| 0      | Pacific   | Zone   | Year 2019            | Envr                 | (2019<br>USD)<br>\$2,263,282 | Change<br>(2019<br>USD)<br>-\$1,687,134 | enue<br>Data<br>Medium | Source(s)/<br>Notes*  |
|--------|---|--|----------------------|----------------------|------------------------------|---|------------------------|---|
|        | Sar-<br>dine  | Coast  |                      |                      |                              |   |                        | FOSS; no<br>2018 or<br>2019 data  |
| 7      | Multiple<br>spp<br>Red<br>Sea   | east<br>West<br>Coast  | 2019                 | Envr                 | NA<br>\$3,395,930            | NA<br>-\$4,020,219                      | NA<br>High             | NA<br>CDFW,<br>PacFIN   |
| 6<br>5 | Urchin<br>Chinook<br>Salmon<br>Sockeye  | West<br>Coast<br>Alaska  | 2019<br>2019         | Combo                | \$2,270,589<br>\$10,533,58   | NA<br>-\$12,785,858                     | NA<br>Medium           | NA<br>Request   |
|        | Salmon  | THUSKU   | 2010                 | Combo                | <b>\$10,000,00</b>           | 412,100,000                             | Wedian                 | letter;<br>data is<br>thorough  |
| 4      | Multiple<br>spp   | South-<br>east   | 2018                 | Envr                 | \$8,037,120                  | -\$17,602,000                           | Medium                 | 2018 data<br>not<br>available<br>through<br>NOAA<br>FOSS;<br>data is<br>from  |
| 3      | Multiple<br>spp<br>Penaeid  | South-<br>east<br>South-   | 2018<br>2019         | Envr<br>Envr         | \$8,124,480<br>\$7,528,781   | -\$13,478,043<br>-\$392,817             | High<br>High           | NCDMF<br>FFWCC<br>GDNR  |
|        | Shrimp<br>(mul-<br>tiple<br>spp)  | east   |                      |                      |                              |   |                        | $_{ m NCDENR}$  |
| 1      | Pacific<br>Cod  | Alaska   | 2019                 | Combo                |                              | -\$1,265,553                            | High                   | ADFG<br>-for only<br>the gulf   |
| 0      | Coho<br>and<br>Chi-<br>nook   | West<br>Coast  | 2018                 | Envr                 | \$1,720,160                  | -\$1,702,615                            | Low                    | Request<br>letter   |
| 9      | Multiple<br>spp   | South-<br>east   | 2018                 | Envr                 | \$14,503,07                  | \$8,567,582                             | High                   | NOAA<br>FOSS;<br>revenue  |
| 3      | Coho<br>Salmon  | West<br>Coast  | 2018                 | Envr                 | \$1,008,800                  | -\$450,486                              | Low                    | increase Determinat letter; unclear if "eco- nomic loss" is only  |
| 7      | Multiple<br>spp   | east   | 2018                 | Envr                 | \$69,407,68                  | -<br>\$112,360,000                      | High                   | langings<br>NOAA<br>press<br>release  |
| 1      | Pacific<br>Sar-<br>dine<br>Chinool  | West<br>Coast<br>West  | 2018                 | Envr                 | \$1,705,600<br>\$9,241,440   | -\$6,857,471<br>-\$24,689,000           | High<br>Low            | NOAA<br>FOSS<br>OR and  |
|        | Salmon  | Coast  |                      |                      |                              |   |                        | CA<br>request<br>letter; no<br>tribal   |
| 3      | Coho<br>and<br>Pink<br>Salmon   | West<br>Coast  | 2018                 | Envr                 | \$4,010,240                  | -\$1,736,733                            | Low                    | data  Data taken from 3 out of 7 request letters  |
| 2      | Pink<br>Salmon  | Alaska   | 2017                 | Envr                 | \$59,743,01                  | -<br>\$121,986,123                      | Medium                 | and extrapo- lated out NOAA FOSS; includes the Yukon  |
| 1      | Ocean<br>Salmon<br>Troll  | West<br>Coast  | 2017                 | Envr                 | \$884,465                    | -\$1,092,398                            | High                   | manage- ment area PFMC 2018 Review of Ocean Salmon  |
| 9      | Chinool<br>Salmon<br>Dungene  | West<br>Coast<br>sWest   | 2017<br>2017         | Envr<br>Envr         |                              | NA<br>-\$3,300,000                      | NA<br>Low              | Fisheries NA Request  |
