

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1978 | | | 1979 | | | 1980 | | |
|---|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 925 | 6,945 | 7,870 | 257 | 2,301 | 2,558 | 451 | 2,412 | 2,863 |
| Trinity River Hatchery (TRH) | 1,325 | 6,034 | 7,359 | 964 | 1,335 | 2,299 | 2,256 | 4,099 | 6,355 |
| Subtotals | 2,250 | 12,979 | 15,229 | 1,221 | 3,636 | 4,857 | 2,707 | 6,511 | 9,218 |
| Natural Spawners | | | | | | | | | |
| Trinity River basin (above Willow Creek, excluding TRH) | 4,712 | 31,052 | 35,764 | 3,936 | 8,028 | 11,964 | 16,837 | 7,700 | 24,537 |
| Salmon River basin | 1,400 | 2,600 | 4,000 | 150 | 1,000 | 1,150 | 200 | 800 | 1,000 |
| Scott River basin | 1,909 | 3,423 | 5,332 | 428 | 3,396 | 3,824 | 2,245 | 2,032 | 4,277 |
| Shasta River basin | 6,707 | 12,024 | 18,731 | 1,040 | 7,111 | 8,151 | 4,334 | 3,762 | 8,096 |
| Bogus Creek basin | 651 | 4,928 | 5,579 | 494 | 5,444 | 5,938 | 1,749 | 3,321 | 5,070 |
| Main Stem Klamath River (excluding IGH) | 300 | 1,700 | 2,000 | 466 | 4,190 | 4,656 | 867 | 2,468 | 3,335 |
| Misc. Klamath tributaries (above Hoopa and Yurok Reservations) | 735 | 2,765 | 3,500 | 147 | 1,068 | 1,215 | 500 | 1,000 | 1,500 |
| Hoopa and Yurok Reservation tribs. | -- b/ | -- b/ | -- b/ | 100 c/ | 400 c/ | 500 c/ | 250 c/ | 400 c/ | 650 c/ |
| Subtotals | 16,414 | 58,492 | 74,906 | 6,761 | 30,637 | 37,398 | 26,982 | 21,483 | 48,465 |
| Total Spawner Escapement | 18,664 | 71,471 | 90,135 | 7,982 | 34,273 | 42,255 | 29,689 | 27,994 | 57,683 |

IN-RIVER HARVEST

| | 1978 | | | 1979 | | | 1980 | | |
|--|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 122 | 854 | 976 | 216 | 484 | 700 | 835 | 727 | 1,562 |
| Trinity River basin (above Willow Creek) | -- d/ | -- d/ | -- d/ | 765 | 1,157 | 1,922 | 2,456 | 998 | 3,454 |
| Balance of Klamath system | 1,960 | 840 | 2,800 | 1,200 | 500 | 1,700 | 2,600 | 2,771 | 5,371 |
| Subtotals | 2,082 | 1,694 | 3,776 | 2,181 | 2,141 | 4,322 | 5,891 | 4,496 | 10,387 |
| Tribal Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | -- | -- | -- | -- | -- | -- | 495 | 9,605 | 10,100 |
| Klamath River (Hwy 101 to Trinity mouth) | -- | -- | -- | -- | -- | -- | 272 | 1,528 | 1,800 |
| Trinity River (Hoopa Reservation) | -- | -- | -- | -- | -- | -- | 220 | 880 | 1,100 |
| Subtotals | 1,800 | 18,200 | 20,000 | 1,350 | 13,650 | 15,000 | 987 | 12,013 | 13,000 |
| Total In-river Harvest | 3,882 | 19,894 | 23,776 | 3,531 | 15,791 | 19,322 | 6,878 | 16,509 | 23,387 |

IN-RIVER RUN

| | 1978 | | | 1979 | | | 1980 | | |
|---|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 22,546 | 91,365 | 113,911 | 11,513 | 50,064 | 61,577 | 36,567 | 44,503 | 81,070 |
| Angling Mortality (2.04% of harvest) f/ | 42 | 35 | 77 | 45 | 44 | 88 | 120 | 92 | 212 |
| Net Mortality (8.70% of harvest) f/ | 157 | 1,583 | 1,739 | 117 | 1,187 | 1,304 | 86 | 1,045 | 1,130 |
| Total In-river Run | 22,745 | 92,983 | 115,728 | 11,675 | 51,295 | 62,970 | 36,773 | 45,640 | 82,413 |

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**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1981 | | | 1982 | | | 1983 | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 540 | 2,055 | 2,595 | 1,833 | 8,353 | 10,186 | 514 | 8,371 | 8,885 |
| Trinity River Hatchery (TRH) | 1,004 | 2,370 | 3,374 | 4,235 | 2,058 | 6,293 | 271 | 5,494 | 5,765 |
| Subtotals | 1,544 | 4,425 | 5,969 | 6,068 | 10,411 | 16,479 | 785 | 13,865 | 14,650 |
| Natural Spawners | | | | | | | | | |
| Trinity River basin (above Willow Creek, excluding TRH) | 5,906 | 15,340 | 21,246 | 8,149 | 9,274 | 17,423 | 853 | 17,284 | 18,137 |
| Salmon River basin | 450 | 750 | 1,200 | 300 | 1,000 | 1,300 | 75 | 1,200 | 1,275 |
| Scott River basin | 3,409 | 3,147 | 6,556 | 4,350 | 5,826 | 10,176 | 170 | 3,398 | 3,568 |
| Shasta River basin | 4,330 | 7,890 | 12,220 | 1,922 | 6,533 | 8,455 | 753 | 3,119 | 3,872 |
| Bogus Creek basin | 912 | 2,730 | 3,642 | 2,325 | 4,818 | 7,143 | 335 | 2,713 | 3,048 |
| Main Stem Klamath River (excluding IGH) | 1,000 | 3,000 | 4,000 | 1,000 | 3,000 | 4,000 | 200 | 1,800 | 2,000 |
| Misc. Klamath tributaries (above Hoopa and Yurok Reservations) | 500 | 1,000 | 1,500 | 600 | 1,500 | 2,100 | 140 | 1,270 | 1,410 |
| Hoopa and Yurok Reservation tribs. | -- b/ | -- b/ | -- b/ | -- b/ | -- b/ | -- b/ | -- b/ | -- b/ | -- b/ |
| Subtotals | 16,507 | 33,857 | 50,364 | 18,646 | 31,951 | 50,597 | 2,526 | 30,784 | 33,310 |
| Total Spawner Escapement | 18,051 | 38,282 | 56,333 | 24,714 | 42,362 | 67,076 | 3,311 | 44,649 | 47,960 |

IN-RIVER HARVEST

| | 1981 | | | 1982 | | | 1983 | | |
|--|--------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 536 | 1,714 | 2,250 | 1,252 | 3,539 | 4,791 | 60 | 750 | 810 |
| Trinity River basin (above Willow Creek) | 1,456 | 3,174 | 4,630 | 2,554 | 2,321 | 4,875 | 116 | 2,360 | 2,476 |
| Balance of Klamath system | 5,260 | 1,095 | 6,355 | 8,678 | 2,479 | 11,157 | 175 | 1,125 | 1,300 |
| Subtotals | 7,252 | 5,983 | 13,235 | 12,484 | 8,339 | 20,823 | 351 | 4,235 | 4,586 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 912 | 23,097 | 24,009 | 290 | 4,547 | 4,837 | 12 | 800 | 812 |
| Klamath River (Hwy 101 to Trinity mouth) | 1,104 | 8,405 | 9,509 | 1,195 | 8,424 | 9,619 | 121 | 5,700 | 5,821 |
| Trinity River (Hoopa Reservation) | 449 | 1,531 | 1,980 | 314 | 1,511 | 1,825 | 30 | 1,390 | 1,420 |
| Subtotals | 2,465 | 33,033 | 35,498 | 1,799 | 14,482 | 16,281 | 163 | 7,890 | 8,053 |
| Total In-river Harvest | 9,717 | 39,016 | 48,733 | 14,283 | 22,821 | 37,104 | 514 | 12,125 | 12,639 |

IN-RIVER RUN

| | 1981 | | | 1982 | | | 1983 | | |
|---|---------------|---------------|----------------|---------------|---------------|----------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 27,768 | 77,298 | 105,066 | 38,997 | 65,183 | 104,180 | 3,825 | 56,774 | 60,599 |
| Angling Mortality (2.04% of harvest) f/ | 148 | 122 | 270 | 255 | 170 | 425 | 7 | 86 | 94 |
| Net Mortality (8.70% of harvest) f/ | 214 | 2,872 | 3,087 | 156 | 1,259 | 1,416 | 14 | 686 | 700 |
| Total In-river Run | 28,130 | 80,292 | 108,422 | 39,408 | 66,612 | 106,020 | 3,846 | 57,546 | 61,392 |

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**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1984 | | | 1985 | | | 1986 | | |
|---|---------------|-----------------|-----------------|---------------|---------------|----------------|---------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 764 | 5,330 | 6,094 | 2,159 | 19,951 | 22,110 | 1,461 | 17,096 | 18,557 |
| Trinity River Hatchery (TRH) | 766 | 2,166 | 2,932 | 18,166 | 2,583 | 20,749 | 3,609 | 15,795 | 19,404 |
| Subtotals | 1,530 | 7,496 | 9,026 | 20,325 | 22,534 | 42,859 | 5,070 | 32,891 | 37,961 |
| Natural Spawners | | | | | | | | | |
| Trinity River basin (above Willow Creek, excluding TRH) | 3,416 | 5,654 | 9,070 | 29,454 | 9,217 | 38,671 | 20,459 | 92,548 | 113,007 |
| Salmon River basin | 216 <i>g/</i> | 1,226 <i>g/</i> | 1,442 <i>g/</i> | 905 | 2,259 | 3,164 | 949 | 2,716 | 3,665 |
| Scott River basin | 358 | 1,443 | 1,801 | 1,357 | 3,051 | 4,408 | 4,865 | 3,176 | 8,041 |
| Shasta River basin | 480 | 2,362 | 2,842 | 2,227 | 2,897 | 5,124 | 683 | 3,274 | 3,957 |
| Bogus Creek basin | 465 | 3,039 | 3,504 | 1,156 | 3,491 | 4,647 | 1,184 | 6,124 | 7,308 |
| Main Stem Klamath River (excluding IGH) | 200 | 1,350 | 1,550 | 156 | 468 | 624 | 196 | 603 | 799 |
| Misc. Klamath tributaries (above Hoopa and Yurok Reservations) | 150 | 990 | 1,140 | 646 | 4,214 | 4,860 | 606 | 4,919 | 5,525 |
| Hoopa and Yurok Reservation tribs. | -- <i>b/</i> | -- <i>b/</i> | -- <i>b/</i> | 50 <i>h/</i> | 80 <i>h/</i> | 130 <i>h/</i> | -- <i>b/</i> | -- <i>b/</i> | -- <i>b/</i> |
| Subtotals | 5,285 | 16,064 | 21,349 | 35,951 | 25,677 | 61,628 | 28,942 | 113,360 | 142,302 |
| Total Spawner Escapement | 6,815 | 23,560 | 30,375 | 56,276 | 48,211 | 104,487 | 34,012 | 146,251 | 180,263 |

