b>POTS OR MISC.</b>  |         |          |        |        |        |         |         |         |           |         |          |          |          |
| <b>FISH:</b>          |         |          |        |        |        |         |         |         |           |         |          |          |          |
| Cod, Pacific.....     | 0       | 0        | 0      | 0      | 0      | 0       | 14      | 0       | 0         | 0       | 0        | 0        | 14       |
| Lamprey, Pacific....  | 0       | 0        | 0      | 0      | 0      | 0       | 8765    | 0       | 0         | 0       | 0        | 0        | 8765     |
| Lingcod.....          | 0       | 0        | 32     | 475    | 551    | 130     | 0       | 622     | 917       | 53      | 0        | 252      | 3032     |
| Rockfish (misc. spp.) | 0       | 0        | 150    | 399    | 185    | 692     | 415     | 1521    | 4362      | 2528    | 0        | 0        | 10252    |
| Sablefish.....        | 0       | 0        | 0      | 0      | 4455   | 68595   | 87390   | 124040  | 183463    | 201268  | 42005    | 17680    | 728896   |
| Shark, spiny dogfish. | 0       | 0        | 0      | 3      | 0      | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 3        |
| Skates and Rays.....  | 0       | 0        | 0      | 11     | 0      | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 11       |
| Sole, Dover.....      | 0       | 0        | 0      | 0      | 0      | 0       | 0       | 0       | 0         | 3       | 0        | 0        | 3        |
| Sole, petrale.....    | 0       | 0        | 0      | 0      | 0      | 2       | 0       | 0       | 0         | 0       | 0        | 0        | 2        |
| Wolf-eel.....         | 0       | 0        | 46     | 96     | 10     | 20      | 50      | 0       | 10        | 0       | 0        | 0        | 232      |
| <b>CRUSTACEANS:</b>   |         |          |        |        |        |         |         |         |           |         |          |          |          |
| Crab, Dungeness, Bay. | 1119    | 1327     | 3852   | 1926   | 1056   | 1419    | 3861    | 9354    | 5685      | 9982    | 27410    | 10632    | 77623    |
| Crab, Dungeness, Oc.. | 2489309 | 1316884  | 899987 | 761541 | 294256 | 174416  | 93614   | 135603  | 111956    | 2       | 1848     | 6144187  | 12423603 |
| Crab, rock.....       | 0       | 0        | 0      | 0      | 0      | 238     | 0       | 281     | 160       | 90      | 0        | 94       | 863      |
| Crayfish.....         | 0       | 0        | 0      | 0      | 0      | 907     | 2819    | 3827    | 3474      | 259     | 0        | 0        | 11286    |
| Shrimp, ghost (sand). | 549     | 2105     | 7591   | 5859   | 7331   | 7033    | 7354    | 6602    | 5649      | 4186    | 2657     | 409      | 57325    |
| <b>MOLLUSKS:</b>      |         |          |        |        |        |         |         |         |           |         |          |          |          |
| Clams, butter.....    | 0       | 0        | 0      | 0      | 0      | 0       | 149     | 39      | 774       | 490     | 0        | 0        | 1452     |
| Clams, cockle.....    | 0       | 0        | 30     | 649    | 1088   | 771     | 335     | 63      | 0         | 315     | 0        | 0        | 3251     |
| Clams, gaper.....     | 0       | 0        | 0      | 0      | 0      | 0       | 27997   | 50759   | 66844     | 54208   | 9439     | 0        | 209247   |
| Clams, littleneck.... | 0       | 0        | 0      | 0      | 0      | 0       | 0       | 107     | 655       | 283     | 0        | 0        | 1045     |
| Clams, razor.....     | 840     | 1789     | 3501   | 9596   | 14067  | 6509    | 1556    | 844     | 514       | 997     | 932      | 310      | 41455    |
| Clams, softshell..... | 0       | 0        | 0      | 0      | 0      | 0       | 36      | 0       | 0         | 0       | 0        | 0        | 36       |
| Mussels.....          | 0       | 0        | 0      | 71     | 222    | 25      | 0       | 0       | 0         | 0       | 0        | 500      | 818      |
| Octopus.....          | 380     | 499      | 1281   | 485    | 35     | 96      | 40      | 0       | 200       | 0       | 0        | 3345     | 6361     |
| TOTAL                 | 2492197 | 1322604  | 916470 | 781111 | 323256 | 260853  | 234395  | 333662  | 384663    | 274664  | 84291    | 6177409  | 13585575 |
| <b>GILL NET</b>       |         |          |        |        |        |         |         |         |           |         |          |          |          |
| <b>FISH:</b>          |         |          |        |        |        |         |         |         |           |         |          |          |          |
| Flounder, starry..... | 0       | 19240    | 31952  | 0      | 0      | 0       | 184     | 63746   | 5454      | 5884    | 1004     | 0        | 127464   |
| Salmon, chinook.....  | 0       | 80454    | 130293 | 0      | 0      | 1362    | 1923    | 724267  | 794712    | 165602  | 23531    | 0        | 1922144  |
| Salmon, chum.....     | 0       | 0        | 0      | 0      | 0      | 0       | 0       | 1       | 29        | 4752    | 8230     | 0        | 13012    |
| Salmon, coho.....     | 0       | 0        | 0      | 0      | 0      | 54      | 0       | 5177    | 386942    | 412447  | 134358   | 0        | 938978   |
| Salmon, sockeye.....  | 0       | 0        | 0      | 0      | 0      | 0       | 0       | 0       | 0         | 16      | 0        | 0        | 16       |
| Shad, American.....   | 0       | 0        | 0      | 1194   | 125630 | 490062  | 8153    | 0       | 99        | 82      | 3        | 0        | 625223   |
| Smelt.....            | 70      | 0        | 0      | 0      | 0      | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 70       |
| Steelhead.....        | 0       | 0        | 0      | 0      | 0      | 0       | 0       | 0       | 29        | 0       | 0        | 0        | 29       |
| Sturgeon, green.....  | 0       | 0        | 116    | 0      | 0      | 38      | 150     | 29995   | 697       | 365     | 36       | 0        | 31397    |
| Sturgeon, white.....  | 0       | 12189    | 22285  | 60     | 0      | 48      | 0       | 57266   | 23017     | 19522   | 6246     | 0        | 140633   |
| TOTAL                 | 70      | 111883   | 184646 | 1254   | 125630 | 491564  | 10410   | 880452  | 1210979   | 608670  | 173408   | 0        | 3798966  |
| <b>TROLL</b>          |         |          |        |        |        |         |         |         |           |         |          |          |          |
| <b>FISH:</b>          |         |          |        |        |        |         |         |         |           |         |          |          |          |
| Flounder, arrowtooth. | 0       | 0        | 0      | 0      | 0      | 0       | 3       | 21      | 0         | 0       | 0        | 0        | 24       |
| Flounder, starry..... | 0       | 0        | 0      | 0      | 5      | 2       | 0       | 6       | 12        | 0       | 0        | 0        | 25       |
| Hake, Pac. (Whiting). | 0       | 0        | 0      | 0      | 0      | 0       | 937     | 1078    | 0         | 0       | 0        | 0        | 2015     |
| Halibut, Pacific..... | 0       | 0        | 0      | 0      | 80     | 624     | 2951    | 2501    | 502       | 0       | 0        | 0        | 6658     |
| Lingcod.....          | 0       | 669      | 11741  | 4638   | 2663   | 11014   | 20218   | 18816   | 21944     | 15216   | 1476     | 0        | 108395   |
| Mackerel.....         | 0       | 0        | 0      | 0      | 0      | 19      | 176     | 205     | 111       | 299     | 0        | 0        | 810      |
| Rockfish (misc. spp.) | 0       | 305      | 4219   | 4301   | 14772  | 103759  | 149414  | 150893  | 108474    | 51985   | 7459     | 0        | 595581   |
| Sablefish.....        | 0       | 0        | 0      | 0      | 0      | 74      | 919     | 102     | 318       | 29      | 0        | 0        | 1442     |
| Salmon, chinook.....  | 0       | 0        | 0      | 171    | 35277  | 455675  | 715308  | 496349  | 273864    | 131243  | 73220    | 0        | 2181107  |
| Salmon, chum.....     | 0       | 0        | 0      | 0      | 0      | 0       | 0       | 0       | 0         | 74      | 0        | 0        | 74       |
| Salmon, coho.....     | 0       | 0        | 0      | 0      | 0      | 1403943 | 1184316 | 539770  | 58211     | 10013   | 10       | 0        | 3196263  |
| Salmon, pink.....     | 0       | 0        | 0      | 0      | 0      | 0       | 8       | 8       | 0         | 265     | 0        | 0        | 281      |
| Sole, Dover.....      | 0       | 0        | 0      | 4      | 0      | 0       | 0       | 1       | 13        | 0       | 0        | 0        | 18       |
| Sole, petrale.....    | 0       | 0        | 0      | 47     | 9      | 151     | 212     | 233     | 74        | 2       | 0        | 0        | 728      |
| Tuna, albacore.....   | 0       | 1753     | 0      | 0      | 0      | 0       | 871812  | 7071501 | 3035949   | 301053  | 165      | 0        | 11282233 |
| Tuna, skipjack.....   | 0       | 2828     | 0      | 0      | 1760   | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 4588     |
| Tuna, yellowfin.....  | 0       | 13890    | 0      | 0      | 1417   | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 15307    |
| <b>MOLLUSKS:</b>      |         |          |        |        |        |         |         |         |           |         |          |          |          |
| Octopus.....          | 0       | 0        | 0      | 0      | 0      | 0       | 0       | 3       | 0         | 0       | 32       | 0        | 35       |
| TOTAL                 | 0       | 19445    | 15960  | 9161   | 55983  | 1975261 | 2946274 | 8281487 | 3499472   | 510179  | 82362    | 0        | 17395584 |



TABLE 24. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR IN OREGON, 1978. (CONTINUED)

| GEAR/SPECIES               | JANUARY | FEBRUARY | MARCH   | APRIL   | MAY     | JUNE   | JULY    | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|----------------------------|---------|----------|---------|---------|---------|--------|---------|---------|-----------|---------|----------|----------|---------|
| <b>SET NET</b>             |         |          |         |         |         |        |         |         |           |         |          |          |         |
| FISH:                      |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Salmon, chinook.....       | 0       | 846      | 13836   | 5145    | 1513    | 510    | 0       | 18599   | 388898    | 10325   | 0        | 0        | 439672  |
| Salmon, coho.....          | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 168     | 11907     | 661     | 0        | 0        | 12736   |
| Salmon, sockeye.....       | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 9         | 25      | 0        | 0        | 34      |
| Steelhead.....             | 1934    | 2172     | 5836    | 242     | 0       | 0      | 0       | 7994    | 52486     | 4125    | 0        | 0        | 74789   |
| Sturgeon, white.....       | 0       | 0        | 243     | 0       | 69      | 0      | 0       | 2294    | 3391      | 632     | 0        | 0        | 6629    |
| TOTAL                      | 1934    | 3018     | 19915   | 5387    | 1582    | 510    | 0       | 29055   | 456691    | 15768   | 0        | 0        | 533860  |
| <b>DIP NET OR JIG</b>      |         |          |         |         |         |        |         |         |           |         |          |          |         |
| FISH:                      |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Flounder, starry.....      | 0       | 0        | 0       | 4       | 0       | 1      | 0       | 0       | 0         | 0       | 0        | 3        | 8       |
| Herring, Pacific.....      | 0       | 0        | 0       | 0       | 0       | 900    | 0       | 0       | 0         | 0       | 0        | 0        | 900     |
| Lamprey, Pacific.....      | 0       | 0        | 0       | 0       | 0       | 325    | 0       | 0       | 0         | 0       | 0        | 0        | 325     |
| Lingcod.....               | 741     | 1358     | 2819    | 46      | 119     | 159    | 0       | 0       | 0         | 4       | 2368     | 78       | 7692    |
| Rockfish (misc. spp.)      | 350     | 430      | 1497    | 0       | 258     | 1709   | 2840    | 1900    | 0         | 2545    | 9875     | 3008     | 24412   |
| Salmon, chinook.....       | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 430       | 81      | 0        | 0        | 511     |
| Salmon, coho.....          | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 64        | 0       | 0        | 0        | 64      |
| Shad, American.....        | 0       | 0        | 0       | 0       | 0       | 41271  | 0       | 0       | 0         | 0       | 0        | 0        | 41271   |
| Shark, soupfin.....        | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 0         | 14      | 0        | 0        | 14      |
| Smelt.....                 | 0       | 0        | 0       | 0       | 0       | 80     | 40      | 19      | 0         | 0       | 0        | 0        | 139     |
| Sole, sand.....            | 0       | 0        | 0       | 0       | 0       | 1      | 0       | 0       | 0         | 3       | 0        | 0        | 4       |
| Steelhead.....             | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 74      | 8         | 0       | 0        | 0        | 82      |
| Surfperch.....             | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 0         | 0       | 0        | 28       | 28      |
| TOTAL                      | 1091    | 1788     | 4316    | 50      | 377     | 44446  | 2880    | 1993    | 502       | 2647    | 12243    | 3117     | 75450   |
| <b>LONGLINE OR SETLINE</b> |         |          |         |         |         |        |         |         |           |         |          |          |         |
| FISH:                      |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Cod, Pacific.....          | 0       | 0        | 0       | 0       | 0       | 0      | 164     | 331     | 0         | 0       | 0        | 0        | 495     |
| Flounder, arrowtooth.....  | 0       | 0        | 0       | 0       | 0       | 6      | 0       | 0       | 0         | 0       | 0        | 0        | 6       |
| Flounder, starry.....      | 0       | 0        | 75      | 0       | 0       | 0      | 0       | 0       | 0         | 0       | 0        | 0        | 75      |
| Halibut, Pacific.....      | 0       | 0        | 0       | 0       | 658     | 4871   | 15331   | 3514    | 31966     | 0       | 0        | 0        | 56340   |
| Lingcod.....               | 0       | 0        | 90      | 0       | 259     | 330    | 244     | 596     | 1241      | 246     | 0        | 0        | 3006    |
| Rockfish (misc. spp.)      | 0       | 0        | 0       | 0       | 1461    | 6981   | 6163    | 15919   | 35511     | 4270    | 103      | 20       | 70428   |
| Sablefish.....             | 189     | 0        | 0       | 10186   | 27997   | 39437  | 67131   | 138779  | 272672    | 109610  | 24217    | 15499    | 705717  |
| Skates and Rays.....       | 0       | 0        | 0       | 0       | 0       | 0      | 122     | 0       | 0         | 0       | 0        | 0        | 122     |
| Sole, Dover.....           | 0       | 0        | 0       | 0       | 0       | 4      | 5       | 3       | 0         | 0       | 0        | 0        | 12      |
| Sole, petrale.....         | 0       | 0        | 0       | 0       | 0       | 0      | 8       | 0       | 29        | 0       | 0        | 0        | 37      |
| Sturgeon, white.....       | 321     | 4291     | 4492    | 10210   | 4748    | 0      | 0       | 7134    | 2040      | 586     | 0        | 0        | 33822   |
| TOTAL                      | 510     | 4291     | 4657    | 20396   | 35123   | 51637  | 89160   | 166276  | 343459    | 114712  | 24320    | 15519    | 870060  |
| <b>BAIT NET OR SEINE</b>   |         |          |         |         |         |        |         |         |           |         |          |          |         |
| FISH:                      |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Anchovy, northern....      | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 300       | 0       | 0        | 0        | 300     |
| Herring, Pacific.....      | 469     | 42083    | 14378   | 30852   | 729     | 7345   | 12603   | 25028   | 2844      | 0       | 0        | 0        | 136331  |
| Shad, American.....        | 0       | 0        | 0       | 0       | 0       | 5104   | 0       | 0       | 0         | 0       | 0        | 0        | 5104    |
| Skates and Rays.....       | 0       | 40       | 0       | 0       | 0       | 0      | 0       | 0       | 0         | 0       | 0        | 0        | 40      |
| Smelt.....                 | 0       | 0        | 0       | 0       | 30      | 0      | 3381    | 3000    | 480       | 0       | 0        | 0        | 6891    |
| Tuna, bluefin.....         | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 155179  | 0         | 0       | 0        | 0        | 155179  |
| Tuna, skipjack.....        | 0       | 0        | 780856  | 810271  | 198670  | 0      | 616947  | 152401  | 0         | 0       | 290534   | 0        | 2849679 |
| Tuna, yellowfin.....       | 0       | 0        | 576257  | 391808  | 1009711 | 0      | 646161  | 739311  | 0         | 0       | 724253   | 0        | 4087501 |
| TOTAL                      | 469     | 42123    | 1371491 | 1232931 | 1209140 | 12449  | 1279092 | 1074919 | 3624      | 0       | 1014787  | 0        | 7241025 |
| <b>SHRIMP TRAWL</b>        |         |          |         |         |         |        |         |         |           |         |          |          |         |
| FISH:                      |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Cod, Pacific.....          | 0       | 0        | 0       | 3412    | 4784    | 14606  | 14284   | 2808    | 2361      | 3153    | 0        | 0        | 45408   |
| Flounder, arrowtooth.....  | 0       | 0        | 0       | 300     | 1122    | 3755   | 527     | 1333    | 828       | 151     | 0        | 0        | 8016    |
| Flounder, starry.....      | 0       | 0        | 0       | 0       | 0       | 534    | 0       | 0       | 517       | 26      | 0        | 0        | 1077    |
| Hake, Pac. (Whiting).....  | 0       | 0        | 0       | 0       | 0       | 0      | 60      | 1700    | 110       | 0       | 0        | 0        | 1870    |
| Lingcod.....               | 0       | 0        | 0       | 5468    | 10088   | 16095  | 28708   | 11700   | 7005      | 2543    | 0        | 0        | 81607   |
| Rockfish (misc. spp.)      | 0       | 0        | 0       | 139109  | 195662  | 443200 | 412474  | 368546  | 344102    | 54041   | 0        | 0        | 1957134 |
| Pac. Oc. perch.....        | 0       | 0        | 0       | 672     | 4646    | 10298  | 932     | 4859    | 2810      | 815     | 0        | 0        | 25032   |
| Sablefish.....             | 0       | 0        | 0       | 129     | 1470    | 15283  | 17862   | 45590   | 73371     | 6414    | 0        | 0        | 160119  |
| Sanddab, Pacific.....      | 0       | 0        | 0       | 15      | 279     | 1001   | 128     | 0       | 0         | 56      | 0        | 0        | 1479    |
| Sole, butter.....          | 0       | 0        | 0       | 0       | 16      | 176    | 358     | 6       | 3         | 0       | 0        | 0        | 559     |

TABLE 24. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR IN OREGON, 1978. (CONTINUED)

| GEAR/SPECIES           | JANUARY | FEBRUARY | MARCH   | APRIL    | MAY      | JUNE     | JULY     | AUGUST   | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL     |
|------------------------|---------|----------|---------|----------|----------|----------|----------|----------|-----------|---------|----------|----------|-----------|
| Sole, curlfin(turbot)  | 0       | 0        | 0       | 0        | 0        | 577      | 0        | 10       | 0         | 0       | 0        | 0        | 587       |
| Sole, Dover.....       | 0       | 0        | 0       | 3339     | 10880    | 33057    | 19840    | 19500    | 16630     | 2778    | 0        | 0        | 106024    |
| Sole, English.....     | 0       | 0        | 0       | 683      | 145      | 1669     | 87       | 206      | 295       | 307     | 0        | 0        | 3392      |
| Sole, flathead.....    | 0       | 0        | 0       | 0        | 0        | 0        | 0        | 0        | 257       | 82      | 0        | 0        | 335       |
| Sole, petrale.....     | 0       | 0        | 0       | 3408     | 2811     | 5157     | 2590     | 1929     | 1753      | 208     | 0        | 0        | 17856     |
| Sole, rex.....         | 0       | 0        | 0       | 1586     | 2018     | 3174     | 1206     | 837      | 459       | 189     | 0        | 0        | 9469      |
| Sole, rock.....        | 0       | 0        | 0       | 0        | 0        | 0        | 0        | 0        | 81        | 0       | 0        | 0        | 81        |
| Sole, sand.....        | 0       | 0        | 0       | 135      | 0        | 398      | 0        | 14       | 0         | 0       | 0        | 0        | 547       |
| Sole, slender.....     | 0       | 0        | 0       | 0        | 0        | 0        | 64       | 0        | 0         | 0       | 0        | 0        | 64        |
| Sole, miscellaneous..  | 0       | 0        | 0       | 45       | 0        | 0        | 0        | 0        | 0         | 0       | 0        | 0        | 45        |
| Tuna, albacore.....    | 0       | 0        | 0       | 0        | 0        | 0        | 0        | 2490     | 696       | 0       | 0        | 0        | 3186      |
| Miscellaneous.....     | 0       | 0        | 0       | 0        | 4        | 22       | 14       | 3        | 200       | 0       | 0        | 0        | 243       |
| CRUSTACEANS:           |         |          |         |          |          |          |          |          |           |         |          |          |           |
| Shrimp, pink.....      | 0       | 0        | 0       | 10314777 | 11358645 | 12730599 | 10516128 | 6276663  | 4539614   | 929683  | 0        | 0        | 56666109  |
| MOLLUSKS:              |         |          |         |          |          |          |          |          |           |         |          |          |           |
| Octopus.....           | 0       | 0        | 0       | 11       | 90       | 138      | 90       | 80       | 48        | 0       | 0        | 0        | 457       |
| TOTAL                  | 0       | 0        | 0       | 10473089 | 11592660 | 13279739 | 11015352 | 6738274  | 4991140   | 1000446 | 0        | 0        | 59090700  |
| GROUND FISH TRAWL      |         |          |         |          |          |          |          |          |           |         |          |          |           |
| FISH:                  |         |          |         |          |          |          |          |          |           |         |          |          |           |
| Cod, Pacific.....      | 5294    | 500      | 37604   | 100315   | 104452   | 220599   | 183513   | 87865    | 52552     | 62662   | 18756    | 11647    | 885759    |
| Flounder, arrowtooth.  | 160     | 2247     | 13686   | 56665    | 24199    | 35790    | 44814    | 30828    | 36108     | 114681  | 11785    | 1555     | 372518    |
| Flounder, starry....   | 56198   | 71967    | 55735   | 34056    | 24572    | 129528   | 221657   | 104382   | 136596    | 178718  | 18150    | 50978    | 1082537   |
| Hake, Pac. (Whiting).. | 0       | 0        | 0       | 0        | 37122    | 236954   | 239504   | 273374   | 43435     | 23775   | 0        | 0        | 854164    |
| Lingcod.....           | 22339   | 14091    | 73530   | 70920    | 63391    | 141437   | 164101   | 138151   | 63704     | 149704  | 36425    | 39210    | 977003    |
| Rockfish (misc. spp.)  | 277156  | 370587   | 1147485 | 373652   | 620751   | 683306   | 1211256  | 822076   | 836700    | 1489788 | 637454   | 432649   | 8902860   |
| Pac. Oc. perch.....    | 131121  | 70554    | 80118   | 121995   | 150333   | 263074   | 196432   | 272179   | 84983     | 467640  | 31217    | 39383    | 1909029   |
| Sablefish.....         | 138102  | 27176    | 72191   | 95263    | 124333   | 225456   | 305419   | 304528   | 332445    | 322010  | 193420   | 79513    | 2219856   |
| Sanddab, Pacific.....  | 23313   | 8728     | 41335   | 20274    | 5542     | 12998    | 21120    | 20577    | 5305      | 27359   | 16835    | 22162    | 225548    |
| Shark, soupfin.....    | 358     | 26       | 54      | 0        | 0        | 0        | 38       | 0        | 28        | 110     | 73       | 155      | 842       |
| Shark, spiny dogfish.  | 30      | 24642    | 34925   | 38918    | 6905     | 0        | 0        | 0        | 19038     | 7925    | 8325     | 19615    | 160323    |
| Skates and Rays.....   | 9170    | 20455    | 76138   | 70912    | 20993    | 89375    | 49870    | 20750    | 12663     | 24504   | 3384     | 3192     | 401406    |
| Sole, butter.....      | 17898   | 9220     | 6803    | 917      | 4318     | 1528     | 3062     | 3919     | 260       | 5083    | 6543     | 3388     | 62939     |
| Sole, curlfin(turbot)  | 0       | 0        | 2644    | 586      | 300      | 2390     | 1996     | 1197     | 37        | 350     | 0        | 0        | 9500      |
| Sole, Dover.....       | 66153   | 61061    | 303277  | 473269   | 402277   | 1235213  | 857212   | 1063869  | 794896    | 1141869 | 568245   | 473019   | 7440360   |
| Sole, English.....     | 219911  | 99880    | 167380  | 60528    | 57947    | 131872   | 264337   | 262413   | 186978    | 398704  | 220719   | 209803   | 2280472   |
| Sole, flathead.....    | 3758    | 2980     | 4186    | 452      | 79       | 791      | 1368     | 979      | 1344      | 331     | 0        | 1520     | 17788     |
| Sole, petrale.....     | 156124  | 105199   | 250501  | 215457   | 185715   | 275325   | 310744   | 154286   | 95531     | 203495  | 139496   | 135694   | 2227567   |
| Sole, rex.....         | 67623   | 65622    | 147506  | 116890   | 42383    | 216493   | 256729   | 218437   | 83233     | 109477  | 54333    | 43383    | 1422109   |
| Sole, rock.....        | 0       | 170      | 6471    | 74       | 615      | 4095     | 4080     | 1933     | 2099      | 495     | 51       | 0        | 20083     |
| Sole, sand.....        | 25551   | 22111    | 51782   | 23524    | 32246    | 13235    | 138336   | 52387    | 65032     | 85402   | 39713    | 19228    | 568547    |
| Sole, miscellaneous..  | 49      | 9461     | 1166    | 620      | 0        | 0        | 0        | 0        | 5538      | 0       | 0        | 2373     | 19207     |
| Sturgeon, green.....   | 75      | 276      | 459     | 58       | 1028     | 202      | 1190     | 52       | 126       | 43      | 89       | 0        | 3598      |
| Sturgeon, white.....   | 0       | 0        | 0       | 0        | 0        | 25       | 40       | 0        | 0         | 0       | 0        | 70       | 135       |
| Surfperch.....         | 0       | 0        | 0       | 260      | 0        | 0        | 0        | 0        | 0         | 0       | 0        | 0        | 260       |
| Wolf-eel.....          | 20      | 23       | 44      | 0        | 0        | 0        | 300      | 0        | 55        | 14      | 0        | 0        | 456       |
| Miscellaneous.....     | 6600    | 0        | 0       | 0        | 12203    | 27420    | 15467    | 32315    | 12103     | 15321   | 656      | 0        | 122085    |
| CRUSTACEANS:           |         |          |         |          |          |          |          |          |           |         |          |          |           |
| Crab, Dungeness, Bay.  | 0       | 0        | 0       | 0        | 0        | 0        | 0        | 0        | 0         | 48      | 0        | 0        | 48        |
| MOLLUSKS:              |         |          |         |          |          |          |          |          |           |         |          |          |           |
| Octopus.....           | 1125    | 783      | 984     | 109      | 296      | 258      | 348      | 254      | 211       | 1790    | 2009     | 1102     | 9269      |
| TOTAL                  | 1228128 | 987759   | 2576004 | 1875714  | 1922000  | 3947364  | 4492933  | 3866751  | 2871000   | 4831298 | 2007678  | 1589639  | 32196268  |
| TOTAL                  | 3724399 | 2492911  | 5093459 | 14399093 | 15265751 | 20063823 | 20070496 | 21372869 | 13761530  | 7358384 | 3399089  | 7785684  | 134787488 |

