

Figure 15.–Total run size, catch, escapement, and biological escapement goal range for four wild Southeast Alaska coho salmon indicator stocks, 1982–2016 (the Ford Arm Creek project was discontinued after 2015). Escapement to the Berners River is represented by the unexpanded survey count.



Figure 16.–Total estimated run size, catch, and escapement of coho salmon bound for the Taku River (above Canyon Island) and the Chilkat and Berners rivers, 1987–2016. The Berners River escapement and escapement goal bounds are based on an estimated survey expansion factor of 1.241.



Figure 18.–Estimates of Southeast Alaska wild coho salmon commercial catch, total wild abundance available to the Alaska troll fishery and mean-average power troll wild CPUE in statistical weeks 28–38, 1982–2016.



Figure 19.–Ratio of the estimated total abundance of wild coho salmon available to the Alaska troll fishery and mean-average power troll wild coho salmon CPUE (catch-per-boat-day) during statistical weeks 28–38.

Table 9.–Estimated harvest by gear type, escapement, and total run of coho salmon returning to Auke Creek, 1980–2016.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Number of Fish | |  |  |
|  | Sample |  |  | Drift |  | Total |  | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Catch | Escapement | Return |
| 1980 | 15 | 117 | 0 | 29 | 24 | 170 | 698 | 868 |
| 1981 | 70 | 280 | 0 | 31 | 19 | 330 | 646 | 976 |
| 1982 | 45 | 149 | 117 | 24 | 2 | 292 | 447 | 739 |
| 1983 | 129 | 385 | 10 | 28 | 122 | 545 | 694 | 1,239 |
| 1984 | 124 | 372 | 8 | 13 | 51 | 444 | 651 | 1,095 |
| 1985 | 177 | 594 | 3 | 71 | 73 | 741 | 942 | 1,683 |
| 1986 | 110 | 421 | 2 | 60 | 37 | 520 | 454 | 974 |
| 1987 | 145 | 438 | 2 | 48 | 23 | 511 | 668 | 1,179 |
| 1988 | 145 | 306 | 12 | 72 | 55 | 445 | 756 | 1,201 |
| 1989 | 182 | 533 | 7 | 15 | 49 | 604 | 502 | 1,106 |
| 1990 | 168 | 635 | 15 | 57 | 78 | 785 | 697 | 1,482 |
| 1991 | 47 | 200 | 8 | 152 | 11 | 371 | 808 | 1,179 |
| 1992 | 53 | 603 | 10 | 196 | 46 | 855 | 1,020 | 1,875 |
| 1993 | 169 | 611 | 8 | 92 | 19 | 730 | 859 | 1,589 |
| 1994 | 330 | 1,064 | 224 | 218 | 112 | 1,618 | 1,437 | 3,055 |
| 1995 | 82 | 264 | 5 | 65 | 26 | 360 | 460 | 820 |
| 1996 | 160 | 446 | 11 | 133 | 36 | 626 | 515 | 1,141 |
| 1997 | 43 | 94 | 4 | 0 | 50 | 148 | 609 | 757 |
| 1998 | 157 | 437 | 17 | 43 | 54 | 551 | 862 | 1,413 |
| 1999 | 160 | 485 | 5 | 58 | 42 | 590 | 845 | 1,435 |
| 2000 | 103 | 228 | 6 | 23 | 29 | 286 | 683 | 969 |
| 2001 | 149 | 435 | 10 | 41 | 55 | 541 | 865 | 1,406 |
| 2002 | 125 | 288 | 8 | 77 | 51 | 424 | 1,176 | 1,600 |
| 2003 | 97 | 211 | 4 | 59 | 45 | 319 | 585 | 904 |
| 2004 | 62 | 199 | 47 | 71 | 15 | 332 | 416 | 748 |
| 2005 | 66 | 240 | 0 | 6 | 31 | 277 | 450 | 727 |
| 2006 | 80 | 196 | 0 | 77 | 26 | 299 | 581 | 880 |
| 2007 | 47 | 134 | 6 | 30 | 14 | 184 | 352 | 536 |
| 2008 | 105 | 292 | 0 | 76 | 9 | 377 | 600 | 977 |
| 2009 | 75 | 179 | 0 | 46 | 8 | 233 | 360 | 593 |
| 2010 | 86 | 194 | 0 | 134 | 22 | 350 | 417 | 767 |
| 2011 | 79 | 137 | 31 | 93 | 16 | 277 | 517 | 794 |
| 2012 | 65 | 212 | 4 | 7 | 17 | 240 | 837 | 1,077 |
| 2013 | 128 | 406 | 28 | 69 | 27 | 530 | 736 | 1,266 |
| 2014 | 86 | 265 | 0 | 107 | 21 | 393 | 1,533 | 1,926 |
| 2015 | 44 | 140 | 2 | 14 | 17 | 173 | 517 | 690 |
| 2016 | 22 | 20 | 0 | 49 | 0 | 69 | 204 | 273 |
| Average |  | 330 | 17 | 64 | 36 | 447 | 686 | 1,133 |

Table 10.–Estimated harvest by gear type, escapement and total run of coho salmon returning to the Berners River based on the unadjusted escapement survey count, 1974-2016.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Number of Fish | | |  |  |  |
|  | Sample |  |  | Drift |  | B.C. | Cost | Total |  | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Net | Recovery | Catch | Escapement | Run |
| 1974 | 157 | 9,161 | 406 | 4,581 | 0 | 0 | 0 | 14,148 | 4,124 | 18,272 |
| 1978 | 124 | 7,208 | 0 | 4,144 | 0 | 0 | 0 | 11,352 | 3,119 | 14,471 |
| 1979 | 84 | 4,892 | 411 | 1,774 | 95 | 0 | 0 | 7,172 | 3,460 | 10,632 |
| 1982 | 52 | 14,140 | 0 | 10,965 | 0 | 0 | 0 | 25,104 | 7,505 | 32,609 |
| 1983 | 125 | 17,176 | 0 | 6,977 | 421 | 0 | 0 | 24,574 | 9,840 | 34,414 |
| 1984 | - | - | - | - | - | - | - | - | 2,825 | - |
| 1985 | 93 | 10,861 | 290 | 7,016 | 0 | 0 | 0 | 18,167 | 6,169 | 24,336 |
| 1986 | 159 | 13,565 | 0 | 8,804 | 566 | 0 | 0 | 22,935 | 1,752 | 24,687 |
| 1987 | 52 | 7,211 | 0 | 3,317 | 166 | 0 | 0 | 10,694 | 3,260 | 13,954 |
| 1988 | 102 | 6,060 | 167 | 6,196 | 0 | 0 | 0 | 12,424 | 2,724 | 15,148 |
| 1989 | 58 | 10,583 | 0 | 1,665 | 0 | 0 | 0 | 12,247 | 7,509 | 19,756 |
| 1990 | 471 | 15,007 | 184 | 7,351 | 369 | 0 | 0 | 22,911 | 11,050 | 33,961 |
| 1991 | 1,025 | 6,449 | 285 | 16,640 | 84 | 0 | 0 | 23,457 | 11,530 | 34,987 |
| 1992 | 701 | 15,318 | 508 | 14,679 | 189 | 0 | 0 | 30,695 | 15,300 | 45,995 |
| 1993 | 1,498 | 19,308 | 166 | 14,282 | 180 | 0 | 0 | 33,936 | 15,670 | 49,606 |
| 1994 | 2,644 | 27,339 | 1,381 | 27,909 | 810 | 10 | 0 | 57,449 | 15,920 | 73,369 |
| 1995 | 1,383 | 8,766 | 25 | 14,869 | 210 | 0 | 0 | 23,870 | 4,945 | 28,815 |
| 1996 | 601 | 10,529 | 234 | 6,434 | 406 | 0 | 0 | 17,604 | 6,050 | 23,654 |
| 1997 | 312 | 2,453 | 231 | 2,254 | 278 | 0 | 18 | 5,234 | 10,050 | 15,284 |
| 1998 | 613 | 10,424 | 395 | 5,223 | 293 | 0 | 0 | 16,335 | 6,802 | 23,137 |
| 1999 | 948 | 12,876 | 200 | 9,572 | 578 | 0 | 0 | 23,225 | 9,920 | 33,145 |
| 2000 | 692 | 4,811 | 171 | 5,330 | 497 | 0 | 6 | 10,815 | 10,650 | 21,465 |
| 2001 | 747 | 8,814 | 178 | 3,523 | 347 | 0 | 0 | 12,863 | 19,290 | 32,153 |
| 2002 | 787 | 8,650 | 312 | 12,077 | 1,080 | 0 | 0 | 22,118 | 27,700 | 49,818 |
| 2003 | 1,328 | 6,823 | 251 | 11,377 | 550 | 0 | 0 | 19,001 | 10,110 | 29,111 |
| 2004 | 756 | 10,792 | 83 | 7,352 | 497 | 0 | 0 | 18,724 | 14,450 | 33,174 |
| 2005 | 392 | 4,639 | 121 | 2,546 | 232 | 0 | 0 | 7,538 | 5,220 | 12,758 |
| 2006 | 701 | 4,082 | 0 | 6,161 | 110 | 0 | 0 | 10,352 | 5,470 | 15,822 |
| 2007 | 293 | 2,937 | 40 | 1,668 | 161 | 0 | 0 | 4,807 | 3,915 | 8,722 |
| 2008 | 423 | 3,878 | 0 | 3,469 | 149 | 0 | 0 | 7,497 | 6,870 | 14,367 |
| 2009 | 201 | 2,807 | 63 | 2,037 | 180 | 0 | 0 | 5,087 | 4,230 | 9,317 |
| 2010 | 324 | 6,451 | 110 | 7,258 | 477 | 0 | 0 | 14,297 | 7,520 | 21,817 |
| 2011 | 174 | 3,722 | 251 | 1,900 | 106 | 0 | 0 | 5,979 | 6,050 | 12,029 |
| 2012 | 159 | 2,071 | 0 | 929 | 51 | 0 | 0 | 3,051 | 5,480 | 8,531 |
| 2013 | 374 | 7,521 | 369 | 6,289 | 609 | 0 | 0 | 14,788 | 6,280 | 21,068 |
| 2014 | 287 | 4,301 | 0 | 6,241 | 626 | 0 | 0 | 11,168 | 15,480 | 26,648 |
| 2015 | 306 | 3,543 | 120 | 1,869 | 177 | 0 | 0 | 5,709 | 9,940 | 15,649 |
| 2016 | 173 | 919 | 11 | 2,198 | 87 | 0 | 0 | 3,215 | 6,733 | 9,948 |
| Average | | 8,543 | 188 | 6,943 | 286 | 0 | 1 | 15,961 | 8,550 | 24,666 |