| 9      | Dungene:<br>Crab  | coast Coast  | 2017                 | Envr                 | \$1,570,071                  | -\$3,300,000                            | Low                    | letter; did not provide 5-year revenue, but did specify direct revenue loss   |
| 8      | Coho,<br>Chi-<br>nook,<br>Chum<br>Salmon  | West<br>Coast  | 2017                 | Envr                 | \$14,355,18                  | -\$743,741                              | Low                    | Request<br>letter; no<br>economic<br>estimate<br>from<br>Squaxin<br>or<br>Nisqually;<br>estimate<br>from Port<br>Gamble |
| 7      | Dungener<br>and<br>Rock   | s&West<br>Coast  | 2017                 | Envr                 | \$27,345,104                 | -\$38,543,341                           | High                   | or<br>S'Klallam<br>CDFW<br>and value<br>from  |
| 5      |   | West<br>Coast  | 2017                 | Envr                 | \$15,483,355                 | -\$5,521,606                            | Low                    | from PacFIN NOAA FOSS; data doesn <u+0 and="" grays;="" isolate="" no="" td="" tribal<="" willapa=""></u+0>             |
| 5<br>4 | Sockeye<br>Salmon<br>White  | West<br>Coast<br>South-  | 2017<br>2015         | Envr<br>Combo        | \$2,997,584<br>\$1,168,200   | NA<br>-\$4,402,333                      | NA<br>High             | esitmate NA   |
| 3      | Shrimp<br>Sockeye   | east<br>West   | 2015                 | Combo                | \$1,168,200<br>\$2,125,200   | -\$4,402,333<br>-\$4,463,200            | High<br>High           | FOSS<br>NOAA  |
| 1      | Salmon<br>Multiple<br>spp   | Greater<br>At-   | 2012                 | $_{ m Envr}$         | \$8,944,622                  | \$18,876,191                            | High                   | press<br>release<br>NOAA<br>FOSS;   |
| Ð      | Oyster  | lantic<br>South-<br>east   | 2013                 | Envr                 | \$7,074,517                  | \$3,380,401                             | High                   | revenue increase FFWCC; Commercial Fisheries Landings   |
| 3      | Chinool<br>Salmon   | Alaska   | 2012                 | Envr                 | \$23,709,17                  | -\$3,513,197                            | Medium                 | Sum- maries report creator. Revenue increase. ADFG; isolated by region  |
| 3      | Groundfi<br>(mul-   | At-  | 2012                 | Anthro               | \$37,446,669                 | -\$12,464,203                           | Medium                 | but not<br>tribal<br>NOAA<br>FOSS;  |
|        | tiple<br>spp)   | lantic   |                      |                      |                              |   |                        | in-house<br>species<br>selection  |
| 5      | Multiple<br>spp   | South-<br>east   | 2012                 | $_{ m Envr}$         | \$12,473,68                  | \$9,499,690                             | High                   | NOAA<br>FOSS;<br>revenue  |
| 3      | Salmon<br>(mul-<br>tiple  | West<br>Coast  | 2011                 | Combo                | NA                           | -\$548,565                              | Medium                 | increase<br>ODFW<br>for all<br>ports  |
| 1      | spp) Multiple   |  | 2012                 | $_{ m Envr}$         | \$1,140,000                  | -\$244,000                              | High                   | south of<br>Cape<br>Falcon<br>Federal   |
| 0      | spp<br>Salmon<br>(mul-<br>tiple   | Island<br>West<br>Coast  | 2012                 | Combo                | NA                           | -\$244,000<br>NA                        | NA                     | Register<br>NA  |
| 9      | tiple<br>spp)<br>Multiple<br>spp  | South-<br>east   | 2010                 | Anthro               | \$30,940,00                  | -\$19,344,227                           | High                   | NOAA<br>FOSS  |
| 7      | Sockeye<br>Salmon<br>Shellfish<br>(mul-   | West<br>Coast<br>Greater<br>At-  | 2011<br>2010         | Combo<br>Envr        | \$2,340,000<br>NA            | NA<br>-\$5,798,530                      | NA<br>Medium           | NA NOAA FOSS;   |
|        | tiple<br>spp)   | lantic   | 00:                  |                      | or ·                         | <b>.</b>                                | v=-                    | in-house<br>species<br>selection  |
| 3      | Chinook<br>Salmon<br>Salmon   | West   | 2010                 | Combo                | \$5,950,000<br>NA            | -\$1,536,772<br>-\$15,479,882           | High<br>High           | ADFG;<br>isloated<br>by region<br>NOAA  |