TABLE 22. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR FROM THE COLUMBIA RIVER, 1978. 1/

| GEAR/SPECIES                | JANUARY | FEBRUARY | MARCH  | APRIL | MAY   | JUNE   | JULY  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------------|---------|----------|--------|-------|-------|--------|-------|--------|-----------|---------|----------|----------|---------|
| <b>BELOW BONNEVILLE DAM</b> |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>POTS OR MISC.</b>        |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Lamprey, Pacific.....       | 0       | 0        | 0      | 0     | 0     | 0      | 8765  | 0      | 0         | 0       | 0        | 0        | 8765    |
| <b>CRUSTACEANS:</b>         |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Crayfish.....               | 0       | 0        | 0      | 0     | 0     | 907    | 2819  | 3827   | 3474      | 259     | 0        | 0        | 11286   |
| TOTAL                       | 0       | 0        | 0      | 0     | 0     | 907    | 11584 | 3827   | 3474      | 259     | 0        | 0        | 20051   |
| <b>GILL NET</b>             |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Flounder, starry.....       | 0       | 19240    | 31952  | 0     | 0     | 0      | 184   | 63746  | 5454      | 5884    | 1004     | 0        | 127464  |
| Salmon, chinook.....        | 0       | 80454    | 130293 | 0     | 0     | 1362   | 1923  | 724267 | 794712    | 165602  | 23531    | 0        | 1922144 |
| Salmon, chum.....           | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 1      | 29        | 4752    | 8230     | 0        | 13012   |
| Salmon, coho.....           | 0       | 0        | 0      | 0     | 0     | 54     | 0     | 5177   | 386942    | 412447  | 134358   | 0        | 938978  |
| Salmon, sockeye.....        | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 0         | 16      | 0        | 0        | 16      |
| Shad, American.....         | 0       | 0        | 0      | 0     | 7166  | 380849 | 8153  | 0      | 99        | 82      | 3        | 0        | 396352  |
| Smelt.....                  | 70      | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 0         | 0       | 0        | 0        | 70      |
| Steelhead.....              | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 29        | 0       | 0        | 0        | 29      |
| Sturgeon, green.....        | 0       | 0        | 116    | 0     | 0     | 38     | 150   | 29995  | 697       | 365     | 36       | 0        | 31397   |
| Sturgeon, white.....        | 0       | 12159    | 22285  | 60    | 0     | 48     | 0     | 57266  | 23017     | 19522   | 6246     | 0        | 140633  |
| TOTAL                       | 70      | 111853   | 184646 | 60    | 7166  | 382351 | 10410 | 880452 | 1210979   | 608670  | 173408   | 0        | 3570095 |
| <b>SET NET</b>              |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Salmon, chinook.....        | 0       | 29       | 0      | 0     | 0     | 0      | 0     | 0      | 0         | 0       | 0        | 0        | 29      |
| TOTAL                       | 0       | 29       | 0      | 0     | 0     | 0      | 0     | 0      | 0         | 0       | 0        | 0        | 29      |
| <b>DIP NET OR JIG</b>       |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Lamprey, Pacific.....       | 0       | 0        | 0      | 0     | 0     | 325    | 0     | 0      | 0         | 0       | 0        | 0        | 325     |
| Shad, American.....         | 0       | 0        | 0      | 0     | 0     | 22540  | 0     | 0      | 0         | 0       | 0        | 0        | 22540   |
| TOTAL                       | 0       | 0        | 0      | 0     | 0     | 22865  | 0     | 0      | 0         | 0       | 0        | 0        | 22865   |
| <b>LONGLINE OR SETLINE</b>  |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Flounder, starry.....       | 0       | 0        | 75     | 0     | 0     | 0      | 0     | 0      | 0         | 0       | 0        | 0        | 75      |
| Sturgeon, white.....        | 321     | 4291     | 4492   | 7396  | 135   | 0      | 0     | 5849   | 1956      | 422     | 0        | 0        | 24862   |
| TOTAL                       | 321     | 4291     | 4567   | 7396  | 135   | 0      | 0     | 5849   | 1956      | 422     | 0        | 0        | 24937   |
| TOTAL                       | 391     | 116203   | 189213 | 7456  | 7301  | 406123 | 21994 | 890128 | 1216409   | 609351  | 173408   | 0        | 3637977 |
| <b>ABOVE BONNEVILLE DAM</b> |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>SET NET</b>              |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Salmon, chinook.....        | 0       | 217      | 13836  | 5145  | 1513  | 510    | 0     | 18599  | 388898    | 10325   | 0        | 0        | 439643  |
| Salmon, coho.....           | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 168    | 11907     | 661     | 0        | 0        | 12736   |
| Salmon, sockeye.....        | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 9         | 25      | 0        | 0        | 34      |
| Steelhead.....              | 1934    | 2172     | 5836   | 242   | 0     | 0      | 0     | 7994   | 52486     | 4125    | 0        | 0        | 74789   |
| Sturgeon, white.....        | 0       | 0        | 243    | 0     | 69    | 0      | 0     | 2294   | 3391      | 632     | 0        | 0        | 6629    |
| TOTAL                       | 1934    | 2389     | 19915  | 5387  | 1582  | 510    | 0     | 29055  | 456691    | 15768   | 0        | 0        | 533831  |
| <b>DIP NET OR JIG</b>       |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Salmon, chinook.....        | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 430       | 81      | 0        | 0        | 511     |
| Salmon, coho.....           | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 0      | 64        | 0       | 0        | 0        | 64      |
| Shad, American.....         | 0       | 0        | 0      | 0     | 0     | 18731  | 0     | 0      | 0         | 0       | 0        | 0        | 18731   |
| Steelhead.....              | 0       | 0        | 0      | 0     | 0     | 0      | 0     | 74     | 8         | 0       | 0        | 0        | 82      |
| TOTAL                       | 0       | 0        | 0      | 0     | 0     | 18731  | 0     | 74     | 502       | 81      | 0        | 0        | 19388   |
| <b>LONGLINE OR SETLINE</b>  |         |          |        |       |       |        |       |        |           |         |          |          |         |
| <b>FISH:</b>                |         |          |        |       |       |        |       |        |           |         |          |          |         |
| Sturgeon, white.....        | 0       | 0        | 0      | 2814  | 4613  | 0      | 0     | 1285   | 84        | 164     | 0        | 0        | 8960    |
| TOTAL                       | 0       | 0        | 0      | 2814  | 4613  | 0      | 0     | 1285   | 84        | 164     | 0        | 0        | 8960    |
| TOTAL                       | 1934    | 2389     | 19915  | 8201  | 6195  | 19241  | 0     | 30414  | 457277    | 16013   | 0        | 0        | 562179  |
| TOTAL                       | 2325    | 119192   | 209128 | 15657 | 13496 | 425364 | 21994 | 920542 | 1673686   | 625364  | 173408   | 0        | 4200156 |

1/ OREGON LANDINGS ONLY.

TABLE 23- MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT AS CA, 1978. 1/ 2/

| GEAR/SPECIES               | JANUARY | FEBRUARY | MARCH   | APRIL   | MAY     | JUNE   | JULY    | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|----------------------------|---------|----------|---------|---------|---------|--------|---------|---------|-----------|---------|----------|----------|---------|
| <b>POTS OR MISC.</b>       |         |          |         |         |         |        |         |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Cod, Pacific.....          | 0       | 0        | 0       | 0       | 0       | 0      | 14      | 0       | 0         | 0       | 0        | 0        | 14      |
| Lingcod.....               | 0       | 0        | 0       | 327     | 483     | 125    | 0       | 0       | 0         | 0       | 0        | 0        | 935     |
| Rockfish (misc. spp.)      | 0       | 0        | 0       | 12      | 150     | 348    | 360     | 0       | 0         | 0       | 0        | 0        | 870     |
| Sablefish.....             | 0       | 0        | 0       | 0       | 0       | 0      | 6116    | 0       | 0         | 0       | 0        | 0        | 6116    |
| <b>CRUSTACEANS:</b>        |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Crab, Dungeness, Oc..      | 647521  | 363507   | 297612  | 249190  | 118727  | 46142  | 39952   | 36948   | 10705     | 0       | 0        | 732367   | 2542671 |
| Shrimp, ghost (sand).      | 0       | 0        | 150     | 0       | 0       | 330    | 660     | 480     | 240       | 70      | 0        | 0        | 1930    |
| <b>MOLLUSKS:</b>           |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Clams, razor.....          | 840     | 1789     | 3501    | 9596    | 14055   | 6509   | 1531    | 844     | 514       | 997     | 932      | 310      | 41418   |
| Mussels.....               | 0       | 0        | 0       | 0       | 52      | 0      | 0       | 0       | 0         | 0       | 0        | 0        | 52      |
| TOTAL                      | 648361  | 365296   | 301263  | 259125  | 133467  | 53454  | 48633   | 38272   | 11459     | 1067    | 932      | 732677   | 2594006 |
| <b>TROLL</b>               |         |          |         |         |         |        |         |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Flounder, arrowtooth.      | 0       | 0        | 0       | 0       | 0       | 0      | 3       | 21      | 0         | 0       | 0        | 0        | 24      |
| Flounder, starry.....      | 0       | 0        | 0       | 0       | 5       | 2      | 0       | 0       | 0         | 0       | 0        | 0        | 7       |
| Halibut, Pacific.....      | 0       | 0        | 0       | 0       | 13      | 100    | 10      | 54      | 0         | 0       | 0        | 0        | 177     |
| Lingcod.....               | 0       | 0        | 0       | 0       | 522     | 860    | 1704    | 354     | 6         | 0       | 0        | 0        | 3446    |
| Rockfish (misc. spp.)      | 0       | 0        | 0       | 0       | 4357    | 5321   | 11971   | 1936    | 699       | 60      | 0        | 0        | 24344   |
| Sablefish.....             | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 24      | 0         | 0       | 0        | 0        | 24      |
| Salmon, chinook.....       | 0       | 0        | 0       | 0       | 12630   | 67886  | 66831   | 12835   | 1734      | 32074   | 0        | 0        | 193990  |
| Salmon, chum.....          | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 0         | 74      | 0        | 0        | 74      |
| Salmon, coho.....          | 0       | 0        | 0       | 0       | 0       | 84468  | 117691  | 46040   | 11776     | 6912    | 0        | 0        | 266887  |
| Salmon, pink.....          | 0       | 0        | 0       | 0       | 0       | 0      | 3       | 2       | 0         | 265     | 0        | 0        | 270     |
| Sole, petrale.....         | 0       | 0        | 0       | 0       | 0       | 29     | 5       | 0       | 0         | 0       | 0        | 0        | 34      |
| Tuna, albacore.....        | 0       | 1323     | 0       | 0       | 0       | 0      | 166927  | 3426796 | 1483432   | 237864  | 165      | 0        | 5316507 |
| Tuna, skipjack.....        | 0       | 1814     | 0       | 0       | 1760    | 0      | 0       | 0       | 0         | 0       | 0        | 0        | 3574    |
| Tuna, yellowfin.....       | 0       | 7606     | 0       | 0       | 1417    | 0      | 0       | 0       | 0         | 0       | 0        | 0        | 9023    |
| TOTAL                      | 0       | 10743    | 0       | 0       | 20704   | 158666 | 365145  | 3488062 | 1497647   | 277249  | 165      | 0        | 5818381 |
| <b>LONGLINE OR SETLINE</b> |         |          |         |         |         |        |         |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Flounder, arrowtooth.      | 0       | 0        | 0       | 0       | 0       | 6      | 0       | 0       | 0         | 0       | 0        | 0        | 6       |
| Halibut, Pacific.....      | 0       | 0        | 0       | 0       | 463     | 0      | 0       | 0       | 30858     | 0       | 0        | 0        | 31321   |
| Lingcod.....               | 0       | 0        | 0       | 0       | 225     | 35     | 0       | 0       | 0         | 0       | 0        | 0        | 260     |
| Rockfish (misc. spp.)      | 0       | 0        | 0       | 0       | 1015    | 398    | 0       | 0       | 0         | 0       | 0        | 0        | 1413    |
| Sablefish.....             | 0       | 0        | 0       | 0       | 195     | 9188   | 9882    | 56335   | 0         | 0       | 0        | 497      | 76097   |
| Sole, Dover.....           | 0       | 0        | 0       | 0       | 0       | 4      | 0       | 0       | 0         | 0       | 0        | 0        | 4       |
| TOTAL                      | 0       | 0        | 0       | 0       | 1898    | 9631   | 9882    | 56335   | 30858     | 0       | 0        | 497      | 109101  |
| <b>BAIT NET OR SEINE</b>   |         |          |         |         |         |        |         |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Tuna, bluefin.....         | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 155179  | 0         | 0       | 0        | 0        | 155179  |
| Tuna, skipjack.....        | 0       | 0        | 780856  | 810271  | 198670  | 0      | 616947  | 152401  | 0         | 0       | 290534   | 0        | 2849679 |
| Tuna, yellowfin.....       | 0       | 0        | 576257  | 391808  | 1009711 | 0      | 646161  | 739311  | 0         | 0       | 724253   | 0        | 4087501 |
| TOTAL                      | 0       | 0        | 1357113 | 1202079 | 1208381 | 0      | 1263108 | 1046891 | 0         | 0       | 1014787  | 0        | 7092359 |
| <b>SHRIMP TRAWL</b>        |         |          |         |         |         |        |         |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |         |         |         |        |         |         |           |         |          |          |         |
| Cod, Pacific.....          | 0       | 0        | 0       | 3243    | 4371    | 12691  | 13578   | 1383    | 1804      | 3153    | 0        | 0        | 40223   |
| Flounder, arrowtooth.      | 0       | 0        | 0       | 0       | 475     | 3630   | 0       | 0       | 0         | 0       | 0        | 0        | 4105    |
| Flounder, starry.....      | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 2         | 0       | 0        | 0        | 2       |
| Lingcod.....               | 0       | 0        | 0       | 3976    | 4550    | 9695   | 19959   | 3410    | 3587      | 1656    | 0        | 0        | 46833   |
| Rockfish (misc. spp.)      | 0       | 0        | 0       | 45078   | 50208   | 84901  | 141031  | 54766   | 160667    | 14986   | 0        | 0        | 551637  |
| Pac. Oc. perch.....        | 0       | 0        | 0       | 0       | 617     | 186    | 0       | 0       | 0         | 0       | 0        | 0        | 803     |
| Sablefish.....             | 0       | 0        | 0       | 117     | 94      | 7552   | 9633    | 6548    | 1435      | 420     | 0        | 0        | 25799   |
| Sanddab, Pacific.....      | 0       | 0        | 0       | 14      | 0       | 131    | 28      | 0       | 0         | 56      | 0        | 0        | 229     |
| Sole, butter.....          | 0       | 0        | 0       | 0       | 16      | 176    | 358     | 6       | 3         | 0       | 0        | 0        | 559     |
| Sole, Dover.....           | 0       | 0        | 0       | 975     | 2965    | 11534  | 6057    | 2020    | 735       | 809     | 0        | 0        | 25095   |
| Sole, English.....         | 0       | 0        | 0       | 13      | 32      | 1462   | 83      | 0       | 29        | 142     | 0        | 0        | 1761    |
| Sole, flathead.....        | 0       | 0        | 0       | 0       | 0       | 0      | 0       | 0       | 257       | 82      | 0        | 0        | 339     |
| Sole, petrale.....         | 0       | 0        | 0       | 1559    | 929     | 1597   | 1843    | 211     | 188       | 25      | 0        | 0        | 6352    |

TABLE 26. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT ASTORIA, 1978. 1/ 2/ (CONTINUED)

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH   | APRIL   | MAY     | JUNE    | JULY    | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL    |
|-----------------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|----------|
| Sole, rex.....        | 0       | 0        | 0       | 1366    | 1147    | 1803    | 806     | 25      | 117       | 184     | 0        | 0        | 5448     |
| Sole, slender.....    | 0       | 0        | 0       | 0       | 0       | 0       | 64      | 0       | 0         | 0       | 0        | 0        | 64       |
| Tuna, albacore.....   | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 2490    | 696       | 0       | 0        | 0        | 3186     |
| Miscellaneous.....    | 0       | 0        | 0       | 0       | 4       | 22      | 14      | 3       | 200       | 0       | 0        | 0        | 243      |
| CRUSTACEANS:          |         |          |         |         |         |         |         |         |           |         |          |          |          |
| Shrimp, pink.....     | 0       | 0        | 0       | 1611004 | 1619273 | 1715239 | 1848461 | 477492  | 174520    | 82957   | 0        | 0        | 7528946  |
| TOTAL                 | 0       | 0        | 0       | 1667345 | 1684681 | 1850619 | 2041915 | 548354  | 344240    | 104470  | 0        | 0        | 8241624  |
| GROUND FISH TRAWL     |         |          |         |         |         |         |         |         |           |         |          |          |          |
| FISH:                 |         |          |         |         |         |         |         |         |           |         |          |          |          |
| Cod, Pacific.....     | 4328    | 500      | 37604   | 98488   | 91970   | 200976  | 162877  | 84527   | 52160     | 61949   | 13433    | 9408     | 818220   |
| Flounder, arrowtooth. | 160     | 7        | 10771   | 55440   | 21965   | 31183   | 31100   | 22395   | 22653     | 36657   | 0        | 0        | 232331   |
| Flounder, starry..... | 14609   | 12510    | 28111   | 11240   | 12427   | 126161  | 190557  | 86516   | 110063    | 148531  | 9105     | 20020    | 769850   |
| Hake, Pac. (Whiting). | 0       | 0        | 0       | 0       | 37122   | 236184  | 229960  | 273374  | 43435     | 23775   | 0        | 0        | 843850   |
| Lingcod.....          | 7866    | 5925     | 44806   | 38259   | 27135   | 31630   | 34945   | 55051   | 23820     | 64852   | 1320     | 1569     | 337178   |
| Rockfish (misc. spp.) | 107478  | 178276   | 578030  | 244284  | 410729  | 330076  | 781231  | 306686  | 313134    | 629113  | 41795    | 12024    | 3932856  |
| Pac. Oc. perch.....   | 7685    | 1517     | 80      | 28743   | 63582   | 122050  | 101566  | 118267  | 47441     | 327680  | 0        | 510      | 819121   |
| Sablefish.....        | 48      | 0        | 0       | 19678   | 15997   | 28731   | 73327   | 64918   | 49377     | 81930   | 8628     | 7246     | 349880   |
| Sanddab, Pacific..... | 7332    | 5766     | 24269   | 15719   | 4090    | 8210    | 17254   | 12643   | 3652      | 9183    | 2205     | 3531     | 113854   |
| Shark, spiny dogfish. | 0       | 24612    | 34915   | 38918   | 6905    | 0       | 0       | 0       | 19010     | 7925    | 8245     | 19615    | 160145   |
| Skates and Rays.....  | 9070    | 20420    | 75145   | 70912   | 20993   | 89375   | 49870   | 20750   | 12220     | 21495   | 0        | 2200     | 392450   |
| Sole, butter.....     | 0       | 0        | 0       | 0       | 0       | 0       | 1650    | 0       | 0         | 0       | 0        | 0        | 1650     |
| Sole, Dover.....      | 29      | 417      | 31892   | 98879   | 180828  | 514252  | 476097  | 438921  | 191572    | 190722  | 36961    | 11104    | 2171674  |
| Sole, English.....    | 70646   | 41662    | 70306   | 22778   | 21065   | 76684   | 130924  | 146883  | 128757    | 140551  | 39038    | 13445    | 902739   |
| Sole, flathead.....   | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 2       | 238       | 191     | 0        | 0        | 431      |
| Sole, petrale.....    | 43273   | 21907    | 69562   | 121573  | 112955  | 85816   | 47243   | 33815   | 35704     | 57336   | 3729     | 13657    | 646570   |
| Sole, rex.....        | 35496   | 33709    | 87814   | 96889   | 34988   | 192216  | 226178  | 197374  | 68483     | 62332   | 5132     | 15061    | 1055672  |
| Sole, rock.....       | 0       | 100      | 0       | 0       | 0       | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 100      |
| Sole, sand.....       | 3567    | 6060     | 30827   | 9430    | 3305    | 1295    | 107484  | 38317   | 48955     | 47995   | 26295    | 3446     | 326976   |
| Sole, miscellaneous.. | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0       | 504       | 0       | 0        | 0        | 504      |
| Sturgeon, green.....  | 0       | 16       | 167     | 58      | 550     | 60      | 1163    | 20      | 0         | 0       | 70       | 0        | 2104     |
| Sturgeon, white.....  | 0       | 0        | 0       | 0       | 0       | 25      | 40      | 0       | 0         | 0       | 0        | 0        | 65       |
| Surfperch.....        | 0       | 0        | 260     | 0       | 0       | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 260      |
| Miscellaneous.....    | 6600    | 0        | 0       | 0       | 12203   | 27420   | 15293   | 32315   | 12103     | 15321   | 656      | 0        | 121911   |
| TOTAL                 | 318187  | 353404   | 1124299 | 971548  | 1078809 | 2102344 | 2678759 | 1932774 | 1183281   | 1927538 | 196612   | 132836   | 14000391 |
| TOTAL                 | 966548  | 729443   | 2782675 | 4100097 | 4127940 | 4174714 | 6407442 | 7110688 | 3067485   | 2310324 | 1212496  | 866010   | 37855862 |

1/ OCEAN LANDINGS ONLY; SEE TABLE 25 FOR COLUMBIA RIVER LANDINGS.

2/ INCLUDES LANDINGS AT WARRENTON, HAMMOND, GEARHART, AND SEASIDE.

TABLE 27. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT NEHALEM BAY, 1978.

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| POTS OR MISC.         |         |          |       |       |     |      |      |        |           |         |          |          |       |
| CRUSTACEANS:          |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 0    | 19   | 49     | 0         | 0       | 0        | 0        | 68    |
| TOTAL                 | 0       | 0        | 0     | 0     | 0   | 0    | 19   | 49     | 0         | 0       | 0        | 0        | 68    |
| TOTAL                 |         |          |       |       |     |      | 19   | 49     |           |         |          |          | 68    |

TABLE 2. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT TIL. OK BAY, 1978.

| GEAR/SPECIES              | JANUARY | FEBRUARY | MARCH | APRIL | MAY   | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|---------------------------|---------|----------|-------|-------|-------|--------|--------|--------|-----------|---------|----------|----------|--------|
| <b>POTS OR MISC.</b>      |         |          |       |       |       |        |        |        |           |         |          |          |        |
| <b>FISH:</b>              |         |          |       |       |       |        |        |        |           |         |          |          |        |
| Lingcod.....              | 0       | 0        | 24    | 0     | 50    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 74     |
| Rockfish (misc. spp.)     | 0       | 0        | 119   | 204   | 0     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 323    |
| <b>CRUSTACEANS:</b>       |         |          |       |       |       |        |        |        |           |         |          |          |        |
| Crab, Dungeness, Bay.     | 872     | 357      | 793   | 861   | 274   | 241    | 3087   | 9354   | 4949      | 6179    | 10953    | 4664     | 42584  |
| Crab, Dungeness, Oc..     | 134879  | 91101    | 78170 | 94564 | 57147 | 38205  | 22344  | 37547  | 12097     | 0       | 0        | 239499   | 805553 |
| Shrimp, ghost (sand).     | 536     | 1750     | 5544  | 4294  | 5746  | 4594   | 4175   | 4072   | 3086      | 3597    | 1527     | 409      | 39330  |
| <b>MOLLUSKS:</b>          |         |          |       |       |       |        |        |        |           |         |          |          |        |
| Clams, butter.....        | 0       | 0        | 0     | 0     | 0     | 0      | 0      | 39     | 774       | 490     | 0        | 0        | 1303   |
| Clams, cockle.....        | 0       | 0        | 30    | 19    | 38    | 0      | 53     | 63     | 0         | 315     | 0        | 0        | 518    |
| Clams, gaper.....         | 0       | 0        | 0     | 0     | 0     | 0      | 0      | 0      | 0         | 3       | 0        | 0        | 3      |
| Clams, littleneck....     | 0       | 0        | 0     | 0     | 0     | 0      | 0      | 107    | 655       | 283     | 0        | 0        | 1045   |
| Clams, razor.....         | 0       | 0        | 0     | 0     | 12    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 12     |
| Clams, softshell.....     | 0       | 0        | 0     | 0     | 0     | 0      | 36     | 0      | 0         | 0       | 0        | 0        | 36     |
| Mussels.....              | 0       | 0        | 0     | 0     | 0     | 25     | 0      | 0      | 0         | 0       | 0        | 500      | 525    |
| TOTAL                     | 136287  | 93208    | 84680 | 99942 | 63267 | 43065  | 29695  | 51182  | 21561     | 10867   | 12480    | 245072   | 891306 |
| <b>TROLL</b>              |         |          |       |       |       |        |        |        |           |         |          |          |        |
| <b>FISH:</b>              |         |          |       |       |       |        |        |        |           |         |          |          |        |
| Flounder, starry.....     | 0       | 0        | 0     | 0     | 0     | 0      | 0      | 0      | 6         | 0       | 0        | 0        | 6      |
| Halibut, Pacific.....     | 0       | 0        | 0     | 0     | 0     | 105    | 61     | 15     | 0         | 0       | 0        | 0        | 181    |
| Lingcod.....              | 0       | 0        | 0     | 966   | 479   | 2131   | 1895   | 713    | 127       | 38      | 0        | 0        | 6349   |
| Rockfish (misc. spp.)     | 0       | 0        | 0     | 545   | 1082  | 7762   | 5956   | 4864   | 2078      | 726     | 0        | 0        | 23013  |
| Sablefish.....            | 0       | 0        | 0     | 0     | 0     | 0      | 24     | 0      | 0         | 0       | 0        | 0        | 24     |
| Salmon, chinook.....      | 0       | 0        | 0     | 0     | 331   | 23687  | 33215  | 9589   | 1888      | 2312    | 0        | 0        | 71022  |
| Salmon, coho.....         | 0       | 0        | 0     | 0     | 0     | 104276 | 80216  | 23149  | 2749      | 253     | 0        | 0        | 210643 |
| Sole, Dover.....          | 0       | 0        | 0     | 4     | 0     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 4      |
| Sole, petrale.....        | 0       | 0        | 0     | 47    | 4     | 17     | 22     | 3      | 0         | 0       | 0        | 0        | 93     |
| Tuna, albacore.....       | 0       | 0        | 0     | 0     | 0     | 0      | 26237  | 179545 | 89937     | 5062    | 0        | 0        | 300781 |
| TOTAL                     | 0       | 0        | 0     | 1562  | 1896  | 137978 | 147626 | 217878 | 96785     | 8391    | 0        | 0        | 612116 |
| <b>DIP NET OR JIG</b>     |         |          |       |       |       |        |        |        |           |         |          |          |        |
| <b>FISH:</b>              |         |          |       |       |       |        |        |        |           |         |          |          |        |
| Rockfish (misc. spp.)     | 0       | 0        | 150   | 0     | 0     | 246    | 0      | 0      | 0         | 0       | 0        | 0        | 396    |
| TOTAL                     | 0       | 0        | 150   | 0     | 0     | 246    | 0      | 0      | 0         | 0       | 0        | 0        | 396    |
| <b>LOGLINE OR SETLINE</b> |         |          |       |       |       |        |        |        |           |         |          |          |        |
| <b>FISH:</b>              |         |          |       |       |       |        |        |        |           |         |          |          |        |
| Cod, Pacific.....         | 0       | 0        | 0     | 0     | 0     | 0      | 164    | 331    | 0         | 0       | 0        | 0        | 495    |
| Halibut, Pacific.....     | 0       | 0        | 0     | 0     | 0     | 24     | 394    | 248    | 0         | 0       | 0        | 0        | 666    |
| Lingcod.....              | 0       | 0        | 0     | 0     | 9     | 0      | 128    | 383    | 0         | 0       | 0        | 0        | 520    |
| Rockfish (misc. spp.)     | 0       | 0        | 0     | 0     | 243   | 725    | 1368   | 1982   | 0         | 0       | 0        | 0        | 4318   |
| Sablefish.....            | 0       | 0        | 0     | 0     | 0     | 0      | 112    | 614    | 0         | 0       | 0        | 0        | 726    |
| Sole, Dover.....          | 0       | 0        | 0     | 0     | 0     | 0      | 5      | 3      | 0         | 0       | 0        | 0        | 8      |
| TOTAL                     | 0       | 0        | 0     | 0     | 252   | 749    | 2171   | 3561   | 0         | 0       | 0        | 0        | 6733   |
| <b>SHRIMP TRAWL</b>       |         |          |       |       |       |        |        |        |           |         |          |          |        |
| <b>FISH:</b>              |         |          |       |       |       |        |        |        |           |         |          |          |        |
| Cod, Pacific.....         | 0       | 0        | 0     | 169   | 321   | 1859   | 659    | 1412   | 532       | 0       | 0        | 0        | 4952   |
| Flounder, arrowtooth.     | 0       | 0        | 0     | 0     | 599   | 125    | 454    | 1291   | 533       | 0       | 0        | 0        | 3002   |
| Flounder, starry.....     | 0       | 0        | 0     | 0     | 0     | 534    | 0      | 0      | 515       | 26      | 0        | 0        | 1075   |
| Hake, Pac. (Whiting).     | 0       | 0        | 0     | 0     | 0     | 0      | 60     | 1520   | 0         | 0       | 0        | 0        | 1580   |
| Lingcod.....              | 0       | 0        | 0     | 41    | 1888  | 1145   | 836    | 1836   | 636       | 0       | 0        | 0        | 6382   |
| Rockfish (misc. spp.)     | 0       | 0        | 0     | 3497  | 8155  | 14322  | 7734   | 7215   | 5623      | 60      | 0        | 0        | 46606  |
| Pac. Oc. perch.....       | 0       | 0        | 0     | 8     | 181   | 550    | 149    | 2104   | 336       | 0       | 0        | 0        | 3328   |
| Sablefish.....            | 0       | 0        | 0     | 0     | 292   | 1821   | 1024   | 3034   | 1046      | 0       | 0        | 0        | 7217   |
| Sanddab, Pacific.....     | 0       | 0        | 0     | 0     | 0     | 2      | 0      | 0      | 0         | 0       | 0        | 0        | 2      |
| Sole, Dover.....          | 0       | 0        | 0     | 272   | 2891  | 6441   | 1640   | 3630   | 1212      | 50      | 0        | 0        | 16136  |
| Sole, English.....        | 0       | 0        | 0     | 0     | 58    | 58     | 0      | 0      | 67        | 0       | 0        | 0        | 183    |
| Sole, petrale.....        | 0       | 0        | 0     | 415   | 669   | 1867   | 541    | 597    | 300       | 0       | 0        | 0        | 4389   |
| Sole, rex.....            | 0       | 0        | 0     | 23    | 342   | 1239   | 312    | 396    | 120       | 0       | 0        | 0        | 2432   |
| Sole, sand.....           | 0       | 0        | 0     | 0     | 0     | 94     | 0      | 14     | 0         | 0       | 0        | 0        | 108    |
| Sole, miscellaneous..     | 0       | 0        | 0     | 45    | 0     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 45     |

TABLE 28. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT TILLAMOCK BAY, 1978. (CONTINUED)

| GEAR/SPECIES             | JANUARY | FEBRUARY | MARCH | APRIL  | MAY    | JUNE    | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|--------------------------|---------|----------|-------|--------|--------|---------|--------|--------|-----------|---------|----------|----------|---------|
| <b>CRUSTACEANS:</b>      |         |          |       |        |        |         |        |        |           |         |          |          |         |
| Shrimp, pink.....        | 0       | 0        | 0     | 727401 | 551348 | 1061925 | 397537 | 371348 | 41735     | 3500    | 0        | 0        | 3154794 |
| TOTAL                    | 0       | 0        | 0     | 731871 | 566744 | 1091982 | 410946 | 394397 | 52655     | 3636    | 0        | 0        | 3252231 |
| <b>GROUND FISH TRAWL</b> |         |          |       |        |        |         |        |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |       |        |        |         |        |        |           |         |          |          |         |
| Cod, Pacific.....        | 0       | 0        | 0     | 5      | 0      | 0       | 0      | 359    | 41        | 653     | 3736     | 1294     | 6088    |
| Flounder, arrowtooth.    | 0       | 0        | 0     | 0      | 0      | 0       | 0      | 0      | 7112      | 66066   | 9693     | 271      | 83142   |
| Flounder, starry.....    | 0       | 0        | 0     | 0      | 4      | 473     | 0      | 0      | 0         | 0       | 0        | 0        | 477     |
| Lingcod.....             | 1296    | 15       | 0     | 29     | 9      | 127     | 0      | 501    | 1979      | 8483    | 2729     | 515      | 15683   |
| Rockfish (misc. spp.)    | 1831    | 61       | 0     | 302    | 28     | 425     | 0      | 6699   | 4227      | 13105   | 6186     | 602      | 33466   |
| Pac. Oc. perch.....      | 0       | 0        | 0     | 19     | 0      | 0       | 0      | 60     | 4211      | 6377    | 2206     | 0        | 12873   |
| Sablefish.....           | 0       | 0        | 0     | 0      | 0      | 0       | 0      | 214    | 6537      | 32021   | 3392     | 0        | 42164   |
| Sanddab, Pacific.....    | 0       | 0        | 0     | 0      | 0      | 1005    | 0      | 0      | 156       | 0       | 69       | 0        | 1230    |
| Sole, Dover.....         | 0       | 0        | 0     | 41     | 84     | 407     | 0      | 175    | 13174     | 70250   | 14634    | 971      | 99736   |
| Sole, English.....       | 7482    | 915      | 0     | 0      | 144    | 482     | 0      | 0      | 966       | 273     | 2279     | 3278     | 15819   |
| Sole, petrale.....       | 1816    | 103      | 0     | 38     | 73     | 494     | 0      | 164    | 2664      | 6710    | 4843     | 3578     | 20483   |
| Sole, rex.....           | 4123    | 466      | 0     | 10     | 0      | 46      | 0      | 40     | 795       | 2651    | 1555     | 2002     | 11688   |
| Sole, sand.....          | 263     | 0        | 0     | 0      | 45     | 2120    | 0      | 0      | 0         | 0       | 0        | 0        | 2428    |
| Sole, miscellaneous..    | 49      | 0        | 0     | 0      | 0      | 0       | 0      | 0      | 0         | 0       | 0        | 0        | 49      |
| TOTAL                    | 16860   | 1560     | 0     | 444    | 387    | 5579    | 0      | 8212   | 41862     | 206589  | 51322    | 12511    | 345326  |
| TOTAL                    | 153147  | 94768    | 84830 | 833819 | 632546 | 1279599 | 590438 | 675230 | 212863    | 229483  | 63802    | 257583   | 5108108 |

TABLE 29. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT NETARTS BAY, 1978.

