

Figure 1.-Commercial harvest of wild and hatchery coho salmon in Southeast Alaska, 1890-2016, with a 10 pt LOESS trend.

Figure 2.–Map of Southeast Alaska and northern British Columbia, showing the locations of recent coho salmon full indicator stock assessment projects.



Figure 3.–Sport harvest in salt water and fresh water of coho salmon in Southeast Alaska based on the state-wide harvest survey, 1977–2015, with a preliminary estimate of combined fresh water and salt water harvest in 2016.



Figure 4.–Coho salmon escapement estimates and indices for streams in the Northern Inside area (districts 111 and 115) with current escapement goal bounds and 7 pt LOESS trends, 1980–2016.



Figure 5.–Coho salmon escapement estimates and indices for streams in the Sitka area (District 113) with 7 pt LOESS trends, 1982–2016.



Figure 6.–Sum of peak coho salmon escapement survey counts for 14 streams in the Ketchikan area (top graph) and coho salmon escapement counts and estimates for Hugh Smith Lake (bottom graph) with 7 pt LOESS trends, 1982–2016.



Figure 7.–Peak coho salmon escapement survey counts for 3 systems in the Yakutat area, 1972-2016, and escapement goal bounds.

Table 1.–Estimated coho salmon escapements for systems with formal escapement goals in Southeast Alaska, 2011–2016.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| System | Escapement Dataa | Type | Escapement Goal | Year Established | Escapement | | | | | | |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | |
| Hugh Smith Lake | Weir | BEG | 500–1,600 | 2009 | 2,137 | 1,908 | 3,048 | 4,110 | 956 | 948 | |
| Klawock River | Weir | SEG | 4,000–9,000 | 2013 | 5,572 | 7,507 | 8,323 | 7,698 | 12,780 | 24,242 | |
| Taku Rivera | MR | BEG | >35,000 | 2015 | 70,871 | 70,775 | 68,117 | 124,171 | 60,178 | 87,704 | |
| Auke Creek | Weir | BEG | 200–500 | 1994 | 517 | 837 | 736 | 1,533 | 577 | 204 | |
| Montana Creek | FS, IE | SEG | 400–1,200 | 2006 | 709 | 394 | 367 | 911 | 1,204 | 746 | |
| Peterson Creek | FS, IE | SEG | 100–250 | 2006 | 138 | 190 | 126 | 284 | 202 | | 52 |
| Ketchikan Survey Index | HS | BEG | 4,250–8,500 | 2006 | 5,098 | 11,960 | 11,295 | 16,675 | 9,750 | 13,420 | |
| Sitka Survey Index | FS, IE | BEG | 400–800 | 2006 | 2,222 | 1,157 | 1,414 | 2,161 | 2,244 | 2,943 | |
| Ford Arm Lake | Weir | BEG | 1,300–2,900 | 1994 | 1,908 | 2,282 | 1,573 | 3,025 | 3,281 | NA | |
| Berners River | MR | BEG | 4,000–9,200 | 1994 | 6,050 | 5,480 | 6,280 | 15,480 | 9,940 | 6,733 | |
| Chilkat River Escapement | MR | BEG | 30,000–70,000 | 2006 | 61,099 | 36,961 | 51,324 | 130,200 | 47,342 | 26,280 | |
| Tawah Creek (Lost River) | FS,IE | SEG | 2,200 | 2015 | 1,221 | NA | 2,593 | 3,555 | 2,015 | 746 | |
| Situk River | BS,IE | BEG | 3,300–9,800 | 1994 | 3,652 | 3,007 | 14,853 | 8,226 | 7,062 | 6,177 | |
| Tsiu/Tsivat Rivers | AS,IE | BEG | 10,000–29,000 | 1994 | 21,000 | 10,500 | 47,000 | 27,000 | 19,500 | 31,000 | |

a AS = peak aerial survey, FS = foot survey, BS = boat survey; IE = index escapement; MR = mark-recapture.