| 0      | (mul-<br>tiple<br>spp)<br>Shellfish   | Coast  | 2009                 | Envr                 | \$6,100,000                  | \$6,239,125                             | Medium                 | FOSS  |
|        | Shellfish<br>(mul-<br>tiple<br>spp)   | Greater<br>At-<br>lantic   |                      | - * *                | ,,000                        | ,,&#Q                                   | mura                   | FOSS;<br>in-house<br>species  |
| 9      | Multiple<br>spp<br>Sockeye  | South-<br>east<br>West   | 2008<br>2008         | Envr<br>Combo        | \$57,340,00<br>\$2,440,000   | \$21,304,713<br>NA                      | High<br>NA             | NOAA<br>FOSS<br>NA  |
| 7      | Sockeye<br>Salmon<br>Blue<br>Crab   | Coast<br>Greater<br>At-  | 2008                 | Combo                | \$2,440,000<br>\$36,600,00   | NA<br>\$14,827,134                      | NA<br>Medium           | NOAA<br>FOSS;   |
| 6      | Salmon  | lantic   | 2008                 | Combo                | \$207.400.00                 | 0-\$11,888,830                          | Medium                 | does not isloate Chese- peake Bay NOAA  |
|        | (mul-<br>tiple<br>spp)  | Coast  |                      |                      |                              |   |                        | FOSS; "rainbow trout" for steelhead. Did not isolate tribal   |
| 3      | Snow<br>Crab  | Alaska   | 2011                 | Anthro               | \$11,700,00                  | \$73,615,385                            | Medium                 | ADFG;<br>does not<br>islote just<br>Bering  |
| 1      | Snow<br>Crab  | Alaska   | 2007                 | Anthro               | \$12,700,000                 | -\$1,126,347                            | Medium                 | Sea ADFG; does not  |
| )      | Salmon  | West   | 2006                 | Envr                 | \$78,520,00                  | -\$541,845                              | High                   | islote just<br>Bering<br>Sea<br>SWFSC   |
|        | (mul-<br>tiple<br>spp)  | Coast  |                      |                      | .,00                         |   |                        | technical<br>report on<br>the<br>Klamath  |
| 7      | Multiple<br>spp<br>Shellfisl<br>(mul-   | South-<br>east<br>Greater<br>At-   | 2005<br>2005         | Envr<br>Envr         | \$287,550,00<br>\$2,700,000  | 0-<br>\$169,681,222<br>-\$1,378,229     | High<br>Medium         | NOAA<br>FOSS<br>NOAA<br>FOSS;   |
| 3      | (mul-<br>tiple<br>spp)  | lantic   | 2005                 | In-                  | \$0.500                      | \$20.33-                                | 3.4- *:                | in-house<br>species<br>selection  |
| 3      | Shellfish<br>(mul-<br>tiple<br>spp)   | Greater<br>At-<br>lantic   | 2005                 | $_{ m Envr}$         | \$2,700,000                  | \$20,118,331                            | Medium                 | NOAA<br>FOSS;<br>in-house<br>species  |
| 5      | Snow<br>Crab  | Alaska   | 2005                 | Anthro               | \$13,500,00                  | -<br>\$787,346,805                      | Medium                 | selection  ADFG; does not   |
| 3      | Blue  | South-   | 2003                 | Combo                | \$7,100,000                  | -\$924,613                              | High                   | islote just<br>Bering<br>Sea<br>NOAA  |
| 3      | Blue<br>Crab<br>Snow<br>Crab  | South-<br>east<br>Alaska   | 2003                 | Anthro               | \$7,100,000<br>\$14,200,00   | -\$924,613<br>-<br>\$239,347,664        | High<br>Medium         | NOAA<br>FOSS<br>ADFG<br>FOSS;<br>does not   |
| L      | Snow<br>Crab  | Alaska   | 2001                 | Anthro               | \$14,700,000                 | -<br>\$289,342,969                      | Medium                 | does not islote just Bering Sea ADFG FOSS; does not   |
| Đ      | Sockeye<br>Salmon   | West<br>Coast  | 2002                 | Combo                | NA                           | -\$14,130,000                           | Low                    | islote just Bering Sea Request letter - specifies loss as "direct benefits";  |
|        |   |  |                      |                      |                              |   |                        | assumed<br>total over<br>multi-<br>year   |
| 3      | Salmon<br>(mul-   | Alaska   | 2000                 | Combo                | \$34,200,000                 | -\$30,467,010                           | NA                     | period<br>NA  |