IN-RIVER HARVEST

| | 1984 | | | 1985 | | | 1986 | | |
|--|--------------|---------------|---------------|---------------|------------------------|-----------------|---------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 175 | 548 | 723 | 1,479 | 2,427 <i>i/</i> | 3,906 | 704 | 2,456 | 3,160 |
| Trinity River basin (above Willow Creek) | 393 | 736 | 1,129 | 5,442 | 154 <i>i/</i> | 5,596 | 3,438 | 12,039 | 15,477 |
| Balance of Klamath system | 384 | 2,056 | 2,440 | 4,274 | 1,001 <i>i/</i> | 5,275 | 5,266 | 6,532 | 11,798 |
| Subtotals | 952 | 3,340 | 4,292 | 11,195 | 3,582 <i>i/</i> | 14,777 | 9,408 | 21,027 | 30,435 |
| Indian Net Harvest <i>e/</i> | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 132 | 11,878 | 12,010 | 132 | 5,700 | 5,832 | 191 | 15,286 | 15,477 |
| Klamath River (Hwy 101 to Trinity mouth) | 183 | 5,622 | 5,805 | 476 | 3,925 | 4,401 | 377 | 5,033 | 5,410 |
| Trinity River (Hoopa Reservation) | 140 | 1,170 | 1,310 | 947 <i>y/</i> | 1,941 <i>y/</i> | 2,888 <i>y/</i> | 286 | 4,808 | 5,094 |
| Subtotals | 455 | 18,670 | 19,125 | 1,555 | 11,566 | 13,121 | 854 | 25,127 | 25,981 |
| Total In-river Harvest | 1,407 | 22,010 | 23,417 | 12,750 | 15,148 | 27,898 | 10,262 | 46,154 | 56,416 |

IN-RIVER RUN

| | 1984 | | | 1985 | | | 1986 | | |
|--|--------------|---------------|---------------|---------------|---------------|----------------|---------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 8,222 | 45,570 | 53,792 | 69,026 | 63,359 | 132,385 | 44,274 | 192,405 | 236,679 |
| Angling Mortality (2.04% of harvest) <i>f/</i> | 19 | 68 | 88 | 228 | 73 | 302 | 192 | 429 | 621 |
| Net Mortality (8.70% of harvest) <i>f/</i> | 40 | 1,623 | 1,663 | 135 | 1,006 | 1,141 | 74 | 2,185 | 2,259 |
| Total In-river Run | 8,281 | 47,261 | 55,542 | 69,389 | 64,438 | 133,827 | 44,540 | 195,019 | 239,559 |

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**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1987 | | | 1988 | | | 1989 | | |
|---|---------------|----------------|----------------|---------------|----------------|----------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 1,825 | 15,189 | 17,014 | 609 | 16,106 | 16,715 | 831 | 10,859 | 11,690 |
| Trinity River Hatchery (TRH) | 2,453 | 13,934 | 16,387 | 4,752 | 17,352 | 22,104 | 239 | 11,132 | 11,371 |
| Subtotals | 4,278 | 29,123 | 33,401 | 5,361 | 33,458 | 38,819 | 1,070 | 21,991 | 23,061 |
| Natural Spawners | | | | | | | | | |
| Trinity River basin (above Willow Creek, excluding TRH) | 5,949 | 71,920 | 77,869 | 10,626 | 44,616 | 55,242 | 2,543 | 29,445 | 31,988 |
| Salmon River basin | 118 | 3,832 | 3,950 | 327 | 3,273 | 3,600 | 695 | 2,915 | 3,610 |
| Scott River basin | 797 | 7,769 | 8,566 | 473 | 4,727 | 5,200 | 1,188 | 3,000 | 4,188 |
| Shasta River basin | 398 | 4,299 | 4,697 | 256 | 2,586 | 2,842 | 137 | 1,440 | 1,577 |
| Bogus Creek basin | 1,208 | 9,748 | 10,956 | 225 | 16,215 | 16,440 | 444 | 2,218 | 2,662 |
| Main Stem Klamath River (excluding IGH) | 65 | 863 | 928 | 164 | 2,982 | 3,146 | 214 | 1,011 | 1,225 |
| Misc. Klamath tributaries (above Hoopa and Yurok Reservations) | 237 | 3,286 | 3,523 | 418 | 4,167 | 4,585 | 248 | 3,239 | 3,487 |
| Hoopa and Yurok Reservation tribs. | -- b/ | -- b/ | -- b/ | 55 k/ | 820 k/ | 875 k/ | 40 k/ | 600 k/ | 640 k/ |
| Subtotals | 8,772 | 101,717 | 110,489 | 12,544 | 79,386 | 91,930 | 5,509 | 43,868 | 49,377 |
| Total Spawner Escapement | 13,050 | 130,840 | 143,890 | 17,905 | 112,844 | 130,749 | 6,579 | 65,859 | 72,438 |

IN-RIVER HARVEST

| | 1987 | | | 1988 | | | 1989 | | |
|--|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 146 | 2,455 | 2,601 | 124 | 3,367 | 3,491 | 137 | 1,328 | 1,465 |
| Trinity River basin (above Willow Creek) | 923 | 9,433 | 10,356 | 2,735 | 9,341 | 12,076 | 209 | 3,054 | 3,263 |
| Balance of Klamath system | 4,367 | 8,281 | 12,648 | 2,552 | 9,495 | 12,047 | 1,921 | 4,393 | 6,314 |
| Subtotals | 5,436 | 20,169 | 25,605 | 5,411 | 22,203 | 27,614 | 2,267 | 8,775 | 11,042 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 36 | 39,978 | 40,014 | 138 | 36,914 | 37,052 | 0 | 37,130 | 37,130 |
| Klamath River (Hwy 101 to Trinity mouth) | 117 | 8,136 | 8,253 | 173 | 9,667 | 9,840 | 120 | 4,961 | 5,081 |
| Trinity River (Hoopa Reservation) | 262 | 4,982 | 5,244 | 267 | 5,070 | 5,337 | 71 | 3,474 | 3,545 |
| Subtotals | 415 | 53,096 | 53,511 | 578 | 51,651 | 52,229 | 191 | 45,565 | 45,756 |
| Total In-river Harvest | 5,851 | 73,265 | 79,116 | 5,989 | 73,854 | 79,843 | 2,458 | 54,340 | 56,798 |

IN-RIVER RUN

| | 1987 | | | 1988 | | | 1989 | | |
|---|---------------|----------------|----------------|---------------|----------------|----------------|--------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 18,901 | 204,105 | 223,006 | 23,894 | 186,698 | 210,592 | 9,037 | 120,199 | 129,236 |
| Angling Mortality (2.04% of harvest) f/ | 111 | 412 | 523 | 110 | 453 | 564 | 46 | 179 | 225 |
| Net Mortality (8.70% of harvest) f/ | 36 | 4,617 | 4,653 | 50 | 4,491 | 4,542 | 17 | 3,962 | 3,979 |
| Total In-river Run | 19,048 | 209,134 | 228,182 | 24,054 | 191,642 | 215,696 | 9,100 | 124,340 | 133,440 |

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**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1990 | | | 1991 | | | 1992 | | |
|---|--------------|----------------|----------------|-------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 321 | 6,719 | 7,040 | 65 | 4,002 | 4,067 | 3,737 | 3,581 | 7,318 |
| Trinity River Hatchery (TRH) | 371 | 1,348 | 1,719 | 205 | 2,482 | 2,687 | 211 | 3,779 | 3,990 |
| Subtotals | 692 | 8,067 | 8,759 | 270 | 6,484 | 6,754 | 3,948 | 7,360 | 11,308 |
| Natural Spawners | | | | | | | | | |
| Trinity River basin (above Willow Creek, excluding TRH) | 241 | 7,682 | 7,923 | 382 | 4,867 | 5,249 | 2,563 | 7,139 | 9,702 |
| Salmon River basin | 596 <i>v</i> | 4,071 <i>v</i> | 4,667 <i>v</i> | 143 | 1,337 | 1,480 | 547 | 778 | 1,325 |
| Scott River basin | 236 | 1,379 | 1,615 | 146 | 2,019 | 2,165 | 965 | 1,873 | 2,838 |
| Shasta River basin | 118 | 415 | 533 | 10 | 716 | 726 | 66 | 520 | 586 |
| Bogus Creek basin | 53 | 732 | 785 | 20 | 1,261 | 1,281 | 556 | 598 | 1,154 |
| Main Stem Klamath River (excluding IGH) | 59 | 505 | 564 | 8 | 572 | 580 | 234 | 366 | 600 |
| Misc. Klamath tributaries (above Hoopa and Yurok Reservations) | 30 | 694 | 724 | 9 | 495 | 504 | 153 | 280 | 433 |
| Hoopa and Yurok Reservation tribs. | 17 <i>k/</i> | 118 <i>k/</i> | 135 <i>k/</i> | 0 <i>k/</i> | 382 <i>k/</i> | 382 <i>k/</i> | 59 <i>k/</i> | 474 <i>k/</i> | 533 <i>k/</i> |
| Subtotals | 1,350 | 15,596 | 16,946 | 718 | 11,649 | 12,367 | 5,143 | 12,028 | 17,171 |
| Total Spawner Escapement | 2,042 | 23,663 | 25,705 | 988 | 18,133 | 19,121 | 9,091 | 19,388 | 28,479 |

IN-RIVER HARVEST

| | 1990 | | | 1991 | | | 1992 | | |
|--|--------------|---------------|---------------|------------|---------------|---------------|--------------|--------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 58 | 291 | 349 | 19 | 314 | 333 | 13 | 20 | 33 |
| Trinity River basin (above Willow Creek) | 22 | 328 | 350 | 94 | 1,177 | 1,271 | 158 | 314 | 472 |
| Balance of Klamath system | 2,020 | 2,934 | 4,954 | 573 | 1,892 | 2,465 | 3,949 | 668 | 4,617 |
| Subtotals | 2,100 | 3,553 | 5,653 | 686 | 3,383 | 4,069 | 4,120 | 1,002 | 5,122 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 13 | 3,648 | 3,661 | 7 | 3,902 | 3,909 | 124 | 1,152 | 1,276 |
| Klamath River (Hwy 101 to Trinity mouth) | 141 | 3,447 | 3,588 | 25 | 5,016 | 5,041 | 200 | 3,687 | 3,887 |
| Trinity River (Hoopa Reservation) | 36 | 811 | 847 | 30 | 1,280 | 1,310 | 42 | 946 | 988 |
| Subtotals | 190 | 7,906 | 8,096 | 62 | 10,198 | 10,260 | 366 | 5,785 | 6,151 |
| Total In-river Harvest | 2,290 | 11,459 | 13,749 | 748 | 13,581 | 14,329 | 4,486 | 6,787 | 11,273 |

IN-RIVER RUN

| | 1990 | | | 1991 | | | 1992 | | |
|---|--------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 4,332 | 35,122 | 39,454 | 1,736 | 31,714 | 33,450 | 13,577 | 26,175 | 39,752 |
| Angling Mortality (2.04% of harvest) f/ | 43 | 73 | 115 | 14 | 69 | 83 | 84 | 20 | 105 |
| Net Mortality (8.70% of harvest) f/ | 17 | 687 | 704 | 5 | 887 | 892 | 32 | 503 | 535 |
| Total In-river Run | 4,392 | 35,882 | 40,274 | 1,755 | 32,670 | 34,425 | 13,693 | 26,698 | 40,391 |