Table 2.–Southeast Alaska coho salmon escapement estimates and index counts, 1980–2016.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | Sitka | Hugh | Ketchikan |
|  | Auke | Montana | Peterson | Berners | Chilkat | Taku | Ford Arm | Survey | Smith | Survey |
| Year | Creek | Creek | Creek | Rivera | River | River | Lake | Indexb | Lake | Indexc |
| 1980 | 698 | - | - | - | - | - | - | - | - | - |
| 1981 | 646 | 227 | 219 | - | - | - | - | - | - | - |
| 1982 | 447 | 545 | 320 | 7,505 | - | - | 2,655 | 1,545 | 2,144 | - |
| 1983 | 694 | 636 | 219 | 9,840 | - | - | 1,931 | 457 | 1,487 | - |
| 1984 | 651 | 581 | 189 | 2,825 | - | - | - | 2,063 | 1,407 | - |
| 1985 | 942 | 810 | 276 | 6,169 | - | - | 2,324 | 1,246 | 903 | - |
| 1986 | 454 | 60 | 363 | 1,752 | - | - | 1,552 | 702 | 1,782 | - |
| 1987 | 668 | 314 | 204 | 3,260 | 37,432 | 55,457 | 1,694 | 293 | 1,117 | 4,792 |
| 1988 | 756 | 164 | 542 | 2,724 | 29,495 | 39,450 | 3,119 | 403 | 513 | 5,007 |
| 1989 | 502 | 566 | 242 | 7,509 | 48,833 | 56,808 | 2,176 | 576 | 433 | 6,761 |
| 1990 | 697 | 1,711 | 324 | 11,050 | 79,807 | 72,196 | 2,192 | 566 | 870 | 3,444 |
| 1991 | 808 | 1,415 | 410 | 11,530 | 84,517 | 127,484 | 2,761 | 1,510 | 1,836 | 5,721 |
| 1992 | 1,020 | 2,512 | 403 | 15,300 | 77,588 | 84,853 | 3,866 | 1,899 | 1,426 | 7,017 |
| 1993 | 859 | 1,352 | 112 | 15,670 | 58,217 | 109,457 | 4,202 | 1,716 | 832 | 7,270 |
| 1994 | 1,437 | 1,829 | 318 | 15,920 | 194,425 | 96,343 | 3,227 | 1,965 | 1,753 | 8,690 |
| 1995 | 460 | 600 | 277 | 4,945 | 56,737 | 55,710 | 2,446 | 1,487 | 1,781 | 8,627 |
| 1996 | 515 | 798 | 263 | 6,050 | 37,331 | 44,635 | 2,500 | 1,451 | 950 | 8,831 |
| 1997 | 609 | 1,018 | 186 | 10,050 | 43,519 | 32,344 | 4,718 | 809 | 732 | 5,025 |
| 1998 | 862 | 1,160 | 102 | 6,802 | 50,758 | 61,382 | 7,049 | 1,242 | 983 | 7,095 |
