



1996/1997 Final Hatchery Escapement and Broodstock Report

October 1, 1997

Washington Department of Fish and Wildlife
Hatcheries Program

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TOTAL ESCAPEMENT BY SPECIES

| Species | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | |
|-------------------------|------------------|---------------|--------------------|--------------------|----------------|--------------|-----------------------------|---------------|
| | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack |
| Spring Chinook | 9,355 | 2,149 | 13,418,978 | 19,922,000 | 272 | 897 | 9,083 | 1,252 |
| Summer Chinook | 5,117 | 277 | 6,421,437 | 7,860,000 | 829 | 100 | 4,288 | 177 |
| Fall Chinook | 127,056 | 6,410 | 120,069,922 | 124,750,000 | 29,958 | 1,287 | 97,098 | 5,123 |
| Coho | 349,949 | 15,971 | 67,573,960 | 65,363,000 | 91,500 | 4,619 | 258,449 | 11,352 |
| Chum | 174,942 | | 36,234,078 | 47,635,000 | 14,353 | | 160,589 | |
| Sockeye | 15,265 | | 15,017,475 | 16,300,000 | 1,626 | | 13,639 | |
| Pink | 2 | | 0 | 0 | 1 | | 1 | |
| Summer Steelhead | 19,611 | | 7,543,438 | 5,450,000 | 12,383 | | 7,109 | |
| Winter Steelhead | 14,402 | | 7,205,815 | 9,140,000 | 7,058 | | 7,344 | |
| Sea-Run Cutthroat | 3,085 | | 857,127 | 1,170,000 | 1,440 | | 1,645 | |
| Dolly Varden/Bull Trout | 522 | | 0 | 0 | 522 | | 0 | |
| Kokanee | 94,314 | | 14,263,674 | 13,250,000 | 0 | | 94,314 | |
| TOTAL ESCAPEMENT | 813,620 | 24,807 | 288,605,904 | 310,840,000 | 159,942 | 6,903 | 653,559 | 17,904 |

TOTAL BROODSTOCK BY SPECIES

| Species | TOTAL BROODSTOCK HANDLED | | Goal** | BROODSTOCK PLANTED |
|-------------------------|--------------------------|-------------------|-------------------|--------------------|
| | Adult | Eggtake | Eggtake | Adult |
| Rainbow | 14,269 | 24,264,340 | 20,175,000 | 6,968 |
| Cutthroat | 5,969 | 2,415,071 | 2,437,000 | 2,420 |
| Lake Trout | 340 | 465,480 | 100,000 | 0 |
| Golden Trout | 79 | 8,250 | 10,000 | 19 |
| Eastern Brook Trout | 2,390 | 1,051,752 | 900,000 | 2,162 |
| German Brown | 1,607 | 1,657,642 | 1,000,000 | 1,556 |
| TOTAL BROODSTOCK | 24,654 | 29,862,535 | 24,622,000 | 13,125 |

SPRING CHINOOK

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement LessUpstream | |
|----------------------------------|---------------|------------------|------------|------------------|------------------|----------|----------|----------------------------|------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack |
| <u>PUGET SOUND REGION</u> | | | | | | | | | |
| Kendall Creek | Nooksack | 1,070 | 133 | 888,500 | 1,800,000 | 0 | 0 | 1,070 | 133 |
| Marblemount | Skagit | 856 | 104 | 1,037,978 | 590,000 | 0 | 0 | 856 | 104 |
| Minter | White River | 604 | 105 | 0 | 0 | 0 | 0 | 604 | 105 |
| Hupp Springs | White River | 0 | 0 | 698,000 | (see footnote 3) | 0 | 0 | 0 | 0 |
| | SSNP | 611 | 0 | 390,000 | (see footnote 3) | 0 | 0 | 611 | 0 |
| Hoodsport | Sol/Quil/Hood | 118 | 14 | 173,200 | 180,000 | 0 | 0 | 118 | 14 |
| Dungeness | Dungeness | 850 | 224 | 2,070,000 | 6,500,000 | 0 | 0 | 850 | 224 |
| <i>SUBTOTAL</i> | | 4,109 | 580 | 5,257,678 | 9,070,000 | 0 | 0 | 4,109 | 580 |
| <u>COASTAL REGION</u> | | | | | | | | | |
| Solduc | Solduc | 226 | 4 | 352,500 | 770,000 | 0 | 0 | 226 | 4 |
| <i>SUBTOTAL</i> | | 226 | 4 | 352,500 | 770,000 | 0 | 0 | 226 | 4 |

- 1) 604 adult fish and 98 jack fish were shipped to Hupp Springs Hatchery. Eggtake is listed under Hupp Springs. White River stock.
- 2) Captive White River spring chinook were reared and held in saltwater net pens. Mature adult fish were transferred to Hupp Springs Hatchery before spawning.
- 3) Eggtake goal at Hupp Springs Hatchery is 725,000 White River Spring Chinook. Eggtake goal is achieved from both escapement and captive broodstock programs.