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**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1993 | | | 1994 | | | 1995 | | |
|---|------------------|-------------------|-------------------|-------------------|----------------------|---------------------|-------------------|----------------------|---------------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 883 | 20,828 | 21,711 | 758 | 13,808 ^{mv} | 14,566 | 259 | 22,681 ^{mv} | 22,940 |
| Trinity River Hatchery (TRH) | 736 | 815 | 1,551 | 4,442 | 3,264 | 7,706 | 76 | 15,178 | 15,254 |
| Subtotals | 1,619 | 21,643 | 23,262 | 5,200 | 17,072 | 22,272 | 335 | 37,859 | 38,194 |
| Natural Spawners | | | | | | | | | |
| Trinity River basin (above Willow Creek, excluding TRH) | 2,465 | 5,905 | 8,370 | 2,505 | 10,906 | 13,411 | 9,262 | 77,876 | 87,138 |
| Salmon River basin | 456 | 3,077 | 3,533 | 277 | 3,216 | 3,493 | 1,335 | 4,140 | 5,475 |
| Scott River basin | 265 | 5,035 | 5,300 | 505 | 2,358 | 2,863 | 3,279 | 11,198 | 14,477 |
| Shasta River basin | 85 | 1,341 | 1,426 | 1,840 | 3,363 | 5,203 | 695 | 12,816 | 13,511 |
| Bogus Creek basin | 431 | 3,285 | 3,716 | 443 | 7,817 | 8,260 | 1,207 | 45,225 | 46,432 |
| Main Stem Klamath River (excluding IGH) | 31 ^{nv} | 647 ^{nv} | 678 ^{nv} | 625 ^{nv} | 3,249 ^{nv} | 3,874 ^{nv} | 768 ^{nv} | 6,472 ^{nv} | 7,240 ^{nv} |
| Misc. Klamath tributaries (above Hoopa and Yurok Reservations) | 92 | 2,470 | 2,562 | 50 | 1,202 | 1,252 | 744 ^{ov} | 3,654 ^{ov} | 4,398 ^{ov} |
| Hoopa and Yurok Reservation tribs. | 0 ^{nv} | 98 ^{nv} | 98 ^{nv} | 0 ^{nv} | 222 ^{nv} | 222 ^{nv} | 34 ^{pv} | 413 ^{pv} | 447 ^{pv} |
| Subtotals | 3,825 | 21,858 | 25,683 | 6,245 | 32,333 | 38,578 | 17,324 | 161,794 | 179,118 |
| Total Spawner Escapement | 5,444 | 43,501 | 48,945 | 11,445 | 49,405 | 60,850 | 17,659 | 199,653 | 217,312 |

IN-RIVER HARVEST

| | 1993 | | | 1994 | | | 1995 | | |
|--|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 23 | 669 | 692 | 246 | 662 | 908 | 323 | 956 | 1,279 |
| Trinity River basin (above Willow Creek) | 172 | 391 | 563 | 547 | 260 | 807 | 554 | 2,779 | 3,333 |
| Balance of Klamath system | 1,730 | 2,112 | 3,842 | 1,763 | 910 | 2,673 | 3,543 | 2,346 ^{qv} | 5,889 |
| Subtotals | 1,925 | 3,172 | 5,097 | 2,556 | 1,832 | 4,388 | 4,420 | 6,081 | 10,501 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 62 | 3,017 | 3,079 | 81 | 4,362 | 4,443 | 137 | 5,119 | 5,256 |
| Klamath River (Hwy 101 to Trinity mouth) | 80 | 5,127 | 5,207 | 118 | 5,064 | 5,182 | 152 | 7,055 | 7,207 |
| Trinity River (Hoopa Reservation) | 33 | 1,492 | 1,525 | 94 | 2,266 | 2,360 | 268 | 3,383 | 3,651 |
| Subtotals | 175 | 9,636 | 9,811 | 293 | 11,692 | 11,985 | 557 | 15,557 | 16,114 |
| Total In-river Harvest | 2,100 | 12,808 | 14,908 | 2,849 | 13,524 | 16,373 | 4,977 | 21,638 | 26,615 |

IN-RIVER RUN

| | 1993 | | | 1994 | | | 1995 | | |
|--|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 7,544 | 56,309 | 63,853 | 14,294 | 62,929 | 77,223 | 22,636 | 221,291 | 243,927 |
| Angling Mortality (2.04% of harvest) ^{f/} | 39 | 65 | 104 | 52 | 37 | 90 | 90 | 124 | 214 |
| Net Mortality (8.70% of harvest) ^{f/} | 15 | 838 | 853 | 25 | 1,017 | 1,042 | 48 | 1,353 | 1,401 |
| Total In-river Run | 7,598 | 57,212 | 64,810 | 14,371 | 63,983 | 78,354 | 22,774 | 222,768 | 245,542 |

(continued next page)

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1996 | | | 1997 | | | 1998 | | |
|--------------------------------------|-------------------|---------------------|---------------------|-------------------|---------------------|---------------------|-------------------|---------------------|---------------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 543 | 13,622 | 14,165 | 452 | 13,275 | 13,727 | 403 | 14,923 | 15,326 |
| Trinity River Hatchery (TRH) | 249 | 6,411 | 6,660 | 820 | 5,387 | 6,207 | 192 | 14,296 | 14,488 |
| Subtotals | 792 | 20,033 | 20,825 | 1,272 | 18,662 | 19,934 | 595 | 29,219 | 29,814 |
| Natural Spawners | | | | | | | | | |
| Trinity River basin | 4,478 | 42,646 | 47,124 | 2,845 | 11,507 | 14,352 | 1,974 | 24,460 | 26,434 |
| (above Willow Creek, excluding TRH) | 274 | 5,189 | 5,463 | 217 | 5,783 | 6,000 | 116 | 1,337 | 1,453 |
| Salmon River basin | 145 | 11,952 | 12,097 | 277 | 8,284 | 8,561 | 266 | 3,061 | 3,327 |
| Scott River basin | 46 | 1,404 | 1,450 | 334 | 1,667 | 2,001 | 76 | 2,466 | 2,542 |
| Shasta River basin | 377 | 10,420 | 10,797 | 221 | 9,809 | 10,030 | 205 | 6,630 | 6,835 |
| Bogus Creek basin | | | | | | | | | |
| Main Stem Klamath River | 218 ^{n/} | 2,790 ^{n/} | 3,008 ^{n/} | 104 ^{n/} | 3,472 ^{n/} | 3,576 ^{n/} | 109 ^{n/} | 2,913 ^{n/} | 3,022 ^{n/} |
| (excluding IGH) | | | | | | | | | |
| Misc. Klamath-Trinity tributaries | 581 ^{o/} | 5,804 ^{o/} | 6,385 ^{o/} | 174 ^{o/} | 5,174 ^{o/} | 5,348 ^{o/} | 83 ^{o/} | 1,232 ^{o/} | 1,315 ^{o/} |
| (above Hoopa and Yurok Reservations) | | | | | | | | | |
| Hoopa and Yurok Reservation tribs. | 55 ^{p/} | 1,121 ^{p/} | 1,176 ^{p/} | 53 ^{p/} | 448 ^{p/} | 501 ^{p/} | 26 ^{p/} | 389 ^{p/} | 415 ^{p/} |
| Subtotals | 6,174 | 81,326 | 87,500 | 4,225 | 46,144 | 50,369 | 2,855 | 42,488 | 45,343 |
| Total Spawner Escapement | 6,966 | 101,359 | 108,325 | 5,497 | 64,806 | 70,303 | 3,450 | 71,707 | 75,157 |

IN-RIVER HARVEST

| | 1996 | | | 1997 | | | 1998 | | |
|--|--------------|---------------|---------------------|--------------|---------------|---------------------|--------------|----------------------------|---------------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 100 | 3,110 | 3,210 | 49 | 2,182 | 2,231 | 124 | 1,603 | 1,727 |
| Klamath River (Hwy 101 to Coon Cr Falls) | 1,128 | 4,052 | 5,180 | 1,226 | 512 | 1,738 | 406 | 1,270 | 1,676 |
| Trinity River basin (above Willow Creek) | 331 | 1,214 | 1,545 ^{r/} | 353 | 1,331 | 1,684 ^{s/} | 275 | 3,262 | 3,537 ^{w/} |
| Balance of Klamath system | 753 | 4,390 | 5,143 | 781 | 1,651 | 2,432 ^{t/} | 303 | 1,575 | 1,878 ^{v/} |
| Subtotals | 2,312 | 12,766 | 15,078 | 2,409 | 5,676 | 8,085 | 1,108 | 7,710 ^{x/} | 8,818 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 163 | 49,113 | 49,276 | 21 | 5,574 | 5,595 | 16 | 3,454 | 3,470 |
| Klamath River (Hwy 101 to Trinity mouth) | 19 | 4,593 | 4,612 | 8 | 5,275 | 5,283 | 32 | 5,198 | 5,230 |
| Trinity River (Hoopa Reservation) | 8 | 2,770 | 2,778 | 6 | 1,238 | 1,244 | 5 | 1,535 | 1,540 |
| Subtotals | 190 | 56,476 | 56,666 | 35 | 12,087 | 12,122 | 53 | 10,187 | 10,240 |
| Total In-river Harvest | 2,502 | 69,242 | 71,744 | 2,444 | 17,763 | 20,207 | 1,161 | 17,897 | 19,058 |

IN-RIVER RUN

| | 1996 | | | 1997 | | | 1998 | | |
|---|--------------|----------------|----------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 9,468 | 170,601 | 180,069 | 7,941 | 82,569 | 90,510 | 4,611 | 89,604 | 94,215 |
| Angling Mortality (2.04% of harvest) f/ | 47 | 261 | 308 | 49 | 116 | 165 | 23 | 157 | 180 |
| Net Mortality (8.70% of harvest) f/ | 17 | 4,911 | 4,927 | 3 | 1,051 | 1,054 | 5 | 886 | 890 |
| Total In-river Run | 9,532 | 175,773 | 185,305 | 7,993 | 83,736 | 91,729 | 4,639 | 90,647 | 95,286 |

(continued next page)