| 1999 | 845 | 1,000 | 272 | 9,920 | 57,140 | 60,768 | 3,800 | 776 | 1,246 | 8,038 |
| 2000 | 683 | 961 | 202 | 10,650 | 84,843 | 64,699 | 2,304 | 803 | 600 | 8,634 |
| 2001 | 865 | 1,119 | 106 | 19,290 | 107,697 | 104,394 | 2,209 | 1,515 | 1,580 | 11,267 |
| 2002 | 1,176 | 2,448 | 195 | 27,700 | 204,805 | 219,360 | 7,109 | 1,868 | 3,291 | 12,223 |
| 2003 | 585 | 808 | 203 | 10,110 | 133,045 | 183,112 | 6,789 | 1,101 | 1,510 | 11,899 |
| 2004 | 416 | 364 | 284 | 14,450 | 67,053 | 132,153 | 3,539 | 1,124 | 840 | 9,904 |
| 2005 | 450 | 351 | 139 | 5,220 | 34,575 | 135,558 | 4,257 | 1,668 | 1,732 | 14,840 |
| 2006 | 581 | 1,110 | 439 | 5,470 | 79,050 | 122,384 | 4,737 | 2,647 | 891 | 6,901 |
| 2007 | 352 | 324 | 226 | 3,915 | 24,770 | 74,369 | 2,567 | 1,066 | 1,244 | 4,316 |
| 2008 | 600 | 405 | 660 | 6,870 | 56,369 | 95,226 | 5,173 | 1,117 | 1,741 | 16,752 |
| 2009 | 360 | 698 | 123 | 4,230 | 47,911 | 103,950 | 2,181 | 1,156 | 2,281 | 8,710 |
| 2010 | 417 | 630 | 467 | 7,520 | 84,909 | 126,830 | 1,610 | 1,273 | 2,878 | 4,563 |
| 2011 | 517 | 709 | 138 | 6,050 | 61,099 | 70,871 | 1,908 | 2,222 | 2,137 | 5,098 |
| 2012 | 837 | 394 | 190 | 5,480 | 36,961 | 70,775 | 2,282 | 1,157 | 1,908 | 11,960 |
| 2013 | 736 | 367 | 126 | 6,280 | 51,324 | 68,117 | 1,573 | 1,414 | 3,048 | 11,295 |
| 2014 | 1,533 | 911 | 284 | 15,480 | 130,200 | 124,171 | 3,025 | 2,161 | 4,110 | 16,675 |
| 2015 | 517 | 1,204 | 202 | 9,940 | 47,372 | 60,178 | 3,281 | 2,244 | 956 | 10,128 |
| 2016 | 204 | 717 | 52 | 6,733 | 26,280 | 87,704 | - | 2,943 | 948 | 13,420 |
| Goal Range | |  |  |  |  |  |  |  |  |  |
| Lower | 200 | 400 | 100 | 4,000 | 30,000 | 50,000 | 1,300 | 400 | 500 | 4,250 |
| Upper | 500 | 1,200 | 250 | 9,200 | 70,000 | 90,000 | 2,900 | 800 | 1,600 | 8,500 |