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| <b>POTS OR MISC.</b>  |         |          |       |       |     |      |      |        |           |         |          |          |       |
| <b>CRUSTACEANS:</b>   |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 26  | 47   | 133  | 0      | 0         | 0       | 0        | 0        | 206   |
| TOTAL                 | 0       | 0        | 0     | 0     | 26  | 47   | 133  | 0      | 0         | 0       | 0        | 0        | 206   |
| TOTAL                 |         |          |       |       | 26  | 47   | 133  |        |           |         |          |          | 206   |

TABLE 30. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT PACIFIC CITY, 1978.

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE  | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|-----|-------|--------|--------|-----------|---------|----------|----------|--------|
| <b>POTS OR MISC.</b>  |         |          |       |       |     |       |        |        |           |         |          |          |        |
| <b>CRUSTACEANS:</b>   |         |          |       |       |     |       |        |        |           |         |          |          |        |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0   | 46    | 0      | 0      | 0         | 0       | 0        | 0        | 46     |
| Crab, Dungeness, Oc.. | 1838    | 2160     | 804   | 0     | 0   | 607   | 121    | 161    | 0         | 0       | 0        | 0        | 5691   |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 34    | 59     | 150    | 830       | 0       | 1130     | 0        | 2203   |
| TOTAL                 | 1838    | 2160     | 804   | 0     | 0   | 687   | 180    | 311    | 830       | 0       | 1130     | 0        | 7940   |
| <b>TROLL</b>          |         |          |       |       |     |       |        |        |           |         |          |          |        |
| <b>FISH:</b>          |         |          |       |       |     |       |        |        |           |         |          |          |        |
| Hake, Pac. (Whiting). | 0       | 0        | 0     | 0     | 0   | 0     | 11     | 0      | 0         | 0       | 0        | 0        | 11     |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0   | 29    | 0      | 84     | 11        | 0       | 0        | 0        | 124    |
| Lingcod.....          | 0       | 0        | 0     | 0     | 51  | 904   | 1409   | 1474   | 288       | 266     | 0        | 0        | 4392   |
| Mackerel.....         | 0       | 0        | 0     | 0     | 0   | 5     | 111    | 168    | 4         | 0       | 0        | 0        | 288    |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 145 | 3462  | 6720   | 10754  | 1429      | 99      | 0        | 0        | 22609  |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 21  | 6590  | 13443  | 12502  | 979       | 950     | 0        | 0        | 34485  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0   | 81779 | 118171 | 47311  | 3573      | 167     | 0        | 0        | 251001 |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0   | 0     | 0      | 76167  | 10396     | 7542    | 0        | 0        | 94105  |
| TOTAL                 | 0       | 0        | 0     | 0     | 217 | 92769 | 139865 | 148460 | 16680     | 9024    | 0        | 0        | 407015 |
| <b>DIP NET OR JIG</b> |         |          |       |       |     |       |        |        |           |         |          |          |        |
| <b>FISH:</b>          |         |          |       |       |     |       |        |        |           |         |          |          |        |
| Lingcod.....          | 0       | 0        | 0     | 0     | 0   | 100   | 0      | 0      | 0         | 0       | 0        | 0        | 100    |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 0   | 36    | 0      | 0      | 0         | 0       | 0        | 0        | 36     |
| TOTAL                 | 0       | 0        | 0     | 0     | 0   | 136   | 0      | 0      | 0         | 0       | 0        | 0        | 136    |
| TOTAL                 | 1838    | 2160     | 804   |       | 217 | 93592 | 140045 | 148771 | 17510     | 9024    | 1130     |          | 415091 |

TABLE 31. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT SILETZ BAY, 1978.

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| <b>POTS OR MISC.</b>  |         |          |       |       |     |      |      |        |           |         |          |          |       |
| <b>CRUSTACEANS:</b>   |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 428  | 152  | 541    | 1068      | 0       | 0        | 0        | 2189  |
| TOTAL                 | 0       | 0        | 0     | 0     | 0   | 428  | 152  | 541    | 1068      | 0       | 0        | 0        | 2189  |
| TOTAL                 |         |          |       |       |     | 428  | 152  | 541    | 1068      |         |          |          | 2189  |



TABLE 32. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT DEPOE BAY, 1978.

| GEAR/SPECIES          | JANUARY     | FEBRUARY    | MARCH       | APRIL       | MAY         | JUNE         | JULY         | AUGUST       | SEPTEMBER     | OCTOBER   | NOVEMBER | DECEMBER | TOTAL         |
|-----------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|---------------|-----------|----------|----------|---------------|
| <b>POTS OR MISC.</b>  |             |             |             |             |             |              |              |              |               |           |          |          |               |
| <b>CRUSTACEANS:</b>   |             |             |             |             |             |              |              |              |               |           |          |          |               |
| Crab, Dungeness, Oc.. | 1714        | 1997        | 1691        | 1399        | 1507        | 1770         | 123          | 0            | 0             | 0         | 0        | 0        | 10201         |
| Shrimp, ghost (sand). | 6           | 33          | 156         | 151         | 165         | 54           | 98           | 0            | 45            | 29        | 0        | 0        | 737           |
| TOTAL                 | 1720        | 2030        | 1847        | 1550        | 1672        | 1824         | 221          | 0            | 45            | 29        | 0        | 0        | 10938         |
| <b>TROLL</b>          |             |             |             |             |             |              |              |              |               |           |          |          |               |
| <b>FISH:</b>          |             |             |             |             |             |              |              |              |               |           |          |          |               |
| Halibut, Pacific..... | 0           | 0           | 0           | 0           | 0           | 0            | 46           | 0            | 0             | 0         | 0        | 0        | 46            |
| Lingcod.....          | 0           | 0           | 0           | 0           | 0           | 286          | 492          | 116          | 109           | 0         | 0        | 0        | 1003          |
| Rockfish (misc. spp.) | 0           | 0           | 0           | 0           | 0           | 2120         | 2722         | 3077         | 1511          | 0         | 0        | 0        | 9430          |
| Salmon, chinook.....  | 0           | 0           | 0           | 0           | 0           | 3977         | 14717        | 6203         | 660           | 18        | 0        | 0        | 25575         |
| Salmon, coho.....     | 0           | 0           | 0           | 0           | 0           | 67694        | 77816        | 27827        | 3777          | 0         | 0        | 0        | 177114        |
| Sole, petrale.....    | 0           | 0           | 0           | 0           | 0           | 7            | 0            | 0            | 0             | 0         | 0        | 0        | 7             |
| Tuna, albacore.....   | 0           | 0           | 0           | 0           | 0           | 0            | 3277         | 38440        | 119212        | 0         | 0        | 0        | 160929        |
| TOTAL                 | 0           | 0           | 0           | 0           | 0           | 74084        | 99070        | 75663        | 125269        | 18        | 0        | 0        | 374104        |
| <b>TOTAL</b>          | <b>1720</b> | <b>2030</b> | <b>1847</b> | <b>1550</b> | <b>1672</b> | <b>75908</b> | <b>99291</b> | <b>75663</b> | <b>125314</b> | <b>47</b> |          |          | <b>385042</b> |

TABLE 3 MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT NEW T, 1978.

| GEAR/SPECIES               | JANUARY | FEBRUARY | MARCH  | APRIL  | MAY   | JUNE   | JULY   | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|----------------------------|---------|----------|--------|--------|-------|--------|--------|---------|-----------|---------|----------|----------|---------|
| <b>POTS OR MISC.</b>       |         |          |        |        |       |        |        |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |        |        |       |        |        |         |           |         |          |          |         |
| Lingcod.....               | 0       | 0        | 0      | 140    | 10    | 0      | 0      | 0       | 0         | 0       | 0        | 252      | 402     |
| Rockfish (misc. spp.)      | 0       | 0        | 31     | 20     | 35    | 244    | 38     | 0       | 0         | 239     | 0        | 0        | 607     |
| Sablefish.....             | 0       | 0        | 0      | 0      | 1124  | 29312  | 43699  | 49939   | 48295     | 33032   | 0        | 0        | 205401  |
| Shark, spiny dogfish.      | 0       | 0        | 0      | 3      | 0     | 0      | 0      | 0       | 0         | 0       | 0        | 0        | 3       |
| Skates and Rays.....       | 0       | 0        | 0      | 11     | 0     | 0      | 0      | 0       | 0         | 0       | 0        | 0        | 11      |
| Sole, Dover.....           | 0       | 0        | 0      | 0      | 0     | 0      | 0      | 0       | 0         | 3       | 0        | 0        | 3       |
| Sole, petrale.....         | 0       | 0        | 0      | 0      | 0     | 2      | 0      | 0       | 0         | 0       | 0        | 0        | 2       |
| Wolf-eel.....              | 0       | 0        | 46     | 96     | 10    | 20     | 50     | 0       | 10        | 0       | 0        | 0        | 232     |
| <b>CRUSTACEANS:</b>        |         |          |        |        |       |        |        |         |           |         |          |          |         |
| Crab, Dungeness, Bay.      | 0       | 0        | 28     | 56     | 782   | 1070   | 39     | 0       | 2         | 172     | 113      | 10       | 2272    |
| Crab, Dungeness, Oc..      | 634573  | 362937   | 193592 | 174251 | 72314 | 65323  | 18284  | 26347   | 13093     | 2       | 0        | 1115678  | 2676394 |
| Crab, rock.....            | 0       | 0        | 0      | 0      | 0     | 238    | 0      | 281     | 160       | 90      | 0        | 94       | 863     |
| Shrimp, ghost (sand).      | 0       | 0        | 156    | 22     | 55    | 59     | 0      | 0       | 380       | 0       | 0        | 0        | 672     |
| <b>MOLLUSKS:</b>           |         |          |        |        |       |        |        |         |           |         |          |          |         |
| Clams, butter.....         | 0       | 0        | 0      | 0      | 0     | 0      | 149    | 0       | 0         | 0       | 0        | 0        | 149     |
| Clams, gaper.....          | 0       | 0        | 0      | 0      | 0     | 0      | 27962  | 50759   | 66844     | 26700   | 0        | 0        | 172265  |
| Octopus.....               | 10      | 40       | 180    | 105    | 35    | 85     | 40     | 0       | 200       | 0       | 0        | 35       | 730     |
| TOTAL                      | 634583  | 362977   | 194033 | 174704 | 74365 | 96353  | 90261  | 127326  | 128984    | 60238   | 113      | 1116069  | 3060006 |
| <b>TROLL</b>               |         |          |        |        |       |        |        |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |        |        |       |        |        |         |           |         |          |          |         |
| Flounder, starry.....      | 0       | 0        | 0      | 0      | 0     | 0      | 0      | 6       | 6         | 0       | 0        | 0        | 12      |
| Halibut, Pacific.....      | 0       | 0        | 0      | 0      | 67    | 390    | 1958   | 2152    | 255       | 0       | 0        | 0        | 4822    |
| Lingcod.....               | 0       | 0        | 0      | 322    | 548   | 3852   | 9839   | 8769    | 6398      | 1779    | 0        | 0        | 31507   |
| Mackerel.....              | 0       | 0        | 0      | 0      | 0     | 0      | 6      | 10      | 0         | 0       | 0        | 0        | 16      |
| Rockfish (misc. spp.)      | 0       | 0        | 0      | 450    | 1638  | 23176  | 51200  | 52832   | 32653     | 15361   | 0        | 0        | 177310  |
| Sablefish.....             | 0       | 0        | 0      | 0      | 0     | 2      | 312    | 62      | 121       | 0       | 0        | 0        | 497     |
| Salmon, chinook.....       | 0       | 0        | 0      | 0      | 3949  | 101557 | 205984 | 171259  | 120343    | 25006   | 1765     | 0        | 629863  |
| Salmon, coho.....          | 0       | 0        | 0      | 0      | 0     | 281353 | 299568 | 224796  | 11418     | 804     | 0        | 0        | 817939  |
| Salmon, pink.....          | 0       | 0        | 0      | 0      | 0     | 0      | 5      | 0       | 0         | 0       | 0        | 0        | 5       |
| Sole, Dover.....           | 0       | 0        | 0      | 0      | 0     | 0      | 0      | 0       | 13        | 0       | 0        | 0        | 13      |
| Sole, petrale.....         | 0       | 0        | 0      | 0      | 0     | 77     | 182    | 181     | 62        | 2       | 0        | 0        | 504     |
| Tuna, albacore.....        | 0       | 430      | 0      | 0      | 0     | 0      | 114820 | 1322229 | 1035195   | 44799   | 0        | 0        | 2517473 |
| Tuna, skipjack.....        | 0       | 1014     | 0      | 0      | 0     | 0      | 0      | 0       | 0         | 0       | 0        | 0        | 1014    |
| Tuna, yellowfin.....       | 0       | 6284     | 0      | 0      | 0     | 0      | 0      | 0       | 0         | 0       | 0        | 0        | 6284    |
| TOTAL                      | 0       | 7728     | 0      | 772    | 6202  | 410407 | 683874 | 1782296 | 1206464   | 87751   | 1765     | 0        | 4187259 |
| <b>DIP NET OR JIG</b>      |         |          |        |        |       |        |        |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |        |        |       |        |        |         |           |         |          |          |         |
| Flounder, starry.....      | 0       | 0        | 0      | 4      | 0     | 1      | 0      | 0       | 0         | 0       | 0        | 3        | 8       |
| Herring, Pacific.....      | 0       | 0        | 0      | 0      | 0     | 900    | 0      | 0       | 0         | 0       | 0        | 0        | 900     |
| Lingcod.....               | 2       | 69       | 524    | 0      | 44    | 0      | 0      | 0       | 0         | 0       | 469      | 78       | 1186    |
| Rockfish (misc. spp.)      | 4       | 0        | 13     | 0      | 4     | 321    | 0      | 0       | 0         | 0       | 1995     | 38       | 2375    |
| Sole, sand.....            | 0       | 0        | 0      | 0      | 0     | 1      | 0      | 0       | 0         | 3       | 0        | 0        | 4       |
| Surfperch.....             | 0       | 0        | 0      | 0      | 0     | 0      | 0      | 0       | 0         | 0       | 0        | 28       | 28      |
| TOTAL                      | 6       | 69       | 537    | 4      | 48    | 1223   | 0      | 0       | 0         | 3       | 2464     | 147      | 4501    |
| <b>LONGLINE OR SETLINE</b> |         |          |        |        |       |        |        |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |        |        |       |        |        |         |           |         |          |          |         |
| Halibut, Pacific.....      | 0       | 0        | 0      | 0      | 195   | 4847   | 14937  | 2924    | 762       | 0       | 0        | 0        | 23665   |
| Lingcod.....               | 0       | 0        | 90     | 0      | 25    | 295    | 116    | 39      | 0         | 0       | 0        | 0        | 565     |
| Rockfish (misc. spp.)      | 0       | 0        | 0      | 0      | 203   | 2233   | 2194   | 766     | 682       | 40      | 0        | 20       | 6138    |
| Sablefish.....             | 0       | 0        | 0      | 0      | 0     | 730    | 1122   | 157     | 485       | 1237    | 0        | 2195     | 5926    |
| Skates and Rays.....       | 0       | 0        | 0      | 0      | 0     | 0      | 122    | 0       | 0         | 0       | 0        | 0        | 122     |
| Sole, petrale.....         | 0       | 0        | 0      | 0      | 0     | 8      | 0      | 0       | 29        | 0       | 0        | 0        | 37      |
| TOTAL                      | 0       | 0        | 90     | 0      | 423   | 8113   | 18491  | 3886    | 1958      | 1277    | 0        | 2215     | 36453   |
| <b>BAIT NET OR SEINE</b>   |         |          |        |        |       |        |        |         |           |         |          |          |         |
| <b>FISH:</b>               |         |          |        |        |       |        |        |         |           |         |          |          |         |
| Anchovy, northern....      | 0       | 0        | 0      | 0      | 0     | 0      | 0      | 0       | 300       | 0       | 0        | 0        | 300     |
| Herring, Pacific.....      | 469     | 42083    | 14378  | 30852  | 0     | 641    | 160    | 9668    | 1700      | 0       | 0        | 0        | 99951   |
| Skates and Rays.....       | 0       | 40       | 0      | 0      | 0     | 0      | 0      | 0       | 0         | 0       | 0        | 0        | 40      |

TABLE MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT NEPT, 1978. (CONTINUED)

| GEAR/SPECIES             | JANUARY | FEBRUARY | MARCH  | APRIL   | MAY     | JUNE    | JULY    | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL    |
|--------------------------|---------|----------|--------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|----------|
| Smelt.....               | 0       | 0        | 0      | 0       | 0       | 0       | 0       | 200     | 480       | 0       | 0        | 0        | 680      |
| TOTAL                    | 469     | 42123    | 14378  | 30852   | 0       | 641     | 160     | 9868    | 2480      | 0       | 0        | 0        | 100971   |
| <b>SHRIMP TRAWL</b>      |         |          |        |         |         |         |         |         |           |         |          |          |          |
| <b>FISH:</b>             |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Cod, Pacific.....        | 0       | 0        | 0      | 0       | 92      | 56      | 47      | 13      | 25        | 0       | 0        | 0        | 233      |
| Flounder, arrowtooth.    | 0       | 0        | 0      | 0       | 0       | 0       | 0       | 0       | 136       | 151     | 0        | 0        | 287      |
| Lingcod.....             | 0       | 0        | 0      | 572     | 2267    | 3143    | 6524    | 2264    | 2294      | 371     | 0        | 0        | 17435    |
| Rockfish (misc. spp.)    | 0       | 0        | 0      | 11385   | 41671   | 112958  | 84945   | 57240   | 55181     | 9351    | 0        | 0        | 372731   |
| Pac. Oc. perch.....      | 0       | 0        | 0      | 46      | 3038    | 9542    | 783     | 2507    | 2474      | 815     | 0        | 0        | 19205    |
| Sablefish.....           | 0       | 0        | 0      | 12      | 882     | 5537    | 5995    | 31926   | 68892     | 5354    | 0        | 0        | 118598   |
| Sanddab, Pacific.....    | 0       | 0        | 0      | 1       | 28      | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 29       |
| Sole, Dover.....         | 0       | 0        | 0      | 228     | 2971    | 9266    | 10729   | 7156    | 13740     | 1166    | 0        | 0        | 45256    |
| Sole, English.....       | 0       | 0        | 0      | 28      | 4       | 14      | 4       | 23      | 181       | 0       | 0        | 0        | 254      |
| Sole, petrale.....       | 0       | 0        | 0      | 1386    | 1103    | 1078    | 206     | 554     | 1260      | 149     | 0        | 0        | 5736     |
| Sole, rex.....           | 0       | 0        | 0      | 2       | 268     | 132     | 88      | 234     | 146       | 5       | 0        | 0        | 875      |
| Sole, rock.....          | 0       | 0        | 0      | 0       | 0       | 0       | 0       | 0       | 81        | 0       | 0        | 0        | 81       |
| <b>CRUSTACEANS:</b>      |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Shrimp, pink.....        | 0       | 0        | 0      | 3897939 | 4097690 | 4371247 | 3941107 | 2134086 | 1972990   | 315128  | 0        | 0        | 20730187 |
| TOTAL                    | 0       | 0        | 0      | 3911599 | 4150014 | 4512973 | 4050428 | 2236003 | 2117400   | 332490  | 0        | 0        | 21310907 |
| <b>GROUND FISH TRAWL</b> |         |          |        |         |         |         |         |         |           |         |          |          |          |
| <b>FISH:</b>             |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Cod, Pacific.....        | 71      | 0        | 0      | 1238    | 8230    | 19623   | 18907   | 2539    | 351       | 60      | 1008     | 945      | 52972    |
| Flounder, arrowtooth.    | 0       | 0        | 2164   | 0       | 0       | 0       | 6511    | 110     | 700       | 460     | 0        | 0        | 9945     |
| Flounder, starry.....    | 6951    | 3940     | 9520   | 22379   | 12115   | 918     | 26023   | 16103   | 26202     | 26406   | 5697     | 2446     | 158700   |
| Lingcod.....             | 7424    | 4357     | 12408  | 13104   | 23671   | 96716   | 111890  | 68196   | 24058     | 52959   | 17506    | 17067    | 149356   |
| Rockfish (misc. spp.)    | 73421   | 123153   | 229650 | 95692   | 161801  | 307038  | 345379  | 425643  | 407018    | 629470  | 176910   | 122353   | 3097528  |
| Pac. Oc. perch.....      | 75295   | 35298    | 47561  | 82991   | 72006   | 101414  | 78376   | 139234  | 19141     | 120458  | 14072    | 7580     | 793426   |
| Sablefish.....           | 74213   | 16504    | 53074  | 67835   | 71447   | 131797  | 171713  | 142262  | 125842    | 86314   | 41111    | 22352    | 1004464  |
| Sanddab, Pacific.....    | 9149    | 2047     | 9653   | 3204    | 426     | 2148    | 564     | 603     | 420       | 16008   | 9772     | 17653    | 71647    |
| Shark, soupfin.....      | 0       | 0        | 0      | 0       | 0       | 0       | 0       | 0       | 0         | 35      | 0        | 0        | 35       |
| Shark, spiny dogfish.    | 30      | 30       | 10     | 0       | 0       | 0       | 0       | 0       | 28        | 0       | 80       | 0        | 178      |
| Skates and Rays.....     | 100     | 35       | 145    | 0       | 0       | 0       | 0       | 0       | 173       | 25      | 1902     | 992      | 3372     |
| Sole, butter.....        | 12921   | 2881     | 1828   | 694     | 4318    | 85      | 450     | 476     | 0         | 1975    | 300      | 0        | 25928    |
| Sole, Dover.....         | 11084   | 27636    | 119988 | 178625  | 111105  | 283493  | 129370  | 240478  | 179852    | 252406  | 89012    | 199315   | 1822364  |
| Sole, English.....       | 118779  | 41307    | 61948  | 27673   | 23619   | 38778   | 103289  | 98946   | 45118     | 185609  | 129480   | 173183   | 1047729  |
| Sole, petrale.....       | 16820   | 23161    | 87530  | 61795   | 58249   | 167924  | 232880  | 68338   | 23059     | 63133   | 23407    | 50798    | 877094   |
| Sole, rex.....           | 6572    | 16194    | 25328  | 12604   | 4643    | 12101   | 18701   | 12024   | 2309      | 8619    | 8168     | 11930    | 139193   |
| Sole, rock.....          | 0       | 70       | 6471   | 40      | 615     | 4095    | 4080    | 1933    | 2099      | 484     | 51       | 0        | 19938    |
| Sole, sand.....          | 8195    | 3029     | 2845   | 12032   | 28767   | 6548    | 14775   | 13108   | 15032     | 29209   | 5627     | 8891     | 148058   |
| Sturgeon, green.....     | 75      | 0        | 94     | 0       | 478     | 142     | 15      | 32      | 126       | 43      | 19       | 0        | 1024     |
| Sturgeon, white.....     | 0       | 0        | 0      | 0       | 0       | 0       | 0       | 0       | 0         | 0       | 0        | 70       | 70       |
| Wolf-eel.....            | 20      | 23       | 44     | 0       | 0       | 0       | 0       | 0       | 10        | 10      | 0        | 0        | 107      |
| <b>CRUSTACEANS:</b>      |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Crab, Dungeness, Bay.    | 0       | 0        | 0      | 0       | 0       | 0       | 0       | 0       | 0         | 48      | 0        | 0        | 48       |
| <b>MOLLUSKS:</b>         |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Octopus.....             | 0       | 60       | 0      | 0       | 0       | 60      | 0       | 25      | 25        | 60      | 0        | 0        | 230      |
| TOTAL                    | 421120  | 299725   | 670261 | 579906  | 581490  | 1172880 | 1262923 | 1230050 | 871563    | 1473791 | 524122   | 635575   | 9723406  |
| TOTAL                    | 1056178 | 712622   | 879299 | 4697837 | 4812542 | 6202590 | 6106137 | 5389429 | 4328849   | 1955550 | 528464   | 1754006  | 38423503 |

30

TABLE 34. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT WALDPORT, 1978.

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|-------|
| POTS OR MISC.         |         |          |       |       |      |      |      |        |           |         |          |          |       |
| CRUSTACEANS:          |         |          |       |       |      |      |      |        |           |         |          |          |       |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0    | 0    | 0    | 0      | 0         | 174     | 432      | 0        | 606   |
| Crab, Dungeness, Oc.. | 0       | 0        | 115   | 0     | 0    | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 115   |
| Shrimp, ghost (sand). | 0       | 306      | 1546  | 1378  | 1315 | 1181 | 2000 | 1305   | 0         | 490     | 0        | 0        | 9521  |
| TOTAL                 | 0       | 306      | 1661  | 1378  | 1315 | 1181 | 2000 | 1305   | 0         | 664     | 432      | 0        | 10242 |
| TOTAL                 |         | 306      | 1661  | 1378  | 1315 | 1181 | 2000 | 1305   |           | 664     | 432      |          | 10242 |

31

TABLE 35. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT FLORENCE, 1978.