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 1999 | | | 2000 | | | 2001 | | |
|---|---------------|---------------|---------------|--------------|----------------|----------------|--------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 4,830 | 9,290 | 14,120 | 839 | 71,635 | 72,474 | 1,364 | 37,204 | 38,568 |
| Trinity River Hatchery (TRH) | 2,027 | 5,037 | 7,064 | 1,070 | 25,976 | 27,046 | 267 | 17,908 | 18,175 |
| Hatchery Spawner Subtotals: | 6,857 | 14,327 | 21,184 | 1,909 | 97,611 | 99,520 | 1,631 | 55,112 | 56,743 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 630 | 1,978 | 2,608 | 184 | 3,271 | 3,455 | 1,016 | 9,832 | 10,848 |
| Salmon River basin | 110 | 670 | 780 | 228 | 1,544 | 1,772 | 743 | 2,607 | 3,350 |
| Scott River basin | 563 | 3,021 | 3,584 | 524 | 5,729 | 6,253 | 744 | 5,398 | 6,142 |
| Shasta River basin | 1,901 | 1,296 | 3,197 | 1,271 | 11,025 | 12,296 | 2,641 | 8,452 | 11,093 |
| Bogus Creek basin | 2,628 | 3,537 | 6,165 | 373 | 34,678 | 35,051 | 648 | 11,927 | 12,575 |
| Misc. Klamath tributaries o/ (above Yurok Reservation) | 251 | 777 | 1,028 | 158 | 1,345 | 1,503 | 538 | 2,240 | 2,778 |
| Yurok Reservation tribs. (Klamath River) p/ | 210 | 381 | 591 | 153 | 796 | 949 | 48 | 488 | 536 |
| Klamath Natural Spawner Subtotals: | 6,293 | 11,660 | 17,953 | 2,891 | 58,388 | 61,279 | 6,378 | 40,944 | 47,322 |
| Main Stem Trinity River dd/ (excluding TRH) | 4,154 | 6,753 | 10,907 | 3,376 | 23,468 | 26,844 | 1,336 | 35,991 | 37,327 cc/ |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | | | | 103 | 706 | 809 | 27 | 729 | 756 |
| Hoopa Reservation tribs. (Trinity River) p/ | 0 | 44 | 44 | 24 | 166 | 190 | 6 | 170 | 176 |
| Trinity Natural Spawner Subtotals: | 4,154 | 6,797 | 10,951 | 3,503 | 24,340 | 27,843 | 1,369 | 36,890 | 38,259 |
| Natural Spawner Subtotals | 10,447 | 18,457 | 28,904 | 6,394 | 82,728 | 89,122 | 7,747 | 77,834 | 85,581 |
| Total Spawner Escapement | 17,304 | 32,784 | 50,088 | 8,303 | 180,339 | 188,642 | 9,378 | 132,946 | 142,324 |

IN-RIVER HARVEST

| | 1999 | | | 2000 | | | 2001 | | |
|--|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 37 | 177 | 214 | 108 | 1,190 | 1,298 | 298 | 4,620 | 4,918 |
| Klamath River (Hwy 101 to Coon Cr Falls) | 869 y/ | 1,112 y/ | 1,981 y/ | 972 | 1,006 | 1,978 | 825 | 1,960 | 2,785 |
| Klamath River (Coon Cr Falls to IGH) | 138 z/ | 571 z/ | 709 z/ | 117 | 1,549 | 1,666 bb/ | 242 | 3,041 | 3,283 |
| Trinity River basin above Weitchpec aa/ | 572 | 422 | 994 | 385 | 1,905 | 2,290 | 135 | 2,513 | 2,648 |
| Angler Harvest Subtotals: | 1,616 | 2,282 | 3,898 | 1,582 | 5,650 | 7,232 | 1,500 | 12,134 | 13,634 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 126 | 4,387 | 4,513 | 35 | 17,278 | 17,313 | 261 | 28,967 | 29,228 |
| Klamath River (Hwy 101 to Trinity mouth) | 49 | 7,295 | 7,344 | 140 | 6,175 | 6,315 | 78 | 4,724 | 4,802 |
| Trinity River (Hoopa Reservation) | 96 | 2,978 | 3,074 | 128 | 5,962 | 6,090 | 60 | 4,954 | 5,014 |
| Indian Net Harvest Subtotals: | 271 | 14,660 | 14,931 | 303 | 29,415 | 29,718 | 399 | 38,645 | 39,044 |
| Total In-river Harvest | 1,887 | 16,942 | 18,829 | 1,885 | 35,065 | 36,950 | 1,899 | 50,779 | 52,678 |

IN-RIVER RUN

| | 1999 | | | 2000 | | | 2001 | | |
|---|---------------|---------------|---------------|---------------|----------------|----------------|---------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 19,191 | 49,726 | 68,917 | 10,188 | 215,404 | 225,592 | 11,277 | 183,725 | 195,002 |
| Angling Mortality (2.04% of harvest) f/ | 33 | 47 | 80 | 32 | 115 | 148 | 31 | 248 | 278 |
| Net Mortality (8.70% of harvest) f/ | 24 | 1,275 | 1,298 | 26 | 2,558 | 2,584 | 35 | 3,360 | 3,395 |
| Total In-river Run | 19,248 | 51,048 | 70,296 | 10,246 | 218,077 | 228,323 | 11,343 | 187,333 | 198,676 |

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 2002 | | | 2003 | | | 2004 | | |
|---|--------------|---------------|---------------|--------------|----------------|----------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 1,294 | 23,667 | 24,961 | 290 | 31,970 | 32,260 | 937 | 10,582 | 11,519 |
| Trinity River Hatchery (TRH) | 1,037 | 3,516 | 4,553 | 574 | 29,812 | 30,386 | 1,044 | 12,399 | 13,443 |
| Hatchery Spawner Subtotals: | 2,331 | 27,183 | 29,514 | 864 | 61,782 | 62,646 | 1,981 | 22,981 | 24,962 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 658 | 21,650 | 22,308 | 298 | 17,722 | 18,020 | 205 | 5,037 | 5,242 |
| Salmon River basin | 78 | 2,669 | 2,747 | 73 | 3,302 | 3,375 | 51 | 282 | 333 |
| Scott River basin | 47 | 4,261 | 4,308 | 65 | 11,988 | 12,053 | 22 | 445 | 467 |
| Shasta River basin | 386 | 6,432 | 6,818 | 155 | 4,134 | 4,289 | 129 | 833 | 962 |
| Bogus Creek basin | 304 | 17,530 | 17,834 | 188 | 15,422 | 15,610 | 295 | 3,493 | 3,788 |
| Misc. Klamath tributaries o/ (above Yurok Reservation) | 44 | 1,344 | 1,388 | 38 | 1,761 | 1,799 | 80 | 477 | 557 |
| Yurok Reservation tribs. (Klamath River) p/ | 12 | 339 | 351 | 31 | 1,094 | 1,125 | 64 | 144 | 208 |
| Klamath Natural Spawner Subtotals: | 1,529 | 54,225 | 55,754 | 848 | 55,423 | 56,271 | 846 | 10,711 | 11,557 |
| Main Stem Trinity River dd/ (excluding TRH) | 2,230 | 10,880 | 13,110 | 1,065 | 31,173 | 32,238 | 3,722 | 12,718 | 16,440 |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | 66 | 324 | 390 | 109 | 602 | 711 | 75 | 258 | 333 |
| Hoopa Reservation tribs. (Trinity River) p/ | 42 | 206 | 248 | 80 | 444 | 524 | 42 | 144 | 186 |
| Trinity Natural Spawner Subtotals: | 2,338 | 11,410 | 13,748 | 1,254 | 32,219 | 33,473 | 3,839 | 13,120 | 16,959 |
| Natural Spawner Subtotals | 3,867 | 65,635 | 69,502 | 2,102 | 87,642 | 89,744 | 4,685 | 23,831 | 28,516 |
| Total Spawner Escapement | 6,198 | 92,818 | 99,016 | 2,966 | 149,424 | 152,390 | 6,666 | 46,812 | 53,478 |

IN-RIVER HARVEST

| | 2002 | | | 2003 | | | 2004 | | |
|--|------------|---------------|---------------|------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 274 | 3,285 | 3,559 | 180 | 1,589 | 1,769 | 748 | 725 | 1,473 |
| Klamath River (Hwy 101 to Coon Cr Falls) | 284 | 3,268 | 3,552 | 369 | 3,336 | 3,705 | 1,493 | 1,472 | 2,965 |
| Klamath River (Coon Cr Falls to IGH) | 93 | 3,216 | 3,309 | 40 | 2,397 | 2,437 | 52 | 1,266 | 1,318 |
| Trinity River basin above Weitchpec aa/ | 219 | 726 | 945 | 225 | 2,358 | 2,583 | 448 | 540 | 988 |
| Angler Harvest Subtotals: | 870 | 10,495 | 11,365 | 814 | 9,680 | 10,494 | 2,741 | 4,003 | 6,744 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 17 | 20,149 | 20,166 | 15 | 22,688 | 22,703 | 75 | 21,037 | 21,112 |
| Klamath River (Hwy 101 to Trinity mouth) | 41 | 3,257 | 3,298 | 17 | 4,575 | 4,592 | 73 | 3,077 | 3,150 |
| Trinity River (Hoopa Reservation) | 68 | 1,168 | 1,236 | 12 | 2,771 | 2,783 | 20 | 1,689 | 1,709 |
| Indian Net Harvest Subtotals: | 126 | 24,574 | 24,700 | 44 | 30,034 | 30,078 | 168 | 25,803 | 25,971 |
| Total In-river Harvest | 996 | 35,069 | 36,065 | 858 | 39,714 | 40,572 | 2,909 | 29,806 | 32,715 |

IN-RIVER RUN

| | 2002 | | | 2003 | | | 2004 | | |
|---|--------------|----------------|----------------|--------------|----------------|----------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 7,194 | 127,887 | 135,081 | 3,824 | 189,138 | 192,962 | 9,575 | 76,618 | 86,193 |
| Angling Mortality (2.04% of harvest) f/ | 18 | 214 | 232 | 17 | 198 | 214 | 56 | 82 | 138 |
| Net Mortality (8.70% of harvest) f/ | 11 | 2,137 | 2,148 | 4 | 2,612 | 2,615 | 15 | 2,244 | 2,258 |
| Fish Die Off ee/ | 2,003 | 30,550 | 32,553 | | | | | | |
| Total In-river Run | 9,226 | 160,788 | 170,014 | 3,845 | 191,948 | 195,791 | 9,646 | 78,944 | 88,589 |

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 2005 | | | 2006 | | | 2007 | | |
|---|--------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 42 | 13,955 | 13,997 | 2,386 | 11,604 | 13,990 | 180 | 16,969 | 17,149 |
| Trinity River Hatchery (TRH) | 59 | 13,744 | 13,803 | 4,076 | 7,918 | 11,994 | 33 | 18,081 | 18,114 |
| Hatchery Spawner Subtotals: | 101 | 27,699 | 27,800 | 6,462 | 19,522 | 25,984 | 213 | 35,050 | 35,263 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 32 | 4,622 | 4,654 | 853 | 4,538 | 5,391 | 41 | 6,914 | 6,955 |
| Salmon River basin | 105 | 401 | 506 | 791 | 1,278 | 2,069 | 55 | 1,377 | 1,432 |
| Scott River basin | 58 | 698 | 756 | 1,953 | 3,007 | 4,960 | 11 | 4,494 | 4,505 |
| Shasta River basin | 37 | 2,018 | 2,055 | 1,395 | 789 | 2,184 | 27 | 2,009 | 2,036 |
| Bogus Creek basin | 58 | 5,341 | 5,399 | 765 | 3,368 | 4,133 | 64 | 4,677 | 4,741 |
| Misc. Klamath tributaries o/ (above Yurok Reservation) | 40 | 361 | 401 | 739 | 1,165 | 1,904 | 26 | 1,414 | 1,440 |
| Yurok Reservation tribs. (Klamath River) p/ | 68 | 113 | 181 | 20 | 119 | 139 | 8 | 407 | 415 |
| Klamath Natural Spawner Subtotals: | 398 | 13,554 | 13,952 | 6,516 | 14,264 | 20,780 | 232 | 21,292 | 21,524 |
| Main Stem Trinity River dd/ (excluding TRH) | 658 | 12,987 | 13,645 | 7,607 | 15,375 | 22,982 | 832 | 39,038 | 39,870 |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | 8 | 164 | 172 | 71 | 142 | 213 | 5 | 246 | 251 |
| Hoopa Reservation tribs. (Trinity River) p/ | 4 | 84 | 88 | 189 | 382 | 571 | 2 | 94 | 96 |
| Trinity Natural Spawner Subtotals: | 670 | 13,235 | 13,905 | 7,867 | 15,899 | 23,766 | 839 | 39,378 | 40,217 |
| Natural Spawner Subtotals | 1,068 | 26,789 | 27,857 | 14,383 | 30,163 | 44,546 | 1,071 | 60,670 | 61,741 |
| Total Spawner Escapement | 1,169 | 54,488 | 55,657 | 20,845 | 49,685 | 70,530 | 1,284 | 95,720 | 97,004 |