a The Berners River index is the unexpanded survey count.

b The Sitka survey index is the sum of peak survey counts on five streams.

c The Ketchikan survey index is the sum of peak survey counts on 14 streams.

Table 3.–Peak coho salmon escapement survey counts for Juneau roadside streams and the Berners and Chilkat rivers and total counts and estimates of age .1 coho salmon spawners in Auke Creek and the Berners, Chilkat and Taku rivers, 1980–2016.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Juneau Roadside | | |  | Berners River | |  | Chilkat River | |  |
|  | Auke Cr. | Montana | Peterson |  | Index | Expanded |  | Index | Expanded | Taku |
| Year | (Weir) | Creek | Creek |  | Count | Estimate |  | Count | Estimate | River |
| 1980 | 698 | - | - |  | - | - |  | - | - | - |
| 1981 | 646 | 227 | 219 |  | - | - |  | - | - | - |
| 1982 | 447 | 545 | 320 |  | 7,505 | - |  | - | - | - |
| 1983 | 694 | 636 | 219 |  | 9,840 | - |  | - | - | - |
| 1984 | 651 | 581 | 189 |  | 2,825 | - |  | - | - | - |
| 1985 | 942 | 810 | 276 |  | 6,169 | - |  | - | - | - |
| 1986 | 454 | 60 | 363 |  | 1,752 | - |  | - | - | - |
| 1987 | 668 | 314 | 204 |  | 3,260 | - |  | 1,113 | 37,432 | 55,457 |
| 1988 | 756 | 164 | 542 |  | 2,724 | - |  | 877 | 29,495 | 39,450 |
| 1989 | 502 | 566 | 242 |  | 7,509 | 9,320 |  | 1,452 | 48,833 | 56,808 |
| 1990 | 697 | 1,711 | 324 |  | 11,050 | 13,715 |  | 3,383 | 79,807 | 72,196 |
| 1991 | 808 | 1,415 | 410 |  | 11,530 | 14,311 |  | 2,513 | 84,517 | 127,484 |
| 1992 | 1,020 | 2,512 | 403 |  | 15,300 | 18,991 |  | 2,307 | 77,588 | 84,853 |
| 1993 | 859 | 1,352 | 112 |  | 15,670 | 19,450 |  | 1,731 | 58,217 | 109,457 |
| 1994 | 1,437 | 1,829 | 318 |  | 15,920 | 19,760 |  | 5,781 | 194,425 | 96,343 |
| 1995 | 460 | 600 | 277 |  | 4,945 | 6,138 |  | 1,687 | 56,737 | 55,710 |
| 1996 | 515 | 798 | 263 |  | 6,050 | 7,509 |  | 1,110 | 37,331 | 44,635 |
| 1997 | 609 | 1,018 | 186 |  | 10,050 | 12,474 |  | 1,294 | 43,519 | 32,344 |
| 1998 | 862 | 1,160 | 102 |  | 6,802 | 8,443 |  | 1,460 | 50,758 | 61,382 |
| 1999 | 845 | 1,000 | 272 |  | 9,920 | 12,313 |  | 1,699 | 57,140 | 60,768 |
| 2000 | 683 | 961 | 202 |  | 10,650 | 13,219 |  | 2,635 | 84,843 | 64,699 |
| 2001 | 865 | 1,119 | 106 |  | 19,290 | 23,943 |  | 3,232 | 107,697 | 104,394 |
| 2002 | 1,176 | 2,448 | 195 |  | 27,700 | 34,382 |  | 5,660 | 204,805 | 219,360 |
| 2003 | 585 | 808 | 203 |  | 10,110 | 12,549 |  | 3,950 | 133,045 | 183,112 |
| 2004 | 416 | 364 | 284 |  | 14,450 | 17,936 |  | 2,006 | 67,053 | 132,153 |
| 2005 | 450 | 351 | 139 |  | 5,220 | 6,479 |  | 977 | 34,575 | 135,558 |
| 2006 | 581 | 1,110 | 439 |  | 5,470 | 6,789 |  | 2,399 | 79,050 | 122,384 |
| 2007 | 352 | 324 | 226 |  | 3,915 | 4,859 |  | 758 | 24,770 | 74,369 |
| 2008 | 600 | 405 | 660 |  | 6,870 | 8,527 |  | 1,706 | 56,369 | 95,226 |
| 2009 | 360 | 698 | 123 |  | 4,230 | 5,250 |  | 1,453 | 47,911 | 103,950 |
| 2010 | 417 | 630 | 467 |  | 7,520 | 9,334 |  | 2,650 | 84,909 | 126,830 |
| 2011 | 517 | 709 | 138 |  | 6,050 | 7,509 |  |  | 61,099 | 70,871 |
| 2012 | 837 | 394 | 190 |  | 5,480 | 6,802 |  |  | 36,961 | 70,775 |
| 2013 | 736 | 367 | 126 |  | 6,280 | 7,795 |  |  | 51,324 | 68,117 |
| 2014 | 1,533 | 911 | 284 |  | 15,480 | 19,214 |  |  | 130,200 | 124,171 |
| 2015 | 517 | 1,204 | 202 |  | 9,940 | 12,338 |  |  | 47,372 | 60,178 |
| 2016 | 204 | 717 | 52 |  | 6,733 | 8,357 |  |  | 26,280 | 87,704 |
| Average | 686 | 856 | 258 |  | 8,977 | 12,418 |  | 2,243 | 71,135 | 91,358 |
| Goals: |  |  |  |  |  |  |  |  |  |  |
| Point | 340 |  |  |  | 6,300 |  |  | 1,550 | 50,000 |  |
| Lower | 200 | 400 | 100 |  | 4,000 |  |  | 950 | 30,000 | 50,000 |
| Upper | 500 | 1,200 | 250 |  | 9,200 |  |  | 2,200 | 70,000 | 90,000 |