Table 10b.–Estimated harvest by gear type, escapement and total run of coho salmon returning to the Berners River based on the expanded escapement survey count, 1989-2016.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Number of Fish | | | |  |  |  |
|  | Sample |  |  | Drift |  | B.C. | Cost | Total | |  | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Net | Recovery | Catch | | Escapement | Run |
| 1989 | 58 | 10,583 | 0 | 1,665 | 0 | 0 | 0 | 12,247 | | 9,320 | 21,567 |
| 1990 | 471 | 15,007 | 184 | 7,351 | 369 | 0 | 0 | 22,911 | | 13,715 | 36,626 |
| 1991 | 1,025 | 6,449 | 285 | 16,640 | 84 | 0 | 0 | 23,457 | | 14,311 | 37,768 |
| 1992 | 701 | 15,318 | 508 | 14,679 | 189 | 0 | 0 | 30,695 | | 18,991 | 49,686 |
| 1993 | 1,498 | 19,308 | 166 | 14,282 | 180 | 0 | 0 | 33,936 | | 19,450 | 53,386 |
| 1994 | 2,644 | 27,339 | 1,381 | 27,909 | 810 | 10 | 0 | 57,449 | | 19,760 | 77,209 |
| 1995 | 1,383 | 8,766 | 25 | 14,869 | 210 | 0 | 0 | 23,870 | | 6,138 | 30,008 |
| 1996 | 601 | 10,529 | 234 | 6,434 | 406 | 0 | 0 | 17,604 | | 7,509 | 25,113 |
| 1997 | 312 | 2,453 | 231 | 2,254 | 278 | 0 | 18 | 5,234 | | 12,474 | 17,708 |
| 1998 | 613 | 10,424 | 395 | 5,223 | 293 | 0 | 0 | 16,335 | | 8,443 | 24,778 |
| 1999 | 948 | 12,876 | 200 | 9,572 | 578 | 0 | 0 | 23,225 | | 12,313 | 35,538 |
| 2000 | 692 | 4,811 | 171 | 5,330 | 497 | 0 | 6 | 10,815 | | 13,219 | 24,034 |
| 2001 | 747 | 8,814 | 178 | 3,523 | 347 | 0 | 0 | 12,863 | | 23,943 | 36,806 |
| 2002 | 787 | 8,650 | 312 | 12,077 | 1,080 | 0 | 0 | 22,118 | | 34,382 | 56,500 |
| 2003 | 1,328 | 6,823 | 251 | 11,377 | 550 | 0 | 0 | 19,001 | | 12,549 | 31,550 |
| 2004 | 756 | 10,792 | 83 | 7,352 | 497 | 0 | 0 | 18,724 | | 17,936 | 36,660 |
| 2005 | 392 | 4,639 | 121 | 2,546 | 232 | 0 | 0 | 7,538 | | 6,479 | 14,017 |
| 2006 | 701 | 4,082 | 0 | 6,161 | 110 | 0 | 0 | 10,352 | | 6,789 | 17,141 |
| 2007 | 293 | 2,937 | 40 | 1,668 | 161 | 0 | 0 | 4,807 | | 4,859 | 9,666 |
| 2008 | 423 | 3,878 | 0 | 3,469 | 149 | 0 | 0 | 7,497 | | 8,527 | 16,024 |
| 2009 | 201 | 2,807 | 63 | 2,037 | 180 | 0 | 0 | 5,087 | | 5,250 | 10,337 |
| 2010 | 324 | 6,451 | 110 | 7,258 | 477 | 0 | 0 | 14,297 | | 9,334 | 23,631 |
| 2011 | 174 | 3,722 | 251 | 1,900 | 106 | 0 | 0 | 5,979 | | 7,509 | 13,488 |
| 2012 | 159 | 2,071 | 0 | 929 | 51 | 0 | 0 | 3,051 | | 6,802 | 9,853 |
| 2013 | 787 | 7,521 | 369 | 6,289 | 609 | 0 | 0 | 14,788 | | 7,795 | 22,583 |
| 2014 | 1,328 | 4,301 | 0 | 6,241 | 626 | 0 | 0 | 11,168 | | 19,214 | 30,382 |
| 2015 | 756 | 3,543 | 120 | 1,869 | 177 | 0 | 0 | 5,709 | | 12,338 | 18,047 |
| 2016 | 392 | 919 | 11 | 2,198 | 87 | 0 | 0 | 3,215 | | 8,357 | 11,572 |
| Average | | 8,065 | 203 | 7,254 | 333 | 0 | 1 | 15,856 | | 12,418 | 28,274 |

Table 11.–Estimated harvest by gear type, escapement, and total run of coho salmon returning to Ford Arm Creek, 1982–2016.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery | |  |  |  | Number of Fish | | |  |  | |
|  | Sample | |  |  | Drift |  | Canadian | Total |  | | Total |
| Year | Size | | Troll | Seine | Gillnet | Sport | Troll | Catch | Escapement | | Run |
| 1982 | 38 | | 1,927 | 106 | 0 | 0 | 0 | 2,033 | 2,655 | | 4,688 |
| 1983 | 93 | | 3,344 | 912 | 0 | 0 | 0 | 4,256 | 1,931 | | 6,187 |
| 1984 | - | | - | - | - | - | - | - | - | | - |
| 1985 | 49 | | 2,482 | 0 | 0 | 0 | 0 | 2,482 | 2,324 | | 4,806 |
| 1986 | 87 | | 2,483 | 63 | 0 | 0 | 0 | 2,546 | 1,552 | | 4,098 |
| 1987 | 71 | | 1,458 | 81 | 0 | 0 | 0 | 1,539 | 1,694 | | 3,233 |
| 1988 | 151 | | 2,816 | 46 | 0 | 0 | 31 | 2,893 | 3,119 | | 6,012 |
| 1989 | 218 | | 3,799 | 185 | 0 | 0 | 0 | 3,984 | 2,176 | | 6,160 |
| 1990 | 174 | | 2,982 | 100 | 0 | 0 | 0 | 3,082 | 2,192 | | 5,274 |
| 1991 | 193 | | 3,203 | 44 | 10 | 0 | 0 | 3,257 | 2,761 | | 6,018 |
| 1992 | 199 | | 5,252 | 233 | 0 | 0 | 0 | 5,485 | 3,866 | | 9,351 |
| 1993 | 349 | | 7,749 | 434 | 0 | 176 | 0 | 8,359 | 4,202 | | 12,561 |
| 1994 | 236 | | 6,856 | 1,020 | 0 | 384 | 0 | 8,260 | 3,227 | | 11,487 |
| 1995 | 82 | | 3,582 | 759 | 0 | 0 | 0 | 4,341 | 2,446 | | 6,787 |
| 1996 | 64 | | 3,083 | 0 | 0 | 281 | 0 | 3,364 | 2,500 | | 5,864 |
| 1997 | 242 | | 4,702 | 0 | 0 | 351 | 0 | 5,053 | 4,718 | | 9,771 |
| 1998 | 320 | | 7,835 | 435 | 20 | 785 | 0 | 9,075 | 7,049 | | 16,124 |
| 1999 | 146 | | 5,893 | 66 | 0 | 436 | 0 | 6,395 | 3,800 | | 10,195 |
| 2000 | 193 | | 4,604 | 916 | 14 | 211 | 0 | 5,745 | 2,304 | | 8,049 |
| 2001 | 131 | | 5,821 | 115 | 0 | 480 | 0 | 6,416 | 2,209 | | 8,625 |
| 2002 | 246 | | 5,751 | 1,260 | 0 | 998 | 0 | 8,009 | 7,109 | | 15,118 |
| 2003 | 225 | | 4,154 | 504 | 0 | 1,770 | 0 | 6,428 | 6,789 | | 13,217 |
| 2004 | 153 | | 7,722 | 524 | 0 | 319 | 0 | 8,565 | 3,539 | | 12,104 |
| 2005 | 81 | | 5,134 | 60 | 0 | 672 | 0 | 5,866 | 4,257 | | 10,123 |
| 2006 | 137 | | 3,866 | 367 | 0 | 844 | 0 | 5,077 | 4,737 | | 9,814 |
| 2007 | 188 | | 5,673 | 217 | 7 | 202 | 0 | 6,099 | 2,567 | | 8,666 |
| 2008 | 231 | | 4,563 | 1,047 | 0 | 277 | 0 | 5,887 | 5,173 | | 11,060 |
| 2009 | 156 | | 4,604 | 248 | 0 | 93 | 0 | 4,945 | 2,181 | | 7,126 |
| 2010 | 96 | | 2,149 | 582 | 0 | 132 | 0 | 2,863 | 1,610 | | 4,473 |
| 2011 | 52 | | 2,610 | 6,238 | 0 | 79 | 0 | 8,927 | 1,908 | | 10,835 |
| 2012 | 117 | | 2,884 | 903 | 0 | 151 | 0 | 3,938 | 2,282 | | 6,220 |
| 2013 | 122 | | 3,426 | 2,069 | 0 | 241 | 0 | 5,736 | 1,573 | | 7,309 |
| 2014 | 103 | | 4,927 | 2,397 | 0 | 407 | 0 | 7,731 | 3,025 | | 10,756 |
| 2015 | 71 | | 3,078 | 380 | 0 | 118 | 0 | 3,576 | 3,281 | | 6,857 |
| Average | |  | 4,255 | 676 | 2 | 285 | 1 | 5,219 | 3,235 | | 8,454 |