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE  | JULY  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|------|-------|-------|--------|-----------|---------|----------|----------|--------|
| POTS OR MISC.         |         |          |       |       |      |       |       |        |           |         |          |          |        |
| CRUSTACEANS:          |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0    | 0     | 0     | 0      | 0         | 295     | 0        | 554      | 849    |
| Crab, Dungeness, Oc.. | 1119    | 70       | 1658  | 718   | 1806 | 4677  | 4326  | 2378   | 1120      | 0       | 0        | 802      | 18674  |
| MOLLUSKS:             |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Clams, razor.....     | 0       | 0        | 0     | 0     | 0    | 0     | 25    | 0      | 0         | 0       | 0        | 0        | 25     |
| TOTAL                 | 1119    | 70       | 1658  | 718   | 1806 | 4677  | 4351  | 2378   | 1120      | 295     | 0        | 1356     | 19548  |
| TROLL                 |         |          |       |       |      |       |       |        |           |         |          |          |        |
| FISH:                 |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0    | 0     | 289   | 0      | 27        | 0       | 0        | 0        | 316    |
| Lingcod.....          | 0       | 0        | 0     | 0     | 0    | 0     | 117   | 0      | 51        | 0       | 0        | 0        | 168    |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 0    | 561   | 2973  | 754    | 1357      | 0       | 0        | 0        | 5645   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 6    | 7564  | 12927 | 2897   | 4457      | 0       | 0        | 0        | 27851  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0    | 10423 | 18397 | 5067   | 801       | 0       | 0        | 0        | 34688  |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0    | 0     | 0     | 69964  | 18702     | 0       | 0        | 0        | 88666  |
| TOTAL                 | 0       | 0        | 0     | 0     | 6    | 18548 | 34703 | 78682  | 25395     | 0       | 0        | 0        | 157334 |
| DIP NET OR JIG        |         |          |       |       |      |       |       |        |           |         |          |          |        |
| FISH:                 |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Smelt.....            | 0       | 0        | 0     | 0     | 0    | 80    | 40    | 0      | 0         | 0       | 0        | 0        | 120    |
| TOTAL                 | 0       | 0        | 0     | 0     | 0    | 80    | 40    | 0      | 0         | 0       | 0        | 0        | 120    |
| TOTAL                 | 1119    | 70       | 1658  | 718   | 1812 | 23305 | 39094 | 81060  | 26515     | 295     |          | 1356     | 177002 |

TABLE 36. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT WINCHESTER BAY, 1978.

| GEAR SPECIES             | JANUARY | FEBRUARY | MARCH  | APRIL  | MAY    | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|--------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|---------|
| <b>POTS OR MISC.</b>     |         |          |        |        |        |        |        |        |           |         |          |          |         |
| <b>CRUSTACEANS:</b>      |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Crab, Dungeness, Bay.    | 0       | 325      | 0      | 100    | 0      | 0      | 0      | 0      | 0         | 409     | 1116     | 0        | 1950    |
| Crab, Dungeness, Oc..    | 127545  | 53798    | 41271  | 36845  | 4239   | 2136   | 1158   | 3020   | 1417      | 0       | 198      | 479723   | 751350  |
| Shrimp, ghost (sand).    | 7       | 16       | 39     | 14     | 24     | 56     | 58     | 5      | 0         | 0       | 0        | 0        | 219     |
| <b>MOLLUSKS:</b>         |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Mussels.....             | 0       | 0        | 0      | 71     | 170    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 241     |
| TOTAL                    | 127552  | 54139    | 41310  | 37030  | 4433   | 2192   | 1216   | 3025   | 1417      | 409     | 1314     | 479723   | 753760  |
| <b>GILL NET</b>          |         |          |        |        |        |        |        |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Shad, American.....      | 0       | 0        | 0      | 1172   | 108185 | 103692 | 0      | 0      | 0         | 0       | 0        | 0        | 213049  |
| TOTAL                    | 0       | 0        | 0      | 1172   | 108185 | 103692 | 0      | 0      | 0         | 0       | 0        | 0        | 213049  |
| <b>TROLL</b>             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Halibut, Pacific.....    | 0       | 0        | 0      | 0      | 0      | 0      | 252    | 75     | 0         | 0       | 0        | 0        | 327     |
| Lingcod.....             | 0       | 0        | 0      | 0      | 0      | 0      | 239    | 125    | 0         | 0       | 0        | 0        | 365     |
| Rockfish (misc. spp.)    | 0       | 0        | 0      | 0      | 30     | 6627   | 7208   | 4695   | 1061      | 20      | 0        | 0        | 19641   |
| Salmon, chinook.....     | 0       | 0        | 0      | 171    | 1139   | 13720  | 40281  | 28795  | 1957      | 96      | 0        | 0        | 86159   |
| Salmon, coho.....        | 0       | 0        | 0      | 0      | 0      | 172060 | 116141 | 40001  | 6348      | 221     | 0        | 0        | 334771  |
| Tuna, albacore.....      | 0       | 0        | 0      | 0      | 0      | 0      | 28958  | 159022 | 42568     | 0       | 0        | 0        | 230548  |
| TOTAL                    | 0       | 0        | 0      | 171    | 1169   | 192407 | 193079 | 232714 | 51934     | 337     | 0        | 0        | 671811  |
| <b>DIP NET OR JIG</b>    |         |          |        |        |        |        |        |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Smelt.....               | 0       | 0        | 0      | 0      | 0      | 0      | 0      | 19     | 0         | 0       | 0        | 0        | 19      |
| TOTAL                    | 0       | 0        | 0      | 0      | 0      | 0      | 0      | 19     | 0         | 0       | 0        | 0        | 19      |
| <b>BAIT NET OR SEINE</b> |         |          |        |        |        |        |        |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Herring, Pacific.....    | 0       | 0        | 0      | 0      | 729    | 6284   | 12443  | 15360  | 1144      | 0       | 0        | 0        | 35960   |
| Shad, American.....      | 0       | 0        | 0      | 0      | 0      | 5104   | 0      | 0      | 0         | 0       | 0        | 0        | 5104    |
| Smelt.....               | 0       | 0        | 0      | 0      | 30     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 30      |
| TOTAL                    | 0       | 0        | 0      | 0      | 759    | 11388  | 12443  | 15360  | 1144      | 0       | 0        | 0        | 41094   |
| <b>SHRIMP TRAWL</b>      |         |          |        |        |        |        |        |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Flounder, arrowtooth.    | 0       | 0        | 0      | 300    | 0      | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 300     |
| Lingcod.....             | 0       | 0        | 0      | 0      | 221    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 221     |
| Rockfish (misc. spp.)    | 0       | 0        | 0      | 800    | 4263   | 5111   | 0      | 5567   | 1486      | 0       | 0        | 0        | 17227   |
| Pac. Oc. perch.....      | 0       | 0        | 0      | 0      | 576    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 576     |
| Sablefish.....           | 0       | 0        | 0      | 0      | 123    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 123     |
| Sanddab, Pacific.....    | 0       | 0        | 0      | 0      | 22     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 22      |
| Sole, Dover.....         | 0       | 0        | 0      | 0      | 539    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 539     |
| Sole, English.....       | 0       | 0        | 0      | 0      | 19     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 19      |
| Sole, petrale.....       | 0       | 0        | 0      | 0      | 53     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 53      |
| Sole, rex.....           | 0       | 0        | 0      | 0      | 69     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 69      |
| <b>CRUSTACEANS:</b>      |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Shrimp, pink.....        | 0       | 0        | 0      | 121586 | 181997 | 87451  | 0      | 266349 | 166693    | 26788   | 0        | 0        | 850864  |
| TOTAL                    | 0       | 0        | 0      | 122686 | 187882 | 92562  | 0      | 271916 | 163179    | 26788   | 0        | 0        | 870013  |
| <b>GROUND FISH TRAWL</b> |         |          |        |        |        |        |        |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |        |        |        |        |        |        |           |         |          |          |         |
| Flounder, starry.....    | 13      | 125      | 0      | 0      | 0      | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 138     |
| Lingcod.....             | 433     | 0        | 2335   | 365    | 0      | 0      | 0      | 240    | 0         | 1349    | 1944     | 2290     | 14956   |
| Rockfish (misc. spp.)    | 0       | 4102     | 1630   | 0      | 0      | 0      | 0      | 7111   | 7900      | 8743    | 6190     | 2290     | 37966   |
| Pac. Oc. perch.....      | 0       | 3475     | 1094   | 450    | 0      | 0      | 0      | 0      | 0         | 6805    | 7445     | 880      | 20149   |
| Sablefish.....           | 0       | 497      | 1549   | 120    | 0      | 0      | 0      | 14143  | 46630     | 13423   | 12655    | 310      | 89327   |
| Sanddab, Pacific.....    | 112     | 128      | 1638   | 0      | 0      | 0      | 0      | 0      | 0         | 455     | 0        | 0        | 2333    |
| Sole, Dover.....         | 0       | 5760     | 35806  | 7427   | 0      | 0      | 0      | 30412  | 57012     | 141785  | 74720    | 45323    | 398245  |
| Sole, English.....       | 459     | 3654     | 5320   | 100    | 0      | 0      | 0      | 350    | 0         | 2135    | 0        | 1570     | 13588   |
| Sole, petrale.....       | 0       | 12717    | 14471  | 1955   | 0      | 0      | 0      | 911    | 350       | 16292   | 13980    | 4343     | 65019   |
| Sole, rex.....           | 0       | 0        | 2261   | 198    | 0      | 0      | 0      | 0      | 0         | 1380    | 380      | 0        | 4219    |
| Sole, sand.....          | 287     | 206      | 0      | 0      | 0      | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 493     |
| Miscellaneous.....       | 0       | 0        | 0      | 0      | 0      | 0      | 174    | 0      | 0         | 0       | 0        | 0        | 174     |
| TOTAL                    | 1304    | 30664    | 66104  | 10615  | 0      | 0      | 174    | 53167  | 111892    | 192367  | 117314   | 63000    | 646607  |
| TOTAL                    | 128856  | 84803    | 107414 | 171674 | 302428 | 402241 | 206912 | 576201 | 334566    | 219901  | 118628   | 542729   | 3196353 |

TABLE MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT C BAY, 1978.

| GEAR/SPECIES               | JANUARY       | FEBRUARY      | MARCH         | APRIL        | MAY          | JUNE          | JULY          | AUGUST         | SEPTEMBER     | OCTOBER       | NOVEMBER     | DECEMBER       | TOTAL          |
|----------------------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|----------------|---------------|---------------|--------------|----------------|----------------|
| <b>POTS OR MISC.</b>       |               |               |               |              |              |               |               |                |               |               |              |                |                |
| <b>FISH:</b>               |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Lingcod.....               | 0             | 0             | 8             | 8            | 0            | 0             | 0             | 0              | 0             | 0             | 0            | 0              | 16             |
| Rockfish (misc. spp.)      | 0             | 0             | 0             | 7            | 0            | 0             | 0             | 0              | 0             | 0             | 0            | 0              | 7              |
| Sablefish.....             | 0             | 0             | 0             | 0            | 0            | 0             | 0             | 0              | 0             | 0             | 10781        | 16680          | 27461          |
| <b>CRUSTACEANS:</b>        |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Crab, Dungeness, Bay.      | 247           | 645           | 2314          | 521          | 0            | 62            | 668           | 0              | 53            | 2753          | 14796        | 5404           | 27463          |
| Crab, Dungeness, Oc..      | 498297        | 175511        | 131576        | 80459        | 22238        | 11577         | 5101          | 6684           | 23526         | 0             | 1650         | 1572844        | 2529463        |
| Shrimp, ghost (sand).      | 0             | 0             | 0             | 0            | 0            | 250           | 0             | 0              | 0             | 0             | 0            | 0              | 250            |
| <b>MOLLUSKS:</b>           |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Clams, cockle.....         | 0             | 0             | 0             | 630          | 1050         | 771           | 282           | 0              | 0             | 0             | 0            | 0              | 2733           |
| Clams, gaper.....          | 0             | 0             | 0             | 0            | 0            | 0             | 35            | 0              | 0             | 27505         | 9439         | 0              | 36979          |
| Octopus.....               | 0             | 102           | 195           | 49           | 0            | 11            | 0             | 0              | 0             | 0             | 0            | 180            | 537            |
| <b>TOTAL</b>               | <b>498544</b> | <b>176258</b> | <b>134093</b> | <b>81674</b> | <b>23288</b> | <b>12671</b>  | <b>6086</b>   | <b>6684</b>    | <b>23579</b>  | <b>30258</b>  | <b>36666</b> | <b>1595108</b> | <b>2624909</b> |
| <b>GILL NET</b>            |               |               |               |              |              |               |               |                |               |               |              |                |                |
| <b>FISH:</b>               |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Shad, American.....        | 0             | 0             | 0             | 22           | 10279        | 5521          | 0             | 0              | 0             | 0             | 0            | 0              | 15822          |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>22</b>    | <b>10279</b> | <b>5521</b>   | <b>0</b>      | <b>0</b>       | <b>0</b>      | <b>0</b>      | <b>0</b>     | <b>0</b>       | <b>15822</b>   |
| <b>TROLL</b>               |               |               |               |              |              |               |               |                |               |               |              |                |                |
| <b>FISH:</b>               |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Hake, Pac. (Whiting).      | 0             | 0             | 0             | 0            | 0            | 0             | 926           | 1078           | 0             | 0             | 0            | 0              | 2004           |
| Halibut, Pacific....       | 0             | 0             | 0             | 0            | 0            | 0             | 331           | 54             | 142           | 0             | 0            | 0              | 527            |
| Lingcod.....               | 0             | 0             | 94            | 0            | 90           | 865           | 1860          | 1145           | 575           | 484           | 14           | 0              | 5127           |
| Mackerel.....              | 0             | 0             | 0             | 0            | 0            | 0             | 0             | 27             | 107           | 299           | 0            | 0              | 433            |
| Rockfish (misc. spp.)      | 0             | 0             | 20            | 23           | 786          | 28985         | 35282         | 10419          | 12372         | 1578          | 2347         | 0              | 91812          |
| Sablefish.....             | 0             | 0             | 0             | 0            | 0            | 60            | 583           | 16             | 191           | 18            | 0            | 0              | 868            |
| Salmon, chinook.....       | 0             | 0             | 0             | 0            | 10060        | 110401        | 193209        | 105168         | 29432         | 3254          | 2382         | 0              | 453906         |
| Salmon, coho.....          | 0             | 0             | 0             | 0            | 0            | 424321        | 223803        | 65536          | 4216          | 416           | 0            | 0              | 718292         |
| Sole, petrale.....         | 0             | 0             | 0             | 0            | 5            | 21            | 0             | 0              | 0             | 0             | 0            | 0              | 26             |
| Tuna, albacore.....        | 0             | 0             | 0             | 0            | 0            | 0             | 460241        | 1638797        | 179929        | 5115          | 0            | 0              | 2284082        |
| <b>MOLLUSKS:</b>           |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Octopus.....               | 0             | 0             | 0             | 0            | 0            | 0             | 0             | 3              | 0             | 0             | 0            | 0              | 3              |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>      | <b>114</b>    | <b>23</b>    | <b>10941</b> | <b>564653</b> | <b>916235</b> | <b>1822243</b> | <b>226964</b> | <b>11164</b>  | <b>4743</b>  | <b>0</b>       | <b>3557080</b> |
| <b>DIP NET OR JIG</b>      |               |               |               |              |              |               |               |                |               |               |              |                |                |
| <b>FISH:</b>               |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Rockfish (misc. spp.)      | 0             | 0             | 0             | 0            | 0            | 0             | 0             | 0              | 0             | 0             | 0            | 970            | 970            |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>     | <b>0</b>     | <b>0</b>      | <b>0</b>      | <b>0</b>       | <b>0</b>      | <b>0</b>      | <b>0</b>     | <b>970</b>     | <b>970</b>     |
| <b>LONGLINE OR SETLINE</b> |               |               |               |              |              |               |               |                |               |               |              |                |                |
| <b>FISH:</b>               |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Halibut, Pacific.....      | 0             | 0             | 0             | 0            | 0            | 0             | 0             | 342            | 346           | 0             | 0            | 0              | 688            |
| Lingcod.....               | 0             | 0             | 0             | 0            | 0            | 0             | 0             | 174            | 1241          | 246           | 0            | 0              | 1661           |
| Rockfish (misc. spp.)      | 0             | 0             | 0             | 0            | 0            | 3625          | 2601          | 13078          | 34829         | 4230          | 103          | 0              | 58466          |
| Sablefish.....             | 0             | 0             | 0             | 10186        | 27802        | 29519         | 56015         | 81252          | 272187        | 101787        | 24217        | 12807          | 615802         |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>10186</b> | <b>27802</b> | <b>33144</b>  | <b>58616</b>  | <b>94876</b>   | <b>308603</b> | <b>106263</b> | <b>24320</b> | <b>12807</b>   | <b>676617</b>  |
| <b>SHRIMP TRAWL</b>        |               |               |               |              |              |               |               |                |               |               |              |                |                |
| <b>FISH:</b>               |               |               |               |              |              |               |               |                |               |               |              |                |                |
| Flounder, arrowtooth.      | 0             | 0             | 0             | 0            | 0            | 0             | 73            | 42             | 159           | 0             | 0            | 0              | 274            |
| Lingcod.....               | 0             | 0             | 0             | 879          | 436          | 1167          | 711           | 127            | 38            | 38            | 0            | 0              | 3396           |
| Rockfish (misc. spp.)      | 0             | 0             | 0             | 63547        | 49877        | 123681        | 95682         | 117657         | 60350         | 7760          | 0            | 0              | 518554         |
| Pac. Oc. perch.....        | 0             | 0             | 0             | 618          | 234          | 0             | 0             | 0              | 0             | 0             | 0            | 0              | 852            |
| Sablefish.....             | 0             | 0             | 0             | 0            | 79           | 253           | 358           | 1618           | 1998          | 640           | 0            | 0              | 4946           |
| Sanddab, Pacific.....      | 0             | 0             | 0             | 0            | 229          | 868           | 100           | 0              | 0             | 0             | 0            | 0              | 1197           |
| Sole, curlfin(turbot)      | 0             | 0             | 0             | 0            | 0            | 577           | 0             | 10             | 0             | 0             | 0            | 0              | 587            |
| Sole, Dover.....           | 0             | 0             | 0             | 1814         | 991          | 3806          | 1414          | 1501           | 616           | 690           | 0            | 0              | 10832          |
| Sole, English.....         | 0             | 0             | 0             | 12           | 0            | 0             | 0             | 0              | 18            | 0             | 0            | 0              | 30             |
| Sole, petrale.....         | 0             | 0             | 0             | 8            | 33           | 548           | 0             | 0              | 0             | 34            | 0            | 0              | 623            |
| Sole, rex.....             | 0             | 0             | 0             | 0            | 104          | 0             | 0             | 0              | 0             | 0             | 0            | 0              | 104            |
| Sole, sand.....            | 0             | 0             | 0             | 0            | 0            | 304           | 0             | 0              | 0             | 0             | 0            | 0              | 304            |

TABLE MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT COCONA BAY, 1978. (CONTINUED)

| GEAR/SPECIES             | JANUARY | FEBRUARY | MARCH  | APRIL   | MAY     | JUNE    | JULY    | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL    |
|--------------------------|---------|----------|--------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|----------|
| <b>CRUSTACEANS:</b>      |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Shrimp, pink.....        | 0       | 0        | 0      | 2846638 | 3475898 | 4162901 | 3253105 | 2106333 | 1227617   | 207512  | 0        | 0        | 17280004 |
| TOTAL                    | 0       | 0        | 0      | 2913516 | 3527881 | 4294105 | 3351443 | 2227288 | 1290796   | 216674  | 0        | 0        | 17821703 |
| <b>GROUND FISH TRAWL</b> |         |          |        |         |         |         |         |         |           |         |          |          |          |
| <b>FISH:</b>             |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Cod, Pacific.....        | 895     | 0        | 0      | 584     | 4252    | 0       | 1729    | 440     | 0         | 0       | 579      | 0        | 8479     |
| Flounder, arrowtooth.    | 0       | 2240     | 751    | 910     | 0       | 914     | 2123    | 4167    | 3352      | 4607    | 132      | 535      | 19731    |
| Flounder, starry.....    | 33643   | 54303    | 16554  | 259     | 0       | 444     | 4172    | 70      | 64        | 631     | 94       | 26896    | 137130   |
| Hake, Pac. (Whiting).    | 0       | 0        | 0      | 0       | 0       | 0       | 9544    | 0       | 0         | 0       | 0        | 0        | 9544     |
| Lingcod.....             | 4983    | 3642     | 13243  | 17008   | 11021   | 9728    | 9873    | 6944    | 11434     | 8858    | 5003     | 8485     | 110222   |
| Rockfish (misc. spp.)    | 87389   | 53524    | 313855 | 28992   | 45292   | 37141   | 64565   | 42846   | 93380     | 183058  | 268484   | 41974    | 1260500  |
| Pac. Oc. perch.....      | 48141   | 30264    | 31383  | 9492    | 14345   | 39534   | 14349   | 11505   | 704       | 5616    | 6594     | 29683    | 241610   |
| Sablefish.....           | 63841   | 10175    | 17568  | 7459    | 36174   | 63115   | 56004   | 59544   | 82780     | 94513   | 110507   | 38498    | 640178   |
| Sanddab, Pacific.....    | 6117    | 326      | 5339   | 890     | 828     | 1435    | 3219    | 7096    | 1077      | 1306    | 3673     | 640      | 31946    |
| Shark, soupfin.....      | 217     | 26       | 54     | 0       | 0       | 0       | 38      | 0       | 0         | 0       | 27       | 50       | 412      |
| Skates and Rays.....     | 0       | 0        | 848    | 0       | 0       | 0       | 0       | 0       | 270       | 2928    | 1297     | 0        | 5333     |
| Sole, butter.....        | 134     | 436      | 216    | 0       | 0       | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 786      |
| Sole, curlfin(turbot)    | 0       | 0        | 1874   | 586     | 300     | 2390    | 1996    | 745     | 37        | 0       | 0        | 0        | 7928     |
| Sole, Dover.....         | 55040   | 27248    | 114949 | 180951  | 95350   | 400912  | 211357  | 257461  | 271034    | 354159  | 298699   | 154544   | 2421704  |
| Sole, English.....       | 18466   | 7795     | 15058  | 6866    | 4231    | 7912    | 23641   | 7380    | 9835      | 23661   | 21738    | 6383     | 152966   |
| Sole, flathead.....      | 3758    | 2980     | 4186   | 452     | 79      | 791     | 1368    | 977     | 1106      | 140     | 0        | 1520     | 17357    |
| Sole, petrale.....       | 92990   | 46805    | 75714  | 28772   | 11994   | 19245   | 28280   | 37011   | 31781     | 48609   | 87000    | 56071    | 564272   |
| Sole, rex.....           | 21149   | 15158    | 30857  | 6750    | 1810    | 10837   | 10574   | 5069    | 7014      | 22446   | 32166    | 9935     | 173765   |
| Sole, rock.....          | 0       | 0        | 0      | 34      | 0       | 0       | 0       | 0       | 0         | 11      | 0        | 0        | 45       |
| Sole, sand.....          | 5186    | 5258     | 6071   | 1600    | 79      | 2748    | 15625   | 40      | 1045      | 1747    | 802      | 2959     | 43160    |
| Sole, miscellaneous..    | 0       | 9436     | 1166   | 0       | 0       | 0       | 0       | 0       | 5034      | 0       | 0        | 2373     | 18009    |
| Sturgeon, green.....     | 0       | 260      | 198    | 0       | 0       | 0       | 12      | 0       | 0         | 0       | 0        | 0        | 470      |
| Wolf-eel.....            | 0       | 0        | 0      | 0       | 0       | 0       | 300     | 0       | 45        | 4       | 0        | 0        | 349      |
| <b>MOLLUSKS:</b>         |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Octopus.....             | 0       | 0        | 8      | 0       | 0       | 75      | 0       | 70      | 27        | 44      | 40       | 28       | 292      |
| TOTAL                    | 441949  | 269876   | 649892 | 291605  | 225755  | 597221  | 458769  | 441365  | 520019    | 752338  | 836825   | 380574   | 5866188  |
| TOTAL                    | 940493  | 446134   | 784099 | 3297026 | 3825946 | 5507315 | 4791149 | 4592456 | 2369961   | 1116697 | 902554   | 1989459  | 30563289 |

TABLE 38. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT BANDON, 1978.

| GEAR/SPECIES          | JANUARY    | FEBRUARY | MARCH | APRIL | MAY         | JUNE         | JULY         | AUGUST       | SEPTEMBER    | OCTOBER     | NOVEMBER | DECEMBER     | TOTAL         |
|-----------------------|------------|----------|-------|-------|-------------|--------------|--------------|--------------|--------------|-------------|----------|--------------|---------------|
| <b>POTS OR MISC.</b>  |            |          |       |       |             |              |              |              |              |             |          |              |               |
| <b>CRUSTACEANS:</b>   |            |          |       |       |             |              |              |              |              |             |          |              |               |
| Crab, Dungeness, Bay. | 0          | 0        | 0     | 0     | 0           | 0            | 67           | 0            | 681          | 0           | 0        | 0            | 748           |
| Crab, Dungeness, Oc.. | 855        | 0        | 0     | 0     | 0           | 589          | 624          | 210          | 740          | 0           | 0        | 66962        | 69980         |
| TOTAL                 | 855        | 0        | 0     | 0     | 0           | 589          | 691          | 210          | 1421         | 0           | 0        | 66962        | 70728         |
| <b>TROLL</b>          |            |          |       |       |             |              |              |              |              |             |          |              |               |
| <b>FISH:</b>          |            |          |       |       |             |              |              |              |              |             |          |              |               |
| Halibut, Pacific..... | 0          | 0        | 0     | 0     | 0           | 0            | 0            | 0            | 28           | 0           | 0        | 0            | 28            |
| Lingcod.....          | 0          | 0        | 0     | 0     | 0           | 477          | 703          | 1499         | 386          | 277         | 0        | 0            | 3342          |
| Mackerel.....         | 0          | 0        | 0     | 0     | 0           | 14           | 50           | 0            | 0            | 0           | 0        | 0            | 64            |
| Rockfish (misc. spp.) | 0          | 0        | 0     | 0     | 0           | 3810         | 8607         | 10562        | 6186         | 5767        | 0        | 0            | 34932         |
| Salmon, chinook.....  | 0          | 0        | 0     | 0     | 0           | 15887        | 35163        | 29900        | 16975        | 96          | 0        | 0            | 98021         |
| Salmon, coho.....     | 0          | 0        | 0     | 0     | 0           | 39485        | 36523        | 4560         | 380          | 21          | 0        | 0            | 80969         |
| Salmon, pink.....     | 0          | 0        | 0     | 0     | 0           | 0            | 0            | 3            | 0            | 0           | 0        | 0            | 3             |
| Tuna, albacore.....   | 0          | 0        | 0     | 0     | 0           | 0            | 2197         | 51340        | 49648        | 0           | 0        | 0            | 103185        |
| TOTAL                 | 0          | 0        | 0     | 0     | 0           | 59673        | 83243        | 97864        | 73603        | 6161        | 0        | 0            | 320544        |
| <b>SHRIMP TRAWL</b>   |            |          |       |       |             |              |              |              |              |             |          |              |               |
| <b>FISH:</b>          |            |          |       |       |             |              |              |              |              |             |          |              |               |
| Rockfish (misc. spp.) | 0          | 0        | 0     | 0     | 0           | 47           | 0            | 0            | 0            | 0           | 0        | 0            | 47            |
| <b>CRUSTACEANS:</b>   |            |          |       |       |             |              |              |              |              |             |          |              |               |
| Shrimp, pink.....     | 0          | 0        | 0     | 0     | 2240        | 8939         | 0            | 0            | 0            | 0           | 0        | 0            | 11179         |
| TOTAL                 | 0          | 0        | 0     | 0     | 2240        | 8986         | 0            | 0            | 0            | 0           | 0        | 0            | 11226         |
| <b>TOTAL</b>          | <b>855</b> |          |       |       | <b>2240</b> | <b>69248</b> | <b>83934</b> | <b>98074</b> | <b>75024</b> | <b>6161</b> |          | <b>66962</b> | <b>402498</b> |



TABLE . MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT POKANUPOO, 1978.