SPRING CHINOOK CONT.

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement LessUpstream | |
|------------------------------|-------------------|------------------|--------------|-------------------|-------------------|------------|------------|----------------------------|--------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack |
| COLUMBIA RIVER REGION | | | | | | | | | |
| Cowlitz Salmon | Cowlitz | 1,869 | 1,173 | 2,856,000 | 4,000,000 | 8 | 866 | 1,861 | 307 |
| Kalama Falls | Kalama River | 188 | 8 | 111,700 | 589,000 | 4 | 5 | 184 | 3 |
| Lewis River | Lewis River | 1,054 | 26 | 0 | 0 | 162 | 13 | 892 | 13 |
| Merwin | Lewis River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Speelyai | Lewis River | 0 | 0 | 1,612,000 | 1,500,000 | 0 | 0 | 0 | 0 |
| Klickitat | Klickitat | 550 | 114 | 1,100,000 | 708,000 | 0 | 0 | 550 | 114 |
| Lyons Ferry | Tucannon | 0 | 0 | 129,500 | 185,000 | 0 | 0 | 0 | 0 |
| | Ringold | 0 | 0 | 1,357,200 | 1,300,000 | 0 | 0 | 0 | 0 |
| Ringold | Ringold | 607 | 154 | 0 | 0 | 0 | 0 | 607 | 154 |
| Priest Rapids | Ringold | 167 | 0 | 0 | 0 | 0 | 0 | 167 | 0 |
| Dryden Dam | Wenatchee | 12 | 0 | 0 | 0 | 12 | 0 | 0 | 0 |
| Eastbank | Chiwawa | 0 | 0 | 18,000 | 900,000 | 0 | 0 | 0 | 0 |
| Chiwawa | Chiwawa | 18 | 3 | 0 | 0 | 3 | 0 | 15 | 3 |
| | Unknown | 35 | 8 | 0 | 0 | 35 | 8 | 0 | 0 |
| Wells | Methow | 399 | 65 | 0 | 0 | 0 | 0 | 399 | 65 |
| Methow | Methow | 0 | 0 | 624,400 | 900,000 | 2 | 1 | (2) | (1) |
| Tucannon | Tucannon Wild | 47 | 12 | 0 | 0 | 8 | 2 | 39 | 10 |
| | Tucannon Hatchery | 74 | 2 | 0 | 0 | 38 | 2 | 36 | 0 |
| SUBTOTAL | | 5,020 | 1,565 | 7,808,800 | 10,082,000 | 272 | 897 | 4,748 | 668 |
| TOTAL ESCAPEMENT | | 9,355 | 2,149 | 13,418,978 | 19,922,000 | 272 | 897 | 9,083 | 1,252 |

- 1) 805 adult fish and 13 jack fish were shipped to Speelyai Hatchery to be spawned. Eggtake is listed under Speelyai.
- 2) 10 adult fish were shipped to Merwin Hatchery. 7 adult fish were then shipped from Merwin to Speelyai Hatchery. Eggtake is listed under Speelyai.
- 3) 73 adult fish and 7 jack fish were shipped to Lyons Ferry Hatchery to be spawned. Eggtake is listed under Lyons Ferry, Tucannon stock.
- 4) 774 adult fish and 6 jack fish were shipped to Lyons Ferry Hatchery. Eggtake is listed under Lyons Ferry, Ringold stock.
- 5) 15 adult fish and 3 jack fish were shipped to Eastbank Hatchery to be spawned. Eggtake is listed under Eastbank.
- 6) Fish trapped at Tumwater Dam.
- 7) 399 adult fish and 65 jack fish were shipped from Wells Dam west ladder to Methow Hatchery. Eggtake is listed under Methow.