Table 12.–Estimated harvest by gear type, escapement, and total run of coho salmon returning to Hugh Smith Lake, 1982–2016.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  |  | Number of Fish | | |  |  | |  |  |
|  | Sample | Alaska | Alaska | Alaska | Alaska | Alaska | B.C. | B.C. | B.C. | Total |  | | Total |
| Year | Size | Troll | Seine | Gillnet | Trap | Sport | Troll | Net | Sport | Catch | Escapement | | Return |
| 1982 | 91 | 2,758 | 628 | 203 | 0 | 0 | 316 | 84 | 0 | 3,988 | 2,144 | | 6,132 |
| 1983 | 185 | 1,374 | 424 | 277 | 49 | 0 | 214 | 50 | 0 | 2,388 | 1,487 | | 3,875 |
| 1984 | 151 | 1,266 | 504 | 471 | 18 | 0 | 331 | 27 | 0 | 2,617 | 1,407 | | 4,024 |
| 1985 | 213 | 868 | 287 | 137 | 5 | 0 | 201 | 39 | 0 | 1,537 | 903 | | 2,440 |
| 1986 | 256 | 1,598 | 493 | 213 | 0 | 16 | 236 | 28 | 0 | 2,583 | 1,782 | | 4,365 |
| 1987 | 99 | 657 | 82 | 148 | 4 | 28 | 155 | 53 | 0 | 1,127 | 1,117 | | 2,244 |
| 1988 | 41 | 406 | 207 | 78 | 0 | 0 | 242 | 27 | 0 | 960 | 513 | | 1,473 |
| 1989 | 91 | 1,217 | 320 | 247 | 0 | 62 | 106 | 20 | 0 | 1,971 | 433 | | 2,404 |
| 1990 | 263 | 1,803 | 566 | 637 | 23 | 0 | 840 | 54 | 0 | 3,924 | 870 | | 4,794 |
| 1991 | 399 | 2,103 | 190 | 941 | 0 | 38 | 614 | 44 | 0 | 3,931 | 1,836 | | 5,767 |
| 1992 | 497 | 1,854 | 676 | 600 | 0 | 40 | 289 | 10 | 0 | 3,469 | 1,426 | | 4,895 |
| 1993 | 155 | 2,227 | 269 | 666 | 0 | 0 | 207 | 41 | 0 | 3,410 | 832 | | 4,242 |
| 1994 | 838 | 4,333 | 1,123 | 1,450 | 0 | 45 | 694 | 53 | 13 | 7,711 | 1,753 | | 9,464 |
| 1995 | 432 | 2,018 | 947 | 1,588 | 0 | 98 | 236 | 28 | 11 | 4,927 | 1,781 | | 6,708 |
| 1996 | 502 | 1,585 | 623 | 487 | 0 | 125 | 125 | 38 | 14 | 2,998 | 950 | | 3,948 |
| 1997 | 480 | 1,321 | 108 | 397 | 0 | 45 | 91 | 0 | 0 | 1,964 | 732 | | 2,696 |
| 1998 | 668 | 1,771 | 471 | 980 | 0 | 150 | 0 | 0 | 15 | 3,388 | 983 | | 4,371 |
| 1999 | 623 | 1,757 | 283 | 726 | 0 | 180 | 0 | 0 | 30 | 2,975 | 1,246 | | 4,221 |
| 2000 | 161 | 489 | 45 | 116 | 0 | 97 | 0 | 0 | 0 | 746 | 600 | | 1,346 |
| 2001 | 314 | 696 | 454 | 324 | 0 | 58 | 7 | 0 | 0 | 1,539 | 1,580 | | 3,119 |
| 2002 | 434 | 892 | 451 | 555 | 0 | 91 | 65 | 0 | 61 | 2,115 | 3,291 | | 5,406 |
| 2003 | 335 | 894 | 354 | 690 | 0 | 106 | 91 | 31 | 0 | 2,166 | 1,510 | | 3,676 |
| 2004 | 244 | 1,017 | 196 | 243 | 0 | 60 | 48 | 20 | 69 | 1,652 | 840 | | 2,492 |
| 2005 | 256 | 1,163 | 122 | 532 | 0 | 59 | 36 | 8 | 0 | 1,920 | 1,732 | | 3,652 |
| 2006 | 169 | 703 | 64 | 170 | 0 | 7 | 34 | 0 | 58 | 1,035 | 891 | | 1,926 |
| 2007 | 294 | 1,262 | 175 | 300 | 0 | 74 | 57 | 11 | 186 | 2,065 | 1,244 | | 3,309 |
| 2008 | 302 | 716 | 244 | 779 | 0 | 33 | 59 | 12 | 192 | 2,035 | 1,741 | | 3,776 |
| 2009 | 253 | 1,049 | 268 | 483 | 0 | 18 | 265 | 0 | 19 | 2,102 | 2,281 | | 4,383 |
| 2010 | 632 | 1,205 | 287 | 692 | 0 | 36 | 218 | 0 | 101 | 2,539 | 2,878 | | 5,417 |
| 2011 | 376 | 778 | 148 | 417 | 0 | 25 | 189 | 4 | 239 | 1,800 | 2,137 | | 3,937 |
| 2012 | 542 | 821 | 348 | 703 | 0 | 41 | 169 | 0 | 173 | 2,255 | 1,908 | | 4,163 |
| 2013 | 552 | 1,754 | 767 | 793 | 0 | 108 | 283 | 32 | 121 | 3,858 | 3,048 | | 6,906 |
| 2014 | 566 | 1,873 | 399 | 798 | 0 | 121 | 218 | 0 | 188 | 3,597 | 4,110 | | 7,707 |
| 2015 | 203 | 470 | 112 | 272 | 0 | 24 | 102 | 6 | 12 | 998 | 956 | | 1,954 |
| 2016 | 123 | 767 | 150 | 429 | 0 | 90 | 39 | 0 | 43 | 1,518 | 948 | | 2,466 |
| Average | | 1,356 | 365 | 530 | 3 | 54 | 194 | 21 | 44 | 2,566 | 1,540 | | 4,154 |

Table 13.–Estimated catch and escapement of coho salmon bound for the Taku River above Canyon Island, 1987–2016.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Number of Fish | |  |  |  |
|  |  |  |  | Marine |  | Total |  | Total |
| Year | Troll | Seine | Gillnet | Sport | Inriver | Catch | Escapement | Return |
| 1987 |  |  |  |  | 6,519 |  | 55,457 |  |
| 1988 |  |  |  |  | 3,643 |  | 39,450 |  |
| 1989 |  |  |  |  | 4,033 |  | 56,808 |  |
| 1990 |  |  |  |  | 3,685 |  | 72,196 |  |
| 1991 |  |  |  |  | 5,439 |  | 127,484 |  |
| 1992 | 41,713 | 2,283 | 79,013 | 431 | 5,629 | 129,069 | 83,641 | 212,710 |
| 1993 | 78,371 | 3,430 | 40,308 | 3,222 | 4,659 | 129,990 | 119,305 | 249,295 |
| 1994 | 97,039 | 26,352 | 86,198 | 19,018 | 14,786 | 243,393 | 96,250 | 339,643 |
| 1995 | 45,041 | 1,853 | 56,820 | 7,857 | 13,835 | 125,406 | 55,613 | 181,019 |
| 1996 | 24,779 | 220 | 17,069 | 2,461 | 5,119 | 49,648 | 44,568 | 94,216 |
| 1997 | 8,822 | 550 | 1,489 | 4,963 | 2,717 | 18,541 | 32,318 | 50,859 |
| 1998 | 28,827 | 742 | 19,371 | 4,427 | 5,176 | 58,543 | 61,296 | 119,839 |
| 1999 | 36,231 | 2,881 | 7,507 | 4,170 | 5,619 | 56,408 | 60,724 | 117,132 |
| 2000 | 21,236 | 2,132 | 11,466 | 4,137 | 5,478 | 44,449 | 64,668 | 109,117 |
| 2001 | 38,326 | 2,065 | 11,777 | 3,094 | 3,121 | 58,383 | 104,372 | 162,755 |
| 2002 | 39,053 | 3,456 | 30,894 | 6,642 | 3,870 | 83,915 | 219,292 | 303,207 |
| 2003 | 36,433 | 3,646 | 27,694 | 10,503 | 3,702 | 81,978 | 183,053 | 265,031 |
| 2004 | 62,002 | 5,335 | 30,961 | 14,108 | 9,804 | 122,210 | 129,207 | 251,417 |
| 2005 | 46,521 | 4,325 | 23,546 | 4,654 | 8,393 | 87,439 | 135,424 | 222,863 |
| 2006 | 49,394 | 613 | 37,879 | 4,621 | 11,803 | 104,310 | 122,250 | 226,560 |
| 2007 | 23,519 | 6,484 | 18,795 | 2,124 | 8,133 | 59,055 | 74,186 | 133,241 |
| 2008 | 47,997 | 0 | 25,254 | 1,530 | 4,064 | 78,845 | 95,135 | 173,979 |
| 2009 | 51,748 | 4,749 | 46,838 | 6,720 | 10,006 | 120,061 | 103,710 | 223,770 |
| 2010 | 34,554 | 3,988 | 52,497 | 14,287 | 14,666 | 119,992 | 126,572 | 246,564 |
| 2011 | 23,825 | 6,383 | 11,353 | 4,804 | 12,702 | 59,067 | 70,647 | 129,715 |
| 2012 | 14,648 | 0 | 12,108 | 1,212 | 14,204 | 42,171 | 70,643 | 112,815 |
| 2013 | 34,849 | 2,372 | 24,986 | 2,472 | 10,613 | 75,293 | 67,879 | 143,172 |
| 2014 | 12,118 | 773 | 32,145 | 3,656 | 16,792 | 65,484 | 123,947 | 189,431 |
| 2015 | 16,355 | 5,634 | 8,737 | 3,063 | 10,434 | 44,223 | 59,865 | 104,088 |
| 2016 | 9,801 | 326 | 14,757 | 1,210 | 11,720 | 37,814 | 87,504 | 125,318 |
| 1992-2016 | |  |  |  |  |  |  |  |
| Average | 36,928 | 3,624 | 29,178 | 5,415 | 8,682 | 83,828 | 95,683 | 179,510 |