| GEAR/SPECIES               | JANUARY       | FEBRUARY     | MARCH        | APRIL         | MAY           | JUNE          | JULY          | AUGUST        | SEPTEMBER     | OCTOBER       | NOVEMBER     | DECEMBER      | TOTAL          |
|----------------------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|----------------|
| <b>POTS OR MISC.</b>       |               |              |              |               |               |               |               |               |               |               |              |               |                |
| <b>FISH:</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Lingcod.....               | 0             | 0            | 0            | 0             | 0             | 5             | 0             | 622           | 917           | 53            | 0            | 0             | 1597           |
| Rockfish (misc. spp.)      | 0             | 0            | 0            | 0             | 0             | 100           | 17            | 1521          | 4362          | 2289          | 0            | 0             | 8289           |
| Sablefish.....             | 0             | 0            | 0            | 0             | 3331          | 39283         | 37575         | 74101         | 135168        | 163236        | 6595         | 0             | 464289         |
| <b>CRUSTACEANS:</b>        |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Crab, Dungeness, Oc..      | 153360        | 93008        | 58624        | 65086         | 9547          | 355           | 45            | 0             | 0             | 0             | 0            | 682577        | 1062602        |
| <b>MOLLUSKS:</b>           |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Octopus.....               | 102           | 34           | 24           | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 1736          | 1896           |
| <b>TOTAL</b>               | <b>153462</b> | <b>93042</b> | <b>58648</b> | <b>65086</b>  | <b>12878</b>  | <b>39743</b>  | <b>37637</b>  | <b>76244</b>  | <b>140447</b> | <b>170578</b> | <b>6595</b>  | <b>684313</b> | <b>1533673</b> |
| <b>TROLL</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| <b>FISH:</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Halibut, Pacific.....      | 0             | 0            | 0            | 0             | 0             | 0             | 4             | 61            | 19            | 0             | 0            | 0             | 84             |
| Lingcod.....               | 0             | 669          | 11647        | 3350          | 800           | 1299          | 754           | 2877          | 12329         | 11665         | 1253         | 0             | 46643          |
| Rockfish (misc. spp.)      | 0             | 305          | 4199         | 3283          | 847           | 11394         | 7069          | 19251         | 35283         | 15940         | 2844         | 0             | 100414         |
| Salmon, chinook.....       | 0             | 0            | 0            | 0             | 114           | 54768         | 45306         | 33772         | 26805         | 33509         | 25943        | 0             | 225217         |
| Salmon, coho.....          | 0             | 0            | 0            | 0             | 0             | 57748         | 35695         | 35754         | 5427          | 449           | 5            | 0             | 136078         |
| Salmon, pink.....          | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 3             | 0             | 0             | 0            | 0             | 3              |
| Sole, petrale.....         | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 27            | 12            | 0             | 0            | 0             | 39             |
| Tuna, albacore.....        | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 2516          | 0             | 0             | 0            | 0             | 2516           |
| <b>TOTAL</b>               | <b>0</b>      | <b>974</b>   | <b>15846</b> | <b>6633</b>   | <b>1761</b>   | <b>125209</b> | <b>88827</b>  | <b>99261</b>  | <b>80875</b>  | <b>61563</b>  | <b>30045</b> | <b>0</b>      | <b>510994</b>  |
| <b>DIP NET OR JIG</b>      |               |              |              |               |               |               |               |               |               |               |              |               |                |
| <b>FISH:</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Lingcod.....               | 739           | 1289         | 2295         | 0             | 75            | 59            | 0             | 0             | 0             | 0             | 1266         | 0             | 5723           |
| Rockfish (misc. spp.)      | 346           | 430          | 1334         | 0             | 136           | 284           | 0             | 0             | 0             | 0             | 2210         | 0             | 4740           |
| <b>TOTAL</b>               | <b>1085</b>   | <b>1719</b>  | <b>3629</b>  | <b>0</b>      | <b>211</b>    | <b>343</b>    | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>3476</b>  | <b>0</b>      | <b>10463</b>   |
| <b>LONGLINE OR SETLINE</b> |               |              |              |               |               |               |               |               |               |               |              |               |                |
| <b>FISH:</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Sablefish.....             | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 6586          | 0            | 0             | 6586           |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>     | <b>0</b>     | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>6586</b>   | <b>0</b>     | <b>0</b>      | <b>6586</b>    |
| <b>BAIT NET OR SEINE</b>   |               |              |              |               |               |               |               |               |               |               |              |               |                |
| <b>FISH:</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Herring, Pacific.....      | 0             | 0            | 0            | 0             | 0             | 420           | 0             | 0             | 0             | 0             | 0            | 0             | 420            |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>     | <b>0</b>     | <b>0</b>      | <b>0</b>      | <b>420</b>    | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>     | <b>0</b>      | <b>420</b>     |
| <b>SHRIMP TRAWL</b>        |               |              |              |               |               |               |               |               |               |               |              |               |                |
| <b>FISH:</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Lingcod.....               | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 298           | 0             | 0             | 0            | 0             | 298            |
| Rockfish (misc. spp.)      | 0             | 0            | 0            | 2137          | 917           | 5192          | 3455          | 5221          | 1560          | 0             | 0            | 0             | 18482          |
| Sablefish.....             | 0             | 0            | 0            | 0             | 0             | 70            | 152           | 1038          | 0             | 0             | 0            | 0             | 1260           |
| Sole, Dover.....           | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 4423          | 0             | 0             | 0            | 0             | 4423           |
| Sole, English.....         | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 183           | 0             | 0             | 0            | 0             | 183            |
| Sole, petrale.....         | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 557           | 0             | 0             | 0            | 0             | 557            |
| Sole, rex.....             | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 157           | 0             | 0             | 0            | 0             | 157            |
| <b>CRUSTACEANS:</b>        |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Shrimp, pink.....          | 0             | 0            | 0            | 153779        | 129720        | 161405        | 81555         | 99715         | 25315         | 0             | 0            | 0             | 651489         |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>     | <b>0</b>     | <b>153779</b> | <b>130637</b> | <b>166667</b> | <b>85162</b>  | <b>111592</b> | <b>26875</b>  | <b>0</b>      | <b>0</b>     | <b>0</b>      | <b>676849</b>  |
| <b>GROUND FISH TRAWL</b>   |               |              |              |               |               |               |               |               |               |               |              |               |                |
| <b>FISH:</b>               |               |              |              |               |               |               |               |               |               |               |              |               |                |
| Lingcod.....               | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 3820          | 1029          | 0             | 0            | 0             | 4849           |
| Rockfish (misc. spp.)      | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 9474          | 9820          | 0             | 2084         | 0             | 21378          |
| Pac. Oc. perch.....        | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 0             | 13358         | 0             | 0            | 0             | 13358          |
| Sablefish.....             | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 5911          | 12995         | 0             | 3629         | 0             | 22535          |
| Sanddab, Pacific.....      | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 160           | 0             | 0             | 0            | 0             | 160            |
| Sole, Dover.....           | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 38362         | 45307         | 0             | 6348         | 0             | 90017          |
| Sole, English.....         | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 1631          | 32            | 0             | 0            | 0             | 1763           |
| Sole, petrale.....         | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 11693         | 840           | 0             | 1768         | 0             | 14301          |
| Sole, rex.....             | 0             | 0            | 0            | 0             | 0             | 0             | 0             | 1919          | 3801          | 0             | 1138         | 0             | 6858           |
| <b>TOTAL</b>               | <b>0</b>      | <b>0</b>     | <b>0</b>     | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>0</b>      | <b>73020</b>  | <b>87232</b>  | <b>0</b>      | <b>14967</b> | <b>0</b>      | <b>175219</b>  |
| <b>TOTAL</b>               | <b>154547</b> | <b>95735</b> | <b>78123</b> | <b>227635</b> | <b>145487</b> | <b>332382</b> | <b>211626</b> | <b>360117</b> | <b>335429</b> | <b>238727</b> | <b>55083</b> | <b>884313</b> | <b>2919204</b> |

TABLE 40. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT GOLD BEACH, 1978.

| GEAR/SPECIES          | JANUARY      | FEBRUARY | MARCH       | APRIL       | MAY       | JUNE         | JULY         | AUGUST       | SEPTEMBER    | OCTOBER    | NOVEMBER | DECEMBER | TOTAL         |
|-----------------------|--------------|----------|-------------|-------------|-----------|--------------|--------------|--------------|--------------|------------|----------|----------|---------------|
| <b>POTS OR MISC.</b>  |              |          |             |             |           |              |              |              |              |            |          |          |               |
| <b>CRUSTACEANS:</b>   |              |          |             |             |           |              |              |              |              |            |          |          |               |
| Crab, Dungeness, Bay. | 0            | 0        | 717         | 388         | 0         | 0            | 0            | 0            | 0            | 0          | 0        | 0        | 1105          |
| Crab, Dungeness, Oc.. | 15870        | 0        | 1581        | 3342        | 0         | 0            | 0            | 0            | 0            | 0          | 0        | 0        | 20793         |
| TOTAL                 | 15870        | 0        | 2298        | 3730        | 0         | 0            | 0            | 0            | 0            | 0          | 0        | 0        | 21898         |
| <b>TROLL</b>          |              |          |             |             |           |              |              |              |              |            |          |          |               |
| <b>FISH:</b>          |              |          |             |             |           |              |              |              |              |            |          |          |               |
| Halibut, Pacific..... | 0            | 0        | 0           | 0           | 0         | 0            | 0            | 6            | 0            | 0          | 0        | 0        | 6             |
| Lingcod.....          | 0            | 0        | 0           | 0           | 29        | 103          | 959          | 1425         | 782          | 0          | 0        | 0        | 3298          |
| Rockfish (misc. spp.) | 0            | 0        | 0           | 0           | 0         | 742          | 4303         | 11758        | 8940         | 96         | 0        | 0        | 25839         |
| Sablefish.....        | 0            | 0        | 0           | 0           | 0         | 12           | 0            | 0            | 6            | 0          | 0        | 0        | 18            |
| Salmon, chinook.....  | 0            | 0        | 0           | 0           | 8         | 11542        | 33979        | 63573        | 36794        | 651        | 0        | 0        | 146547        |
| Salmon, coho.....     | 0            | 0        | 0           | 0           | 0         | 26623        | 19366        | 11491        | 3506         | 37         | 0        | 0        | 61023         |
| Sole, Dover.....      | 0            | 0        | 0           | 0           | 0         | 0            | 0            | 1            | 0            | 0          | 0        | 0        | 1             |
| Sole, petrale.....    | 0            | 0        | 0           | 0           | 0         | 0            | 3            | 22           | 0            | 0          | 0        | 0        | 25            |
| Tuna, albacore.....   | 0            | 0        | 0           | 0           | 0         | 0            | 3838         | 9547         | 173          | 0          | 0        | 0        | 13558         |
| TOTAL                 | 0            | 0        | 0           | 0           | 37        | 39022        | 62448        | 97823        | 50201        | 784        | 0        | 0        | 250315        |
| <b>TOTAL</b>          | <b>15870</b> |          | <b>2298</b> | <b>3730</b> | <b>37</b> | <b>39022</b> | <b>62448</b> | <b>97823</b> | <b>50201</b> | <b>784</b> |          |          | <b>272213</b> |

TABLE MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT BIRCHING, 1978.

| GEAR/SPECIES             | JANUARY | FEBRUARY | MARCH | APRIL  | MAY     | JUNE    | JULY    | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|--------------------------|---------|----------|-------|--------|---------|---------|---------|--------|-----------|---------|----------|----------|---------|
| <b>POTS OR MISC.</b>     |         |          |       |        |         |         |         |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Lingcod.....             | 0       | 0        | 0     | 0      | 8       | 0       | 0       | 0      | 0         | 0       | 0        | 0        | 8       |
| Sablefish.....           | 0       | 0        | 0     | 0      | 0       | 0       | 0       | 0      | 0         | 0       | 21060    | 1000     | 22060   |
| <b>CRUSTACEANS:</b>      |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Crab, Dungeness, Oc..    | 271738  | 172795   | 93293 | 55687  | 6731    | 3035    | 1536    | 22308  | 49258     | 0       | 0        | 1253735  | 1930116 |
| <b>MOLLUSKS:</b>         |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Octopus.....             | 268     | 323      | 882   | 331    | 0       | 0       | 0       | 0      | 0         | 0       | 0        | 1394     | 3198    |
| TOTAL                    | 272006  | 173118   | 94175 | 56018  | 6739    | 3035    | 1536    | 22308  | 49258     | 0       | 21060    | 1256129  | 1955382 |
| <b>TROLL</b>             |         |          |       |        |         |         |         |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Halibut, Pacific.....    | 0       | 0        | 0     | 0      | 0       | 0       | 0       | 0      | 20        | 0       | 0        | 0        | 20      |
| Lingcod.....             | 0       | 0        | 0     | 0      | 144     | 257     | 247     | 318    | 893       | 707     | 209      | 0        | 2755    |
| Mackerel.....            | 0       | 0        | 0     | 0      | 0       | 0       | 9       | 0      | 0         | 0       | 0        | 0        | 9       |
| Rockfish (misc. spp.)    | 0       | 0        | 0     | 0      | 5887    | 9799    | 5404    | 19991  | 4905      | 12338   | 2268     | 0        | 60592   |
| Sablefish.....           | 0       | 0        | 0     | 0      | 0       | 0       | 0       | 0      | 0         | 11      | 0        | 0        | 11      |
| Salmon, chinook.....     | 0       | 0        | 0     | 0      | 7019    | 38096   | 20253   | 14856  | 31840     | 33277   | 43130    | 0        | 183471  |
| Salmon, coho.....        | 0       | 0        | 0     | 0      | 0       | 53713   | 40929   | 8238   | 3240      | 733     | 5        | 0        | 106858  |
| Tuna, albacore.....      | 0       | 0        | 0     | 0      | 0       | 0       | 65317   | 97138  | 6757      | 671     | 0        | 0        | 169883  |
| <b>MOLLUSKS:</b>         |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Octopus.....             | 0       | 0        | 0     | 0      | 0       | 0       | 0       | 0      | 0         | 0       | 32       | 0        | 32      |
| TOTAL                    | 0       | 0        | 0     | 0      | 13050   | 101845  | 132159  | 140541 | 47655     | 47737   | 45644    | 0        | 528631  |
| <b>DIP NET OR JIG</b>    |         |          |       |        |         |         |         |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Lingcod.....             | 0       | 0        | 0     | 0      | 0       | 0       | 0       | 0      | 0         | 0       | 286      | 0        | 286     |
| Rockfish (misc. spp.)    | 0       | 0        | 0     | 0      | 20      | 822     | 2710    | 1900   | 0         | 2497    | 4048     | 2000     | 13997   |
| TOTAL                    | 0       | 0        | 0     | 0      | 20      | 822     | 2710    | 1900   | 0         | 2497    | 4334     | 2000     | 14283   |
| <b>BAIT NET OR SEINE</b> |         |          |       |        |         |         |         |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Smelt.....               | 0       | 0        | 0     | 0      | 0       | 0       | 3381    | 2800   | 0         | 0       | 0        | 0        | 6181    |
| TOTAL                    | 0       | 0        | 0     | 0      | 0       | 0       | 3381    | 2800   | 0         | 0       | 0        | 0        | 6181    |
| <b>SHRIMP TRAWL</b>      |         |          |       |        |         |         |         |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Flounder, arrowtooth.    | 0       | 0        | 0     | 0      | 48      | 0       | 0       | 0      | 0         | 0       | 0        | 0        | 48      |
| Hake, Pac. (Whiting).    | 0       | 0        | 0     | 0      | 0       | 0       | 0       | 180    | 0         | 0       | 0        | 0        | 180     |
| Lingcod.....             | 0       | 0        | 0     | 0      | 726     | 945     | 678     | 1886   | 124       | 478     | 0        | 0        | 4837    |
| Rockfish (misc. spp.)    | 0       | 0        | 0     | 12665  | 40571   | 96988   | 79627   | 117025 | 51803     | 20247   | 0        | 0        | 418926  |
| Pac. Oc. perch.....      | 0       | 0        | 0     | 0      | 0       | 20      | 0       | 248    | 0         | 0       | 0        | 0        | 268     |
| Sablefish.....           | 0       | 0        | 0     | 0      | 0       | 50      | 700     | 645    | 0         | 0       | 0        | 0        | 1395    |
| Sole, Dover.....         | 0       | 0        | 0     | 50     | 523     | 2010    | 0       | 600    | 310       | 63      | 0        | 0        | 3556    |
| Sole, English.....       | 0       | 0        | 0     | 630    | 32      | 135     | 0       | 0      | 0         | 165     | 0        | 0        | 962     |
| Sole, petrale.....       | 0       | 0        | 0     | 40     | 20      | 67      | 0       | 10     | 0         | 0       | 0        | 0        | 137     |
| Sole, rex.....           | 0       | 0        | 0     | 195    | 88      | 0       | 0       | 25     | 76        | 0       | 0        | 0        | 384     |
| Sole, sand.....          | 0       | 0        | 0     | 135    | 0       | 0       | 0       | 0      | 0         | 0       | 0        | 0        | 135     |
| <b>CRUSTACEANS:</b>      |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Shrimp, pink.....        | 0       | 0        | 0     | 956430 | 1300479 | 1161492 | 994363  | 821340 | 930744    | 293798  | 0        | 0        | 6458646 |
| <b>MOLLUSKS:</b>         |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Octopus.....             | 0       | 0        | 0     | 11     | 90      | 138     | 90      | 80     | 48        | 0       | 0        | 0        | 457     |
| TOTAL                    | 0       | 0        | 0     | 970156 | 1342577 | 1261845 | 1075458 | 942039 | 983105    | 314751  | 0        | 0        | 6889931 |
| <b>GROUND FISH TRAWL</b> |         |          |       |        |         |         |         |        |           |         |          |          |         |
| <b>FISH:</b>             |         |          |       |        |         |         |         |        |           |         |          |          |         |
| Flounder, arrowtooth.    | 0       | 0        | 0     | 315    | 2234    | 3693    | 5080    | 4156   | 2291      | 6891    | 1960     | 749      | 27369   |
| Flounder, starry.....    | 982     | 1089     | 1550  | 178    | 26      | 1532    | 905     | 1693   | 267       | 3150    | 3254     | 1616     | 16242   |
| Hake, Pac. (Whiting).    | 0       | 0        | 0     | 0      | 0       | 770     | 0       | 0      | 110       | 0       | 0        | 0        | 880     |
| Lingcod.....             | 337     | 152      | 738   | 2201   | 1555    | 3236    | 7393    | 5278   | 1710      | 13207   | 3270     | 3284     | 47361   |
| Rockfish (misc. spp.)    | 7037    | 11471    | 24320 | 4538   | 2999    | 8626    | 20211   | 27565  | 7753      | 27984   | 137427   | 253406   | 533337  |
| Pac. Oc. perch.....      | 0       | 0        | 0     | 300    | 400     | 76      | 2141    | 3113   | 124       | 704     | 900      | 730      | 8492    |

TABLE 41. MONTHLY LANDINGS (POUNDS) OF COMMERCIAL FOOD FISH BY GEAR AT BROOKINGS, 1978. (CONTINUED)

| GEAR/SPECIES          | JANUARY | FEBRUARY | MARCH  | APRIL   | MAY     | JUNE    | JULY    | AUGUST  | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL    |
|-----------------------|---------|----------|--------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|----------|
| Sablefish.....        | 189     | 0        | 0      | 171     | 715     | 1813    | 4375    | 18707   | 8284      | 13809   | 17067    | 11107    | 76237    |
| Sanddab, Pacific..... | 603     | 461      | 436    | 461     | 198     | 200     | 83      | 75      | 0         | 407     | 1116     | 338      | 4378     |
| Shark, soupfin.....   | 141     | 0        | 0      | 0       | 0       | 0       | 0       | 0       | 28        | 89      | 46       | 105      | 409      |
| Skates and Rays.....  | 0       | 0        | 0      | 0       | 0       | 0       | 0       | 0       | 0         | 56      | 195      | 0        | 251      |
| Sole, butter.....     | 4843    | 5903     | 4759   | 223     | 0       | 1443    | 962     | 3443    | 260       | 3108    | 6243     | 3388     | 34575    |
| Sole, curlfin(turbot) | 0       | 0        | 770    | 0       | 0       | 0       | 0       | 452     | 0         | 350     | 0        | 0        | 1572     |
| Sole, Dover.....      | 0       | 0        | 642    | 7346    | 14910   | 36149   | 40388   | 58230   | 36962     | 132547  | 47871    | 61762    | 436807   |
| Sole, English.....    | 4079    | 4547     | 14748  | 3111    | 8888    | 8016    | 6483    | 7173    | 2220      | 46475   | 28184    | 11944    | 145868   |
| Sole, petrale.....    | 1225    | 506      | 3224   | 1324    | 2448    | 1846    | 2341    | 2354    | 1138      | 11415   | 4769     | 7247     | 39837    |
| Sole, rex.....        | 283     | 95       | 1246   | 439     | 942     | 1293    | 1276    | 2011    | 831       | 12049   | 5794     | 4455     | 30714    |
| Sole, sand.....       | 8053    | 7558     | 12039  | 462     | 50      | 524     | 452     | 922     | 0         | 6451    | 6989     | 3932     | 47432    |
| Sole, miscellaneous.. | 0       | 25       | 0      | 620     | 0       | 0       | 0       | 0       | 0         | 0       | 0        | 0        | 645      |
| MOLLUSKS:             |         |          |        |         |         |         |         |         |           |         |          |          |          |
| Octopus.....          | 1125    | 723      | 976    | 109     | 296     | 123     | 348     | 159     | 159       | 1686    | 1969     | 1074     | 8747     |
| TOTAL                 | 28897   | 32530    | 65448  | 21798   | 35661   | 69340   | 92438   | 135331  | 62141     | 280378  | 272054   | 365137   | 1461153  |
| TOTAL                 | 300903  | 205648   | 159623 | 1047972 | 1398047 | 1436887 | 1307682 | 1244919 | 1142159   | 645363  | 343092   | 1623266  | 10855561 |

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FOOD FISH LANDINGS BY PORT IN OREGON, 1978.

| SPECIES                | COLUMBIA RIVER 1/ | ASTORIA         | TILLAMOOK      | PACIFIC CITY  | DEPOE BAY     | NEWPORT         | FLORENCE      | WINCHESTER BAY | COOS BAY        | BANDON        | PORT ORFORD    | GOLD BEACH    | BROOKINGS      | OTHER 2/ LOCATIONS | TOTAL           |
|------------------------|-------------------|-----------------|----------------|---------------|---------------|-----------------|---------------|----------------|-----------------|---------------|----------------|---------------|----------------|--------------------|-----------------|
| FISH:                  |                   |                 |                |               |               |                 |               |                |                 |               |                |               |                |                    |                 |
| Anchovy, northern....  | 0                 | 0               | 0              | 0             | 0             | 3               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 3               |
| Cod, Pacific.....      | 0                 | 170552          | 2386           | 0             | 0             | 11947           | 0             | 0              | 1658            | 0             | 0              | 0             | 0              | 0                  | 186543          |
| Flounder, arrowtooth.  | 0                 | 21275           | 8064           | 0             | 0             | 959             | 0             | 77             | 9939            | 0             | 0              | 0             | 2505           | 0                  | 42819           |
| Flounder, starry.....  | 11064             | 114702          | 430            | 0             | 0             | 23320           | 0             | 19             | 24707           | 0             | 0              | 0             | 3110           | 0                  | 177352          |
| Hake, Pac. (Whiting).  | 0                 | 54073           | 150            | 0             | 0             | 0               | 0             | 0              | 1730            | 0             | 0              | 0             | 64             | 0                  | 56017           |
| Halibut, Pacific.....  | 0                 | 65599           | 746            | 158           | 69            | 44979           | 540           | 483            | 1782            | 56            | 104            | 2             | 4              | 0                  | 114522          |
| Herring, Pacific.....  | 0                 | 0               | 0              | 0             | 0             | 13971           | 0             | 2397           | 0               | 0             | 105            | 0             | 0              | 0                  | 16473           |
| Lamprey, Pacific.....  | 1364              | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 1364            |
| Lingcod.....           | 0                 | 79929           | 6824           | 1184          | 230           | 101479          | 66            | 3253           | 24214           | 672           | 14145          | 659           | 11379          | 0                  | 244034          |
| Mackerel.....          | 0                 | 0               | 0              | 8             | 0             | 2               | 0             | 0              | 43              | 17            | 0              | 0             | 1              | 0                  | 71              |
| Rockfish (misc. spp.)  | 0                 | 832166          | 21831          | 4823          | 1696          | 676324          | 1141          | 12871          | 360520          | 7004          | 32945          | 4959          | 198188         | 0                  | 2154468         |
| Pac. Oc. perch.....    | 0                 | 150647          | 2997           | 0             | 0             | 144034          | 0             | 3752           | 44372           | 0             | 2470           | 0             | 1506           | 0                  | 349778          |
| Sablefish.....         | 0                 | 125058          | 15023          | 0             | 0             | 338132          | 0             | 11357          | 453867          | 0             | 182680         | 10            | 26784          | 0                  | 1152911         |
| Salmon, chinook.....   | 2812171           | 360988          | 115168         | 59074         | 41955         | 1067311         | 45636         | 132398         | 692848          | 147161        | 360002         | 249646        | 320131         | 0                  | 6404489         |
| Salmon, chum.....      | 11788             | 80              | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 11868           |
| Salmon, coho.....      | 1456858           | 345933          | 246449         | 301503        | 202679        | 959450          | 40332         | 385852         | 830423          | 93833         | 157434         | 71483         | 121346         | 0                  | 5213575         |
| Salmon, pink.....      | 0                 | 170             | 0              | 0             | 0             | 3               | 0             | 0              | 0               | 4             | 5              | 0             | 0              | 0                  | 182             |
| Salmon, sockeye.....   | 51                | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 51              |
| Sanddab, Pacific.....  | 0                 | 23532           | 361            | 0             | 0             | 16230           | 0             | 479            | 8937            | 0             | 45             | 0             | 1253           | 0                  | 50837           |
| Shad, American.....    | 88024             | 0               | 0              | 0             | 0             | 0               | 0             | 46512          | 4150            | 0             | 0              | 0             | 0              | 0                  | 138686          |
| Shark, soupfin.....    | 0                 | 0               | 0              | 0             | 0             | 13              | 0             | 0              | 142             | 0             | 0              | 0             | 172            | 0                  | 327             |
| Shark, spiny dogfish.  | 0                 | 9021            | 0              | 0             | 0             | 15              | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 9036            |
| Skates and Rays.....   | 0                 | 25266           | 0              | 0             | 0             | 202             | 0             | 0              | 1051            | 0             | 0              | 0             | 58             | 0                  | 26577           |
| Smelt.....             | 42                | 0               | 0              | 0             | 0             | 7               | 30            | 5              | 0               | 0             | 0              | 0             | 619            | 0                  | 703             |
| Sole, butter.....      | 0                 | 107             | 0              | 0             | 0             | 4612            | 0             | 0              | 142             | 0             | 0              | 0             | 6662           | 0                  | 11523           |
| Sole, curlfin(turbot)  | 0                 | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 1343            | 0             | 0              | 0             | 169            | 0                  | 1512            |
| Sole, Dover.....       | 0                 | 419182          | 24542          | 0             | 0             | 360643          | 0             | 79449          | 535640          | 0             | 18246          | 0             | 86869          | 0                  | 1524571         |
| Sole, English.....     | 0                 | 200177          | 3633           | 0             | 0             | 247867          | 0             | 3096           | 42008           | 0             | 513            | 0             | 40694          | 0                  | 537988          |
| Sole, flathead.....    | 0                 | 69              | 0              | 0             | 0             | 0               | 0             | 0              | 4654            | 0             | 0              | 0             | 0              | 0                  | 4723            |
| Sole, petrale.....     | 0                 | 240522          | 9481           | 0             | 2             | 342913          | 0             | 24819          | 215411          | 0             | 4949           | 8             | 15549          | 0                  | 853654          |
| Sole, rex.....         | 0                 | 238489          | 2995           | 0             | 0             | 31689           | 0             | 1043           | 49536           | 0             | 1997           | 0             | 9070           | 0                  | 334819          |
| Sole, rock.....        | 0                 | 29              | 0              | 0             | 0             | 4134            | 0             | 0              | 9               | 0             | 0              | 0             | 0              | 0                  | 4172            |
| Sole, sand.....        | 0                 | 103829          | 663            | 0             | 0             | 46413           | 0             | 141            | 13973           | 0             | 0              | 0             | 15643          | 0                  | 180662          |
| Sole, slender.....     | 0                 | 12              | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 12              |
| Sole, miscellaneous..  | 0                 | 76              | 21             | 0             | 0             | 0               | 0             | 0              | 3229            | 0             | 0              | 0             | 55             | 0                  | 3381            |
| Steelhead.....         | 83258             | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 83258           |
| Sturgeon, green.....   | 9162              | 529             | 0              | 0             | 0             | 194             | 0             | 0              | 187             | 0             | 0              | 0             | 0              | 0                  | 10072           |
| Sturgeon, white.....   | 113424            | 36              | 0              | 0             | 0             | 18              | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 113478          |
| Surfperch.....         | 0                 | 43              | 0              | 0             | 0             | 5               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 48              |
| Tuna, albacore.....    | 0                 | 3249379         | 181041         | 56453         | 96071         | 1548331         | 53526         | 138159         | 1920087         | 61329         | 1502           | 7999          | 100517         | 0                  | 7414394         |
| Tuna, bluefin.....     | 0                 | 65160           | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 65160           |
| Tuna, skipjack.....    | 0                 | 1106901         | 0              | 0             | 0             | 387             | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 1107288         |
| Tuna, yellowfin.....   | 0                 | 1730410         | 0              | 0             | 0             | 2640            | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 1733050         |
| Wolf-eel.....          | 0                 | 0               | 0              | 0             | 0             | 36              | 0             | 0              | 31              | 0             | 0              | 0             | 0              | 0                  | 67              |
| Miscellaneous.....     | 0                 | 3665            | 0              | 0             | 0             | 0               | 0             | 5              | 0               | 0             | 0              | 0             | 0              | 0                  | 3670            |
| CRUSTACEANS:           |                   |                 |                |               |               |                 |               |                |                 |               |                |               |                |                    |                 |
| Crab, Dungeness, Bay.  | 0                 | 0               | 37648          | 30            | 0             | 2115            | 793           | 1861           | 21532           | 646           | 0              | 887           | 0              | 589                | 66101           |
| Crab, Dungeness, Oc..  | 0                 | 1925208         | 617506         | 4273          | 7463          | 2040587         | 18006         | 585553         | 1944021         | 55263         | 832188         | 15872         | 1486862        | 104                | 9532906         |
| Crab, rock.....        | 0                 | 0               | 0              | 0             | 0             | 86              | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 86              |
| Crayfish.....          | 9723              | 0               | 0              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 9723            |
| Shrimp, ghost (sand).  | 0                 | 21              | 26376          | 1205          | 207           | 835             | 0             | 122            | 65              | 0             | 0              | 0             | 0              | 7081               | 35912           |
| Shrimp, pink.....      | 0                 | 1963683         | 842920         | 0             | 0             | 5444169         | 0             | 223605         | 4552089         | 2872          | 170692         | 0             | 1702909        | 0                  | 14902939        |
| MOLLUSKS:              |                   |                 |                |               |               |                 |               |                |                 |               |                |               |                |                    |                 |
| Clams, butter.....     | 0                 | 0               | 342            | 0             | 0             | 50              | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 392             |
| Clams, cockle.....     | 0                 | 0               | 131            | 0             | 0             | 0               | 0             | 0              | 1140            | 0             | 0              | 0             | 0              | 0                  | 1271            |
| Clams, gaper.....      | 0                 | 0               | 1              | 0             | 0             | 30174           | 0             | 0              | 9999            | 0             | 0              | 0             | 0              | 0                  | 40174           |
| Clams, littleneck..... | 0                 | 0               | 677            | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 677             |
| Clams, razor.....      | 0                 | 39298           | 12             | 0             | 0             | 0               | 29            | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 39339           |
| Clams, softshell.....  | 0                 | 0               | 7              | 0             | 0             | 0               | 0             | 0              | 0               | 0             | 0              | 0             | 0              | 0                  | 7               |
| Mussels.....           | 0                 | 31              | 165            | 0             | 0             | 0               | 0             | 61             | 0               | 0             | 0              | 0             | 0              | 0                  | 257             |
| Octopus.....           | 0                 | 0               | 0              | 0             | 0             | 383             | 0             | 0              | 323             | 0             | 785            | 0             | 4869           | 0                  | 6360            |
| <b>TOTAL</b>           | <b>4596929</b>    | <b>13665847</b> | <b>2168590</b> | <b>428711</b> | <b>350372</b> | <b>13506662</b> | <b>160099</b> | <b>1657369</b> | <b>11775802</b> | <b>368857</b> | <b>1780807</b> | <b>351525</b> | <b>4156988</b> | <b>7774</b>        | <b>54976332</b> |

1/ OREGON LANDINGS ONLY.  
2/ LANDINGS AT NEHALEM BAY, NETARTS BAY, SILETZ BAY, AND WALDPORST.