SUMMER CHINOOK

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | | |
|-------------------------------------|-----------------|------------------|--------------|------------|------------------|------------------|------------|-----------------------------|--------------|------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack | |
| <u>PUGET SOUND REGION</u> | | | | | | | | | | |
| Marblemount | Skagit Wild | 1 | 91 | 0 | 248,437 | 275,000 | 0 | 0 | 91 | 0 |
| | Skagit Hatchery | | 1,032 | 115 | 0 | 0 | 0 | 0 | 1,032 | 115 |
| Whitehorse Pond | Stillaguamish | | 8 | 33 | 0 | 0 | 0 | 0 | 8 | 33 |
| Wallace River | Skykomish | | 1,555 | 55 | 1,915,000 | 1,500,000 | 559 | 42 | 996 | 13 |
| Sunset Falls Trap | Skykomish | | 116 | 57 | 0 | 0 | 116 | 57 | 0 | 0 |
| SUBTOTAL | | | 2,802 | 260 | 2,163,437 | 1,775,000 | 675 | 99 | 2,127 | 161 |
| <u>COLUMBIA RIVER REGION</u> | | | | | | | | | | |
| Dryden Dam | Wenatchee River | 2 | 384 | 1 | 0 | 0 | 48 | 1 | 336 | 0 |
| Eastbank | Wenatchee River | 2 | 0 | 0 | 756,000 | 1,060,000 | 0 | 0 | 0 | 0 |
| | Wells | 3 | 549 | 5 | 922,000 | 1,200,000 | 0 | 0 | 549 | 5 |
| Wells | Wells | | 1,382 | 11 | 2,580,000 | 3,825,000 | 106 | 0 | 1,276 | 11 |
| SUBTOTAL | | | 2,315 | 17 | 4,258,000 | 6,085,000 | 154 | 1 | 2,161 | 16 |
| TOTAL ESCAPEMENT | | | 5,117 | 277 | 6,421,437 | 7,860,000 | 829 | 100 | 4,288 | 177 |

1) Wild broodstock were recovered from the Skagit River then spawned and incubated at Marblemount Hatchery.

2) Total Dryden Dam escapement includes 336 adults that were shipped to Eastbank Hatchery to be spawned. Eggtake listed under Eastbank Hatchery.

3) Trapped at the East Ladder of Wells Dam and then transferred to Eastbank Hatchery for spawning.

FALL CHINOOK

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | |
|----------------------------------|------------------|------------------|--------------|-------------------|-------------------|---------------|------------|-----------------------------|--------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack |
| <u>PUGET SOUND REGION</u> | | | | | | | | | |
| Kendall Creek | Nooksack | 614 | 38 | 1,059,800 | (see footnote 4) | 0 | 0 | 614 | 38 |
| Samish | Samish | 8,875 | 1,083 | 10,646,900 | 14,300,000 | 463 | 0 | 8,412 | 1,083 |
| Glenwood Springs | Glenwood | 500 | 400 | 1,250,000 | 590,000 | 0 | 0 | 500 | 400 |
| Marblemount | Skagit | 161 | 0 | 0 | 0 | 0 | 0 | 161 | 0 |
| Wallace River | Skykomish | 4,043 | 437 | 3,520,000 | 3,600,000 | 484 | 84 | 3,559 | 353 |
| Sunset Falls Trap | Skykomish - wild | 638 | 49 | 0 | 0 | 638 | 49 | 0 | 0 |
| Issaquah | Issaquah | 1,246 | 2 | 1,240,000 | 2,425,000 | 150 | 0 | 1,096 | 2 |
| Soos Creek | Soos Creek | 13,414 | 50 | 6,635,000 | 4,770,000 | 3,590 | 0 | 9,824 | 50 |
| Minter Creek | Minter Creek | 288 | 286 | 380,000 | 2,500,000 | 53 | 2 | 235 | 284 |
| Coulter Creek | Coulter Creek | 2,225 | 179 | 2,794,000 | 1,200,000 | 207 | 0 | 2,018 | 179 |
| Garrison | Chambers Creek | 947 | 682 | 1,529,300 | 1,400,000 | 0 | 324 | 947 | 358 |
| Voights Creek | Voights Creek | 3,000 | 179 | 3,128,000 | 2,525,000 | 520 | 35 | 2,480 | 144 |
| McAllister | McAllister | 1,950 | 668 | 1,815,500 | 1,700,000 | 400 | 100 | 1,550 | 568 |
| Tumwater Falls | Deschutes River | 15,084 | 453 | 8,080,522 | 6,000,000 | 8,232 | 313 | 6,852 | 140 |
| Percival Cove | Deschutes River | 3,603 | 75 | 0 | 0 | 3,496 | 75 | 107 | 0 |
| George Adams | George Adams | 3,100 | 84 | 5,281,600 | 6,650,000 | 0 | 0 | 3,100 | 84 |
| Hoodsport | Hood Canal | 4,001 | 652 | 5,426,600 | 6,000,000 | 0 | 0 | 4,001 | 652 |
| Elwha | Elwha | 1,380 | 7 | 2,060,000 | 4,750,000 | 0 | 0 | 1,380 | 7 |
| SUBTOTAL | | 65,069 | 5,324 | 54,847,222 | 58,410,000 | 18,233 | 982 | 46,836 | 4,342 |