Table 4.–Peak counts of coho salmon in the Sitka escapement survey index (sum of 5 streams) and a combination of weir counts and mark-recapture estimates of the Ford Arm Creek escapement, 1982–2016.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  | Sitka | Ford Arm |
|  | Starrigavan | Sinitsin | St. John's | Nakwasina | Eagle | Survey | Lake |
| Year | Creek | Creek | Creek | River | River | Index | (Weir- M/R) |
| 1982 | 317 | 46 | ***116*** | ***580*** | ***486*** | 1,545 | 2,655 |
| 1983 | 45 | 31 | 20 | 217 | ***144*** | 457 | 1,931 |
| 1984 | 385 | 160 | 154 | 715 | ***649*** | 2,063 | - |
| 1985 | 193 | 144 | 109 | 408 | ***392*** | 1,246 | 2,324 |
| 1986 | 57 | ***72*** | ***53*** | 275 | 245 | 702 | 1,552 |
| 1987 | 36 | 21 | ***22*** | 47 | 167 | 293 | 1,694 |
| 1988 | 45 | 56 | 71 | 104 | ***127*** | 403 | 3,119 |
| 1989 | 101 | 76 | 89 | 129 | ***181*** | 576 | 2,176 |
| 1990 | 39 | 80 | 38 | 195 | 214 | 566 | 2,192 |
| 1991 | 142 | 186 | 107 | 621 | 454 | 1,510 | 2,761 |
| 1992 | 241 | 265 | 110 | 654 | 629 | 1,899 | 3,866 |
| 1993 | 256 | 213 | 90 | ***644*** | 513 | 1,716 | 4,202 |
| 1994 | 304 | 313 | 227 | 404 | 717 | 1,965 | 3,227 |
| 1995 | 274 | 152 | 99 | 626 | 336 | 1,487 | 2,446 |
| 1996 | 59 | 150 | 201 | 553 | 488 | 1,451 | 2,500 |
| 1997 | 55 | 90 | 68 | 300 | 296 | 809 | 4,718 |
| 1998 | 123 | 109 | 57 | 653 | 300 | 1,242 | 7,049 |
| 1999 | 167 | 48 | 25 | 291 | ***245*** | 776 | 3,800 |
| 2000 | 144 | 62 | 30 | 459 | 108 | 803 | 2,304 |
| 2001 | 133 | 132 | 80 | 753 | 417 | 1,515 | 2,209 |
| 2002 | 227 | 169 | 100 | 713 | 659 | 1,868 | 7,109 |
| 2003 | 95 | 102 | 91 | 440 | 373 | 1,101 | 6,789 |
| 2004 | 143 | 112 | 79 | 399 | 391 | 1,124 | 3,539 |
| 2005 | 76 | 67 | 173 | 892 | 460 | 1,668 | 4,257 |
| 2006 | 386 | 152 | 121 | 996 | 992 | 2,647 | 4,737 |
| 2007 | 130 | 39 | 86 | 385 | 426 | 1,066 | 2,567 |
| 2008 | 96 | 73 | 43 | 839 | 66 | 1,117 | 5,173 |
| 2009 | 128 | 160 | 140 | 335 | 393 | 1,156 | 2,181 |
| 2010 | 70 | 171 | 85 | 307 | 640 | 1,273 | 1,610 |
| 2011 | 230 | 392 | 163 | 636 | 801 | 2,222 | 1,908 |
| 2012 | 59 | 133 | 144 | 296 | 525 | 1,157 | 2,282 |
| 2013 | 113 | 125 | 179 | 412 | 585 | 1,414 | 1,573 |
| 2014 | 274 | 255 | 156 | 600 | 876 | 2,161 | 3,025 |
| 2015 | 286 | 252 | 152 | 1,133 | 421 | 2,244 | 3,281 |
| 2016 | 328 | 199 | 398 | 1,098 | 920 | 2,943 | - |
| Average | 164 | 137 | 111 | 517 | 447 | 1,377 | 3,235 |