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS IN OREGON, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH   | APRIL   | MAY     | JUNE    | JULY    | AUGUST   | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL    |
|-----------------------|---------|----------|---------|---------|---------|---------|---------|----------|-----------|---------|----------|----------|----------|
| FISH:                 |         |          |         |         |         |         |         |          |           |         |          |          |          |
| Anchovy, northern.... | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0        | 3         | 0       | 0        | 0        | 3        |
| Cod, Pacific.....     | 970     | 93       | 6964    | 19173   | 22048   | 48109   | 41105   | 17815    | 11349     | 12825   | 3763     | 2329     | 186543   |
| Flounder, arrowtooth. | 13      | 1234     | 1393    | 5033    | 2159    | 4898    | 5441    | 5049     | 5258      | 10655   | 1181     | 505      | 42819    |
| Flounder, starry..... | 8754    | 13321    | 11148   | 4607    | 3130    | 19808   | 33442   | 21349    | 21029     | 27470   | 3496     | 9798     | 177352   |
| Hake, Pac. (Whiting). | 0       | 0        | 0       | 0       | 1485    | 10863   | 12241   | 15938    | 14063     | 1427    | 0        | 0        | 56017    |
| Halibut, Pacific..... | 0       | 0        | 0       | 0       | 964     | 8024    | 28538   | 9608     | 67388     | 0       | 0        | 0        | 114522   |
| Herring, Pacific..... | 70      | 6308     | 2157    | 4628    | 34      | 543     | 145     | 2420     | 168       | 0       | 0        | 0        | 16473    |
| Lamprey, Pacific..... | 0       | 0        | 0       | 0       | 0       | 49      | 1315    | 0        | 0         | 0       | 0        | 0        | 1364     |
| Lingcod.....          | 4272    | 3109     | 17258   | 15208   | 14390   | 34555   | 48484   | 34751    | 20395     | 34193   | 8923     | 8496     | 244034   |
| Mackerel.....         | 0       | 0        | 0       | 0       | 4       | 16      | 8       | 13       | 30        | 0       | 0        | 0        | 71       |
| Rockfish (misc. spp.) | 45477   | 61678    | 193085  | 86832   | 148184  | 238257  | 336108  | 277490   | 251053    | 297632  | 131482   | 87190    | 2154468  |
| Pac. Oc. perch.....   | 22354   | 11655    | 13289   | 19869   | 27787   | 50412   | 36465   | 51157    | 16249     | 86495   | 6185     | 7861     | 349778   |
| Sablefish.....        | 33144   | 5098     | 13864   | 23178   | 42714   | 97667   | 139880  | 198435   | 290063    | 209534  | 74007    | 25327    | 1152911  |
| Salmon, chinook.....  | 0       | 187763   | 325983  | 11242   | 54517   | 695058  | 1151932 | 1710616  | 1563618   | 523672  | 180088   | 0        | 6404489  |
| Salmon, chum.....     | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0        | 22        | 4688    | 7158     | 0        | 11868    |
| Salmon, coho.....     | 0       | 0        | 0       | 0       | 0       | 1525984 | 1420271 | 719252   | 643431    | 668209  | 236428   | 0        | 5213575  |
| Salmon, pink.....     | 0       | 0        | 0       | 0       | 0       | 0       | 7       | 12       | 0         | 163     | 0        | 0        | 182      |
| Salmon, sockeye.....  | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 9        | 42        | 0       | 0        | 0        | 51       |
| Sanddab, Pacific..... | 4774    | 1681     | 8139    | 3869    | 1207    | 3175    | 4800    | 5102     | 1274      | 6421    | 4617     | 5778     | 50837    |
| Shad, American.....   | 0       | 0        | 0       | 276     | 26425   | 110323  | 1656    | 0        | 5         | 1       | 0        | 0        | 138686   |
| Shark, soupfin.....   | 137     | 10       | 19      | 0       | 0       | 0       | 8       | 0        | 12        | 51      | 26       | 64       | 327      |
| Shark, spiny dogfish. | 2       | 2510     | 1394    | 1557    | 276     | 0       | 0       | 0        | 1143      | 476     | 503      | 1175     | 9036     |
| Skates and Rays.....  | 460     | 1251     | 5104    | 4603    | 1209    | 6256    | 2755    | 1453     | 863       | 2182    | 236      | 205      | 26577    |
| Smelt.....            | 42      | 0        | 0       | 0       | 0       | 20      | 348     | 288      | 5         | 0       | 0        | 0        | 703      |
| Sole, butter.....     | 3167    | 1659     | 1225    | 163     | 770     | 326     | 339     | 755      | 51        | 982     | 1375     | 711      | 11523    |
| Sole, curlfin(turbot) | 0       | 0        | 661     | 46      | 27      | 272     | 304     | 131      | 4         | 67      | 0        | 0        | 1512     |
| Sole, Dover.....      | 12703   | 11131    | 55326   | 86722   | 77933   | 246020  | 167974  | 217894   | 156085    | 274158  | 119330   | 99295    | 1524571  |
| Sole, English.....    | 45836   | 21643    | 36798   | 13018   | 12865   | 30330   | 61640   | 61054    | 42996     | 93727   | 60896    | 57185    | 537988   |
| Sole, flathead.....   | 996     | 790      | 1109    | 119     | 21      | 210     | 363     | 258      | 338       | 61      | 0        | 458      | 4723     |
| Sole, petrale.....    | 54788   | 37546    | 89177   | 77643   | 70854   | 115827  | 118895  | 58610    | 36760     | 78045   | 58518    | 56991    | 853654   |
| 41 Sole, rex.....     | 14835   | 14726    | 32964   | 25369   | 10033   | 51042   | 59891   | 50750    | 19684     | 27229   | 16045    | 12251    | 334819   |
| Sole, rock.....       | 0       | 49       | 542     | 19      | 197     | 1964    | 367     | 174      | 687       | 155     | 18       | 0        | 4172     |
| Sole, sand.....       | 7623    | 6724     | 15215   | 6813    | 9688    | 4227    | 44217   | 16767    | 20804     | 27402   | 14261    | 6921     | 180662   |
| Sole, slender.....    | 0       | 0        | 0       | 0       | 0       | 0       | 12      | 0        | 0         | 0       | 0        | 0        | 12       |
| Sole, miscellaneous.. | 12      | 1628     | 200     | 59      | 0       | 0       | 0       | 0        | 1007      | 0       | 0        | 475      | 3381     |
| Steelhead.....        | 2600    | 2934     | 7108    | 227     | 0       | 0       | 0       | 8453     | 57544     | 4392    | 0        | 0        | 83258    |
| Sturgeon, green.....  | 22      | 106      | 137     | 9       | 203     | 52      | 380     | 8803     | 201       | 129     | 30       | 0        | 10072    |
| Sturgeon, white.....  | 225     | 8870     | 15243   | 6902    | 3406    | 37      | 25      | 42307    | 18341     | 13980   | 4124     | 18       | 113478   |
| Surfperch.....        | 0       | 0        | 0       | 43      | 0       | 0       | 0       | 0        | 0         | 0       | 0        | 5        | 48       |
| Tuna, albacore.....   | 0       | 1043     | 0       | 0       | 0       | 0       | 535266  | 4719900  | 1974909   | 183174  | 102      | 0        | 7414394  |
| Tuna, bluefin.....    | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 65160    | 0         | 0       | 0        | 0        | 65160    |
| Tuna, skipjack.....   | 0       | 1094     | 299146  | 315925  | 78361   | 0       | 236352  | 61707    | 0         | 0       | 114703   | 0        | 1107288  |
| Tuna, yellowfin.....  | 0       | 5835     | 242028  | 152766  | 434774  | 0       | 271388  | 316351   | 0         | 0       | 309908   | 0        | 1733050  |
| Wolf-eel.....         | 2       | 2        | 8       | 13      | 1       | 2       | 32      | 0        | 6         | 1       | 0        | 0        | 67       |
| Miscellaneous.....    | 198     | 0        | 0       | 0       | 366     | 824     | 464     | 969      | 369       | 460     | 20       | 0        | 3670     |
| CRUSTACEANS:          |         |          |         |         |         |         |         |          |           |         |          |          |          |
| Crab, Dungeness, Bay. | 711     | 1046     | 3201    | 1651    | 886     | 1313    | 3549    | 8510     | 5212      | 9322    | 22512    | 8188     | 66101    |
| Crab, Dungeness, Oc.. | 1607889 | 974425   | 725929  | 644682  | 246403  | 158002  | 89382   | 124274   | 89586     | 2       | 1653     | 4870679  | 9532906  |
| Crab, rock.....       | 0       | 0        | 0       | 0       | 0       | 24      | 0       | 28       | 16        | 9       | 0        | 9        | 86       |
| Crayfish.....         | 0       | 0        | 0       | 0       | 0       | 905     | 2797    | 3416     | 2367      | 238     | 0        | 0        | 9723     |
| Shrimp, ghost (sand). | 808     | 2830     | 7860    | 1213    | 1749    | 2246    | 5835    | 3786     | 6243      | 1552    | 1622     | 168      | 35912    |
| Shrimp, pink.....     | 0       | 0        | 0       | 2671827 | 2943825 | 3372970 | 2732026 | 1656728  | 1266111   | 259452  | 0        | 0        | 14902939 |
| MOLLUSKS:             |         |          |         |         |         |         |         |          |           |         |          |          |          |
| Clams, butter.....    | 0       | 0        | 0       | 0       | 0       | 0       | 50      | 25       | 194       | 123     | 0        | 0        | 392      |
| Clams, cockle.....    | 0       | 0        | 8       | 269     | 436     | 396     | 67      | 16       | 0         | 79      | 0        | 0        | 1271     |
| Clams, gaper.....     | 0       | 0        | 0       | 0       | 0       | 0       | 4688    | 8675     | 12012     | 12250   | 2549     | 0        | 40174    |
| Clams, littleneck.... | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 66       | 427       | 184     | 0        | 0        | 677      |
| Clams, razor.....     | 796     | 1713     | 3497    | 9597    | 12875   | 5689    | 1549    | 844      | 514       | 997     | 933      | 335      | 39339    |
| Clams, softshell..... | 0       | 0        | 0       | 0       | 0       | 0       | 7       | 0        | 0         | 0       | 0        | 0        | 7        |
| Mussels.....          | 0       | 0        | 0       | 18      | 74      | 8       | 0       | 0        | 0         | 0       | 0        | 157      | 257      |
| Octopus.....          | 567     | 471      | 841     | 244     | 159     | 174     | 183     | 128      | 178       | 692     | 856      | 1867     | 6360     |
| TOTAL                 | 1874247 | 1391976  | 2138020 | 4215432 | 4252435 | 6846865 | 7602999 | 10507282 | 6620059   | 2875028 | 1387548  | 5264441  | 54976332 |

TABLE ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS FROM THE COLUMBIA RIVER, 1978. 1/

| SPECIES               | JANUARY | FEBRUARY | MARCH  | APRIL | MAY  | JUNE  | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------|---------|----------|--------|-------|------|-------|------|--------|-----------|---------|----------|----------|---------|
| BELOW BONNEVILLE DAM  |         |          |        |       |      |       |      |        |           |         |          |          |         |
| FISH:                 |         |          |        |       |      |       |      |        |           |         |          |          |         |
| Flounder, starry..... | 0       | 1362     | 2900   | 0     | 0    | 0     | 18   | 5631   | 489       | 512     | 152      | 0        | 11064   |
| Lamprey, Pacific..... | 0       | 0        | 0      | 0     | 0    | 49    | 1315 | 0      | 0         | 0       | 0        | 0        | 1364    |
| Salmon, chinook.....  | 0       | 185925   | 294881 | 0     | 0    | 1763  | 2396 | 866549 | 807441    | 251127  | 40320    | 0        | 2450402 |
| Salmon, chum.....     | 0       | 0        | 0      | 0     | 0    | 0     | 0    | 0      | 22        | 4608    | 7158     | 0        | 11788   |
| Salmon, coho.....     | 0       | 0        | 0      | 0     | 0    | 57    | 0    | 5406   | 550888    | 650403  | 236416   | 0        | 1443170 |
| Salmon, sockeye.....  | 0       | 0        | 0      | 0     | 0    | 0     | 0    | 0      | 0         | 29      | 0        | 0        | 29      |
| Shad, American.....   | 0       | 0        | 0      | 0     | 1301 | 80503 | 1656 | 0      | 5         | 1       | 0        | 0        | 83466   |
| Smelt.....            | 42      | 0        | 0      | 0     | 0    | 0     | 0    | 0      | 0         | 0       | 0        | 0        | 42      |
| Steelhead.....        | 0       | 0        | 0      | 0     | 0    | 0     | 0    | 0      | 32        | 0       | 0        | 0        | 32      |
| Sturgeon, green.....  | 0       | 0        | 26     | 0     | 0    | 8     | 38   | 8790   | 173       | 120     | 7        | 0        | 9162    |
| Sturgeon, white.....  | 225     | 8870     | 15118  | 5353  | 95   | 26    | 0    | 39252  | 15509     | 13237   | 4124     | 0        | 101809  |
| CRUSTACEANS:          |         |          |        |       |      |       |      |        |           |         |          |          |         |
| Crayfish.....         | 0       | 0        | 0      | 0     | 0    | 905   | 2797 | 3416   | 2367      | 238     | 0        | 0        | 9723    |
| TOTAL                 | 267     | 196157   | 312925 | 5353  | 1396 | 83311 | 8220 | 929044 | 1376926   | 920275  | 288177   | 0        | 4122051 |
| ABOVE BONNEVILLE DAM  |         |          |        |       |      |       |      |        |           |         |          |          |         |
| FISH:                 |         |          |        |       |      |       |      |        |           |         |          |          |         |
| Salmon, chinook.....  | 0       | 1838     | 31102  | 10996 | 1816 | 612   | 0    | 21858  | 283012    | 10535   | 0        | 0        | 361769  |
| Salmon, coho.....     | 0       | 0        | 0      | 0     | 0    | 0     | 0    | 181    | 13001     | 506     | 0        | 0        | 13688   |
| Salmon, sockeye.....  | 0       | 0        | 0      | 0     | 0    | 0     | 0    | 0      | 9         | 13      | 0        | 0        | 22      |
| Shad, American.....   | 0       | 0        | 0      | 0     | 0    | 4558  | 0    | 0      | 0         | 0       | 0        | 0        | 4558    |
| Steelhead.....        | 2600    | 2934     | 7108   | 227   | 0    | 0     | 0    | 8453   | 57512     | 4392    | 0        | 0        | 83226   |
| Sturgeon, white.....  | 0       | 0        | 125    | 1549  | 3311 | 0     | 0    | 3055   | 2832      | 743     | 0        | 0        | 11615   |
| TOTAL                 | 2600    | 4772     | 38335  | 12772 | 5127 | 5170  | 0    | 33547  | 356366    | 16189   | 0        | 0        | 474878  |
| TOTAL                 | 2867    | 200929   | 351260 | 18125 | 6523 | 88481 | 8220 | 962591 | 1733292   | 936464  | 288177   | 0        | 4596929 |

1/ OREGON LANDINGS ONLY.

TABLE 45 ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT ASTORIA, 1978. 1/ 2/

| SPECIES               | JANUARY       | FEBRUARY      | MARCH         | APRIL          | MAY            | JUNE           | JULY           | AUGUST         | SEPTEMBER      | OCTOBER       | NOVEMBER      | DECEMBER      | TOTAL           |
|-----------------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|-----------------|
| <b>FISH:</b>          |               |               |               |                |                |                |                |                |                |               |               |               |                 |
| Cod, Pacific.....     | 778           | 93            | 6964          | 18813          | 19537          | 42346          | 36858          | 16752          | 11158          | 12684         | 2687          | 1882          | 170552          |
| Flounder, arrowtooth. | 13            | 2             | 862           | 4430           | 1900           | 3915           | 2799           | 2020           | 2039           | 3295          | 0             | 0             | 21275           |
| Flounder, starry..... | 1752          | 1688          | 3795          | 1516           | 1429           | 18924          | 28584          | 12977          | 16509          | 22280         | 1640          | 3608          | 114702          |
| Hake, Pac. (Whiting). | 0             | 0             | 0             | 0              | 1485           | 10817          | 10624          | 15664          | 14056          | 1427          | 0             | 0             | 54073           |
| Halibut, Pacific..... | 0             | 0             | 0             | 0              | 581            | 100            | 18             | 98             | 64802          | 0             | 0             | 0             | 65599           |
| Lingcod.....          | 1417          | 1096          | 8294          | 7863           | 5744           | 8707           | 16404          | 11496          | 5341           | 12962         | 278           | 329           | 79931           |
| Rockfish (misc. spp.) | 16648         | 29344         | 95317         | 47774          | 82567          | 81391          | 174057         | 87860          | 88791          | 117652        | 8359          | 2404          | 832164          |
| Pac. Oc. perch.....   | 1229          | 250           | 13            | 4656           | 11856          | 22615          | 18780          | 21879          | 8777           | 60490         | 0             | 102           | 150647          |
| Sablefish.....        | 9             | 0             | 0             | 2855           | 3824           | 11420          | 23384          | 47769          | 12224          | 19532         | 2030          | 2011          | 125058          |
| Salmon, chinook.....  | 0             | 0             | 0             | 0              | 19608          | 120017         | 118658         | 25259          | 3349           | 74097         | 0             | 0             | 360988          |
| Salmon, chum.....     | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 80            | 0             | 0             | 80              |
| Salmon, coho.....     | 0             | 0             | 0             | 0              | 0              | 101979         | 146684         | 66843          | 17491          | 12936         | 0             | 0             | 345933          |
| Salmon, pink.....     | 0             | 0             | 0             | 0              | 0              | 0              | 4              | 3              | 0              | 163           | 0             | 0             | 170             |
| Sanddab, Pacific..... | 1246          | 1064          | 4490          | 2911           | 818            | 1919           | 3719           | 2908           | 840            | 2126          | 574           | 917           | 23532           |
| Shark, spiny dogfish. | 0             | 2508          | 1393          | 1557           | 276            | 0              | 0              | 0              | 1141           | 476           | 495           | 1175          | 9021            |
| Skates and Rays.....  | 453           | 1246          | 4892          | 4602           | 1209           | 6256           | 2743           | 1453           | 787            | 1470          | 0             | 155           | 25266           |
| Sole, butter.....     | 0             | 0             | 0             | 0              | 3              | 34             | 68             | 1              | 1              | 0             | 0             | 0             | 107             |
| Sole, Dover.....      | 5             | 76            | 5801          | 18123          | 35076          | 100375         | 92139          | 83870          | 36846          | 36775         | 7762          | 2334          | 419182          |
| Sole, English.....    | 13345         | 8707          | 14764         | 4365           | 4049           | 16918          | 29749          | 33812          | 29092          | 31207         | 10540         | 3629          | 200177          |
| Sole, flathead.....   | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 45             | 24            | 0             | 0             | 69              |
| Sole, petrale.....    | 14280         | 7749          | 24695         | 43623          | 42931          | 33150          | 18498          | 12916          | 13584          | 21796         | 1567          | 5735          | 240524          |
| Sole, rex.....        | 6918          | 7059          | 18441         | 20634          | 8090           | 44595          | 52191          | 45284          | 15648          | 14378         | 1335          | 3916          | 238489          |
| Sole, rock.....       | 0             | 29            | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0             | 0             | 29              |
| Sole, sand.....       | 965           | 1727          | 8699          | 2688           | 970            | 412            | 34384          | 12265          | 15661          | 15354         | 9464          | 1240          | 103829          |
| Sole, slender.....    | 0             | 0             | 0             | 0              | 0              | 0              | 12             | 0              | 0              | 0             | 0             | 0             | 12              |
| Sole, miscellaneous.. | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 76             | 0             | 0             | 0             | 76              |
| Sturgeon, green.....  | 0             | 2             | 25            | 9              | 121            | 13             | 335            | 6              | 0              | 0             | 18            | 0             | 529             |
| Sturgeon, white.....  | 0             | 0             | 0             | 0              | 0              | 11             | 25             | 0              | 0              | 0             | 0             | 0             | 36              |
| Surfperch.....        | 0             | 0             | 0             | 43             | 0              | 0              | 0              | 0              | 0              | 0             | 0             | 0             | 43              |
| Tuna, albacore.....   | 0             | 787           | 0             | 0              | 0              | 0              | 101876         | 2092893        | 908434         | 145287        | 102           | 0             | 3249379         |
| Tuna, bluefin.....    | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 65160          | 0              | 0             | 0             | 0             | 65160           |
| Tuna, skipjack.....   | 0             | 707           | 299146        | 315925         | 78361          | 0              | 236352         | 61707          | 0              | 0             | 114703        | 0             | 1106901         |
| Tuna, yellowfin.....  | 0             | 3195          | 242028        | 152766         | 434774         | 0              | 271388         | 316351         | 0              | 0             | 309908        | 0             | 1730410         |
| Miscellaneous.....    | 198           | 0             | 0             | 0              | 366            | 824            | 459            | 969            | 369            | 460           | 20            | 0             | 3665            |
| <b>CRUSTACEANS:</b>   |               |               |               |                |                |                |                |                |                |               |               |               |                 |
| Crab, Dungeness, Oc.. | 418104        | 268886        | 227584        | 203065         | 97131          | 41749          | 38178          | 35444          | 10199          | 0             | 0             | 584868        | 1925208         |
| Shrimp, ghost (sand). | 0             | 0             | 1             | 0              | 0              | 2              | 8              | 6              | 4              | 0             | 0             | 0             | 21              |
| Shrimp, pink.....     | 0             | 0             | 0             | 419022         | 421011         | 445962         | 480415         | 125389         | 48656          | 23228         | 0             | 0             | 1963683         |
| <b>MOLLUSKS:</b>      |               |               |               |                |                |                |                |                |                |               |               |               |                 |
| Clams, razor.....     | 796           | 1713          | 3497          | 9597           | 12863          | 5689           | 1520           | 844            | 514            | 997           | 933           | 335           | 39298           |
| Mussels.....          | 0             | 0             | 0             | 0              | 31             | 0              | 0              | 0              | 0              | 0             | 0             | 0             | 31              |
| <b>TOTAL</b>          | <b>478156</b> | <b>337928</b> | <b>970701</b> | <b>1286837</b> | <b>1286611</b> | <b>1120140</b> | <b>1940913</b> | <b>3199898</b> | <b>1326434</b> | <b>631176</b> | <b>472415</b> | <b>614640</b> | <b>13665849</b> |

 1/ OCEAN LANDINGS ONLY; SEE TABLE 44 FOR COLUMBIA RIVER LANDINGS.  
 2/ INCLUDES LANDINGS AT WARRENTON, HAMMOND, GEARIART, AND SEASIDE.



TABLE 46. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT NEHALEM BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| CRUSTACEANS:          |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 0    | 11   | 27     | 0         | 0       | 0        | 0        | 38    |
| TOTAL                 |         |          |       |       |     |      | 11   | 27     |           |         |          |          | 38    |

TABLE 47. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT TILLAMOOK BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL  | MAY    | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------|---------|----------|-------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|---------|
| FISH:                 |         |          |       |        |        |        |        |        |           |         |          |          |         |
| Cod, Pacific.....     | 0       | 0        | 0     | 31     | 61     | 346    | 216    | 480    | 118       | 128     | 747      | 259      | 2386    |
| Flounder, arrowtooth. | 0       | 0        | 0     | 0      | 53     | 10     | 40     | 124    | 903       | 5939    | 968      | 27       | 8064    |
| Flounder, starry..... | 0       | 0        | 0     | 0      | 1      | 380    | 0      | 0      | 42        | 7       | 0        | 0        | 430     |
| Hake, Pac. (Whiting). | 0       | 0        | 0     | 0      | 0      | 0      | 48     | 102    | 0         | 0       | 0        | 0        | 150     |
| Halibut, Pacific..... | 0       | 0        | 0     | 0      | 0      | 203    | 475    | 68     | 0         | 0       | 0        | 0        | 746     |
| Lingcod.....          | 247     | 3        | 4     | 254    | 583    | 1138   | 823    | 872    | 552       | 1667    | 573      | 108      | 6824    |
| Rockfish (misc. spp.) | 298     | 9        | 70    | 718    | 1738   | 4768   | 3671   | 4279   | 2301      | 2622    | 1237     | 120      | 21831   |
| Pac. Oc. perch.....   | 0       | 0        | 0     | 4      | 31     | 98     | 30     | 365    | 849       | 1180    | 440      | 0        | 2997    |
| Sablefish.....        | 0       | 0        | 0     | 0      | 68     | 560    | 390    | 812    | 2022      | 9880    | 1291     | 0        | 15023   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0      | 624    | 37676  | 53354  | 15610  | 3410      | 4494    | 0        | 0        | 115168  |
| Salmon, coho.....     | 0       | 0        | 0     | 0      | 0      | 115502 | 95913  | 30294  | 4333      | 407     | 0        | 0        | 246449  |
| Sanddab, Pacific..... | 0       | 0        | 0     | 0      | 0      | 307    | 0      | 0      | 36        | 0       | 18       | 0        | 361     |
| Sole, Dover.....      | 0       | 0        | 0     | 49     | 551    | 3490   | 324    | 699    | 2655      | 13498   | 3072     | 204      | 24542   |
| Sole, English.....    | 1483    | 173      | 0     | 0      | 53     | 128    | 0      | 0      | 235       | 61      | 615      | 885      | 3633    |
| Sole, petrale.....    | 598     | 34       | 0     | 141    | 264    | 820    | 150    | 277    | 1109      | 2551    | 2034     | 1503     | 9481    |
| Sole, rex.....        | 729     | 91       | 0     | 4      | 68     | 243    | 58     | 73     | 195       | 610     | 403      | 521      | 2995    |
| Sole, sand.....       | 71      | 0        | 0     | 0      | 12     | 576    | 0      | 4      | 0         | 0       | 0        | 0        | 663     |
| Sole, miscellaneous.. | 12      | 0        | 0     | 9      | 0      | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 21      |
| Tuna, albacore.....   | 0       | 0        | 0     | 0      | 0      | 0      | 15957  | 108068 | 53980     | 3036    | 0        | 0        | 181041  |
| CRUSTACEANS:          |         |          |       |        |        |        |        |        |           |         |          |          |         |
| Crab, Dungeness, Bay. | 545     | 280      | 657   | 688    | 220    | 211    | 2787   | 8510   | 4578      | 5774    | 9919     | 3479     | 37648   |
| Crab, Dungeness, Oc.. | 84717   | 66941    | 60558 | 75784  | 46272  | 32001  | 21620  | 35921  | 11960     | 0       | 0        | 181732   | 617506  |
| Shrimp, ghost (sand). | 804     | 2632     | 6795  | 329    | 856    | 1119   | 4398   | 2571   | 4457      | 1254    | 993      | 168      | 26376   |
| Shrimp, pink.....     | 0       | 0        | 0     | 189124 | 143350 | 283322 | 110555 | 103903 | 11686     | 980     | 0        | 0        | 842920  |
| MOLLUSKS:             |         |          |       |        |        |        |        |        |           |         |          |          |         |
| Clams, butter.....    | 0       | 0        | 0     | 0      | 0      | 0      | 0      | 25     | 194       | 123     | 0        | 0        | 342     |
| Clams, cockle.....    | 0       | 0        | 8     | 5      | 10     | 0      | 13     | 16     | 0         | 79      | 0        | 0        | 131     |
| Clams, gaper.....     | 0       | 0        | 0     | 0      | 0      | 0      | 0      | 0      | 0         | 1       | 0        | 0        | 1       |
| Clams, littleneck.... | 0       | 0        | 0     | 0      | 0      | 0      | 0      | 66     | 427       | 184     | 0        | 0        | 677     |
| Clams, razor.....     | 0       | 0        | 0     | 0      | 12     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 12      |
| Clams, softshell..... | 0       | 0        | 0     | 0      | 0      | 0      | 7      | 0      | 0         | 0       | 0        | 0        | 7       |
| Mussels.....          | 0       | 0        | 0     | 0      | 0      | 8      | 0      | 0      | 0         | 0       | 0        | 157      | 165     |
| TOTAL                 | 89504   | 70163    | 68092 | 267140 | 194827 | 482906 | 310829 | 313139 | 106042    | 54475   | 22310    | 189163   | 2168590 |

TABLE ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT NETARTS BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| CRUSTACEANS:          |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 14  | 13   | 74   | 0      | 0         | 0       | 0        | 0        | 101   |
| TOTAL                 |         |          |       |       | 14  | 13   | 74   |        |           |         |          |          | 101   |

TABLE 49. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT PACIFIC CITY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|-----|--------|--------|--------|-----------|---------|----------|----------|--------|
| FISH:                 |         |          |       |       |     |        |        |        |           |         |          |          |        |
| Hake, Pac. (Whiting). | 0       | 0        | 0     | 0     | 0   | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 0      |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0   | 38     | 0      | 105    | 15        | 0       | 0        | 0        | 158    |
| Lingcod.....          | 0       | 0        | 0     | 0     | 13  | 238    | 378    | 415    | 73        | 67      | 0        | 0        | 1184   |
| Mackerel.....         | 0       | 0        | 0     | 0     | 0   | 0      | 1      | 4      | 3         | 0       | 0        | 0        | 8      |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 29  | 728    | 1439   | 2308   | 299       | 20      | 0        | 0        | 4823   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 34  | 10329  | 22287  | 22750  | 1754      | 1920    | 0        | 0        | 59074  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0   | 90443  | 139736 | 65963  | 5127      | 234     | 0        | 0        | 301503 |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0   | 0      | 0      | 45693  | 6237      | 4523    | 0        | 0        | 56453  |
| CRUSTACEANS:          |         |          |       |       |     |        |        |        |           |         |          |          |        |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0   | 30     | 0      | 0      | 0         | 0       | 0        | 0        | 30     |
| Crab, Dungeness, Oc.. | 1287    | 1577     | 617   | 0     | 0   | 523    | 116    | 153    | 0         | 0       | 0        | 0        | 4273   |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 11     | 19     | 84     | 462       | 0       | 629      | 0        | 1205   |
| TOTAL                 | 1287    | 1577     | 617   |       | 76  | 102340 | 163976 | 137475 | 13970     | 6764    | 629      |          | 428711 |