IN-RIVER HARVEST

| | 2005 | | | 2006 | | | 2007 | | |
|--|--------------|---------------|---------------|--------------|-------------------------|---------------|------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 311 | 243 | 554 | 60 | 1 | 61 | 20 | 1,097 | 1,117 |
| Klamath River (Hwy 101 to Weitchpec) | 595 | 468 | 1,063 | 4,421 | 38 | 4,459 | 218 | 2,211 | 2,429 |
| Klamath River (Weitchpec to IGH) | 6 | 318 | 324 | 721 | 18 | 739 | 19 | 1,667 | 1,686 |
| Trinity River basin above Weitchpec aa/ | 118 | 956 | 1,074 | 325 | 5 | 330 | 112 | 1,337 | 1,449 |
| Angler Harvest Subtotals: | 1,030 | 1,985 | 3,015 | 5,527 | 62 ^{ff} | 5,589 | 369 | 6,312 | 6,681 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 21 | 2,293 | 2,314 | 30 | 2,726 | 2,756 | 16 | 23,475 | 23,491 |
| Klamath River (Hwy 101 to Trinity mouth) | 38 | 3,314 | 3,352 | 240 | 3,396 | 3,636 | 5 | 1,800 | 1,805 |
| Trinity River (Hoopa Reservation) | 11 | 2,409 | 2,420 | 145 | 4,161 | 4,306 | 0 | 2,298 | 2,298 |
| Indian Net Harvest Subtotals: | 70 | 8,016 | 8,086 | 415 | 10,283 | 10,698 | 21 | 27,573 | 27,594 |
| Total In-river Harvest | 1,100 | 10,001 | 11,101 | 5,942 | 10,345 | 16,287 | 390 | 33,885 | 34,275 |

IN-RIVER RUN

| | 2005 | | | 2006 | | | 2007 | | |
|---|--------------|---------------|---------------|---------------|---------------|---------------|--------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 2,269 | 64,489 | 66,758 | 26,787 | 60,030 | 86,817 | 1,674 | 129,605 | 131,279 |
| Angling Mortality (2.04% of harvest) f/ | 21 | 41 | 62 | 113 | 76 | 189 | 8 | 129 | 136 |
| Net Mortality (8.70% of harvest) f/ | 6 | 697 | 703 | 36 | 894 | 930 | 2 | 2,397 | 2,399 |
| Catch and Release Mortality gg/ | | | | 0 | 373 | 373 | | | |
| Total In-river Run | 2,296 | 65,227 | 67,523 | 26,936 | 61,373 | 88,309 | 1,684 | 132,131 | 133,815 |

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 2008 | | | 2009 | | | 2010 | | |
|---|---------------|---------------|---------------|--------------|----------------------|---------------|---------------|----------------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 2,130 | 9,101 | 11,231 | 1,229 | 12,263 | 13,492 | 1,069 | 10,278 | 11,347 |
| Trinity River Hatchery (TRH) | 801 | 4,451 | 5,252 | 143 | 7,351 | 7,494 | 1,432 | 7,774 | 9,206 |
| Hatchery Spawner Subtotals: | 2,931 | 13,552 | 16,483 | 1,372 | 19,614 | 20,986 | 2,501 | 18,052 | 20,553 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 1,199 | 5,830 | 7,029 | 295 | 7,945 | 8,240 | 275 | 3,684 | 3,959 |
| Salmon River basin | 650 | 1,749 | 2,399 | 516 | 2,204 ^{hh/} | 2,720 | 356 | 2,478 ^{hh/} | 2,834 |
| Scott River basin | 1,228 | 3,445 | 4,673 | 44 | 2,167 | 2,211 | 394 | 2,114 | 2,508 |
| Shasta River basin | 3,621 | 2,741 | 6,362 | 151 | 6,145 | 6,296 | 87 | 1,261 | 1,348 |
| Bogus Creek basin | 1,565 | 3,001 | 4,566 | 471 | 5,455 | 5,926 | 291 | 3,180 | 3,471 |
| Misc. Klamath tributaries o/ (above Yurok Reservation) | 1,073 | 1,845 | 2,918 | 175 | 3,094 | 3,269 | 274 | 1,663 | 1,937 |
| Yurok Reservation tribs. (Klamath River) p/ | 89 | 409 | 498 | 296 | 733 | 1,029 | 134 | 790 | 924 |
| Klamath Natural Spawner Subtotals: | 9,425 | 19,020 | 28,445 | 1,948 | 27,743 | 29,691 | 1,811 | 15,170 | 16,981 |
| Main Stem Trinity River dd/ (excluding TRH) | 7,255 | 11,006 | 18,261 | 5,958 | 16,168 | 22,126 | 9,779 | 21,579 | 31,358 |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | 158 | 240 | 398 | 70 | 190 | 260 | 69 | 152 | 221 |
| Hoopa Reservation tribs. (Trinity River) p/ | 385 | 584 | 969 | 114 | 308 | 422 | 147 | 324 | 471 |
| Trinity Natural Spawner Subtotals: | 7,798 | 11,830 | 19,628 | 6,142 | 16,666 | 22,808 | 9,995 | 22,055 | 32,050 |
| Natural Spawner Subtotals | 17,223 | 30,850 | 48,073 | 8,090 | 44,409 | 52,499 | 11,806 | 37,225 | 49,031 |
| Total Spawner Escapement | 20,154 | 44,402 | 64,556 | 9,462 | 64,023 | 73,485 | 14,307 | 55,277 | 69,584 |

IN-RIVER HARVEST

| | 2008 | | | 2009 | | | 2010 | | |
|--|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 521 | 141 | 662 | 319 | 1,191 | 1,510 | 162 | 510 | 672 |
| Klamath River (Hwy 101 to Weitchpec) | 3,358 | 896 | 4,254 | 1,559 | 2,015 | 3,574 | 1,320 | 1,225 | 2,545 |
| Klamath River (Weitchpec to IGH) | 160 | 523 | 683 | 155 | 1,614 | 1,769 | 88 | 875 | 963 |
| Trinity River basin above Weitchpec aa/ | 269 | 359 | 628 | 181 | 831 | 1,012 | 261 | 425 | 686 |
| Angler Harvest Subtotals: | 4,308 | 1,919 | 6,227 | 2,214 | 5,651 | 7,865 | 1,831 | 3,035 | 4,866 |
| Indian Net Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 302 | 17,710 | 18,012 | 43 | 19,465 | 19,508 | 20 | 21,725 | 21,745 |
| Klamath River (Hwy 101 to Trinity mouth) | 187 | 2,636 | 2,823 | 39 | 4,769 | 4,808 | 156 | 4,461 | 4,617 |
| Trinity River (Hoopa Reservation) | 152 | 1,913 | 2,065 | 96 | 4,153 | 4,249 | 252 | 3,701 | 3,953 |
| Indian Net Harvest Subtotals: | 641 | 22,259 | 22,900 | 178 | 28,387 | 28,565 | 428 | 29,887 | 30,315 |
| Total In-river Harvest | 4,949 | 24,178 | 29,127 | 2,392 | 34,038 | 36,430 | 2,259 | 32,922 | 35,181 |

IN-RIVER RUN

| | 2008 | | | 2009 | | | 2010 | | |
|---|---------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 25,103 | 68,580 | 93,683 | 11,854 | 98,061 | 109,915 | 16,566 | 88,199 | 104,765 |
| Angling Mortality (2.04% of harvest) f/ | 88 | 39 | 127 | 45 | 115 | 161 | 37 | 62 | 99 |
| Net Mortality (8.70% of harvest) f/ | 56 | 1,935 | 1,991 | 15 | 2,468 | 2,484 | 37 | 2,599 | 2,636 |
| Total In-river Run | 25,247 | 70,554 | 95,801 | 11,914 | 100,644 | 112,558 | 16,640 | 90,860 | 107,500 |

(continued next page)

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 2011 | | | 2012 | | | 2013 | | |
|--|---------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 9,549 | 8,490 | 18,039 | 1,537 | 38,478 | 40,015 | 1,323 | 13,431 | 14,754 |
| Trinity River Hatchery (TRH) | 1,875 | 13,847 | 15,722 | 92 | 17,461 | 17,553 | 135 | 3,717 | 3,852 |
| Hatchery Spawner Subtotals: | 11,424 | 22,337 | 33,761 | 1,629 | 55,939 | 57,568 | 1,458 | 17,148 | 18,606 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 3,270 | 3,933 | 7,203 | 1,859 | 18,249 | 20,108 | 683 | 12,192 | 12,875 |
| Salmon River basin | 1,819 | 3,674 | 5,493 | 829 | 3,561 | 4,390 | 240 | 2,240 | 2,480 |
| Scott River basin | 2,502 | 3,019 | 5,521 | 1,783 | 7,569 | 9,352 | 588 | 4,036 | 4,624 |
| Shasta River basin | 11,175 | 213 | 11,388 | 1,944 | 27,600 | 29,544 | 1,096 | 6,925 | 8,021 |
| Bogus Creek basin | 2,303 | 2,919 | 5,222 | 839 | 11,792 | 12,631 | 338 | 3,682 | 4,020 |
| Misc. Klamath tributaries o/ii/ (above Yurok Reservation) | 3,259 | 3,072 | 6,331 | 629 | 3,254 | 3,883 | 200 | 2,310 | 2,510 |
| Yurok Reservation tribs. (Klamath River) p/ | 418 | 1,143 | 1,561 | 406 | 761 | 1,167 | 129 | 326 | 455 |
| Klamath Natural Spawner Subtotals: | 24,746 | 17,973 | 42,719 | 8,289 | 72,786 | 81,075 | 3,274 | 31,711 | 34,985 |
| Main Stem Trinity River dd/ (excluding TRH) | 36,913 | 27,718 | 64,631 | 7,242 | 47,921 | 55,163 | 6,954 | 27,127 | 34,081 |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | 96 | 542 | 638 | 79 | 520 | 599 | 20 | 78 | 98 |
| Hoopa Reservation tribs. (Trinity River) p/ | 94 | 530 | 624 | 48 | 316 | 364 | 62 | 240 | 302 |
| Trinity Natural Spawner Subtotals: | 37,103 | 28,790 | 65,893 | 7,369 | 48,757 | 56,126 | 7,036 | 27,445 | 34,481 |
| Natural Spawner Subtotals | 61,849 | 46,763 | 108,612 | 15,658 | 121,543 | 137,201 | 10,310 | 59,156 | 69,466 |
| Total Spawner Escapement | 73,273 | 69,100 | 142,373 | 17,287 | 177,482 | 194,769 | 11,768 | 76,304 | 88,072 |