*Note:* Total index is the sum of counts and interpolated values. Interpolated values are shown in shaded bold italic print.

Table 5.–Peak coho salmon survey counts for 14 streams in the Ketchikan area and total adult coho salmon escapement to Hugh Smith Lake, 1987–2016.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Combined | Hugh Smith |
| Year | Herman | Grant | Eulachon | Klahini | Indian | Barrier | King | Choca | Carroll | Blossum | Keta | Marten | Humpback | Tombstone | Survey | Lake |
|  | Creek | Creek | River | River | River | Creek | Creek | Creek | River | River | River | River | Creek | River | Index | (Weir & M/R) |
| 1987 | 92 | 78 | 154 | 65 | 336 | 70 | 282 | 113 | 180 | 700 | 800 | 740 | 650 | 532 | 4,792 | 1,118 |
| 1988 | 72 | 150 | 205 | 20 | 300 | 50 | 175 | 150 | 193 | 790 | 850 | 600 | 52 | 1,400 | 5,007 | 513 |
| 1989 | 75 | 101 | 290 | 15 | 925 | 450 | 510 | 200 | 70 | 1,000 | 650 | 1,175 | 350 | 950 | 6,761 | 433 |
| 1990 | 150 | 30 | 235 | 150 | 242 | 50 | 35 | 81 | 136 | 800 | 550 | 575 | 135 | 275 | 3,444 | 870 |
| 1991 | 245 | 50 | 285 | 50 | 550 | 100 | 300 | 220 | 375 | 725 | 800 | 575 | 671 | 775 | 5,721 | 1,826 |
| 1992 | 115 | 270 | 860 | 90 | 675 | 100 | 250 | 150 | 360 | 650 | 627 | 1,285 | 550 | 1,035 | 7,017 | 1,426 |
| 1993 | 90 | 175 | 460 | 50 | 475 | 325 | 110 | 300 | 310 | 850 | 725 | 1,525 | 600 | 1,275 | 7,270 | 830 |
| 1994 | 265 | 220 | 755 | 200 | 560 | 175 | 325 | 225 | 475 | 775 | 1,100 | 2,205 | 560 | 850 | 8,690 | 1,753 |
| 1995 | 250 | 94 | 435 | 165 | 600 | 220 | 415 | 180 | 400 | 800 | 1,155 | 1,385 | 82 | 2,446 | 8,627 | 1,781 |
| 1996 | 94 | 92 | 383 | 40 | 570 | 230 | 457 | 220 | 240 | 829 | 1,506 | 1,924 | 440 | 1,806 | 8,831 | 958 |
| 1997 | 75 | 82 | 420 | 60 | 353 | 73 | 295 | 175 | 140 | 1,143 | 571 | 759 | 32 | 847 | 5,025 | 732 |
| 1998 | 94 | 130 | 460 | 120 | 304 | 50 | 411 | 190 | 280 | 1,004 | 1,169 | 1,961 | 256 | 666 | 7,095 | 983 |
| 1999 | 75 | 127 | 657 | 150 | 356 | 25 | 627 | 225 | 425 | 598 | 1,895 | 1,518 | 520 | 840 | 8,038 | 1,246 |
| 2000 | 135 | 94 | 600 | 110 | 380 | 72 | 620 | 180 | 275 | 1,354 | 1,619 | 1,421 | 102 | 1,672 | 8,634 | 600 |
| 2001 | 80 | 110 | 929 | 151 | 1,140 | 164 | 891 | 450 | 173 | 1,561 | 1,714 | 1,956 | 506 | 1,442 | 11,267 | 1,580 |