TABLE 50. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT SILETZ BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|-----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|
| CRUSTACEANS:          |         |          |       |       |     |      |      |        |           |         |          |          |       |
| Shrimp, ghost (sand). | 0       | 0        | 0     | 0     | 0   | 246  | 30   | 313    | 641       | 0       | 0        | 0        | 1230  |
| TOTAL                 |         |          |       |       |     | 246  | 30   | 313    | 641       |         |          |          | 1230  |

TABLE 51. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT DEPOE BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE  | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|------|-------|--------|--------|-----------|---------|----------|----------|--------|
| FISH:                 |         |          |       |       |      |       |        |        |           |         |          |          |        |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0    | 0     | 69     | 0      | 0         | 0       | 0        | 0        | 69     |
| Lingcod.....          | 0       | 0        | 0     | 0     | 0    | 73    | 99     | 29     | 29        | 0       | 0        | 0        | 230    |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 0    | 393   | 417    | 580    | 306       | 0       | 0        | 0        | 1696   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 0    | 5959  | 23962  | 10848  | 1148      | 38      | 0        | 0        | 41955  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0    | 70954 | 90339  | 36419  | 4967      | 0       | 0        | 0        | 202679 |
| Sole, petrale.....    | 0       | 0        | 0     | 0     | 0    | 2     | 0      | 0      | 0         | 0       | 0        | 0        | 2      |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0    | 0     | 1956   | 22945  | 71170     | 0       | 0        | 0        | 96071  |
| CRUSTACEANS:          |         |          |       |       |      |       |        |        |           |         |          |          |        |
| Crab, Dungeness, Oc.. | 997     | 1472     | 1438  | 938   | 1054 | 1471  | 93     | 0      | 0         | 0       | 0        | 0        | 7463   |
| Shrimp, ghost (sand). | 0       | 6        | 27    | 37    | 46   | 17    | 63     | 0      | 7         | 4       | 0        | 0        | 207    |
| TOTAL                 | 997     | 1478     | 1465  | 975   | 1100 | 78869 | 116998 | 70821  | 77627     | 42      |          |          | 350372 |

TABLE 5. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT NEWPORT, 1973.

| SPECIES               | JANUARY       | FEBRUARY      | MARCH         | APRIL          | MAY            | JUNE           | JULY           | AUGUST         | SEPTEMBER      | OCTOBER       | NOVEMBER      | DECEMBER       | TOTAL           |
|-----------------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|-----------------|
| <b>FISH:</b>          |               |               |               |                |                |                |                |                |                |               |               |                |                 |
| Anchovy, northern.... | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 3              | 0             | 0             | 0              | 3               |
| Cod, Pacific.....     | 13            | 0             | 0             | 229            | 1621           | 5417           | 3694           | 497            | 73             | 13            | 202           | 188            | 11947           |
| Flounder, arrowtooth. | 0             | 0             | 174           | 0              | 0              | 0              | 609            | 10             | 89             | 77            | 0             | 0              | 959             |
| Flounder, starry..... | 938           | 559           | 1284          | 3022           | 1695           | 138            | 3901           | 2416           | 3931           | 3961          | 1034          | 441            | 23320           |
| Halibut, Pacific..... | 0             | 0             | 0             | 0              | 383            | 7683           | 26635          | 8534           | 1744           | 0             | 0             | 0              | 44979           |
| Herring, Pacific..... | 70            | 6308          | 2157          | 4628           | 0              | 375            | 24             | 392            | 17             | 0             | 0             | 0              | 13971           |
| Lingcod.....          | 1375          | 824           | 2447          | 2631           | 5093           | 20673          | 25892          | 16541          | 7384           | 11149         | 3813          | 3657           | 101479          |
| Mackerel.....         | 0             | 0             | 0             | 0              | 0              | 0              | 1              | 1              | 0              | 0             | 0             | 0              | 2               |
| Rockfish (misc. spp.) | 12145         | 20308         | 37971         | 17796          | 36316          | 83809          | 91957          | 100932         | 92885          | 121741        | 35984         | 24483          | 676327          |
| Pac. Oc. perch.....   | 12070         | 5637          | 7700          | 13452          | 13214          | 20371          | 14646          | 26226          | 4002           | 22428         | 2771          | 1517           | 144034          |
| Sablefish.....        | 15164         | 3726          | 11857         | 13926          | 18107          | 41548          | 57026          | 61569          | 66766          | 34661         | 7996          | 5789           | 338135          |
| Salmon, chinook.....  | 0             | 0             | 0             | 0              | 6278           | 156900         | 348164         | 295989         | 209970         | 46326         | 3684          | 0              | 1067311         |
| Salmon, coho.....     | 0             | 0             | 0             | 0              | 0              | 299280         | 351381         | 292540         | 15110          | 1139          | 0             | 0              | 959450          |
| Salmon, pink.....     | 0             | 0             | 0             | 0              | 0              | 0              | 3              | 0              | 0              | 0             | 0             | 0              | 3               |
| Sanddab, Pacific..... | 1693          | 379           | 1787          | 593            | 108            | 495            | 129            | 139            | 97             | 3682          | 2540          | 4588           | 16230           |
| Shark, soupfin.....   | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 13            | 0             | 0              | 13              |
| Shark, spiny dogfish. | 2             | 2             | 1             | 0              | 0              | 0              | 0              | 0              | 2              | 0             | 8             | 0              | 15              |
| Skates and Rays.....  | 7             | 5             | 9             | 1              | 0              | 0              | 12             | 0              | 11             | 2             | 105           | 50             | 202             |
| Smelt.....            | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 2              | 5              | 0             | 0             | 0              | 7               |
| Sole, butter.....     | 2261          | 506           | 320           | 122            | 767            | 16             | 86             | 92             | 0              | 379           | 63            | 0              | 4612            |
| Sole, Dover.....      | 2015          | 5030          | 21838         | 32531          | 21263          | 56980          | 26886          | 47397          | 37453          | 48686         | 18728         | 41836          | 360643          |
| Sole, English.....    | 24944         | 8712          | 13021         | 5820           | 5246           | 8918           | 23757          | 22763          | 10416          | 42746         | 34765         | 46759          | 247867          |
| Sole, petrale.....    | 5971          | 8222          | 31073         | 22338          | 22238          | 73970          | 88612          | 26174          | 9155           | 24024         | 9801          | 21335          | 342913          |
| Sole, rex.....        | 1402          | 3456          | 5380          | 2693           | 1088           | 2811           | 4320           | 2821           | 562            | 1992          | 2070          | 3104           | 31689           |
| Sole, rock.....       | 0             | 20            | 542           | 12             | 197            | 1964           | 367            | 174            | 687            | 153           | 18            | 0              | 4134            |
| Sole, sand.....       | 2327          | 864           | 811           | 3429           | 8665           | 2093           | 4687           | 4193           | 4812           | 9339          | 1992          | 3201           | 46413           |
| Sturgeon, green.....  | 22            | 0             | 7             | 0              | 82             | 31             | 3              | 7              | 28             | 9             | 5             | 0              | 194             |
| Sturgeon, white.....  | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0             | 18             | 18              |
| Surfperch.....        | 0             | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0             | 5              | 5               |
| Tuna, albacore.....   | 0             | 256           | 0             | 0              | 0              | 0              | 83509          | 819518         | 618218         | 26830         | 0             | 0              | 1548331         |
| Tuna, skipjack.....   | 0             | 387           | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0             | 0              | 387             |
| Tuna, yellowfin.....  | 0             | 2640          | 0             | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0             | 0              | 2640            |
| Wolf-eel.....         | 2             | 2             | 8             | 13             | 1              | 2              | 5              | 0              | 2              | 1             | 0             | 0              | 36              |
| <b>CRUSTACEANS:</b>   |               |               |               |                |                |                |                |                |                |               |               |                |                 |
| Crab, Dungeness, Bay. | 0             | 0             | 15            | 48             | 666            | 1016           | 33             | 0              | 2              | 213           | 113           | 9              | 2115            |
| Crab, Dungeness, Oc.. | 403588        | 265089        | 153848        | 148183         | 61843          | 61985          | 17234          | 25533          | 12971          | 2             | 0             | 890311         | 2040587         |
| Crab, rock.....       | 0             | 0             | 0             | 0              | 0              | 24             | 0              | 28             | 16             | 9             | 0             | 9              | 86              |
| Shrimp, ghost (sand). | 0             | 0             | 87            | 12             | 31             | 33             | 0              | 0              | 672            | 0             | 0             | 0              | 835             |
| Shrimp, pink.....     | 0             | 0             | 0             | 1013464        | 1065399        | 1136067        | 1024294        | 564252         | 552437         | 88236         | 0             | 0              | 5444169         |
| <b>MOLLUSKS:</b>      |               |               |               |                |                |                |                |                |                |               |               |                |                 |
| Clams, butter.....    | 0             | 0             | 0             | 0              | 0              | 0              | 50             | 0              | 0              | 0             | 0             | 0              | 50              |
| Clams, gaper.....     | 0             | 0             | 0             | 0              | 0              | 0              | 4681           | 8675           | 12012          | 4806          | 0             | 0              | 30174           |
| Octopus.....          | 4             | 40            | 71            | 62             | 14             | 48             | 16             | 10             | 89             | 15            | 0             | 14             | 383             |
| <b>TOTAL</b>          | <b>486013</b> | <b>332972</b> | <b>292408</b> | <b>1285005</b> | <b>1270315</b> | <b>1982667</b> | <b>2202614</b> | <b>2327425</b> | <b>1661621</b> | <b>492622</b> | <b>125692</b> | <b>1047314</b> | <b>13506668</b> |

16

TABLE 53. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT WALDPOR, 1978.

| SPECIES               | JANUARY | FEBRUARY   | MARCH       | APRIL      | MAY        | JUNE       | JULY        | AUGUST     | SEPTEMBER | OCTOBER    | NOVEMBER   | DECEMBER | TOTAL       |
|-----------------------|---------|------------|-------------|------------|------------|------------|-------------|------------|-----------|------------|------------|----------|-------------|
| <b>CRUSTACEANS:</b>   |         |            |             |            |            |            |             |            |           |            |            |          |             |
| Crab, Dungeness, Bay. | 0       | 0          | 0           | 0          | 0          | 0          | 0           | 0          | 0         | 122        | 467        | 0        | 589         |
| Crab, Dungeness, Oc.. | 0       | 0          | 104         | 0          | 0          | 0          | 0           | 0          | 0         | 0          | 0          | 0        | 104         |
| Shrimp, ghost (sand). | 0       | 183        | 928         | 827        | 789        | 709        | 1200        | 782        | 0         | 294        | 0          | 0        | 5712        |
| <b>TOTAL</b>          |         | <b>183</b> | <b>1032</b> | <b>827</b> | <b>789</b> | <b>709</b> | <b>1200</b> | <b>782</b> |           | <b>416</b> | <b>467</b> |          | <b>6405</b> |

TABLE 54. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT FLORENCE, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY  | JUNE  | JULY  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|------|-------|-------|--------|-----------|---------|----------|----------|--------|
| FISH:                 |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0    | 0     | 491   | 0      | 49        | 0       | 0        | 0        | 540    |
| Lingcod.....          | 0       | 0        | 0     | 0     | 0    | 0     | 49    | 0      | 17        | 0       | 0        | 0        | 66     |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 0    | 112   | 595   | 160    | 274       | 0       | 0        | 0        | 1141   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 7    | 11756 | 20983 | 4655   | 8235      | 0       | 0        | 0        | 45636  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0    | 11036 | 21623 | 6622   | 1051      | 0       | 0        | 0        | 40332  |
| Smelt.....            | 0       | 0        | 0     | 0     | 0    | 20    | 10    | 0      | 0         | 0       | 0        | 0        | 30     |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0    | 0     | 0     | 42363  | 11163     | 0       | 0        | 0        | 53526  |
| CRUSTACEANS:          |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0    | 0     | 0     | 0      | 0         | 295     | 0        | 498      | 793    |
| Crab, Dungeness, Oc.. | 789     | 56       | 1658  | 718   | 1725 | 4321  | 4167  | 2617   | 1233      | 0       | 0        | 722      | 18006  |
| MOLLUSKS:             |         |          |       |       |      |       |       |        |           |         |          |          |        |
| Clams, razor.....     | 0       | 0        | 0     | 0     | 0    | 0     | 29    | 0      | 0         | 0       | 0        | 0        | 29     |
| TOTAL                 | 789     | 56       | 1658  | 718   | 1732 | 27245 | 47947 | 56417  | 22022     | 295     |          | 1220     | 160099 |

47

TABLE 55. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT WINCHESTER BAY, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY   | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------|---------|----------|-------|-------|-------|--------|--------|--------|-----------|---------|----------|----------|---------|
| FISH:                 |         |          |       |       |       |        |        |        |           |         |          |          |         |
| Flounder, arrowtooth. | 0       | 0        | 0     | 77    | 0     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 77      |
| Flounder, starry..... | 2       | 17       | 0     | 0     | 0     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 19      |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0     | 0      | 374    | 109    | 0         | 0       | 0        | 0        | 483     |
| Herring, Pacific..... | 0       | 0        | 0     | 0     | 34    | 63     | 121    | 2028   | 151       | 0       | 0        | 0        | 2397    |
| Lingcod.....          | 80      | 0        | 432   | 68    | 33    | 0      | 41     | 76     | 0         | 270     | 428      | 1825     | 3253    |
| Rockfish (misc. spp.) | 0       | 663      | 259   | 120   | 649   | 1824   | 1091   | 3038   | 1888      | 1643    | 1238     | 458      | 12871   |
| Pac. Oc. perch.....   | 0       | 563      | 178   | 73    | 86    | 0      | 0      | 0      | 0         | 1187    | 1489     | 176      | 3752    |
| Sablefish.....        | 0       | 50       | 155   | 12    | 18    | 0      | 0      | 1768   | 5829      | 1713    | 1773     | 39       | 11357   |
| Salmon, chinook.....  | 0       | 0        | 0     | 246   | 1667  | 20022  | 62845  | 44169  | 3275      | 174     | 0        | 0        | 132398  |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0     | 186757 | 138302 | 52180  | 8303      | 310     | 0        | 0        | 385852  |
| Sanddab, Pacific..... | 21      | 24       | 303   | 0     | 3     | 0      | 0      | 0      | 0         | 128     | 0        | 0        | 479     |
| Shad, American.....   | 0       | 0        | 0     | 272   | 22506 | 23734  | 0      | 0      | 0         | 0       | 0        | 0        | 46512   |
| Smelt.....            | 0       | 0        | 0     | 0     | 0     | 0      | 0      | 5      | 0         | 0       | 0        | 0        | 5       |
| Sole, Dover.....      | 0       | 1066     | 6592  | 1374  | 81    | 0      | 0      | 5927   | 11112     | 28088   | 15691    | 9518     | 79449   |
| Sole, English.....    | 96      | 768      | 1117  | 21    | 3     | 0      | 0      | 100    | 0         | 519     | 0        | 472      | 3096    |
| Sole, petrale.....    | 0       | 4515     | 5136  | 694   | 8     | 0      | 0      | 345    | 133       | 6292    | 5872     | 1824     | 24819   |
| Sole, rex.....        | 0       | 0        | 475   | 42    | 10    | 0      | 0      | 0      | 0         | 398     | 118      | 0        | 1043    |
| Sole, sand.....       | 82      | 59       | 0     | 0     | 0     | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 141     |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0     | 0      | 17210  | 95540  | 25409     | 0       | 0        | 0        | 138159  |
| Miscellaneous.....    | 0       | 0        | 0     | 0     | 0     | 0      | 5      | 0      | 0         | 0       | 0        | 0        | 5       |
| CRUSTACEANS:          |         |          |       |       |       |        |        |        |           |         |          |          |         |
| Crab, Dungeness, Bay. | 0       | 276      | 0     | 100   | 0     | 0      | 0      | 0      | 0         | 409     | 1076     | 0        | 1861    |
| Crab, Dungeness, Oc.. | 85481   | 41295    | 35939 | 33113 | 3805  | 1923   | 1059   | 3284   | 1560      | 0       | 168      | 377926   | 585553  |
| Shrimp, ghost (sand)  | 4       | 0        | 22    | 3     | 13    | 31     | 32     | 3      | 0         | 0       | 0        | 0        | 122     |
| Shrimp, pink.....     | 0       | 0        | 0     | 31600 | 47301 | 22729  | 0      | 69917  | 44557     | 7501    | 0        | 0        | 223605  |
| MOLLUSKS:             |         |          |       |       |       |        |        |        |           |         |          |          |         |
| Mussels.....          | 0       | 0        | 0     | 18    | 43    | 0      | 0      | 0      | 0         | 0       | 0        | 0        | 61      |
| TOTAL                 | 85766   | 49305    | 50608 | 67838 | 76260 | 257083 | 221080 | 278489 | 102217    | 48632   | 27853    | 392238   | 1657369 |

TABLE 56. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT COOS BAY, 1978.

| SPECIES               | JANUARY       | FEBRUARY      | MARCH         | APRIL         | MAY           | JUNE           | JULY           | AUGUST         | SEPTEMBER     | OCTOBER       | NOVEMBER      | DECEMBER       | TOTAL           |
|-----------------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|-----------------|
| <b>FISH:</b>          |               |               |               |               |               |                |                |                |               |               |               |                |                 |
| Cod, Pacific.....     | 179           | 0             | 0             | 100           | 829           | 0              | 337            | 96             | 0             | 0             | 127           | 0              | 1658            |
| Flounder, arrowtooth. | 0             | 1232          | 357           | 501           | 0             | 641            | 1537           | 2521           | 2021          | 711           | 16            | 402            | 9939            |
| Flounder, starry..... | 5888          | 9503          | 2897          | 38            | 0             | 84             | 771            | 12             | 9             | 109           | 19            | 5377           | 24707           |
| Hake, Pac. (Whiting). | 0             | 0             | 0             | 0             | 0             | 0              | 1569           | 161            | 0             | 0             | 0             | 0              | 1730            |
| Halibut, Pacific..... | 0             | 0             | 0             | 0             | 0             | 0              | 474            | 597            | 711           | 0             | 0             | 0              | 1782            |
| Lingcod.....          | 918           | 673           | 2480          | 3147          | 2231          | 2379           | 2684           | 1744           | 2713          | 2208          | 1184          | 1853           | 24214           |
| Mackerel.....         | 0             | 0             | 0             | 0             | 0             | 0              | 0              | 3              | 10            | 30            | 0             | 0              | 43              |
| Rockfish (misc. spp.) | 15092         | 9201          | 53955         | 16288         | 17592         | 37233          | 38326          | 35698          | 37900         | 36541         | 54114         | 8580           | 360520          |
| Pac. Oc. perch.....   | 9055          | 5205          | 5398          | 1632          | 2526          | 7310           | 2656           | 2128           | 130           | 1079          | 1319          | 5934           | 44372           |
| Sablefish.....        | 17948         | 1322          | 1852          | 6368          | 19173         | 29803          | 43611          | 51675          | 148675        | 74286         | 44808         | 14346          | 453867          |
| Salmon, chinook.....  | 0             | 0             | 0             | 0             | 14533         | 158907         | 298718         | 159966         | 49175         | 6622          | 4927          | 0              | 692848          |
| Salmon, coho.....     | 0             | 0             | 0             | 0             | 0             | 462175         | 276930         | 85067          | 5583          | 668           | 0             | 0              | 830423          |
| Sanddab, Pacific..... | 1652          | 88            | 1442          | 241           | 225           | 399            | 928            | 1988           | 301           | 367           | 1139          | 167            | 9937            |
| Shad, American.....   | 0             | 0             | 0             | 4             | 2618          | 1528           | 0              | 0              | 0             | 0             | 0             | 0              | 4150            |
| Shark, soupfin.....   | 81            | 10            | 19            | 0             | 0             | 0              | 8              | 0              | 0             | 0             | 6             | 18             | 142             |
| Skates and Rays.....  | 0             | 0             | 203           | 0             | 0             | 0              | 0              | 0              | 65            | 699           | 84            | 0              | 1051            |
| Sole, butter.....     | 24            | 79            | 39            | 0             | 0             | 0              | 0              | 0              | 0             | 0             | 0             | 0              | 142             |
| Sole, curlfin(turbot) | 0             | 0             | 600           | 46            | 27            | 272            | 304            | 90             | 4             | 0             | 0             | 0              | 1343            |
| Sole, Dover.....      | 10683         | 4959          | 20978         | 33298         | 18010         | 77748          | 40850          | 60496          | 52163         | 121319        | 62697         | 32439          | 535640          |
| Sole, English.....    | 4890          | 2066          | 3989          | 1821          | 1152          | 2207           | 6414           | 1986           | 2644          | 6462          | 6521          | 1856           | 42008           |
| Sole, flathead.....   | 996           | 790           | 1109          | 119           | 21            | 210            | 363            | 258            | 293           | 37            | 0             | 458            | 4654            |
| Sole, petrale.....    | 33504         | 16845         | 27121         | 10358         | 4484          | 7169           | 10744          | 14064          | 12074         | 18958         | 36540         | 23550          | 215411          |
| Sole, rex.....        | 5710          | 4094          | 8331          | 1824          | 493           | 3031           | 2963           | 1422           | 1962          | 6411          | 9968          | 3072           | 49281           |
| Sole, rock.....       | 0             | 0             | 0             | 7             | 0             | 0              | 0              | 0              | 0             | 2             | 0             | 0              | 9               |
| Sole, sand.....       | 1634          | 1658          | 1914          | 507           | 25            | 978            | 5002           | 11             | 331           | 560           | 288           | 1065           | 13973           |
| Sole, miscellaneous.. | 0             | 1623          | 200           | 0             | 0             | 0              | 0              | 0              | 931           | 0             | 0             | 475            | 3229            |
| Sturgeon, green.....  | 0             | 104           | 79            | 0             | 0             | 0              | 4              | 0              | 0             | 0             | 0             | 0              | 187             |
| Tuna, albacore.....   | 0             | 0             | 0             | 0             | 0             | 0              | 272739         | 1397730        | 246521        | 3097          | 0             | 0              | 1920087         |
| Wolf-eel.....         | 0             | 0             | 0             | 0             | 0             | 0              | 27             | 0              | 4             | 0             | 0             | 0              | 31              |
| <b>CRUSTACEANS:</b>   |               |               |               |               |               |                |                |                |               |               |               |                |                 |
| Crab, Dungeness, Bay. | 166           | 490           | 1991          | 466           | 0             | 56             | 662            | 0              | 53            | 2509          | 10937         | 4202           | 21532           |
| Crab, Dungeness, Oc.. | 314774        | 131001        | 109971        | 71858         | 19890         | 10372          | 4864           | 6895           | 24387         | 0             | 1485          | 1248524        | 1944021         |
| Shrimp, ghost (sand). | 0             | 0             | 0             | 0             | 0             | 65             | 0              | 0              | 0             | 0             | 0             | 0              | 65              |
| Shrimp, pink.....     | 0             | 0             | 0             | 731301        | 894349        | 1138970        | 837024         | 551649         | 341523        | 57273         | 0             | 0              | 4552089         |
| <b>MOLLUSKS:</b>      |               |               |               |               |               |                |                |                |               |               |               |                |                 |
| Clams, cockle.....    | 0             | 0             | 0             | 264           | 426           | 396            | 54             | 0              | 0             | 0             | 0             | 0              | 1140            |
| Clams, gaper.....     | 0             | 0             | 0             | 0             | 0             | 0              | 7              | 0              | 0             | 7443          | 2549          | 0              | 9999            |
| Octopus.....          | 0             | 37            | 76            | 18            | 0             | 33             | 0              | 28             | 10            | 17            | 16            | 88             | 323             |
| <b>TOTAL</b>          | <b>423194</b> | <b>190980</b> | <b>245001</b> | <b>880206</b> | <b>998604</b> | <b>1941966</b> | <b>1850570</b> | <b>2376275</b> | <b>930193</b> | <b>347408</b> | <b>238744</b> | <b>1352406</b> | <b>11775547</b> |

TABLE 57. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT BANDON, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE  | JULY  | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL  |
|-----------------------|---------|----------|-------|-------|-----|-------|-------|--------|-----------|---------|----------|----------|--------|
| FISH:                 |         |          |       |       |     |       |       |        |           |         |          |          |        |
| Halibut, Pacific..... | 0       | 0        | 0     | 0     | 0   | 0     | 0     | 0      | 56        | 0       | 0        | 0        | 56     |
| Lingcod.....          | 0       | 0        | 0     | 0     | 0   | 98    | 141   | 299    | 80        | 54      | 0        | 0        | 672    |
| Mackerel.....         | 0       | 0        | 0     | 0     | 0   | 4     | 13    | 0      | 0         | 0       | 0        | 0        | 17     |
| Rockfish (misc. spp.) | 0       | 0        | 0     | 0     | 0   | 765   | 1729  | 2119   | 1237      | 1154    | 0        | 0        | 7004   |
| Salmon, chinook.....  | 0       | 0        | 0     | 0     | 0   | 22787 | 50337 | 45870  | 27986     | 181     | 0        | 0        | 147161 |
| Salmon, coho.....     | 0       | 0        | 0     | 0     | 0   | 43039 | 44376 | 5894   | 494       | 30      | 0        | 0        | 93833  |
| Salmon, pink.....     | 0       | 0        | 0     | 0     | 0   | 0     | 0     | 4      | 0         | 0       | 0        | 0        | 4      |
| Tuna, albacore.....   | 0       | 0        | 0     | 0     | 0   | 0     | 1296  | 30393  | 29640     | 0       | 0        | 0        | 61329  |
| CRUSTACEANS:          |         |          |       |       |     |       |       |        |           |         |          |          |        |
| Crab, Dungeness, Bay. | 0       | 0        | 0     | 0     | 0   | 0     | 67    | 0      | 579       | 0       | 0        | 0        | 646    |
| Crab, Dungeness, Oc.. | 428     | 0        | 0     | 0     | 0   | 589   | 624   | 161    | 568       | 0       | 0        | 52893    | 55263  |
| Shrimp, pink.....     | 0       | 0        | 0     | 0     | 576 | 2296  | 0     | 0      | 0         | 0       | 0        | 0        | 2872   |
| TOTAL                 | 428     |          |       |       | 576 | 69578 | 98583 | 84740  | 60640     | 1419    |          | 52393    | 368857 |

49

TABLE 58. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT PORT ORFORD, 1978.

| SPECIES               | JANUARY | FEBRUARY | MARCH | APRIL  | MAY   | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL   |
|-----------------------|---------|----------|-------|--------|-------|--------|--------|--------|-----------|---------|----------|----------|---------|
| FISH:                 |         |          |       |        |       |        |        |        |           |         |          |          |         |
| Halibut, Pacific..... | 0       | 0        | 0     | 0      | 0     | 0      | 2      | 95     | 7         | 0       | 0        | 0        | 104     |
| Herring, Pacific..... | 0       | 0        | 0     | 0      | 0     | 105    | 0      | 0      | 0         | 0       | 0        | 0        | 105     |
| Lingcod.....          | 171     | 485      | 3463  | 838    | 218   | 312    | 151    | 1516   | 3433      | 2925    | 633      | 0        | 14145   |
| Rockfish (misc. spp.) | 85      | 181      | 1330  | 1190   | 402   | 3478   | 2034   | 7394   | 11356     | 3944    | 1551     | 0        | 32945   |
| Pac. Oc. perch.....   | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 0      | 2470      | 0       | 0        | 0        | 2470    |
| Sablefish.....        | 0       | 0        | 0     | 0      | 1436  | 14032  | 14410  | 30307  | 52578     | 66101   | 3816     | 0        | 182680  |
| Salmon, chinook.....  | 0       | 0        | 0     | 0      | 170   | 77539  | 65367  | 59564  | 44547     | 63552   | 49263    | 0        | 360002  |
| Salmon, coho.....     | 0       | 0        | 0     | 0      | 0     | 59249  | 42966  | 46333  | 8301      | 579     | 6        | 0        | 157434  |
| Salmon, pink.....     | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 5      | 0         | 0       | 0        | 0        | 5       |
| Sanddab, Pacific..... | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 45     | 0         | 0       | 0        | 0        | 45      |
| Sole, Dover.....      | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 8215   | 8699      | 0       | 1332     | 0        | 18246   |
| Sole, English.....    | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 492    | 21        | 0       | 0        | 0        | 513     |
| Sole, petrale.....    | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 3932   | 274       | 0       | 743      | 0        | 4949    |
| Sole, rex.....        | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 581    | 1063      | 0       | 353      | 0        | 1997    |
| Tuna, albacore.....   | 0       | 0        | 0     | 0      | 0     | 0      | 0      | 1502   | 0         | 0       | 0        | 0        | 1502    |
| CRUSTACEANS:          |         |          |       |        |       |        |        |        |           |         |          |          |         |
| Crab, Dungeness, Oc.. | 101126  | 69272    | 51273 | 58298  | 8711  | 336    | 45     | 0      | 0         | 0       | 0        | 543127   | 832188  |
| Shrimp, pink.....     | 0       | 0        | 0     | 39983  | 33714 | 41965  | 21204  | 26345  | 7481      | 0       | 0        | 0        | 170692  |
| MOLLUSKS:             |         |          |       |        |       |        |        |        |           |         |          |          |         |
| Octopus.....          | 46      | 7        | 5     | 0      | 0     | 0      | 0      | 0      | 0         | 0       | 0        | 727      | 785     |
| TOTAL                 | 101428  | 69945    | 56071 | 100309 | 44651 | 197016 | 146179 | 186326 | 140230    | 137101  | 57697    | 543854   | 1780807 |

TABLE 5. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT GOLD BEACH, 1978.