1) Eggs were incubated at Minter Creek Hatchery.

2) Eggs were shipped to McKernan Hatchery for initial incubation. Eggtake is listed under Tumwater Falls.

3) Fish were gaffed and spawned on Elwha River. Eggs were incubated at Hurd Creek Hatchery. Eggtake is listed under Elwha.

4) Eggtake goal is included in Samish's fall chinook eggtake goal.

FALL CHINOOK Cont.

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | | |
|-----------------------|-------------|------------------|--------------|-----------|-------------------|-----------------------|------------|-----------------------------|--------------|-----------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack | |
| COASTAL REGION | | | | | | | | | | |
| Shale Creek | Queets | 1 | 162 | 0 | 297,500 | 0 | 0 | 0 | 162 | 0 |
| Humptulips | Humptulips | | 195 | 2 | 270,700 | 590,000 | 70 | 2 | 125 | 0 |
| Lake Aberdeen | Van Winkle | | 419 | 5 | 120,000 | 75,000 | 333 | 5 | 86 | 0 |
| Bingham Creek | Chehalis | 2 | 65 | 0 | 120,200 | 225,000 | 0 | 0 | 65 | 0 |
| | Satsop | | 127 | 0 | 0 | (Satsop Spring Prog.) | 11 | 0 | 116 | 0 |
| Bingham Creek Trap | Satsop | | 88 | 0 | 0 | 0 | 88 | 0 | 0 | 0 |
| Satsop Springs | Satsop Wild | | 214 | 0 | 459,000 | 400,000 | 24 | 0 | 190 | 0 |
| Forks Creek | Willapa | | 4,548 | 1 | 8,602,000 | 4,500,000 | 0 | 0 | 4,548 | 1 |
| Nemah | Nemah | | 1,310 | 17 | 1,834,000 | 3,000,000 | 44 | 0 | 1,266 | 17 |
| Naselle | Naselle | | 2,077 | 23 | 2,800,000 | 8,850,000 | 116 | 4 | 1,961 | 19 |
| SUBTOTAL | | | 9,205 | 48 | 14,503,400 | 17,640,000 | 686 | 11 | 8,519 | 37 |

1) Eggs were shipped to the Quinault Indian Nation.

2) Fish were netted from Chehalis River then held and spawned at Bingham Creek Hatchery. This is part of Satsop Springs (Enhancement Coop) project.

FALL CHINOOK Cont.