| 2002 | 88 | 138 | 1,105 | 20 | 940 | 70 | 700 | 220 | 270 | 1,359 | 1,368 | 2,302 | 2,004 | 1,639 | 12,223 | 3,291 |
| 2003 | 242 | 194 | 875 | 39 | 690 | 57 | 1,140 | 380 | 469 | 1,940 | 1,934 | 1,980 | 214 | 1,745 | 11,899 | 1,510 |
| 2004 | 150 | 230 | 801 | 170 | 935 | 250 | 640 | 180 | 455 | 1,005 | 1,200 | 1,835 | 1,230 | 823 | 9,904 | 840 |
| 2005 | 510 | 300 | 1,240 | 360 | 890 | 190 | 810 | 270 | 500 | 3,680 | 3,290 | 1,130 | 500 | 1,170 | 14,840 | 1,732 |
| 2006 | 165 | 113 | 190 | 176 | 280 | 30 | 405 | 130 | 272 | 2,300 | 645 | 335 | 260 | 1,600 | 6,901 | 891 |
| 2007 | 134 | 75 | 276 | 35 | 245 | 15 | 290 | 210 | 170 | 990 | 970 | 351 | 3 | 552 | 4,316 | 1,244 |
| 2008 | 115 | 55 | 570 | 25 | 1,250 | 23 | 420 | 100 | 660 | 7,100 | 2,549 | 925 | 2,600 | 360 | 16,752 | 1,741 |
| 2009 | 149 | 330 | 330 | 340 | 750 | 110 | 1,050 | 100 | 1,100 | 1,536 | 315 | 1,675 | 700 | 225 | 8,710 | 2,282 |
| 2010 | 85 | 102 | 370 | 62 | 880 | 90 | 570 | 190 | 180 | 350 | 550 | 350 | 200 | 584 | 4,563 | 2,878 |
| 2011 | 87 | 83 | 350 | 69 | 175 | 74 | 110 | 85 | 201 | 1,235 | 776 | 350 | 850 | 652 | 5,098 | 2,137 |
| 2012 | 25 | 60 | 400 | 162 | 170 | 40 | 703 | 110 | 330 | 2,400 | 3,300 | 2,650 | 360 | 1,250 | 11,960 | 1,908 |
| 2013 | 194 | 184 | 722 | 153 | 792 | 164 | 664 | 266 | 215 | 2,140 | 1,560 | 2,370 | 530 | 1,340 | 11,295 | 3,148 |
| 2014 | 425 | 80 | 660 | 226 | 1,500 | 242 | 850 | 400 | 220 | 2,000 | 1,300 | 2,661 | 1,110 | 5,000 | 16,675 | 4,110 |
| 2015 | 20 | 200 | 550 | 136 | 1,200 | 242 | 550 | 200 | 450 | 2,310 | 1,470 | 1,555 | 210 | 1,035 | 10,128 | 956 |
| 2016 | 160 | 25 | 810 | 450 | 370 | 90 | 540 | 315 | 750 | 3,070 | 2,470 | 2,120 | 280 | 1,970 | 13,420 | 948 |
| Average | 149 | 132 | 546 | 129 | 628 | 128 | 505 | 207 | 342 | 1,566 | 1,314 | 1,406 | 552 | 1,225 | 8,830 | 1,542 |
| Goal: |  |  |  |  |  |  |  |  |  |  |  | |  | |  |  |
| Point |  |  |  |  |  |  |  |  |  |  |  | |  | | 5,100 | 850 |
| Lower |  |  |  |  |  |  |  |  |  |  |  | |  | | 4,250 | 500 |
| Upper | |  |  |  |  |  |  |  |  |  |  | |  | | 8,500 | 1,600 |

*Note*: Combined survey count is the sum of counts and interpolated values. Interpolated values are shown in shaded bold italic print.