IN-RIVER HARVEST

| | 2011 | | | 2012 | | | 2013 | | |
|--|---------------|---------------|---------------|--------------|----------------|----------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 700 | 624 | 1,324 | 382 | 2,696 | 3,078 | 546 | 11,272 | 11,818 |
| Klamath River (Hwy 101 to Weitchpec) | 6,557 | 912 | 7,469 | 3,183 | 5,174 | 8,357 | 1,135 | 1,113 | 2,248 |
| Klamath River (Weitchpec to IGH) | 1,481 | 1,483 | 2,964 | 243 | 3,967 | 4,210 | 531 | 6,243 | 6,774 |
| Trinity River basin above Weitchpec aa/ | 1,243 | 1,128 | 2,371 | 67 | 2,039 | 2,106 | 48 | 1,172 | 1,220 |
| Angler Harvest Subtotals: | 9,981 | 4,147 | 14,128 | 3,875 | 13,876 | 17,751 | 2,260 | 19,800 | 22,060 |
| Tribal Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 429 | 17,218 | 17,647 | 68 | 87,747 | 87,815 | 205 | 57,504 | 57,709 |
| Klamath River (Hwy 101 to Trinity mouth) | 467 | 4,272 | 4,739 | 54 | 3,494 | 3,548 | 38 | 2,513 | 2,551 |
| Trinity River (Hoopa Reservation) | 426 | 4,863 | 5,289 | 55 | 4,145 | 4,200 | 16 | 3,019 | 3,035 |
| Tribal Harvest Subtotals: | 1,322 | 26,353 | 27,675 | 177 | 95,386 | 95,563 | 259 | 63,036 | 63,295 |
| Total In-river Harvest | 11,303 | 30,500 | 41,803 | 4,052 | 109,262 | 113,314 | 2,519 | 82,836 | 85,355 |

IN-RIVER RUN

| | 2011 | | | 2012 | | | 2013 | | |
|---|---------------|----------------|----------------|---------------|----------------|----------------|---------------|----------------|----------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 84,576 | 99,600 | 184,176 | 21,339 | 286,744 | 308,083 | 14,287 | 159,140 | 173,427 |
| Angling Mortality (2.04% of harvest) f/ | 204 | 85 | 288 | 79 | 283 | 362 | 46 | 404 | 450 |
| Net Mortality (8.70% of harvest) f/ | 115 | 2,292 | 2,407 | 15 | 8,294 | 8,310 | 23 | 5,481 | 5,504 |
| Total In-river Run | 84,895 | 101,977 | 186,872 | 21,433 | 295,321 | 316,754 | 14,356 | 165,025 | 179,381 |

(continued next page)

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 2014 | | | 2015 | | | 2016 | | |
|---|---------------|----------------|----------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 1,039 | 24,300 | 25,339 | 220 | 7,956 | 8,176 | 151 | 2,436 | 2,587 |
| Trinity River Hatchery (TRH) | 221 | 6,975 | 7,196 | 224 | 3,129 | 3,353 | 401 | 1,142 | 1,543 |
| Hatchery Spawner Subtotals: | 1,260 | 31,275 | 32,535 | 444 | 11,085 | 11,529 | 552 | 3,578 | 4,130 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 1,844 | 22,443 | 24,287 | 259 | 7,407 | 7,666 | 159 | 2,902 | 3,061 |
| Salmon River basin | 527 | 2,706 | 3,233 | 92 | 1,978 | 2,070 | 26 | 1,032 hh/ | 1,058 |
| Scott River basin | 2,051 | 10,419 | 12,470 | 21 | 2,092 | 2,113 | 139 | 1,376 | 1,515 |
| Shasta River basin | 3,945 | 14,412 | 18,357 | 133 | 6,612 | 6,745 | 135 | 2,754 | 2,889 |
| Bogus Creek basin | 323 | 12,607 | 12,930 | 45 | 2,308 | 2,353 | 38 | 830 | 868 |
| Misc. Klamath tributaries o/ (above Yurok Reservation) | 1,498 | 6,877 | 8,375 | 49 | 2,244 | 2,293 | 30 | 1,218 | 1,248 |
| Yurok Reservation tribs. (Klamath River) p/ | 332 | 1,245 | 1,577 | 149 | 632 | 781 | 27 | 264 | 291 |
| Klamath Natural Spawner Subtotals: | 10,520 | 70,709 | 81,229 | 748 | 23,273 | 24,021 | 554 | 10,376 | 10,930 |
| Main Stem Trinity River dd/ (excluding TRH) | 6,620 | 23,312 | 29,932 | 2,660 | 4,727 | 7,387 | 1,295 | 3,444 | 4,739 |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | 47 | 515 | 562 | 26 | 46 | 72 | 21 | 55 | 76 |
| Hoopa Reservation tribs. (Trinity River) p/ | 52 | 568 | 620 | 38 | 66 | 104 | 24 | 62 | 86 |
| Trinity Natural Spawner Subtotals: | 6,719 | 24,395 | 31,114 | 2,724 | 4,839 | 7,563 | 1,340 | 3,561 | 4,901 |
| Natural Spawner Subtotals | 17,239 | 95,104 | 112,343 | 3,472 | 28,112 | 31,584 | 1,894 | 13,937 | 15,831 |
| Total Spawner Escapement | 18,499 | 126,379 | 144,878 | 3,916 | 39,197 | 43,113 | 2,446 | 17,515 | 19,961 |

IN-RIVER HARVEST

| | 2014 | | | 2015 | | | 2016 | | |
|--|--------------|---------------|---------------|--------------|---------------|---------------|------------|--------------|--------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 268 | 1,093 | 1,361 | 292 | 2,914 | 3,206 | 31 | 801 | 832 |
| Klamath River (Hwy 101 to Weitchpec) | 2,847 | 1,875 | 4,722 | 1,224 | 2,258 | 3,482 | 91 | 24 | 115 |
| Klamath River (Weitchpec to IGH) | 75 | 1,496 | 1,571 | 65 | 2,607 | 2,672 | 24 | 416 | 440 |
| Trinity River basin above Weitchpec aa/ | 174 | 922 | 1,096 | 24 | 63 | 87 | 16 | 69 | 85 |
| Angler Harvest Subtotals: | 3,364 | 5,386 | 8,750 | 1,605 | 7,842 | 9,447 | 162 | 1,310 | 1,472 |
| Tribal Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 153 | 20,096 | 20,249 | 405 | 22,508 | 22,913 | 121 | 3,185 | 3,306 |
| Klamath River (Hwy 101 to Trinity mouth) | 130 | 3,432 | 3,562 | 44 | 3,520 | 3,564 | 19 | 1,224 | 1,243 |
| Trinity River (Hoopa Reservation) | 65 | 2,439 | 2,504 | 47 | 2,020 | 2,067 | 20 | 751 | 771 |
| Tribal Harvest Subtotals: | 348 | 25,967 | 26,315 | 496 | 28,048 | 28,544 | 160 | 5,160 | 5,320 |
| Total In-river Harvest | 3,712 | 31,353 | 35,065 | 2,101 | 35,890 | 37,991 | 322 | 6,470 | 6,792 |

IN-RIVER RUN

| | 2014 | | | 2015 | | | 2016 | | |
|---|---------------|----------------|----------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 22,211 | 157,732 | 179,943 | 6,017 | 75,087 | 81,104 | 2,768 | 23,985 | 26,753 |
| Angling Mortality (2.04% of harvest) f/ | 69 | 110 | 179 | 33 | 160 | 193 | 3 | 27 | 30 |
| Net Mortality (8.70% of harvest) f/ | 31 | 2,282 | 2,313 | 43 | 2,451 | 2,494 | 14 | 459 | 473 |
| Klamath Basin disease testing jj/ | 10 | 272 | 282 | 1 | 123 kk/ | 124 kk/ | 2 | 111 | 113 |
| Total In-river Run | 22,321 | 160,396 | 182,717 | 6,094 | 77,821 | 83,915 | 2,787 | 24,582 | 27,369 |

(continued next page)

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 2017 | | | 2018 | | | 2019 | | |
|---|---------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 3,193 | 7,443 | 10,636 | 435 | 11,425 | 11,860 | 249 | 3,797 | 4,046 |
| Trinity River Hatchery (TRH) | 1,863 | 3,770 | 5,633 | 171 | 7,142 | 7,313 | 205 | 1,381 | 1,586 |
| Hatchery Spawner Subtotals: | 5,056 | 11,213 | 16,269 | 606 | 18,567 | 19,173 | 454 | 5,178 | 5,632 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 2,322 | 3,922 | 6,244 | 673 | 11,447 | 12,120 | 478 | 3,225 | 3,703 |
| Salmon River basin | 327 | 1,338 | 1,665 | 285 | 1,228 | 1,513 | 686 | 957 | 1,643 |
| Scott River basin | 307 | 2,269 | 2,576 | 71 | 1,208 | 1,279 | 409 | 1,681 | 2,090 |
| Shasta River basin | 6,618 | 3,287 | 9,905 | 2,017 | 18,675 | 20,692 | 78 | 5,926 | 6,004 |
| Bogus Creek basin | 848 | 1,874 | 2,722 | 196 | 3,482 | 3,678 | 149 | 990 | 1,139 |
| Misc. Klamath tributaries o/ (above Yurok Reservation) | 154 | 1,002 | 1,156 | 131 | 1,269 | 1,400 | 488 | 658 | 1,146 |
| Yurok Reservation tribs. (Klamath River) p/ | 45 | 140 | 185 | 118 | 196 | 314 | 26 | 91 | 117 |
| Klamath Natural Spawner Subtotals: | 10,621 | 13,832 | 24,453 | 3,491 | 37,505 | 40,996 | 2,314 | 13,528 | 15,842 |
| Main Stem Trinity River dd/ (excluding TRH) | 5,492 | 4,330 | 9,822 | 4,133 | 14,707 | 18,840 | 3,666 | 6,379 | 10,045 |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | 96 | 76 | 172 | 21 | 76 | 97 | 15 | 27 | 42 |
| Hoopa Reservation tribs. (Trinity River) p/ | 92 | 72 | 164 | 18 | 64 | 82 | 51 | 88 | 139 |
| Trinity Natural Spawner Subtotals: | 5,680 | 4,478 | 10,158 | 4,172 | 14,847 | 19,019 | 3,732 | 6,494 | 10,226 |
| Natural Spawner Subtotals | 16,301 | 18,310 | 34,611 | 7,663 | 52,352 | 60,015 | 6,046 | 20,022 | 26,068 |
| Total Spawner Escapement | 21,357 | 29,523 | 50,880 | 8,269 | 70,919 | 79,188 | 6,500 | 25,200 | 31,700 |