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | |
|------------------------------|---------------|------------------|--------------|--------------------|--------------------|---------------|--------------|-----------------------------|--------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack |
| COLUMBIA RIVER REGION | | | | | | | | | |
| Sea Resources | Chinook | 1,310 | 6 | 2,177,900 | 1,500,000 | 100 | 0 | 1,210 | 6 |
| Grays River | Grays River | 157 | 1 | 273,300 | (see footnote 1) | 20 | 0 | 137 | 1 |
| | Kalama River | 0 | 0 | 238,600 | (see footnote 1) | 0 | 0 | 0 | 0 |
| Elochoman | Elochoman | 4,609 | 10 | 3,502,600 | 5,150,000 | 1,000 | 0 | 3,609 | 10 |
| | Rogue River | 216 | 2 | 0 | 0 | 0 | 0 | 216 | 2 |
| Cowlitz Salmon | Cowlitz | 6,686 | 244 | 9,162,000 | 7,660,000 | 1,075 | 209 | 5,611 | 35 |
| North Toutle | Toutle | 3,417 | 16 | 2,965,000 | 2,900,000 | 2,011 | 5 | 1,406 | 11 |
| North Toutle FCF | Toutle | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Kalama Falls | Kalama River | 8,118 | 90 | 6,057,600 | 4,120,000 | 5,603 | 80 | 2,515 | 10 |
| Fallert Creek | Kalama River | 1,899 | 12 | 947,600 | 2,360,000 | 1,222 | 0 | 677 | 12 |
| Lewis River | Lewis River | 9 | 0 | 0 | 0 | 8 | 0 | 1 | 0 |
| Washougal | Washougal | 10,180 | 21 | 8,620,000 | 7,060,000 | 0 | 0 | 10,180 | 21 |
| Lyons Ferry | Snake River | 1,303 | 503 | 1,695,700 | 1,450,000 | 0 | 0 | 1,303 | 503 |
| Ringold | Ringold | 597 | 2 | 0 | 0 | 0 | 0 | 597 | 2 |
| Priest Rapids | Priest Rapids | 14,280 | 131 | 15,079,000 | 16,500,000 | 0 | 0 | 14,280 | 131 |
| SUBTOTAL | | 52,782 | 1,038 | 50,719,300 | 48,700,000 | 11,039 | 294 | 41,743 | 744 |
| TOTAL ESCAPEMENT | | 127,056 | 6,410 | 120,069,922 | 124,750,000 | 29,958 | 1,287 | 97,098 | 5,123 |

1) Eggtake goal at Grays River Hatchery is 1,415,000 tute stock fall chinook.

2) 116 adult fish were shipped to Grays River Hatchery and spawned. Eggtake is listed under Grays River, Kalama River stock.

3) 1 adult fish was shipped to North Toutle Hatchery and spawned. Eggtake is listed under North Troutle, Toutle stock.

COHO

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | |
|---------------------------|------------------|------------------|--------------|-------------------|-------------------|---------------|------------|-----------------------------|--------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack |
| PUGET SOUND REGION | | | | | | | | | |
| Kendall Creek | Nooksack | 15,409 | 611 | 2,148,000 | 2,000,000 | 0 | 0 | 15,409 | 611 |
| Samish | Samish | 1,518 | 108 | 85,000 | 330,000 | 1,425 | 108 | 93 | 0 |
| Marblemount | Skagit | 16,253 | 679 | 1,743,060 | 885,000 | 0 | 0 | 16,253 | 679 |
| Wallace River | Skykomish | 17,610 | 232 | 6,176,500 | 6,400,000 | 303 | 0 | 17,307 | 232 |
| Sunset Falls Trap | Skykomish - wild | 17,615 | 125 | 0 | 0 | 17,615 | 125 | 0 | 0 |
| Issaquah | Issaquah | 15,032 | 1,744 | 4,173,800 | 3,300,000 | 6,028 | 185 | 9,004 | 1,559 |
| Soos Creek | Soos Creek | 14,958 | 75 | 2,862,000 | 2,825,000 | 6,003 | 0 | 8,955 | 75 |
| Minter Creek | Minter Creek | 16,074 | 315 | 5,328,000 | 7,200,000 | 3,217 | 0 | 12,857 | 315 |
| Garrison | Chambers Creek | 859 | 367 | 0 | 0 | 859 | 367 | 0 | 0 |
| Tumwater Falls-Wild | Deschutes | 511 | 38 | 0 | 0 | 464 | 35 | 47 | 3 |
| Voights Creek | Voights Creek | 50,649 | 2,214 | 2,205,500 | 2,280,000 | 4,660 | 90 | 45,989 | 2,124 |
| George Adams | George Adams | 14,786 | 357 | 755,000 | 590,000 | 0 | 0 | 14,786 | 357 |
| | Baker | 755 | 12 | 0 | 0 | 0 | 0 | 755 | 12 |
| Hoodsport | Baker | 3,652 | 106 | 0 | 300,000 | 0 | 0 | 3,652 | 106 |
| Dungeness | Fall Dungeness | 5,149 | 26 | 1,002,000 | 1,000,000 | 0 | 0 | 5,149 | 26 |
| SUBTOTAL | | 190,830 | 7,009 | 26,478,860 | 27,110,000 | 40,574 | 910 | 150,256 | 6,099 |

COHO Cont.