Table 14.–Estimated harvest by gear type, escapement, and total run of coho salmon returning to the Chilkat River, 1987–2016.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Number of Fish | | | | |  |  |
|  | Sample |  |  | Drift | Marine | Freshwater |  | Total |  | | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Sporta | Subsistence | Catch | Escapement | | Run |
| 1987 |  |  |  |  |  |  |  |  | 37,432 | |  |
| 1988 |  |  |  |  |  |  |  |  | | 29,495 |  |
| 1989 |  |  |  |  |  |  |  |  | | 48,833 |  |
| 1990 |  |  |  |  |  |  |  |  | | **79,807** |  |
| 1991 |  |  |  |  |  |  |  |  | | 84,517 |  |
| 1992 |  |  |  |  |  |  |  |  | | 77,588 |  |
| 1993 |  |  |  |  |  |  |  |  | | 58,217 |  |
| 1994 |  |  |  |  |  |  |  |  | | 194,425 |  |
| 1995 |  |  |  |  |  |  |  |  | | 56,737 |  |
| 1996 |  |  |  |  |  |  |  |  | | 37,331 |  |
| 1997 |  |  |  |  |  |  |  |  | | 43,519 |  |
| 1998 |  |  |  |  |  |  |  |  | | **50,758** |  |
| 1999 |  |  |  |  |  |  |  |  | | 57,140 |  |
| 2000 | 265 | 19,988 | 876 | 17,055 | 1,529 | 688 | 199 | 40,335 | | 84,843 | 125,178 |
| 2001 | 250 | 30,465 | 601 | 13,436 | 1,544 | 1,996 | 126 | 48,168 | | 107,697 | 155,865 |
| 2002 | 325 | 61,724 | 719 | 66,541 | 2,159 | 3,342 | 574 | 135,059 | | **204,925** | 339,984 |
| 2003 | 426 | 51,629 | 1,045 | 26,520 | 3,880 | 2,433 | 498 | 86,005 | | **133,109** | 219,114 |
| 2004 | 254 | 82,827 | 1,030 | 35,895 | 5,167 | 2,822 | 455 | 128,196 | | 67,053 | 195,249 |
| 2005 | 141 | 17,409 | 312 | 10,597 | 769 | 1,203 | 335 | 30,625 | | **34,575** | 65,200 |
| 2006 | 200 | 37,077 | 83 | 24,416 | 2,523 | 1,782 | 353 | 66,234 | | 79,050 | 145,284 |
| 2007 | 73 | 9,307 | 0 | 3,546 | 0 | 540 | 107 | 13,500 | | 24,770 | 38,270 |
| 2008 | 358 | 20,999 | 0 | 28,908 | 737 | 738 | 390 | 51,772 | | 56,369 | 108,141 |
| 2009 | 326 | 11,931 | 346 | 15,352 | 37 | 2,059 | 460 | 30,185 | | 47,911 | 78,096 |
| 2010 | 427 | 29,028 | 379 | 37,732 | 1,501 | 449 | 344 | 69,433 | | 84,909 | 154,342 |
| 2011 | 219 | 19,329 | 1,201 | 13,861 | 747 | 1,184 | 299 | 36,621 | | 61,099 | 97,720 |
| 2012 | 164 | 11,421 | 0 | 15,426 | 682 | 397 | 210 | 28,136 | | 36,961 | 65,097 |
| 2013 | 355 | 25,419 | 873 | 41,766 | 696 | 1,014 | 445 | 70,213 | | 51,324 | 121,537 |
| 2014 | 88 | 10,792 | 0 | 13,737 | 245 | 958 | 513 | 26,245 | | 130,200 | 156,445 |
| 2015 | 90 | 10,558 | 576 | 11,552 | 409 | 988 | 361 | 24,444 | | 47,372 | 71,816 |
| 2016 | 56 | 2,412 | 0 | 10,771 | 237 | ***462*** | 305 | 14,187 | | 25,599 | 39,786 |
| 2000-2016 Avg. | | 26,607 | 473 | 22,771 | 1,345 | 1,356 | 351 | 52,903 | | 75,163 | 128,066 |

a The freshwater sport harvest is based on a mail-out survey; the 2016 catch was interpolated based on the relationship between escapement and freshwater sport harvest in 2000-2015.

Table 17.–Estimated harvest (by gear type) and escapement as a percent of the total Auke Creek coho salmon run, 1980–2016.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Percent of Run | |  |  |
|  | Sample |  |  | Drift |  | Total |  | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Catch | Escapement | Return |
| 1980 | 15 | 13.5 | 0.0 | 3.3 | 2.8 | 19.6 | 80.4 | 100.0 |
| 1981 | 70 | 28.7 | 0.0 | 3.2 | 1.9 | 33.8 | 66.2 | 100.0 |
| 1982 | 45 | 20.2 | 15.8 | 3.2 | 0.3 | 39.5 | 60.5 | 100.0 |
| 1983 | 129 | 31.1 | 0.8 | 2.3 | 9.8 | 44.0 | 56.0 | 100.0 |
| 1984 | 124 | 34.0 | 0.7 | 1.2 | 4.7 | 40.5 | 59.5 | 100.0 |
| 1985 | 177 | 35.3 | 0.2 | 4.2 | 4.3 | 44.0 | 56.0 | 100.0 |
| 1986 | 110 | 43.2 | 0.2 | 6.2 | 3.8 | 53.4 | 46.6 | 100.0 |
| 1987 | 145 | 37.2 | 0.2 | 4.1 | 2.0 | 43.3 | 56.7 | 100.0 |
| 1988 | 145 | 25.5 | 1.0 | 6.0 | 4.6 | 37.1 | 62.9 | 100.0 |
| 1989 | 182 | 48.2 | 0.6 | 1.4 | 4.4 | 54.6 | 45.4 | 100.0 |
| 1990 | 168 | 42.8 | 1.0 | 3.8 | 5.3 | 53.0 | 47.0 | 100.0 |
| 1991 | 47 | 17.0 | 0.7 | 12.9 | 0.9 | 31.5 | 68.5 | 100.0 |
| 1992 | 53 | 32.2 | 0.5 | 10.5 | 2.5 | 45.6 | 54.4 | 100.0 |
| 1993 | 169 | 38.5 | 0.5 | 5.8 | 1.2 | 45.9 | 54.1 | 100.0 |
| 1994 | 330 | 34.8 | 7.3 | 7.1 | 3.7 | 53.0 | 47.0 | 100.0 |
| 1995 | 82 | 32.2 | 0.6 | 7.9 | 3.2 | 43.9 | 56.1 | 100.0 |
| 1996 | 160 | 39.1 | 1.0 | 11.7 | 3.2 | 54.9 | 45.1 | 100.0 |
| 1997 | 43 | 12.4 | 0.5 | 0.0 | 6.6 | 19.6 | 80.4 | 100.0 |
| 1998 | 157 | 30.9 | 1.2 | 3.0 | 3.8 | 39.0 | 61.0 | 100.0 |
| 1999 | 160 | 33.8 | 0.3 | 4.0 | 2.9 | 41.1 | 58.9 | 100.0 |
| 2000 | 103 | 23.5 | 0.6 | 2.4 | 3.0 | 29.5 | 70.5 | 100.0 |
| 2001 | 149 | 30.9 | 0.7 | 2.9 | 3.9 | 38.5 | 61.5 | 100.0 |
| 2002 | 125 | 18.0 | 0.5 | 4.8 | 3.2 | 26.5 | 73.5 | 100.0 |
| 2003 | 97 | 23.3 | 0.4 | 6.5 | 5.0 | 35.3 | 64.7 | 100.0 |
| 2004 | 62 | 26.6 | 6.3 | 9.5 | 2.0 | 44.4 | 55.6 | 100.0 |
| 2005 | 66 | 33.0 | 0.0 | 0.8 | 4.3 | 38.1 | 61.9 | 100.0 |
| 2006 | 80 | 22.3 | 0.0 | 8.8 | 3.0 | 34.0 | 66.0 | 100.0 |
| 2007 | 47 | 25.0 | 1.1 | 5.6 | 2.6 | 34.3 | 65.7 | 100.0 |
| 2008 | 105 | 29.9 | 0.0 | 7.8 | 0.9 | 38.6 | 61.4 | 100.0 |
| 2009 | 75 | 30.2 | 0.0 | 7.8 | 1.3 | 39.3 | 60.7 | 100.0 |
| 2010 | 86 | 25.3 | 0.0 | 17.5 | 2.9 | 45.6 | 54.4 | 100.0 |
| 2011 | 79 | 17.3 | 3.9 | 11.7 | 2.0 | 34.9 | 65.1 | 100.0 |
| 2012 | 65 | 19.7 | 0.4 | 0.6 | 1.6 | 22.3 | 77.7 | 100.0 |
| 2013 | 128 | 32.1 | 2.2 | 5.5 | 2.1 | 41.9 | 58.1 | 100.0 |
| 2014 | 86 | 13.8 | 0.0 | 5.6 | 1.1 | 20.4 | 79.6 | 100.0 |
| 2015 | 44 | 20.3 | 0.3 | 2.0 | 2.5 | 25.1 | 74.9 | 100.0 |
| 2016 | 22 | 7.3 | 0.0 | 17.9 | 0.0 | 25.3 | 74.7 | 100.0 |
| Average |  | 27.8 | 1.3 | 5.9 | 3.1 | 38.1 | 61.9 | 100.0 |