| SPECIES               | JANUARY      | FEBRUARY | MARCH       | APRIL       | MAY       | JUNE         | JULY         | AUGUST        | SEPTEMBER    | OCTOBER     | NOVEMBER | DECEMBER | TOTAL         |
|-----------------------|--------------|----------|-------------|-------------|-----------|--------------|--------------|---------------|--------------|-------------|----------|----------|---------------|
| <b>FISH:</b>          |              |          |             |             |           |              |              |               |              |             |          |          |               |
| Halibut, Pacific..... | 0            | 0        | 0           | 0           | 0         | 0            | 0            | 2             | 0            | 0           | 0        | 0        | 2             |
| Lingcod.....          | 0            | 0        | 0           | 0           | 5         | 20           | 186          | 281           | 167          | 0           | 0        | 0        | 659           |
| Rockfish (misc. spp.) | 0            | 0        | 0           | 0           | 0         | 138          | 802          | 2330          | 1672         | 17          | 0        | 0        | 4959          |
| Sablefish.....        | 0            | 0        | 0           | 0           | 0         | 8            | 0            | 0             | 2            | 0           | 0        | 0        | 10            |
| Salmon, chinook.....  | 0            | 0        | 0           | 0           | 11        | 17022        | 55381        | 112541        | 63453        | 1238        | 0        | 0        | 249646        |
| Salmon, coho.....     | 0            | 0        | 0           | 0           | 0         | 28441        | 23586        | 14869         | 4538         | 49          | 0        | 0        | 71483         |
| Sole, Dover.....      | 0            | 0        | 0           | 0           | 0         | 0            | 0            | 0             | 0            | 0           | 0        | 0        | 0             |
| Sole, petrale.....    | 0            | 0        | 0           | 0           | 0         | 0            | 1            | 7             | 0            | 0           | 0        | 0        | 8             |
| Tuna, albacore.....   | 0            | 0        | 0           | 0           | 0         | 0            | 2264         | 5633          | 102          | 0           | 0        | 0        | 7999          |
| <b>CRUSTACEANS:</b>   |              |          |             |             |           |              |              |               |              |             |          |          |               |
| Crab, Dungeness, Bay. | 0            | 0        | 538         | 349         | 0         | 0            | 0            | 0             | 0            | 0           | 0        | 0        | 887           |
| Crab, Dungeness, Oc.. | 11463        | 0        | 1401        | 3008        | 0         | 0            | 0            | 0             | 0            | 0           | 0        | 0        | 15872         |
| <b>TOTAL</b>          | <b>11463</b> | <b>0</b> | <b>1939</b> | <b>3357</b> | <b>16</b> | <b>45629</b> | <b>82220</b> | <b>135663</b> | <b>69934</b> | <b>1304</b> | <b>0</b> | <b>0</b> | <b>351525</b> |

TABLE 60. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FOOD FISH LANDINGS AT BROOKINGS, 1978.

| SPECIES               | JANUARY       | FEBRUARY      | MARCH        | APRIL         | MAY           | JUNE          | JULY          | AUGUST        | SEPTEMBER     | OCTOBER       | NOVEMBER      | DECEMBER       | TOTAL          |
|-----------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| <b>FISH:</b>          |               |               |              |               |               |               |               |               |               |               |               |                |                |
| Flounder, arrowtooth. | 0             | 0             | 0            | 25            | 206           | 332           | 456           | 374           | 206           | 633           | 197           | 76             | 2505           |
| Flounder, starry..... | 174           | 192           | 272          | 31            | 5             | 282           | 168           | 313           | 49            | 601           | 651           | 372            | 3110           |
| Hake, Pac. (Whiting). | 0             | 0             | 0            | 0             | 0             | 46            | 0             | 11            | 7             | 0             | 0             | 0              | 64             |
| Halibut, Pacific..... | 0             | 0             | 0            | 0             | 0             | 0             | 0             | 0             | 4             | 0             | 0             | 0              | 4              |
| Lingcod.....          | 64            | 28            | 138          | 406           | 470           | 917           | 1636          | 1483          | 607           | 2892          | 2014          | 724            | 11379          |
| Mackerel.....         | 0             | 0             | 0            | 0             | 0             | 0             | 1             | 0             | 0             | 0             | 0             | 0              | 1              |
| Rockfish (misc. spp.) | 1209          | 1972          | 4183         | 2946          | 8900          | 23618         | 19988         | 30789         | 11969         | 12297         | 28999         | 51145          | 198015         |
| Pac. Oc. perch.....   | 0             | 0             | 0            | 52            | 74            | 18            | 353           | 559           | 21            | 131           | 166           | 132            | 1506           |
| Sablefish.....        | 23            | 0             | 0            | 17            | 88            | 296           | 1059          | 4538          | 1967          | 3361          | 12292         | 3142           | 26783          |
| Salmon, chinook.....  | 0             | 0             | 0            | 0             | 9769          | 53769         | 29480         | 24988         | 56863         | 63368         | 81894         | 0              | 320131         |
| Salmon, coho.....     | 0             | 0             | 0            | 0             | 0             | 57072         | 48435         | 10641         | 4244          | 948           | 6             | 0              | 121346         |
| Sanddab, Pacific..... | 162           | 126           | 117          | 124           | 53            | 55            | 24            | 22            | 0             | 118           | 346           | 106            | 1253           |
| Shark, soupfin.....   | 56            | 0             | 0            | 0             | 0             | 0             | 0             | 0             | 12            | 38            | 20            | 46             | 172            |
| Skates and Rays.....  | 0             | 0             | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 11            | 47            | 0              | 58             |
| Smelt.....            | 0             | 0             | 0            | 0             | 0             | 0             | 338           | 281           | 0             | 0             | 0             | 0              | 619            |
| Sole, butter.....     | 882           | 1074          | 866          | 41            | 0             | 276           | 185           | 662           | 50            | 603           | 1312          | 711            | 6662           |
| Sole, curlfin(turbot) | 0             | 0             | 61           | 0             | 0             | 0             | 0             | 41            | 0             | 67            | 0             | 0              | 169            |
| Sole, Dover.....      | 0             | 0             | 117          | 1347          | 2952          | 7427          | 7775          | 11290         | 7157          | 25792         | 10048         | 12964          | 86869          |
| Sole, English.....    | 1078          | 1217          | 3907         | 991           | 2362          | 2159          | 1720          | 1901          | 588           | 12732         | 8455          | 3584           | 40694          |
| Sole, petrale.....    | 435           | 181           | 1152         | 489           | 930           | 716           | 890           | 895           | 432           | 4424          | 1961          | 3044           | 15549          |
| Sole, rex.....        | 76            | 26            | 337          | 172           | 284           | 362           | 359           | 569           | 254           | 3450          | 1798          | 1383           | 9070           |
| Sole, sand.....       | 2544          | 2416          | 3791         | 189           | 16            | 168           | 144           | 294           | 0             | 2149          | 2517          | 1415           | 15643          |
| Sole, miscellaneous.. | 0             | 5             | 0            | 50            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0              | 55             |
| Tuna, albacore.....   | 0             | 0             | 0            | 0             | 0             | 0             | 38459         | 57622         | 4035          | 401           | 0             | 0              | 100517         |
| <b>CRUSTACEANS:</b>   |               |               |              |               |               |               |               |               |               |               |               |                |                |
| Crab, Dungeness, Oc.. | 185135        | 128836        | 81538        | 49717         | 5972          | 2732          | 1382          | 14266         | 26708         | 0             | 0             | 990576         | 1486862        |
| Shrimp, pink.....     | 0             | 0             | 0            | 247333        | 338125        | 301639        | 258534        | 215273        | 259771        | 82234         | 0             | 0              | 1702909        |
| <b>MOLLUSKS:</b>      |               |               |              |               |               |               |               |               |               |               |               |                |                |
| Octopus.....          | 517           | 387           | 689          | 164           | 145           | 93            | 167           | 90            | 79            | 660           | 840           | 1038           | 4869           |
| <b>TOTAL</b>          | <b>192355</b> | <b>136460</b> | <b>97168</b> | <b>304094</b> | <b>370351</b> | <b>451977</b> | <b>411553</b> | <b>376902</b> | <b>375023</b> | <b>216910</b> | <b>153563</b> | <b>1070458</b> | <b>4156814</b> |

Table 61. Oregon oyster production (gallons), 1969-78.

| Bay/ species         | 1969  | 1970  | 1971  | 1972  | 1973  | 1974  | 1975  | 1976  | 1977         | 1978         |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|--------------|
| <u>Tillamook Bay</u> |       |       |       |       |       |       |       |       |              |              |
| Kumomoto oyster...   | 1224  | 1040  | 1660  | 2062  | 1769  | 4089  | 1842  | 2212  | 665          | 0            |
| Pacific oyster....   | 53991 | 26609 | 28232 | 14466 | 14030 | 16407 | 15926 | 12559 | 20678        | 20166        |
| <u>Netarts Bay</u>   |       |       |       |       |       |       |       |       |              |              |
| Pacific oyster....   | --    | 14    | --    | --    | --    | 61    | 9     | --    | 20           | 16           |
| <u>Yaquina Bay</u>   |       |       |       |       |       |       |       |       |              |              |
| Kumomoto oyster...   | 721   | 469   | 1496  | 1517  | 1522  | 1708  | 1038  | 986   | 728          | 477          |
| Pacific oyster....   | 3104  | 4868  | 3366  | 2861  | 5466  | 5080  | 6245  | 3938  | 5725         | 6214         |
| Native oyster.....   | 167   | 95    | 83    | 193   | 359   | 105   | 6     | 3     | 17 <u>1/</u> | 77 <u>2/</u> |
| <u>Coos Bay</u>      |       |       |       |       |       |       |       |       |              |              |
| Pacific oyster....   | 939   | 1969  | 26    | 866   | 1613  | 1741  | 1576  | 1068  | 1384         | 3196         |
| TOTAL                | 60146 | 35064 | 34863 | 21965 | 24759 | 29191 | 26642 | 20766 | 29217        | 30146        |

1/ Includes 16 gallons of Eastern oysters.

2/ Eastern oysters.

Table 62. Number and pounds of salmon harvested by Oregon private salmon hatcheries, 1978. 1/

| Species        | March | April | May | June | July | August | September | October | November | December | January | February | Total |
|----------------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|
| <u>Chinook</u> |       |       |     |      |      |        |           |         |          |          |         |          |       |
| Number..       | --    | --    | --  | 3    | --   | 2      | 162       | 35      | 10       | 24       | 8       | --       | 244   |
| Pounds..       | --    | --    | --  | 39   | --   | 23     | 3288      | 174     | 52       | 303      | 96      | --       | 3975  |
| <u>Coho</u>    |       |       |     |      |      |        |           |         |          |          |         |          |       |
| Number..       | --    | --    | --  | --   | --   | 20     | 4808      | 4032    | 3412     | 2138     | 216     | --       | 14626 |
| Pounds..       | --    | --    | --  | --   | --   | 60     | 15209     | 15754   | 13167    | 9211     | 1238    | --       | 54639 |
| <u>Chum</u>    |       |       |     |      |      |        |           |         |          |          |         |          |       |
| Number..       | --    | --    | --  | --   | --   | --     | --        | 173     | 115      | 248      | 3       | --       | 539   |
| Pounds..       | --    | --    | --  | --   | --   | --     | --        | 1557    | 1050     | 2199     | 35      | --       | 4841  |
| TOTAL          |       |       |     |      |      |        |           |         |          |          |         |          |       |
| Number..       | --    | --    | --  | 3    | --   | 22     | 4970      | 4240    | 3537     | 2410     | 227     | --       | 15409 |
| Pounds..       | --    | --    | --  | 39   | --   | 83     | 18497     | 17485   | 14269    | 11713    | 1369    | --       | 63455 |

1/ Harvest reported from March through February of the following year.



Lubeas

Commercial Food Fish Landings in Pounds Round Weight by State of Oregon  
Administrative District for Calendar Year 1978

| District            | Salmon <sup>1/</sup> |                  |           | Steel-<br>head | Sturgeon   |               | Shad          | Smelt          | Crab           | Clams        | Shrimp            | Tuna <sup>2/</sup> | Ground-<br>fish   | Oysters <sup>3/</sup> | Misc <sup>4/</sup> | Total          |                |                    |
|---------------------|----------------------|------------------|-----------|----------------|------------|---------------|---------------|----------------|----------------|--------------|-------------------|--------------------|-------------------|-----------------------|--------------------|----------------|----------------|--------------------|
|                     | Chinook              | Coho             | eye       |                | Chum       | Pink          |               |                |                |              |                   |                    |                   |                       |                    |                | Green          | White              |
| <u>District 1</u>   |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| Col. River          |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| (Zones 1-2-7)       | 1,591,781            | 636,095          | 16        | 9,951          | -          | 29            | 31,125        | 97,138         | 11,053         | 70           | -                 | -                  | -                 | 127,512               | -                  | 701            | 2,505,471      |                    |
| Astoria             | 193,990              | 266,887          | -         | 74             | 270        | -             | 2,104         | 65             | -              | -            | 2,542,671         | 41,418             | 7,528,946         | 12,424,649            | 14,852,546         | -              | 2,242          | 37,855,862         |
| Nehalem Bay         | -                    | -                | -         | -              | -          | -             | -             | -              | -              | -            | -                 | -                  | -                 | -                     | -                  | -              | 68             | 68                 |
| Tillamook           | 71,022               | 210,643          | -         | -              | -          | -             | -             | -              | -              | -            | 848,137           | 2,917              | 3,154,794         | 300,781               | 479,959            | 161,328        | 39,855         | 5,269,436          |
| Netarts Bay         | -                    | -                | -         | -              | -          | -             | -             | -              | -              | -            | -                 | -                  | -                 | -                     | -                  | 128            | 206            | 334                |
| Pacific City        | 34,485               | 251,001          | -         | -              | -          | -             | -             | -              | -              | -            | 5,737             | -                  | -                 | 94,105                | 27,272             | -              | 2,491          | 415,091            |
| <u>Total</u>        | <u>1,891,278</u>     | <u>1,364,626</u> | <u>16</u> | <u>10,025</u>  | <u>270</u> | <u>29</u>     | <u>33,229</u> | <u>97,203</u>  | <u>11,053</u>  | <u>70</u>    | <u>3,396,545</u>  | <u>44,335</u>      | <u>10,683,740</u> | <u>12,819,535</u>     | <u>15,487,289</u>  | <u>161,456</u> | <u>45,563</u>  | <u>46,046,262</u>  |
| <u>District 2</u>   |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| Col. River          |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| (Zones 3-4-5)       | 330,392              | 302,883          | -         | 3,061          | -          | -             | 272           | 68,357         | 407,839        | -            | -                 | -                  | -                 | -                     | 27                 | -              | 19,675         | 1,132,506          |
| <u>District 4</u>   |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| Siletz              | -                    | -                | -         | -              | -          | -             | -             | -              | -              | -            | -                 | -                  | -                 | -                     | -                  | -              | 2,189          | 2,189              |
| Depoe Bay           | 25,575               | 177,114          | -         | -              | -          | -             | -             | -              | -              | -            | 10,201            | -                  | -                 | 160,929               | 10,486             | -              | 737            | 385,042            |
| Newport             | 629,863              | 817,939          | -         | -              | 5          | -             | 1,024         | 70             | -              | 680          | 2,679,577         | 172,414            | 20,730,187        | 2,524,771             | 10,764,146         | 54,144         | 102,827        | 38,477,647         |
| Waldport            | -                    | -                | -         | -              | -          | -             | -             | -              | -              | -            | 721               | -                  | -                 | -                     | -                  | -              | 9,521          | 10,242             |
| <u>Total</u>        | <u>655,438</u>       | <u>995,053</u>   | <u>-</u>  | <u>-</u>       | <u>5</u>   | <u>-</u>      | <u>1,024</u>  | <u>70</u>      | <u>-</u>       | <u>680</u>   | <u>2,690,499</u>  | <u>172,414</u>     | <u>20,730,187</u> | <u>2,685,700</u>      | <u>10,774,632</u>  | <u>54,144</u>  | <u>115,274</u> | <u>38,875,120</u>  |
| <u>District 5</u>   |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| Florence            | 27,851               | 34,688           | -         | -              | -          | -             | -             | -              | -              | 120          | 19,523            | 25                 | -                 | 88,666                | 6,129              | -              | -              | 177,022            |
| <u>District 6</u>   |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| Winchester Bay      | 86,159               | 334,771          | -         | -              | -          | -             | -             | -              | 218,153        | 49           | 753,300           | -                  | 850,864           | 230,548               | 686,089            | -              | 36,420         | 3,196,353          |
| <u>District 7</u>   |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| Coos                | 453,906              | 718,292          | -         | -              | -          | -             | 470           | -              | 15,822         | -            | 2,556,926         | 39,712             | 17,280,004        | 2,284,082             | 7,212,560          | 25,568         | 1,515          | 30,588,857         |
| Bandon              | 98,021               | 80,969           | -         | -              | 3          | -             | -             | -              | -              | -            | 70,728            | -                  | 11,179            | 103,185               | 38,349             | -              | 64             | 402,498            |
| Port Orford         | 225,217              | 136,078          | -         | -              | 3          | -             | -             | -              | -              | -            | 1,062,602         | -                  | 651,489           | 2,516                 | 838,983            | -              | 2,316          | 2,919,204          |
| Gold Beach          | 146,547              | 61,023           | -         | -              | -          | -             | -             | -              | -              | -            | 21,898            | -                  | -                 | 13,558                | 29,187             | -              | -              | 272,213            |
| Brookings           | 188,471              | 106,858          | -         | -              | -          | -             | -             | -              | -              | 6,181        | 1,930,116         | -                  | 6,458,646         | 169,883               | 1,982,963          | -              | 12,443         | 10,855,561         |
| <u>Total</u>        | <u>1,112,162</u>     | <u>1,103,220</u> | <u>-</u>  | <u>-</u>       | <u>6</u>   | <u>-</u>      | <u>470</u>    | <u>-</u>       | <u>15,822</u>  | <u>6,181</u> | <u>5,642,270</u>  | <u>39,712</u>      | <u>24,401,318</u> | <u>2,573,224</u>      | <u>10,102,042</u>  | <u>25,568</u>  | <u>16,338</u>  | <u>45,038,333</u>  |
| <u>District 9</u>   |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| Col. River          |                      |                  |           |                |            |               |               |                |                |              |                   |                    |                   |                       |                    |                |                |                    |
| (Zones 6-8-9)       | 440,154              | 12,800           | 34        | -              | -          | 74,871        | -             | 15,589         | 18,731         | -            | -                 | -                  | -                 | -                     | -                  | -              | -              | 562,179            |
| <u>Total Col.R.</u> | <u>2,362,327</u>     | <u>951,778</u>   | <u>50</u> | <u>13,012</u>  | <u>-</u>   | <u>74,900</u> | <u>31,397</u> | <u>181,084</u> | <u>437,623</u> | <u>70</u>    | <u>-</u>          | <u>-</u>           | <u>-</u>          | <u>-</u>              | <u>127,539</u>     | <u>-</u>       | <u>20,376</u>  | <u>4,200,156</u>   |
| <u>Total Ocean</u>  | <u>2,181,107</u>     | <u>3,196,263</u> | <u>-</u>  | <u>74</u>      | <u>281</u> | <u>-</u>      | <u>3,598</u>  | <u>135</u>     | <u>233,975</u> | <u>7,030</u> | <u>12,502,137</u> | <u>256,486</u>     | <u>56,666,109</u> | <u>18,397,673</u>     | <u>36,928,669</u>  | <u>241,168</u> | <u>212,894</u> | <u>130,827,599</u> |
| <u>GRAND TOTAL</u>  | <u>4,543,434</u>     | <u>4,148,041</u> | <u>50</u> | <u>13,086</u>  | <u>281</u> | <u>74,900</u> | <u>34,995</u> | <u>181,219</u> | <u>671,598</u> | <u>7,100</u> | <u>12,502,137</u> | <u>256,486</u>     | <u>56,666,109</u> | <u>18,397,673</u>     | <u>37,056,208</u>  | <u>241,168</u> | <u>233,270</u> | <u>135,027,755</u> |

1/ Chinook, coho and pink salmon are landed at ocean ports in dressed form. Conversion to pounds round weight was made by multiplying dressed weight by a factor of 1.15.  
 2/ Includes 11,285,419 pounds albacore, 7,112,254 pounds of other tuna species.  
 3/ Oyster harvest is reported in gallons and converted to pounds by multiplying by a factor of 8.0.  
 4/ Miscellaneous includes landings of crayfish, sand shrimp, herring, mackerel, eel, octopus, anchovies, mussels, and surf perch.

Estimated Value in Thousands of Dollars at Fishermen's Level of Commercial Food Fish Landings  
by State of Oregon Administrative District for Calendar Year 1978

|                             | Salmon         |                |              |             |             | Steel-<br>head | Sturgeon    |              | Shad         | Smelt       | Crabs          | Clams       | Shrimp          | Tuna <sup>1/</sup> | Ground-<br>fish | Oysters      | Misc <sup>2/</sup> | Total           |
|-----------------------------|----------------|----------------|--------------|-------------|-------------|----------------|-------------|--------------|--------------|-------------|----------------|-------------|-----------------|--------------------|-----------------|--------------|--------------------|-----------------|
|                             | Chinook        | Coho           | Sock-<br>eye | Chum        | Pink        |                | Green       | White        |              |             |                |             |                 |                    |                 |              |                    |                 |
| <b>District 1</b>           |                |                |              |             |             |                |             |              |              |             |                |             |                 |                    |                 |              |                    |                 |
| Col. River<br>(Zones 1-2-7) | \$2,052        | \$1,020        | \$ -         | \$ 9        | \$ -        | \$ -           | \$ 9        | \$ 57        | \$ 3         | \$ -        | \$ -           | \$ -        | \$ -            | \$ 11              | \$ -            | \$ -         | \$ -               | \$ 3,161        |
| Astoria                     | 361            | 346            | -            | -           | -           | -              | 1           | -            | -            | -           | 1,925          | 39          | 1,964           | 6,152              | 2,878           | -            | -                  | 13,666          |
| Nehalem Bay                 | -              | -              | -            | -           | -           | -              | -           | -            | -            | -           | -              | -           | -               | -                  | -               | -            | -                  | -               |
| Tillamook                   | 115            | 246            | -            | -           | -           | -              | -           | -            | -            | 655         | 1              | 843         | 181             | 100                | 303             | 27           | 2,471              |                 |
| Netarts Bay                 | -              | -              | -            | -           | -           | -              | -           | -            | -            | -           | -              | -           | -               | -                  | -               | -            | -                  | -               |
| Pacific City                | 59             | 302            | -            | -           | -           | -              | -           | -            | -            | 4           | -              | -           | 56              | 6                  | -               | 1            | 428                |                 |
| <b>Total</b>                | <b>\$2,587</b> | <b>\$1,914</b> | <b>\$ -</b>  | <b>\$ 9</b> | <b>\$ -</b> | <b>\$ -</b>    | <b>\$10</b> | <b>\$ 57</b> | <b>\$ 3</b>  | <b>\$ -</b> | <b>\$2,584</b> | <b>\$40</b> | <b>\$ 2,807</b> | <b>\$ 6,389</b>    | <b>\$2,995</b>  | <b>\$303</b> | <b>\$28</b>        | <b>\$19,726</b> |
| <b>District 2</b>           |                |                |              |             |             |                |             |              |              |             |                |             |                 |                    |                 |              |                    |                 |
| Col. River<br>(Zones 3-4-5) | \$ 400         | \$ 423         | \$ -         | \$ 3        | \$ -        | \$ -           | \$ -        | \$ 45        | \$ 81        | \$ -        | \$ -           | \$ -        | \$ -            | \$ -               | \$ -            | \$ -         | \$ 10              | \$ 962          |
| <b>District 4</b>           |                |                |              |             |             |                |             |              |              |             |                |             |                 |                    |                 |              |                    |                 |
| Siletz                      | \$ -           | \$ -           | \$ -         | \$ -        | \$ -        | \$ -           | \$ -        | \$ -         | \$ -         | \$ -        | \$ -           | \$ -        | \$ -            | \$ -               | \$ -            | \$ 1         | \$ -               | \$ 1            |
| Depoe Bay                   | 42             | 203            | -            | -           | -           | -              | -           | -            | -            | -           | 7              | -           | -               | 96                 | \$ 1            | \$ -         | -                  | 349             |
| Newport                     | 1,067          | 959            | -            | -           | -           | -              | -           | -            | -            | 2,043       | 30             | 5,444       | 1,551           | \$2,397            | \$130           | 15           | 13,636             |                 |
| Waldport                    | -              | -              | -            | -           | -           | -              | -           | -            | -            | 1           | -              | -           | -               | -                  | -               | 6            | 7                  |                 |
| <b>Total</b>                | <b>\$1,109</b> | <b>\$1,162</b> | <b>\$ -</b>  | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b>    | <b>\$ -</b> | <b>\$ -</b>  | <b>\$ -</b>  | <b>\$ -</b> | <b>\$2,051</b> | <b>\$30</b> | <b>\$ 5,444</b> | <b>\$ 1,647</b>    | <b>\$2,398</b>  | <b>\$130</b> | <b>\$22</b>        | <b>\$13,993</b> |
| <b>District 5</b>           |                |                |              |             |             |                |             |              |              |             |                |             |                 |                    |                 |              |                    |                 |
| Florence                    | \$ 46          | \$ 40          | \$ -         | \$ -        | \$ -        | \$ -           | \$ -        | \$ -         | \$ -         | \$ -        | \$ 19          | \$ -        | \$ -            | \$ 54              | \$ 1            | \$ -         | \$ -               | \$ 160          |
| <b>District 6</b>           |                |                |              |             |             |                |             |              |              |             |                |             |                 |                    |                 |              |                    |                 |
| Winchester Bay              | \$ 132         | \$ 386         | \$ -         | \$ -        | \$ -        | \$ -           | \$ -        | \$ -         | \$ 47        | \$ -        | \$ 587         | \$ -        | \$ 224          | \$ 138             | \$ 141          | \$ -         | \$ 3               | \$ 1,658        |
| <b>District 7</b>           |                |                |              |             |             |                |             |              |              |             |                |             |                 |                    |                 |              |                    |                 |
| Coos Bay                    | \$ 693         | \$ 830         | \$ -         | \$ -        | \$ -        | \$ -           | \$ -        | \$ -         | \$ 4         | \$ -        | \$1,966        | \$11        | \$ 4,552        | \$ 1,920           | \$1,799         | \$ 48        | \$ -               | \$11,823        |
| Bandon                      | 147            | 94             | -            | -           | -           | -              | -           | -            | -            | -           | 56             | -           | 3               | 61                 | 8               | -            | -                  | 369             |
| Port Orford                 | 360            | 157            | -            | -           | -           | -              | -           | -            | -            | 832         | -              | 171         | 2               | 258                | -               | 1            | 1,781              |                 |
| Gold Beach                  | 250            | 71             | -            | -           | -           | -              | -           | -            | -            | 17          | -              | -           | 8               | 6                  | -               | -            | 352                |                 |
| Brookings                   | 320            | 121            | -            | -           | -           | -              | -           | -            | 1            | 1,487       | -              | 1,703       | 101             | 420                | -               | 5            | 4,158              |                 |
| <b>Total</b>                | <b>\$1,770</b> | <b>\$1,273</b> | <b>\$ -</b>  | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b>    | <b>\$ -</b> | <b>\$ -</b>  | <b>\$ 4</b>  | <b>\$ 1</b> | <b>\$4,358</b> | <b>\$11</b> | <b>\$ 6,429</b> | <b>\$ 2,092</b>    | <b>\$2,491</b>  | <b>\$ 48</b> | <b>\$ 6</b>        | <b>\$18,483</b> |
| <b>District 9</b>           |                |                |              |             |             |                |             |              |              |             |                |             |                 |                    |                 |              |                    |                 |
| Col. River<br>(Zones 6-8-9) | \$ 360         | \$ 14          | \$ -         | \$ -        | \$ -        | \$83           | \$ -        | \$ 11        | \$ 5         | \$ -        | \$ -           | \$ -        | \$ -            | \$ -               | \$ -            | \$ -         | \$ -               | \$ 473          |
| <b>Total Col. R.</b>        | <b>\$2,812</b> | <b>\$1,457</b> | <b>\$ -</b>  | <b>\$12</b> | <b>\$ -</b> | <b>\$83</b>    | <b>\$ 9</b> | <b>\$113</b> | <b>\$ 89</b> | <b>\$ -</b> | <b>\$ -</b>    | <b>\$ -</b> | <b>\$ -</b>     | <b>\$ 11</b>       | <b>\$ -</b>     | <b>\$10</b>  | <b>\$ 4,596</b>    |                 |
| <b>Total Ocean</b>          | <b>\$3,592</b> | <b>\$3,755</b> | <b>\$ -</b>  | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b>    | <b>\$ 1</b> | <b>\$ -</b>  | <b>\$ 51</b> | <b>\$ 1</b> | <b>\$9,599</b> | <b>\$81</b> | <b>\$14,904</b> | <b>\$10,320</b>    | <b>\$8,015</b>  | <b>\$481</b> | <b>\$59</b>        | <b>\$50,859</b> |
| <b>GRAND TOTAL</b>          | <b>\$6,404</b> | <b>\$5,212</b> | <b>\$ -</b>  | <b>\$12</b> | <b>\$ -</b> | <b>\$83</b>    | <b>\$10</b> | <b>\$113</b> | <b>\$140</b> | <b>\$ 1</b> | <b>\$9,599</b> | <b>\$81</b> | <b>\$14,904</b> | <b>\$10,320</b>    | <b>\$8,026</b>  | <b>\$481</b> | <b>\$69</b>        | <b>\$55,455</b> |

1/ Includes \$7,414 received for albacore, \$2,906 for other tuna species.

2/ Includes \$36 for sand shrimp, \$16 for herring, \$10 for crayfish, \$6 for octopus, \$1 for eel, and lesser amounts for other species.