IN-RIVER HARVEST

| | 2017 | | | 2018 | | | 2019 | | |
|--|------------|--------------|--------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 26 | 47 | 73 | 121 | 435 | 556 | 252 | 758 | 1,010 |
| Klamath River (Hwy 101 to Weitchpec) | 10 | 17 | 27 | 1,780 | 1,603 | 3,383 | 2,266 | 2,552 | 4,818 |
| Klamath River (Weitchpec to IGH) | 0 | 0 | 0 | 77 | 1,027 | 1,104 | 91 | 1,668 | 1,759 |
| Trinity River basin above Weitchpec aa/ | 6 | 7 | 13 | 259 | 1,045 | 1,304 | 176 | 398 | 574 |
| Angler Harvest Subtotals: | 42 | 71 | 113 | 2,237 | 4,110 | 6,347 | 2,785 | 5,376 | 8,161 |
| Tribal Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 66 | 208 | 274 | 86 | 8,665 | 8,751 | 40 | 3,316 | 3,356 |
| Klamath River (Hwy 101 to Trinity mouth) | 6 | 12 | 18 | 42 | 3,779 | 3,821 | 53 | 608 | 661 |
| Trinity River (Hoopa Reservation) | 194 | 1,660 | 1,854 | 180 | 2,325 | 2,505 | 499 | 2,065 | 2,564 |
| Tribal Harvest Subtotals: | 266 | 1,880 | 2,146 | 308 | 14,769 | 15,077 | 592 | 5,989 | 6,581 |
| Total In-river Harvest | 308 | 1,951 | 2,259 | 2,545 | 18,879 | 21,424 | 3,377 | 11,365 | 14,742 |

IN-RIVER RUN

| | 2017 | | | 2018 | | | 2019 | | |
|---|---------------|---------------|---------------|---------------|---------------|----------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 21,665 | 31,474 | 53,139 | 10,814 | 89,798 | 100,612 | 9,877 | 36,565 | 46,442 |
| Angling Mortality (2.04% of harvest) f/ | 1 | 1 | 2 | 46 | 84 | 130 | 57 | 110 | 167 |
| Net Mortality (8.70% of harvest) f/ | 16 | 163 | 179 | 12 | 1,178 | 1,190 | 16 | 401 | 417 |
| Klamath Basin disease testing jj/ | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 9 |
| Total In-river Run | 21,682 | 31,638 | 53,320 | 10,872 | 91,060 | 101,932 | 9,951 | 37,084 | 47,035 |

(continued next page)

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,
1978-2023 a/**

SPAWNER ESCAPEMENT

| | 2020 | | | 2021 | | | 2022 | | |
|---|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Hatchery Spawners | | | | | | | | | |
| Iron Gate Hatchery (IGH) | 413 | 4,042 | 4,455 | 494 | 7,012 | 7,506 | 206 | 9,269 | 9,475 |
| Trinity River Hatchery (TRH) | 2,815 | 4,289 | 7,104 | 129 | 5,838 | 5,967 | 973 | 3,965 | 4,938 |
| Hatchery Spawner Subtotals: | 3,228 | 8,331 | 11,559 | 623 | 12,850 | 13,473 | 1,179 | 13,234 | 14,413 |
| Natural Spawners | | | | | | | | | |
| Main Stem Klamath River n/ (excluding IGH) | 150 | 3,028 | 3,178 | 860 | 4,400 | 5,260 | 111 | 4,930 | 5,041 |
| Salmon River basin | 122 | 972 hh/ | 1,094 | 263 | 1,890 | 2,153 | 291 | 1,274 | 1,565 |
| Scott River basin | 43 | 812 | 855 | 655 | 1,306 | 1,961 | 67 | 927 | 994 |
| Shasta River basin | 393 | 3,775 | 4,168 | 927 | 5,972 | 6,899 | 106 | 4,403 | 4,509 |
| Bogus Creek basin | 88 | 2,233 | 2,321 | 423 | 2,253 | 2,676 | 42 | 1,721 | 1,763 |
| Misc. Klamath tributaries o/ (above Yurok Reservation) | 34 | 874 | 908 | 179 | 1,003 | 1,182 | 224 | 1,286 | 1,510 |
| Yurok Reservation tribs. (Klamath River) p/ | 99 | 124 | 223 | 25 | 119 | 144 | 148 | 228 | 376 |
| Klamath Natural Spawner Subtotals: | 929 | 11,818 | 12,747 | 3,332 | 16,943 | 20,275 | 989 | 14,769 | 15,758 |
| Main Stem Trinity River dd/ (excluding TRH) | 3,885 | 14,071 | 17,956 | 3,238 | 12,859 | 16,097 ll/ | 3,017 | 6,929 | 9,946 |
| Misc. Trinity tributaries o/ (above Hoopa Reservation) | 97 | 214 | 311 | 33 | 130 | 163 | 51 | 117 | 168 |
| Hoopa Reservation tribs. (Trinity River) p/ | 37 | 82 | 119 | 32 | 124 | 156 | 60 | 141 | 201 |
| Trinity Natural Spawner Subtotals: | 4,019 | 14,367 | 18,386 | 3,303 | 13,113 | 16,416 | 3,128 | 7,187 | 10,315 |
| Natural Spawner Subtotals | 4,948 | 26,185 | 31,133 | 6,635 | 30,056 | 36,691 | 4,117 | 21,956 | 26,073 |
| Total Spawner Escapement | 8,176 | 34,516 | 42,692 | 7,258 | 42,906 | 50,164 | 5,296 | 35,190 | 40,486 |

IN-RIVER HARVEST

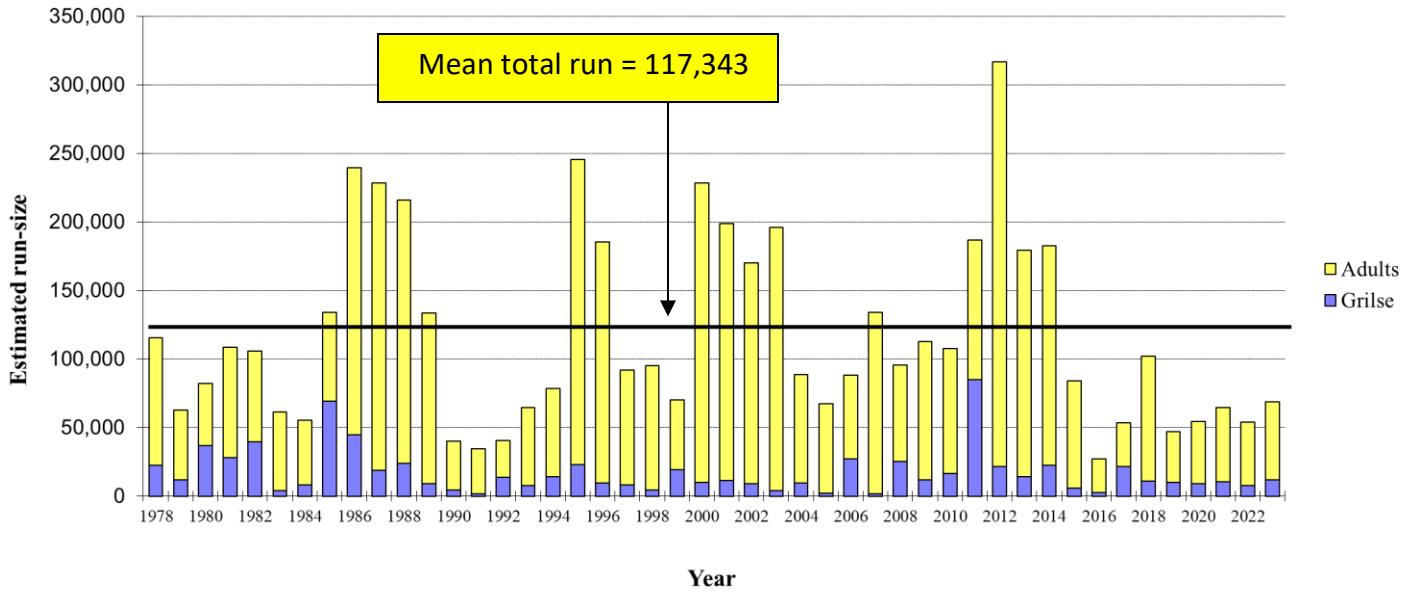
| | 2020 | | | 2021 | | | 2022 | | |
|--|------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Angler Harvest | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 39 | 206 | 245 | 138 | 249 | 387 | 104 | 381 | 485 |
| Klamath River (Hwy 101 to Weitchpec) | 343 | 2,946 | 3,289 | 2,161 | 900 | 3,061 | 1,614 | 1,092 | 2,706 |
| Klamath River (Weitchpec to IGH) | 134 | 1,589 | 1,723 | 74 | 579 | 653 | 26 | 742 | 768 |
| Trinity River basin above Weitchpec aa/ | 17 | 382 | 399 | 26 | 692 | 718 | 126 | 246 | 372 |
| Angler Harvest Subtotals: | 533 | 5,123 | 5,656 | 2,399 | 2,420 | 4,819 | 1,870 | 2,461 | 4,331 |
| Tribal Harvest e/ | | | | | | | | | |
| Klamath River (below Hwy 101 bridge) | 85 | 1,730 | 1,815 | 17 | 2,598 | 2,615 | 0 | 4,393 | 4,393 |
| Klamath River (Hwy 101 to Trinity mouth) | 156 | 2,503 | 2,659 | 144 | 2,842 | 2,986 | 41 | 1,864 | 1,905 |
| Trinity River (Hoopa Reservation) | 87 | 979 | 1,066 | 451 | 2,626 | 3,077 | 293 | 1,778 | 2,071 |
| Tribal Harvest Subtotals: | 328 | 5,212 | 5,540 | 612 | 8,066 | 8,678 | 334 | 8,035 | 8,369 |
| Total In-river Harvest | 861 | 10,335 | 11,196 | 3,011 | 10,486 | 13,497 | 2,204 | 10,496 | 12,700 |