Table 18.–Estimated harvest (by gear type) and escapement as a percent of the total Berners River coho salmon run based on the unadjusted escapement survey count, 1982–2016.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Percent of Total Run | | | |  |  |
|  | Sample |  |  | Drift |  | B.C. | Cost | Total |  | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Net | Recovery | Catch | Escapement | Run |
| 1974 | 157 | 50.1 | 2.2 | 25.1 | 0.0 | 0.0 | 0.0 | 77.4 | 22.6 | 100.0 |
| 1978 | 124 | 49.8 | 0.0 | 28.6 | 0.0 | 0.0 | 0.0 | 78.4 | 21.6 | 100.0 |
| 1979 | 84 | 46.0 | 3.9 | 16.7 | 0.9 | 0.0 | 0.0 | 67.5 | 32.5 | 100.0 |
| 1982 | 52 | 43.4 | 0.0 | 33.6 | 0.0 | 0.0 | 0.0 | 77.0 | 23.0 | 100.0 |
| 1983 | 125 | 49.9 | 0.0 | 20.3 | 1.2 | 0.0 | 0.0 | 71.4 | 28.6 | 100.0 |
| 1984 | - | - | - | - | - | - | - | - | - | - |
| 1985 | 93 | 44.6 | 1.2 | 28.8 | 0.0 | 0.0 | 0.0 | 74.7 | 25.3 | 100.0 |
| 1986 | 159 | 54.9 | 0.0 | 35.7 | 2.3 | 0.0 | 0.0 | 92.9 | 7.1 | 100.0 |
| 1987 | 52 | 51.7 | 0.0 | 23.8 | 1.2 | 0.0 | 0.0 | 76.6 | 23.4 | 100.0 |
| 1988 | 102 | 40.0 | 1.1 | 40.9 | 0.0 | 0.0 | 0.0 | 82.0 | 18.0 | 100.0 |
| 1989 | 58 | 53.6 | 0.0 | 8.4 | 0.0 | 0.0 | 0.0 | 62.0 | 38.0 | 100.0 |
| 1990 | 471 | 44.2 | 0.5 | 21.6 | 1.1 | 0.0 | 0.0 | 67.5 | 32.5 | 100.0 |
| 1991 | 1,025 | 18.4 | 0.8 | 47.6 | 0.2 | 0.0 | 0.0 | 67.0 | 33.0 | 100.0 |
| 1992 | 701 | 33.3 | 1.1 | 31.9 | 0.4 | 0.0 | 0.0 | 66.7 | 33.3 | 100.0 |
| 1993 | 1,498 | 38.9 | 0.3 | 28.8 | 0.4 | 0.0 | 0.0 | 68.4 | 31.6 | 100.0 |
| 1994 | 2,644 | 37.3 | 1.9 | 38.0 | 1.1 | 0.0 | 0.0 | 78.3 | 21.7 | 100.0 |
| 1995 | 1,383 | 30.4 | 0.1 | 51.6 | 0.7 | 0.0 | 0.0 | 82.8 | 17.2 | 100.0 |
| 1996 | 601 | 44.5 | 1.0 | 27.2 | 1.7 | 0.0 | 0.0 | 74.4 | 25.6 | 100.0 |
| 1997 | 312 | 16.0 | 1.5 | 14.7 | 1.8 | 0.0 | 0.1 | 34.2 | 65.8 | 100.0 |
| 1998 | 613 | 45.1 | 1.7 | 22.6 | 1.3 | 0.0 | 0.0 | 70.6 | 29.4 | 100.0 |
| 1999 | 948 | 38.8 | 0.6 | 28.9 | 1.7 | 0.0 | 0.0 | 70.1 | 29.9 | 100.0 |
| 2000 | 692 | 22.4 | 0.8 | 24.8 | 2.3 | 0.0 | 0.0 | 50.4 | 49.6 | 100.0 |
| 2001 | 747 | 27.4 | 0.6 | 11.0 | 1.1 | 0.0 | 0.0 | 40.0 | 60.0 | 100.0 |
| 2002 | 787 | 17.4 | 0.6 | 24.2 | 2.2 | 0.0 | 0.0 | 44.4 | 55.6 | 100.0 |
| 2003 | 1,328 | 23.4 | 0.9 | 39.1 | 1.9 | 0.0 | 0.0 | 65.3 | 34.7 | 100.0 |
| 2004 | 756 | 32.5 | 0.3 | 22.2 | 1.5 | 0.0 | 0.0 | 56.4 | 43.6 | 100.0 |
| 2005 | 392 | 36.4 | 1.0 | 20.0 | 1.8 | 0.0 | 0.0 | 59.1 | 40.9 | 100.0 |
| 2006 | 701 | 25.8 | 0.0 | 38.9 | 0.7 | 0.0 | 0.0 | 65.4 | 34.6 | 100.0 |
| 2007 | 293 | 33.7 | 0.5 | 19.1 | 1.8 | 0.0 | 0.0 | 55.1 | 44.9 | 100.0 |
| 2008 | 423 | 27.0 | 0.0 | 24.1 | 1.0 | 0.0 | 0.0 | 52.2 | 47.8 | 100.0 |
| 2009 | 201 | 30.1 | 0.7 | 21.9 | 1.9 | 0.0 | 0.0 | 54.6 | 45.4 | 100.0 |
| 2010 | 324 | 29.6 | 0.5 | 33.3 | 2.2 | 0.0 | 0.0 | 65.5 | 34.5 | 100.0 |
| 2011 | 174 | 30.9 | 2.1 | 15.8 | 0.9 | 0.0 | 0.0 | 49.7 | 50.3 | 100.0 |
| 2012 | 159 | 24.3 | 0.0 | 10.9 | 0.6 | 0.0 | 0.0 | 35.8 | 64.2 | 100.0 |
| 2013 | 374 | 35.7 | 1.8 | 29.9 | 2.9 | 0.0 | 0.0 | 70.2 | 29.8 | 100.0 |
| 2014 | 287 | 16.1 | 0.0 | 23.4 | 2.3 | 0.0 | 0.0 | 41.9 | 58.1 | 100.0 |
| 2015 | 306 | 22.6 | 0.8 | 11.9 | 1.1 | 0.0 | 0.0 | 36.5 | 63.5 | 100.0 |
| 2016 | 173 | 9.2 | 0.1 | 22.1 | 0.9 | 0.0 | 0.0 | 32.3 | 67.7 | 100.0 |
| Average | | 34.5 | 0.8 | 26.1 | 1.2 | 0.0 | 0.0 | 62.6 | 37.4 | 100.0 |

Table 18b.–Estimated harvest (by gear type) and escapement as a percent of the total Berners River coho salmon run based on the expanded escapement survey count, 1989–2016.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Percent of Total Run | | | |  |  |
|  | Sample |  |  | Drift |  | B.C. | Cost | Total |  | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Net | Recovery | Catch | Escapement | Run |
| 1989 | 58 | 49.1 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 56.8 | 43.2 | 100.0 |
| 1990 | 471 | 41.0 | 0.5 | 20.1 | 1.0 | 0.0 | 0.0 | 62.6 | 37.4 | 100.0 |
| 1991 | 1,025 | 17.1 | 0.8 | 44.1 | 0.2 | 0.0 | 0.0 | 62.1 | 37.9 | 100.0 |
| 1992 | 701 | 30.8 | 1.0 | 29.5 | 0.4 | 0.0 | 0.0 | 61.8 | 38.2 | 100.0 |
| 1993 | 1,498 | 36.2 | 0.3 | 26.8 | 0.3 | 0.0 | 0.0 | 63.6 | 36.4 | 100.0 |
| 1994 | 2,644 | 35.4 | 1.8 | 36.1 | 1.0 | 0.0 | 0.0 | 74.4 | 25.6 | 100.0 |
| 1995 | 1,383 | 29.2 | 0.1 | 49.6 | 0.7 | 0.0 | 0.0 | 79.5 | 20.5 | 100.0 |
| 1996 | 601 | 41.9 | 0.9 | 25.6 | 1.6 | 0.0 | 0.0 | 70.1 | 29.9 | 100.0 |
| 1997 | 312 | 13.9 | 1.3 | 12.7 | 1.6 | 0.0 | 0.1 | 29.6 | 70.4 | 100.0 |
| 1998 | 613 | 42.1 | 1.6 | 21.1 | 1.2 | 0.0 | 0.0 | 65.9 | 34.1 | 100.0 |
| 1999 | 948 | 36.2 | 0.6 | 26.9 | 1.6 | 0.0 | 0.0 | 65.4 | 34.6 | 100.0 |
| 2000 | 692 | 20.0 | 0.7 | 22.2 | 2.1 | 0.0 | 0.0 | 45.0 | 55.0 | 100.0 |
| 2001 | 747 | 23.9 | 0.5 | 9.6 | 0.9 | 0.0 | 0.0 | 34.9 | 65.1 | 100.0 |
| 2002 | 787 | 15.3 | 0.6 | 21.4 | 1.9 | 0.0 | 0.0 | 39.1 | 60.9 | 100.0 |
| 2003 | 1,328 | 21.6 | 0.8 | 36.1 | 1.7 | 0.0 | 0.0 | 60.2 | 39.8 | 100.0 |
| 2004 | 756 | 29.4 | 0.2 | 20.1 | 1.4 | 0.0 | 0.0 | 51.1 | 48.9 | 100.0 |
| 2005 | 392 | 33.1 | 0.9 | 18.2 | 1.7 | 0.0 | 0.0 | 53.8 | 46.2 | 100.0 |
| 2006 | 701 | 23.8 | 0.0 | 35.9 | 0.6 | 0.0 | 0.0 | 60.4 | 39.6 | 100.0 |
| 2007 | 293 | 30.4 | 0.4 | 17.3 | 1.7 | 0.0 | 0.0 | 49.7 | 50.3 | 100.0 |
| 2008 | 423 | 24.2 | 0.0 | 21.7 | 0.9 | 0.0 | 0.0 | 46.8 | 53.2 | 100.0 |
| 2009 | 201 | 27.2 | 0.6 | 19.7 | 1.7 | 0.0 | 0.0 | 49.2 | 50.8 | 100.0 |
| 2010 | 324 | 27.3 | 0.5 | 30.7 | 2.0 | 0.0 | 0.0 | 60.5 | 39.5 | 100.0 |
| 2011 | 174 | 27.6 | 1.9 | 14.1 | 0.8 | 0.0 | 0.0 | 44.3 | 55.7 | 100.0 |
| 2012 | 159 | 21.0 | 0.0 | 9.4 | 0.5 | 0.0 | 0.0 | 31.0 | 69.0 | 100.0 |
| 2013 | 787 | 33.3 | 1.6 | 27.8 | 2.7 | 0.0 | 0.0 | 65.5 | 34.5 | 100.0 |
| 2014 | 1,328 | 14.2 | 0.0 | 20.5 | 2.1 | 0.0 | 0.0 | 36.8 | 63.2 | 100.0 |
| 2015 | 756 | 19.6 | 0.7 | 10.4 | 1.0 | 0.0 | 0.0 | 31.6 | 68.4 | 100.0 |
| 2016 | 392 | 7.9 | 0.1 | 19.0 | 0.8 | 0.0 | 0.0 | 27.8 | 72.2 | 100.0 |
| Average | | 27.6 | 0.7 | 23.4 | 1.2 | 0.0 | 0.0 | 52.8 | 47.2 | 100.0 |