| 7      | tiple<br>spp)<br>Snow<br>Crab   | Alaska   | 2000                 | Anthro               | \$15,200,00                  | \$300,618,829                           | High                   | ADFG  |
| 5      | Multiple<br>spp   | South-<br>east   | 1999                 | Envr                 | \$9,263,000                  | \$10,067,473                            | Medium                 | NOAA<br>FOSS;<br>in-house<br>species  |
| 1      | America<br>Lob-<br>ster   | Greater<br>At-<br>lantic   | 2000                 | Envr                 | \$21,128,00                  | -\$348,354                              | High                   | species<br>selection<br>NOAA<br>FOSS  |
| 3      | ster<br>Groundfi<br>(mul-<br>tiple<br>spp)  |  | 2000                 | Anthro               | \$7,600,000                  | -\$16,669,638                           | Medium                 | PacFIN Commercial Ground- fish Catch Report for All Gear Types and All  |
|        | Spiny<br>Lob-   | South-<br>east   | 1999                 | Envr                 | \$7,536,000                  | -\$1,316                                | High                   | Areas   |
| 2      | ster<br>and<br>Stone<br>Crab  |  |                      |                      | 4.                           |   |                        |   |
|        | Salmon<br>(mul-<br>tiple<br>spp)  | Alaska   | 1998                 | Envr                 | \$79,500,000                 | \$143,208,616                           | High                   | ADFG  |
|        |   | West<br>Coast  | 1998                 | Combo                | \$17,490,00                  | -\$19,862,009                           | High                   | NOAA<br>FOSS  |
| L      | Salmon<br>(mul-<br>tiple  | South-<br>east   | 1998<br>1997         | Combo<br>Envr        | \$3,180,000<br>\$11,340,00   | \$45,284,096                            | High<br>High           | NOAA<br>FOSS<br>ADFG  |
|        | Salmon<br>(mul-<br>tiple<br>spp)<br>Brown<br>Shrimp<br>Salmon   | Alaska   |                      |                      |                              | \$192,057,608                           |                        |   |
|        | Salmon<br>(mul-<br>tiple<br>spp)<br>Brown<br>Shrimp<br>Salmon<br>(mul-<br>tiple<br>spp)   | Alaska   |                      | Combo                | \$22,230,000                 | -\$30,668,064                           | High                   | NOAA<br>FOSS  |
|        | Salmon<br>(mul-<br>tiple<br>spp)<br>Brown<br>Shrimp<br>Salmon<br>(mul-<br>tiple<br>spp)<br>Salmon<br>(mul-<br>tiple<br>spp)   | Alaska<br>West<br>Coast  | 1995                 |                      |                              |   |                        |   |
|        | Salmon (multiple spp) Brown Shrimp Salmon (multiple spp) Salmon (multiple spp) Ground (multiple spp)  | Alaska<br>West<br>Coast  | 1995<br>1995         | Anthro               | \$42,750,00                  | -\$74,261,441                           | Medium                 | NOAA<br>FOSS; no<br>American<br>Plaice  |
|        | Salmon (multiple spp) Brown Salmon (multiple spp) Salmon (multiple spp) Ground: (multiple spp) Ground: (multiple spp) Multiple spp) Salmon in Salmon (multiple spp)   | West Coast  Greater At- lantic  South- east West                             |                      | Anthro  Combo  Combo |                              | \$139,911,239<br>-                      | Medium<br>High<br>High | FOSS; no<br>American<br>Plaice<br>NOAA<br>FOSS<br>NOAA  |
|        | Salmon (multiple spp) Brown Shrimp Salmon (multiple spp) Salmon (multiple spp) Ground: (multiple spp) Multiple spp) Multiple spp Multiple spp Ground: (multiple spp) Ground: (multiple spp) Ground: (multiple spp) Ground: (multiple spp) | West Coast  Greater At- lantic South- east West Coast                        | 1995<br>1995         | Combo                | \$25,650,000<br>\$27,632,00  |   | High                   | FOSS; no<br>American<br>Plaice<br>NOAA<br>FOSS  |
| L      | Salmon (multiple spp) Brown Shrimp Salmon (multiple spp)  Salmon (multiple spp) Ground: (multiple spp) Multiple spp Multiple spp Salmon (multiple spp)  | West<br>Coast<br>Greater<br>At-<br>lantic<br>South-<br>east<br>West<br>Coast | 1995<br>1995<br>1994 | Combo                | \$25,650,000<br>\$27,632,00  | \$139,911,239<br>-<br>\$361,357,960     | High<br>High           | FOSS; no<br>American<br>Plaice<br>NOAA<br>FOSS<br>NOAA<br>FOSS  |