IN-RIVER RUN

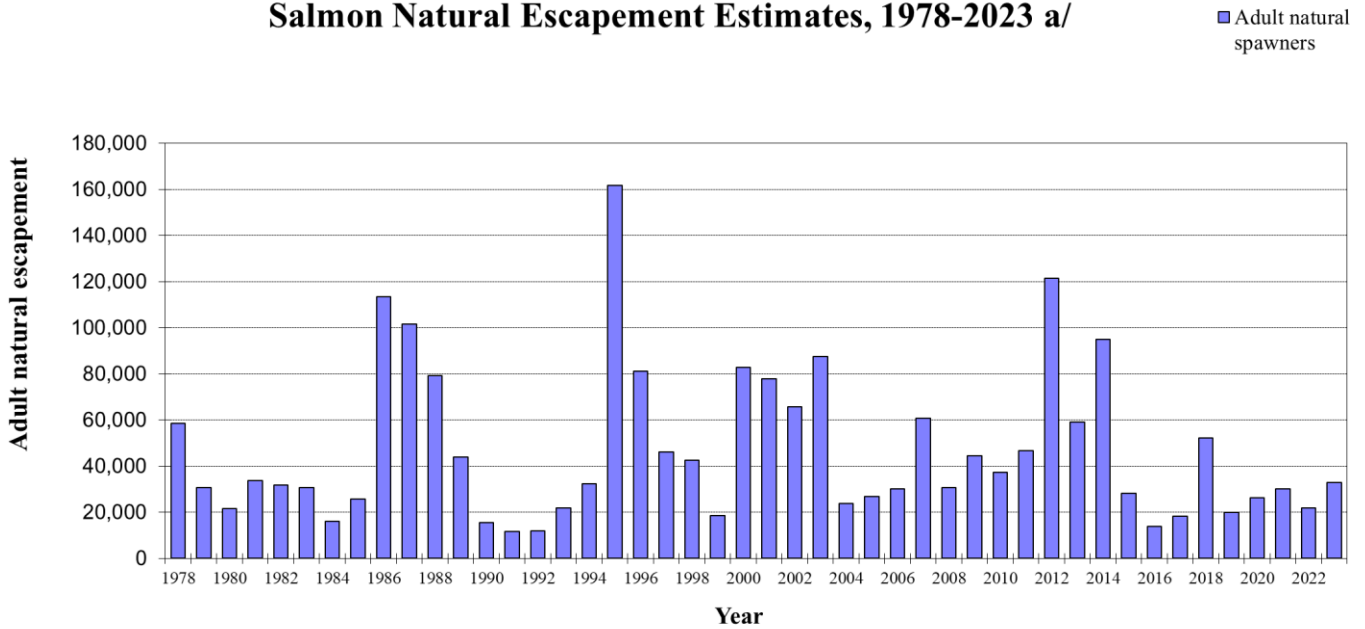
| | 2020 | | | 2021 | | | 2022 | | |
|---|--------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| | Grilse | Adults | Totals | Grilse | Adults | Totals | Grilse | Adults | Totals |
| Totals | | | | | | | | | |
| In-river Harvest and Escapement | 9,037 | 44,851 | 53,888 | 10,269 | 53,392 | 63,661 | 7,500 | 45,686 | 53,186 |
| Angling Mortality (2.04% of harvest) f/ | 11 | 105 | 116 | 49 | 49 | 98 | 38 | 50 | 88 |
| Net Mortality (8.70% of harvest) f/ | 29 | 453 | 482 | 26 | 671 | 697 | 10 | 694 | 704 |
| Klamath Basin disease testing jj/ | 0 | 0 | 0 | 6 | 113 | 119 | 0 | 164 | 164 |
| Total In-river Run | 9,077 | 45,409 | 54,486 | 10,350 | 54,225 | 64,575 | 7,548 | 46,594 | 54,142 |

(continued next page)

Klamath River Basin Fall-Run Chinook Salmon Run-size Estimates, 1978-2023 a/



Klamath River Basin Adult Fall-Run Chinook Salmon Natural Escapement Estimates, 1978-2023 a/



a/ 2023 data are preliminary

**Footnotes for Klamath River Basin Fall Chinook Salmon Spawner Escapement,
In-River Harvest and Run-size Estimates, 1978-2023 ^a**

- a/ Prepared March 21, 2024. All counts/estimates are provided by California Department of Fish and Wildlife (CDFW) unless otherwise indicated. All estimates for Iron Gate and Trinity River hatcheries represent counts of fish entering those facilities. All spawner escapement estimates for the Shasta River basin for 1978-1987 and 1989-2023, plus those for Bogus Creek basin for 1980-1991 and 2003-2023 are based on counts made at counting/video stations located near the mouths of those streams. All remaining spawner escapements and all harvest estimates are developed from data obtained through ongoing field investigations in the Klamath-Trinity system. Estimates for years through 2022 are final; 2023 estimates are preliminary, subject to revision. Further details can be found KRTT (2024, available from the Arcata CDFW office)
- b/ Data not available.
- c/ USFWS estimate.
- d/ In 1978, the Klamath River system sport salmon fishing season was closed August 25. There was essentially no sport harvest of fall Chinook in the Trinity River basin in 1978.
- e/ USFWS estimates for years through 1982; 1983 through 1993 estimates jointly made by USFWS and Hoopa Valley Business Council Fisheries Department (HVBCFD); 1994 through 2023 estimates made by HVBCFD for the Hoopa Reservation and Yurok Tribal Fisheries Department for the Yurok Reservation.
- f/ Factors for non-landed catch mortality calculated by the Klamath River Technical Advisory Team (KRTAT, 1986, "Recommended Spawning Escapement Policy for Klamath River Fall-run Chinook"). Modified non-landed catch mortality rates of 2.04% and 8.70% were applied to sport and net harvest respectively following the 2003 season. These rates were applied retrospectively to all years, replacing the historical rates of 2.0% (sport harvest) and 8.0% (net harvest).
- g/ U.S. Forest Service estimate.
- h/ HVBCFD estimate. Estimate for streams in Hoopa Reservation only.
- i/ In 1985, the Klamath River system sport salmon fishing season was closed to the taking of all salmon below the U.S. Highway 101 bridge from September 9 through December 31; the Klamath from the U.S. Highway 101 bridge to Iron Gate Dam and the Trinity River from its mouth to Lewiston Dam were closed to the taking of salmon 22 inches and longer from September 23 through December 31, 1985.
- j/ Estimates for Hoopa Reservation portion of catch (947 grilse and 1,941 adults) are of catch occurring during open fishing periods only.
- k/ Estimates jointly made by USFWS and HVBCFD/HVTF.
- l/ Final estimates of Salmon River basin natural spawners shown in the December 11, 1991 table were incorrect. Corrected estimates, plus necessary revisions to the 1990 totals, are presented here.
- m/ Estimate does not include adults that, following entry into Iron Gate Hatchery, were returned to the river alive and un-spawned, and which are presumed to have spawned naturally. This includes 2,333 fish in 1994 and 8,932 fish in 1995.
- n/ CDFG estimate based on USFWS redd count data through 2000. Estimates for 2001-2023 are USFWS estimates based on a combination of redd count data (Shasta River downstream to Indian Cr.) and carcass mark-recapture estimates upstream of the Shasta River. In 2017 the survey reach was extended to include the mainstem river between Indian Cr. and Wingate Bar. In 2020 the survey reach was further extended to include the mainstem river from Persido Bar to Green Riffle and from Whitmore to Big Bar. These additional reaches were not surveyed in 2023.
- o/ CDFW and USFS, estimates. From 2020-2022 Willow Creek was added to account for fish previously included in estimates upstream of Willow Creek weir (see dd/).
- p/ HVBCFD and YTFD estimates. YTFD fish count for Blue Creek is based on several dive surveys conducted at peak of spawning and should not be construed as an escapement estimate. HVBCFD tributary estimates are based on redd counts.
- q/ 750 of these adults were harvested between I-5 and IGH after the river reopened to sport angling on 13 Oct. 1995
- r/ Includes 51 grilse and 178 adults harvested in the main stem Trinity River between Willow Creek weir and the mouth of the Trinity River. HVBCFD estimate.
- s/ Includes 251 grilse and 645 adults harvested in the main stem Trinity River between Willow Creek weir and the mouth of the Trinity River. HVBCFD estimate.
- t/ Additional, but unknown harvest occurred upstream of Interstate 5 for jacks between Oct.2-18 and Oct.18-Nov. 30 for all Chinook after Iron Gate Hatchery reached its required 8,000 adult Chinook spawning escapement.
- u/ Includes 298 grilse and 799 adults harvested in the main stem Trinity River between Willow Creek weir and the mouth of the Trinity River. HVBCFD estimate.
- v/ Additional, but unknown harvest occurred upstream of Interstate 5 for jacks between Oct.4 - 17 after the 28-day window and Oct. 17 - Nov. 30 for all Chinook after Iron Gate Hatchery reached its required 8,000 adult Chinook spawning escapement.
- x/ Includes fish originally classified as grilse, based on the 24-inch TL specified in the 1998 sport angling regulations, which were re-classified as adult based on preliminary analysis of 1998 data.
- y/ Includes 21 grilse and 42 adults harvested after the lower river reopened on Oct. 15, 1999.

**Footnotes for Klamath River Basin Fall Chinook Salmon Spawner Escapement,
In-river Harvest and Run-size Estimates, 1978-2023 ^a**

Page 19 of 19

- z/ Harvest estimate based on creel census data and includes 54 grilse and 206 adults harvested during the secondary season allowed above the Interstate 5 bridge after IGH achieved 8,000 adult spawners.
- aa/ Harvest estimate based on HVTF creel census below the Willow Creek Weir and CDFW's estimate based on tag returns for the Trinity River above Willow Creek Weir.
- bb/ Harvest estimate based on creel census data and includes 113 grilse and 938 adults harvested during the secondary season allowed above the Interstate 5 bridge after IGH achieved 8,000 adult spawners.
- cc/ Includes 9 jacks and 252 adults estimated to have spawned in the mainstem Trinity River downstream of the Willow Creek Weir. Estimate based on HVBCFD expanded redd count data.
- dd/ Estimates upstream of Willow Creek weir provided by CDFW and are inclusive of the total basin upstream of weir; estimates downstream of Willow Creek weir provided by HVTF and only include the main stem Trinity to its confluence with the Klamath River. From 2020-2022 Willow Creek weir was moved approximately 6 km upstream. In 2023 it was moved just downstream of the confluence with Willow Creek.
- ee/ Prespawn mortality estimate for Chinook Salmon that died in the lower Klamath River fish die off, 2002. Estimate provided by USFWS.
- ff/ Estimated 2006 river recreational fishery adult impacts (incidental mortality). Estimation methods documented in 2007 PFMC pre-season report I.
- gg/ The 2006 sport fishery was closed to the take of adult fall Chinook (greater than 22 inches).
- hh/ The 2009, 2010, 2016, 2017, and 2021 Salmon River adult escapement estimates were based on total redd counts (2009) or redd counts from surveys conducted early in the spawning season expanded based on historical cumulative average (2010, 2016, 2017, and 2021). Further details can be found in Klamath River Technical Team reports.
- ii/ Salmon River adult escapement estimates for 2013 were based on carcass mark-recapture survey within the main-stem combined with redd surveys of the lower main-stem and tributaries. Jacks were estimated from scale age data.
- jj/ Chinook specimens were collected from Klamath River for disease (specifically *Ichthyophthirius multifiliis*) testing.
- kk/ Values updated in 2017 to include 20 fish taken for disease (specifically *Ichthyophthirius multifiliis*) testing in the Trinity River, which were not included in previously distributed drafts of the Megatable.
- ll/ Approximately 100-300 fish were caught and presumably died in a power flume adjacent to the fish ladder at Trinity River hatchery. These fish were presumably destined to return to the hatchery, but were instead included in estimates

List of acronyms

CDFW – California Department of Fish and Wildlife (nee CDFG – CA Department of Fish and Game)
HVTFD – Hoopa Valley Tribal Fisheries Department (nee HVBCFD- Hoopa Valley Business Council Fisheries Department)
IGH – Iron Gate Hatchery
KRTAT – Klamath River Technical Advisory Team
KRTT – Klamath River Technical Team
PFMC – Pacific Fishery Management Council
TRH – Trinity River Hatchery
USFS – United States Forest Service
USFWS – United States Fish and Wildlife Service
YTFD – Yurok Tribe Fisheries Department