Table 19.–Estimated harvest (by gear type) and escapement as a percent of the total Ford Arm Creek coho salmon run, 1982–2015.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  | Percent of Run | |  |  |  |
|  | Sample |  |  | Drift |  | Canadian | Total |  | Total |
| Year | Size | Troll | Seine | Gillnet | Sport | Troll | Catch | Escapement | Run |
| 1982 | 38 | 41.1 | 2.3 | 0.0 | 0.0 | 0.0 | 43.4 | 56.6 | 100.0 |
| 1983 | 93 | 54.0 | 14.7 | 0.0 | 0.0 | 0.0 | 68.8 | 31.2 | 100.0 |
| 1984 | - | - | - | - | - | - | - | - | - |
| 1985 | 49 | 51.6 | 0.0 | 0.0 | 0.0 | 0.0 | 51.6 | 48.4 | 100.0 |
| 1986 | 87 | 60.6 | 1.5 | 0.0 | 0.0 | 0.0 | 62.1 | 37.9 | 100.0 |
| 1987 | 71 | 45.1 | 2.5 | 0.0 | 0.0 | 0.0 | 47.6 | 52.4 | 100.0 |
| 1988 | 151 | 46.8 | 0.8 | 0.0 | 0.0 | 0.5 | 48.1 | 51.9 | 100.0 |
| 1989 | 221 | 61.7 | 3.0 | 0.0 | 0.0 | 0.0 | 64.7 | 35.3 | 100.0 |
| 1990 | 174 | 56.5 | 1.9 | 0.0 | 0.0 | 0.0 | 58.4 | 41.6 | 100.0 |
| 1991 | 193 | 53.2 | 0.7 | 0.2 | 0.0 | 0.0 | 54.1 | 45.9 | 100.0 |
| 1992 | 199 | 56.2 | 2.5 | 0.0 | 0.0 | 0.0 | 58.7 | 41.3 | 100.0 |
| 1993 | 349 | 61.7 | 3.5 | 0.0 | 1.4 | 0.0 | 66.5 | 33.5 | 100.0 |
| 1994 | 236 | 59.7 | 8.9 | 0.0 | 3.3 | 0.0 | 71.9 | 28.1 | 100.0 |
| 1995 | 91 | 52.8 | 11.2 | 0.0 | 0.0 | 0.0 | 64.0 | 36.0 | 100.0 |
| 1996 | 64 | 52.6 | 0.0 | 0.0 | 4.8 | 0.0 | 57.4 | 42.6 | 100.0 |
| 1997 | 241 | 48.1 | 0.0 | 0.0 | 3.6 | 0.0 | 51.7 | 48.3 | 100.0 |
| 1998 | 315 | 48.6 | 2.7 | 0.1 | 4.9 | 0.0 | 56.3 | 43.7 | 100.0 |
| 1999 | 145 | 57.8 | 0.6 | 0.0 | 4.3 | 0.0 | 62.7 | 37.3 | 100.0 |
| 2000 | 193 | 57.2 | 11.4 | 0.2 | 2.6 | 0.0 | 71.4 | 28.6 | 100.0 |
| 2001 | 131 | 67.5 | 1.3 | 0.0 | 5.6 | 0.0 | 74.4 | 25.6 | 100.0 |
| 2002 | 246 | 38.0 | 8.3 | 0.0 | 6.6 | 0.0 | 53.0 | 47.0 | 100.0 |
| 2003 | 225 | 31.4 | 3.8 | 0.0 | 13.4 | 0.0 | 48.6 | 51.4 | 100.0 |
| 2004 | 153 | 63.8 | 4.3 | 0.0 | 2.6 | 0.0 | 70.8 | 29.2 | 100.0 |
| 2005 | 81 | 50.7 | 0.6 | 0.0 | 6.6 | 0.0 | 57.9 | 42.1 | 100.0 |
| 2006 | 137 | 39.4 | 3.7 | 0.0 | 8.6 | 0.0 | 51.7 | 48.3 | 100.0 |
| 2007 | 188 | 65.5 | 2.5 | 0.1 | 2.3 | 0.0 | 70.4 | 29.6 | 100.0 |
| 2008 | 231 | 41.3 | 9.5 | 0.0 | 2.5 | 0.0 | 53.2 | 46.8 | 100.0 |
| 2009 | 156 | 64.6 | 3.5 | 0.0 | 1.3 | 0.0 | 69.4 | 30.6 | 100.0 |
| 2010 | 96 | 48.0 | 13.0 | 0.0 | 3.0 | 0.0 | 64.0 | 36.0 | 100.0 |
| 2011 | 52 | 24.1 | 57.6 | 0.0 | 0.7 | 0.0 | 82.4 | 17.6 | 100.0 |
| 2012 | 117 | 46.4 | 14.5 | 0.0 | 2.4 | 0.0 | 63.3 | 36.7 | 100.0 |
| 2013 | 122 | 46.9 | 28.3 | 0.0 | 3.3 | 0.0 | 78.5 | 21.5 | 100.0 |
| 2014 | 103 | 45.8 | 22.3 | 0.0 | 3.8 | 0.0 | 71.9 | 28.1 | 100.0 |
| 2015 | 71 | 44.9 | 5.5 | 0.0 | 1.7 | 0.0 | 52.2 | 47.8 | 100.0 |
| Average |  | 51.0 | 7.5 | 0.0 | 2.7 | 0.0 | 61.2 | 38.8 | 100.0 |