Table 6.–Yakutat area coho salmon peak escapement survey counts and available total escapement estimates, 1972-2016.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Lost River | |  | Situk River | | Tsiu River |
| Year | Count | Mark-Recapture |  | Count | Mark-Recapture | Count |
| 1972 | 3,800 | – |  | 5,100 | – | – |
| 1973 | 1,978 | – |  | 1,719 | – | 30,000 |
| 1974 | 2,500 | – |  | 4,260 | – | 15,000 |
| 1975 | 1,300 | – |  | 4,500 | – | 8,150 |
| 1976 | 1,200 | – |  | 3,280 | – | 30,000 |
| 1977 | 4,050 | – |  | 3,750 | – | 25,000 |
| 1978 | 3,450 | – |  | 3,850 | – | 40,000 |
| 1979 | 8,450 | – |  | 7,000 | – | 25,000 |
| 1980 | 5,700 | – |  | 8,100 | – | 18,000 |
| 1981 | 7,363 | – |  | 8,430 | – | 20,000 |
| 1982 | 10,400 | – |  | 9,180 | – | 40,000 |
| 1983 | 8,110 | – |  | 5,300 | – | 16,500 |
| 1984 | 6,780 | – |  | 14,000 | – | 30,000 |
| 1985 | 3,300 | – |  | 6,490 | – | 52,350 |
| 1986 | 3,610 | – |  | 3,162 | – | 14,100 |
| 1987 | 5,482 | – |  | 2,000 | – | 8,500 |
| 1988 | 2,600 | – |  | 11,000 | – | 16,000 |
| 1989 | 2,190 | – |  | 3,900 | – | 38,000 |
| 1990 | 9,460 | – |  | 1,630 | – | 16,800 |
| 1991 | 1,786 | – |  |  | – | 16,600 |
| 1992 | 4,235 | – |  | 13,820 | – | 30,800 |
| 1993 | 5,436 | – |  | 10,703 | – | 18,500 |
| 1994 | 6,000 | – |  | 21,960 | – | 55,000 |
| 1995 | 2,642 | – |  |  | – | 30,000 |
| 1996 | 4,030 | – |  |  | – | 19,000 |
| 1997 | 2,550 | – |  | 9,780 | – | 22,000 |
| 1998 | – | – |  | – | – | 12,000 |
| 1999 | – | – |  | – | – | – |
| 2000 | 1,572 | – |  | – | – | 12,000 |
| 2001 | 3,190 | – |  | 5,030 | – | 17,000 |
| 2002 | 8,093 | – |  | 40,000 | – | 31,000 |
| 2003 | 6,396 | 23,685 |  | 6,009 | – | 35,850 |
| 2004 | 5,047 | 47,566 |  | 10,284 | 49,582 | – |
| 2005 | 1,241 | – |  | 2,514 | 33,644 | 16,600 |
| 2006 | 3,500 | – |  | 7,950 | 23,169 | 14,500 |
| 2007 | 2,542 | – |  | 5,763 | – | 14,000 |
| 2008 | – | – |  | – | – | 25,200 |
| 2009 | 3,581 | – |  | 5,814 | – | 28,000 |
| 2010 | 2,393 | – |  | 11,195 | – | 11,000 |
| 2011 | 1,221 | – |  | 3,652 | – | 21,000 |
| 2012 | – | – |  | 3,007 | – | 10,500 |
| 2013 | 2,593 | – |  | 14,853 | – | 47,000 |
| 2014 | 3,555 | – |  | 8,226 | – | 27,000 |
| 2015 | 2,015 | – |  | 7,062 | – | 19,500 |
| 2016 | 746 | – |  | 6,177 | – | 31,000 |
| Average | 4,332 | 35,626 |  | 8,046 | 35,465 | 23,679 |