Table 20.–Estimated harvest (by gear type) and escapement as a percent of the total Hugh Smith Lake coho salmon run, 1982–2016.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Fishery |  |  |  |  | Percent of Run | | |  |  |  |  | |
|  | Sample | Alaska | Alaska | Alaska | Alaska | Alaska | B.C. | B.C. | B.C. | Total |  | | Total |
| Year | Size | Troll | Seine | Gillnet | Trap | Sport | Troll | Net | Sport | Catch | Escapement | | Return |
| 1982 | 91 | 45.0 | 10.2 | 3.3 | 0.0 | 0.0 | 5.2 | 1.4 | 0.0 | 65.0 | 35.0 | | 100.0 |
| 1983 | 185 | 35.5 | 10.9 | 7.1 | 1.3 | 0.0 | 5.5 | 1.3 | 0.0 | 61.6 | 38.4 | | 100.0 |
| 1984 | 151 | 31.5 | 12.5 | 11.7 | 0.5 | 0.0 | 8.2 | 0.7 | 0.0 | 65.0 | 35.0 | | 100.0 |
| 1985 | 213 | 35.6 | 11.8 | 5.6 | 0.2 | 0.0 | 8.2 | 1.6 | 0.0 | 63.0 | 37.0 | | 100.0 |
| 1986 | 256 | 36.6 | 11.3 | 4.9 | 0.0 | 0.4 | 5.4 | 0.7 | 0.0 | 59.2 | 40.8 | | 100.0 |
| 1987 | 99 | 29.3 | 3.6 | 6.6 | 0.2 | 1.3 | 6.9 | 2.4 | 0.0 | 50.2 | 49.8 | | 100.0 |
| 1988 | 41 | 27.6 | 14.0 | 5.3 | 0.0 | 0.0 | 16.4 | 1.8 | 0.0 | 65.2 | 34.8 | | 100.0 |
| 1989 | 91 | 50.6 | 13.3 | 10.3 | 0.0 | 2.6 | 4.4 | 0.8 | 0.0 | 82.0 | 18.0 | | 100.0 |
| 1990 | 263 | 37.6 | 11.8 | 13.3 | 0.5 | 0.0 | 17.5 | 1.1 | 0.0 | 81.9 | 18.1 | | 100.0 |
| 1991 | 399 | 36.5 | 3.3 | 16.3 | 0.0 | 0.7 | 10.6 | 0.8 | 0.0 | 68.2 | 31.8 | | 100.0 |
| 1992 | 497 | 37.9 | 13.8 | 12.3 | 0.0 | 0.8 | 5.9 | 0.2 | 0.0 | 70.9 | 29.1 | | 100.0 |
| 1993 | 155 | 52.5 | 6.3 | 15.7 | 0.0 | 0.0 | 4.9 | 1.0 | 0.0 | 80.4 | 19.6 | | 100.0 |
| 1994 | 838 | 45.8 | 11.9 | 15.3 | 0.0 | 0.5 | 7.3 | 0.6 | 0.1 | 81.5 | 18.5 | | 100.0 |
| 1995 | 432 | 30.1 | 14.1 | 23.7 | 0.0 | 1.5 | 3.5 | 0.4 | 0.2 | 73.5 | 26.5 | | 100.0 |
| 1996 | 502 | 40.2 | 15.8 | 12.3 | 0.0 | 3.2 | 3.2 | 1.0 | 0.4 | 75.9 | 24.1 | | 100.0 |
| 1997 | 480 | 49.0 | 4.0 | 14.7 | 0.0 | 1.7 | 3.4 | 0.0 | 0.0 | 72.8 | 27.2 | | 100.0 |
| 1998 | 668 | 40.5 | 10.8 | 22.4 | 0.0 | 3.4 | 0.0 | 0.0 | 0.3 | 77.5 | 22.5 | | 100.0 |
| 1999 | 623 | 41.6 | 6.7 | 17.2 | 0.0 | 4.3 | 0.0 | 0.0 | 0.7 | 70.5 | 29.5 | | 100.0 |
| 2000 | 161 | 36.3 | 3.4 | 8.6 | 0.0 | 7.2 | 0.0 | 0.0 | 0.0 | 55.4 | 44.6 | | 100.0 |
| 2001 | 314 | 22.3 | 14.6 | 10.4 | 0.0 | 1.9 | 0.2 | 0.0 | 0.0 | 49.3 | 50.7 | | 100.0 |
| 2002 | 434 | 16.5 | 8.3 | 10.3 | 0.0 | 1.7 | 1.2 | 0.0 | 1.1 | 39.1 | 60.9 | | 100.0 |
| 2003 | 335 | 24.3 | 9.6 | 18.8 | 0.0 | 2.9 | 2.5 | 0.8 | 0.0 | 58.9 | 41.1 | | 100.0 |
| 2004 | 244 | 40.8 | 7.9 | 9.7 | 0.0 | 2.4 | 1.9 | 0.8 | 2.8 | 66.3 | 33.7 | | 100.0 |
| 2005 | 256 | 31.8 | 3.4 | 14.6 | 0.0 | 1.6 | 1.0 | 0.2 | 0.0 | 52.6 | 47.4 | | 100.0 |
| 2006 | 169 | 36.5 | 3.3 | 8.8 | 0.0 | 0.4 | 1.8 | 0.0 | 3.0 | 53.7 | 46.3 | | 100.0 |
| 2007 | 294 | 38.1 | 5.3 | 9.1 | 0.0 | 2.2 | 1.7 | 0.3 | 5.6 | 62.4 | 37.6 | | 100.0 |
| 2008 | 302 | 19.0 | 6.5 | 20.6 | 0.0 | 0.9 | 1.6 | 0.3 | 5.1 | 53.9 | 46.1 | | 100.0 |
| 2009 | 253 | 23.9 | 6.1 | 11.0 | 0.0 | 0.4 | 6.0 | 0.0 | 0.4 | 48.0 | 52.0 | | 100.0 |
| 2010 | 632 | 22.2 | 5.3 | 12.8 | 0.0 | 0.7 | 4.0 | 0.0 | 1.9 | 46.9 | 53.1 | | 100.0 |
| 2011 | 376 | 19.8 | 3.8 | 10.6 | 0.0 | 0.6 | 4.8 | 0.1 | 6.1 | 45.7 | 54.3 | | 100.0 |
| 2012 | 542 | 19.7 | 8.4 | 16.9 | 0.0 | 1.0 | 4.1 | 0.0 | 4.2 | 54.2 | 45.8 | | 100.0 |
| 2013 | 552 | 25.4 | 11.1 | 11.5 | 0.0 | 1.6 | 4.1 | 0.5 | 1.8 | 55.9 | 44.1 | | 100.0 |
| 2014 | 566 | 24.3 | 5.2 | 10.4 | 0.0 | 1.6 | 2.8 | 0.0 | 2.4 | 46.7 | 53.3 | | 100.0 |
| 2015 | 203 | 24.1 | 5.7 | 13.9 | 0.0 | 1.2 | 5.2 | 0.3 | 0.6 | 51.1 | 48.9 | | 100.0 |
| 2016 | 123 | 31.1 | 6.1 | 17.4 | 0.0 | 3.6 | 1.6 | 0.0 | 1.7 | 61.6 | 38.4 | | 100.0 |
| Average | | 33.1 | 8.6 | 12.4 | 0.1 | 1.5 | 4.6 | 0.5 | 1.1 | 61.9 | 38.1 | | 100.0 |

Table 7.–Total coho smolt and presmolt production estimates for six wild coho salmon-producing systems in Southeast Alaska by age-.1 return year, 1980–2016, with preliminary estimates for 2017.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Auke | Berners | Chilkat | Taku | Hugh Smith | Ford Arm |
| Return | Creek | River | River | River | Lake | Creek |
| Year | Smolts | Smolts | Smolts | Smolts | Smolts | Pre-smolts |
| 1980 | 8,789 | - | - | - | - | - |
| 1981 | 10,714 | - | - | - | - | - |
| 1982 | 6,967 | - | - | - | - | 79,059 |
| 1983 | 6,849 | - | - | - | 29,117 | 63,686 |
| 1984 | 6,901 | - | - | - | 53,227 | - |
| 1985 | 6,838 | - | - | - | 32,283 | 38,509 |
| 1986 | 5,852 | - | - | - | 23,572 | 45,748 |
| 1987 | 5,617 | - | - | - | 21,878 | 70,322 |
| 1988 | 7,014 | - | - | - | 36,218 | 88,983 |
| 1989 | 7,685 | - | - | - | 27,904 | 51,658 |
| 1990 | 7,011 | 163,998 | - | - | 26,620 | 54,851 |
| 1991 | 5,137 | 141,291 | - | - | 33,101 | 56,284 |
| 1992 | 5,690 | 187,688 | - | 1,080,551 | 23,373 | 61,728 |
| 1993 | 6,596 | 326,312 | - | 1,510,032 | 32,657 | 57,401 |
| 1994 | 8,647 | 255,519 | - | 1,475,874 | 48,434 | 82,893 |
| 1995 | 7,495 | 181,503 | - | 1,525,330 | 49,516 | 134,640 |
| 1996 | 4,884 | 194,019 | - | 986,489 | 22,267 | 91,605 |
| 1997 | 3,934 | 133,629 | - | 759,763 | 32,294 | 66,772 |
| 1998 | 6,111 | 139,959 | - | 853,662 | 37,436 | 80,517 |
| 1999 | 7,420 | 252,168 | - | 1,184,195 | 29,875 | 132,655 |
| 2000 | 5,233 | 183,023 | 1,237,056 | 1,691,411 | 19,902 | 62,444 |
| 2001 | 4,969 | 268,777 | 1,185,804 | 1,811,038 | 23,327 | 102,610 |
| 2002 | 5,980 | 264,599 | 2,970,458 | 2,741,593 | 36,487 | 102,918 |
| 2003 | 3,616 | 148,513 | 1,696,212 | 2,737,851 | 26,841 | 77,081 |
| 2004 | 3,695 | 185,125 | 1,938,322 | 2,961,344 | 22,997 | 101,579 |
| 2005 | 4,549 | 144,778 | 776,934 | 3,755,274 | 39,924 | 120,632 |
| 2006 | 4,287 | 124,070 | 1,807,837 | 2,149,673 | 28,184 | 98,470 |
| 2007 | 4,515 | 114,648 | 875,478 | 3,035,547 | 37,267 | 84,017 |
| 2008 | 4,053 | 89,169 | 893,032 | 2,021,243 | 28,793 | 72,315 |
| 2009 | 3,815 | 102,318 | 716,689 | 2,803,021 | 24,006 | 96,180 |
| 2010 | 4,667 | 160,627 | 872,829 | 2,270,500 | 25,813 | 64,349 |
| 2011 | 6,053 | 130,727 | 1,026,314 | 1,526,065 | 37,742 | 85,428 |
| 2012 | 10,333 | 112,305 | 1,229,468 | 1,463,444 | 32,482 | 86,174 |
| 2013 | 6,143 | 151,016 | 788,387 | 1,338,435 | 41,093 | 99,144 |
| 2014 | 9,575 | 232,019 | 875,312 | 1,155,192 | 47,247 | 151,913 |
| 2015 | 5,793 | 172,588 | 639,750 | 670,139 | 33,860 | 104,490 |
| 2016 | 6,418 | 181,735 | 688,274 | 1,874,546 | 38,808 | - |
| 2017 | 9,320 | 308,612a | - | - | 33,756a | - |
| Average | 6,212 | 175,634 | 1,189,303 | 1,815,288 | 32,487 | 83,850 |

a  2017 estimates for the Berners River and Hugh Smith Lake are preliminary predictions based on mark-recovery samples from downstream smolt traps and jack returns, respectively.

Table 8.–Estimated survival rate (percent) of coho salmon smolts and presmolts from six wild Southeast Alaska indicator stocks from the time of tagging until return to the fisheries, 1980–2016.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Auke | Berners | Chilkat | Taku | Hugh Smith | Ford Arm |
| Return | Creek | River | River | River | Lake | Creek |
| Year | Smolts | Smolts | Smolts | Smolts | Smolts | Pre-smolts |
| 1980 | 9.9 | - | - | - | - | - |
| 1981 | 9.1 | - | - | - | - | - |
| 1982 | 10.6 | - | - | - | - | 5.9 |
| 1983 | 18.1 | - | - | - | 13.3 | 9.7 |
| 1984 | 15.9 | - | - | - | 7.6 | - |
| 1985 | 24.6 | - | - | - | 7.6 | 12.5 |
| 1986 | 16.6 | - | - | - | 18.5 | 9.0 |
| 1987 | 21.0 | - | - | - | 10.3 | 4.6 |
| 1988 | 17.1 | - | - | - | 4.1 | 6.8 |
| 1989 | 14.4 | - | - | - | 8.6 | 11.9 |
| 1990 | 21.1 | 22.3 | - | - | 18.0 | 9.6 |
| 1991 | 23.0 | 26.7 | - | - | 17.4 | 10.7 |
| 1992 | 33.0 | 26.5 | - | 19.7 | 20.9 | 15.1 |
| 1993 | 24.1 | 16.4 | - | 16.5 | 13.0 | 21.9 |
| 1994 | 35.3 | 30.2 | - | 23.0 | 19.5 | 13.9 |
| 1995 | 10.9 | 16.5 | - | 11.9 | 13.5 | 5.0 |
| 1996 | 23.4 | 12.9 | - | 9.6 | 17.7 | 6.4 |
| 1997 | 19.2 | 13.3 | - | 6.7 | 8.3 | 14.6 |
| 1998 | 23.1 | 17.7 | - | 14.0 | 11.7 | 20.0 |
| 1999 | 19.3 | 14.1 | - | 9.9 | 14.1 | 7.7 |
| 2000 | 18.5 | 13.1 | 10.1 | 6.5 | 6.8 | 12.9 |
| 2001 | 28.3 | 13.7 | 13.1 | 9.0 | 13.4 | 8.4 |
| 2002 | 26.8 | 21.4 | 11.4 | 11.1 | 14.8 | 14.7 |
| 2003 | 25.0 | 21.2 | 12.9 | 9.7 | 13.7 | 17.1 |
| 2004 | 20.2 | 19.8 | 10.1 | 8.5 | 10.8 | 11.9 |
| 2005 | 16.0 | 9.7 | 8.4 | 5.9 | 9.1 | 8.4 |
| 2006 | 20.5 | 13.8 | 8.0 | 10.5 | 6.8 | 10.0 |
| 2007 | 11.9 | 8.4 | 4.4 | 4.4 | 8.9 | 10.3 |
| 2008 | 24.1 | 18.0 | 12.1 | 8.6 | 13.1 | 15.3 |
| 2009 | 15.5 | 10.1 | 10.9 | 8.0 | 18.3 | 7.4 |
| 2010 | 16.4 | 14.7 | 17.7 | 10.9 | 21.0 | 7.0 |
| 2011 | 13.1 | 10.3 | 9.5 | 8.5 | 10.4 | 12.7 |
| 2012 | 10.3 | 8.8 | 5.3 | 7.7 | 12.8 | 7.2 |
| 2013 | 20.8 | 15.0 | 15.4 | 10.7 | 16.7 | 7.4 |
| 2014 | 20.1 | 10.1 | 17.9 | 16.4 | 16.3 | 7.1 |
| 2015 | 12.0 | 8.2 | 11.2 | 15.5 | 5.7 | 6.6 |
| 2016 | 4.1 | 6.4 | 5.8 | 6.7 | 6.4 | - |
| Average | 18.7 | 15.5 | 10.8 | 10.8 | 12.6 | 10.6 |

Table 16.–Estimates of wild and hatchery commercial catch and troll catch, troll exploitation rate index, mean-average power troll wild coho CPUE, total troll effort, and total wild coho salmon abundance available in the Alaska troll fishery, in millions of fish, 1982–2016.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Alaska Troll | Estimated | Mean-Avg. | Troll Effort |  |  |  |
|  | Troll Catch (Millions of Fish) | | | Exploitation | Total Wild | Power Troll | (Power Troll | Commercial Catch (Millions of Fish) | | |
| Year | Total | Hatchery | Wild | Rate Indexa | Abundance | Wild CPUEb | Boat-Days)c | Total | Hatchery | Wild |
| 1982 | 1.322 | 0.036 | 1.286 | 34.3% | 3.752 | 47.4 | 67,039 | 2.103 | 0.062 | 2.041 |
| 1983 | 1.280 | 0.053 | 1.227 | 37.4% | 3.280 | 44.1 | 50,376 | 1.943 | 0.075 | 1.868 |
| 1984 | 1.134 | 0.071 | 1.062 | 37.0% | 2.868 | 38.7 | 50,502 | 1.881 | 0.121 | 1.760 |
| 1985 | 1.606 | 0.107 | 1.500 | 38.7% | 3.878 | 42.4 | 54,905 | 2.562 | 0.177 | 2.385 |
| 1986 | 2.130 | 0.280 | 1.850 | 44.0% | 4.200 | 47.7 | 61,356 | 3.259 | 0.394 | 2.865 |
| 1987 | 1.042 | 0.091 | 0.951 | 35.6% | 2.671 | 25.6 | 52,908 | 1.487 | 0.112 | 1.374 |
| 1988 | 0.500 | 0.028 | 0.472 | 30.6% | 1.544 | 21.5 | 38,866 | 1.036 | 0.049 | 0.987 |
| 1989 | 1.370 | 0.122 | 1.248 | 51.9% | 2.408 | 54.3 | 48,228 | 2.182 | 0.175 | 2.007 |
| 1990 | 1.851 | 0.292 | 1.560 | 43.5% | 3.586 | 43.9 | 48,291 | 2.740 | 0.413 | 2.327 |
| 1991 | 1.721 | 0.384 | 1.337 | 32.0% | 4.175 | 48.7 | 42,598 | 2.897 | 0.608 | 2.289 |
| 1992 | 1.929 | 0.420 | 1.509 | 39.3% | 3.845 | 51.1 | 45,478 | 3.424 | 0.739 | 2.685 |
| 1993 | 2.408 | 0.394 | 2.014 | 48.7% | 4.134 | 64.5 | 46,527 | 3.556 | 0.544 | 3.012 |
| 1994 | 3.462 | 0.515 | 2.947 | 44.2% | 6.669 | 89.1 | 51,912 | 5.520 | 0.732 | 4.788 |
| 1995 | 1.750 | 0.336 | 1.414 | 35.5% | 3.987 | 54.0 | 32,193 | 3.130 | 0.583 | 2.547 |
| 1996 | 1.907 | 0.449 | 1.458 | 42.2% | 3.453 | 57.0 | 29,779 | 2.986 | 0.626 | 2.360 |
| 1997 | 1.170 | 0.242 | 0.928 | 34.2% | 2.714 | 39.9 | 24,974 | 1.839 | 0.327 | 1.512 |
| 1998 | 1.636 | 0.329 | 1.307 | 38.3% | 3.413 | 57.8 | 26,150 | 2.751 | 0.547 | 2.204 |
| 1999 | 2.273 | 0.514 | 1.758 | 41.7% | 4.214 | 69.0 | 31,894 | 3.277 | 0.724 | 2.552 |
| 2000 | 1.125 | 0.249 | 0.876 | 35.4% | 2.476 | 43.8 | 22,557 | 1.688 | 0.354 | 1.334 |
| 2001 | 1.845 | 0.365 | 1.481 | 34.8% | 4.254 | 73.4 | 23,806 | 2.945 | 0.554 | 2.391 |
| 2002 | 1.315 | 0.335 | 0.980 | 21.4% | 4.578 | 63.7 | 20,394 | 2.487 | 0.605 | 1.882 |
| 2003 | 1.223 | 0.287 | 0.936 | 25.4% | 3.693 | 55.4 | 21,549 | 2.166 | 0.501 | 1.665 |
| 2004 | 1.917 | 0.312 | 1.605 | 39.7% | 4.040 | 76.7 | 26,776 | 2.858 | 0.451 | 2.407 |
| 2005 | 2.038 | 0.333 | 1.705 | 36.1% | 4.725 | 76.3 | 27,065 | 2.767 | 0.450 | 2.317 |
| 2006 | 1.363 | 0.217 | 1.146 | 31.4% | 3.653 | 55.6 | 25,862 | 1.841 | 0.266 | 1.575 |
| 2007 | 1.378 | 0.309 | 1.069 | 38.4% | 2.788 | 48.8 | 26,033 | 1.911 | 0.393 | 1.519 |
| 2008 | 1.293 | 0.274 | 1.019 | 27.8% | 3.668 | 49.0 | 24,799 | 2.040 | 0.396 | 1.644 |
| 2009 | 1.592 | 0.247 | 1.344 | 34.6% | 3.888 | 67.1 | 27,021 | 2.375 | 0.384 | 1.991 |
| 2010 | 1.343 | 0.285 | 1.058 | 28.6% | 3.695 | 50.3 | 31,157 | 2.286 | 0.470 | 1.815 |
| 2011 | 1.312 | 0.342 | 0.970 | 19.6% | 4.938 | 51.3 |  | 2.077 | 0.536 | 1.541 |
| 2012 | 1.201 | 0.310 | 0.891 | 25.3% | 3.526 | 45.6 |  | 1.883 | 0.443 | 1.440 |
| 2013 | 2.394 | 0.733 | 1.661 | 32.2% | 5.159 | 89.0 |  | 3.588 | 1.018 | 2.570 |
| 2014 | 2.245 | 0.620 | 1.625 | 24.3% | 6.692 | 79.5 |  | 3.361 | 0.912 | 2.449 |
| 2015 | 1.241 | 0.369 | 0.873 | 26.7% | 3.266 | 61.4 |  | 1.940 | 0.518 | 1.421 |
| 2016 | 1.387 | 0.338 | 1.049 | 22.8% | 4.606 | 52.9 |  | 2.098 | 0.449 | 1.649 |
| Total | 1.620 | 0.303 | 1.318 | 34.7% | 3.841 | 55.3 | 37,276 | 2.540 | 0.449 | 2.091 |

a Index of the exploitation rate on available wild coho salmon stocks by the Alaska troll fishery based on the following weightings: Auke Creek (40%), Hugh Smith Lake (40%), and Ford Arm Creek (20%).

b Average of estimates of wild coho salmon CPUE by power trollers during statistical weeks 28–38.

c Total troll effort in boat-days during statistical weeks 28-40, with hand troll effort converted to power troll equivalents.