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | | |
|-----------------------|-----------------|------------------|----------------|--------------|-------------------|-------------------|---------------|-----------------------------|---------------|--------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack | |
| COASTAL REGION | | | | | | | | | | |
| Solduc | Summer | 3,400 | 9 | 310,000 | 236,000 | 0 | 0 | 3,400 | 9 | |
| | Fall | 11,720 | 540 | 740,000 | 700,000 | 55 | 0 | 11,665 | 540 | |
| Shale Creek | Clearwater | 1 | 336 | 3 | 92,000 | (see footnote 4) | 237 | 3 | 99 | |
| | Queets | 1 | 112 | 3 | 102,000 | (see footnote 4) | 4 | 3 | 108 | |
| Humptulips | Humptulips | | 27,521 | 264 | 3,922,000 | 2,500,000 | 0 | 0 | 27,521 | |
| | Late | | 0 | 0 | 0 | 236,000 | 0 | 0 | 0 | |
| Lake Aberdeen | Van Winkle | | 306 | 23 | 58,000 | 200,000 | 251 | 20 | 55 | |
| | Van Winkle Late | | 4 | 0 | 0 | 0 | 0 | 0 | 4 | |
| Bingham Creek | Satsop | | 16,320 | 20 | 3,937,400 | 3,100,000 | 4,314 | 7 | 12,006 | |
| | Bingham Late | 3 | 230 | 0 | 641,000 | 340,000 | 2 | 0 | 228 | |
| Bingham Creek-Trap | Bingham | | 2,908 | 68 | 0 | 0 | 2,451 | 58 | 457 | |
| | Bingham Late | 3 | 238 | 0 | 0 | 0 | 137 | 0 | 101 | |
| Satsop Springs | Satsop | | 5,888 | 34 | 1,636,700 | (see footnote 2) | 0 | 0 | 5,888 | |
| Forks Creek | Willapa | | 8,771 | 10 | 2,190,000 | 1,825,000 | 4,416 | 8 | 4,355 | |
| | Willapa Late | | 0 | 0 | 0 | 118,000 | 0 | 0 | 0 | |
| Nemah | Nemah | | 22,231 | 109 | 940,000 | 700,000 | 13,921 | 80 | 8,310 | |
| Naselle | Naselle | | 17,811 | 219 | 1,509,000 | 1,400,000 | 7,405 | 92 | 10,406 | |
| | Naselle Late | | 0 | 0 | 0 | 118,000 | 0 | 0 | 0 | |
| SUBTOTAL | | | 117,796 | 1,302 | 16,078,100 | 11,473,000 | 33,193 | 271 | 84,603 | 1,031 |

1) Fish were spawned at Shale Creek, eggs were shipped to the Quinault Indian Nation.

2) Eggtake goal is included in Bingham Creek, Satsop stock eggtake goal.

3) 101 fish transferred to Bingham Creek Hatchery, eggtake listed under Bingham Creek.

4) Eggtake goal is 236,000 coho eggs.

COHO Cont.

| Hatchery | Stock | Total Escapement | | | Goal** | Upstream | | Escapement Less Upstream | |
|-------------------------------------|---------|------------------|---------------|-------------------|-------------------|---------------|--------------|-----------------------------|---------------|
| | | Adult | Jack | Eggtake | Eggtake | Adult | Jack | Adult | Jack |
| <u>COLUMBIA RIVER REGION</u> | | | | | | | | | |
| Sea Resources | Chinook | 7 | 0 | 12,000 | 1,500,000 | 0 | 0 | 7 | 0 |
| Grays River | Type S | 1,240 | 127 | 1,339,800 | 500,000 | 17 | 0 | 1,223 | 127 |
| Elochoman | Type S | 1,253 | 0 | 345,200 | 590,000 | 700 | 0 | 553 | 0 |
| | Type N | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 0 |
| Cowlitz Salmon | Type N | 11,352 | 2,964 | 10,007,500 | 9,030,000 | 3,237 | 2,812 | 8,115 | 152 |
| North Toutle | Type S | 14,923 | 764 | 2,709,000 | 1,300,000 | 12,950 | 579 | 1,973 | 185 |
| N.F. Toutle FCF | Type S | 1 | 100 | 22 | 0 | 97 | 21 | 3 | 1 |
| Kalama Falls | Type N | 233 | 15 | 65,300 | 1,060,000 | 76 | 14 | 157 | 1 |
| Fallert Creek | Type S | 1,055 | 65 | 796,500 | 600,000 | 430 | 4 | 625 | 61 |
| Lewis River | Type S | 2 | 4,784 | 1,007 | 0 | 37 | 6 | 4,747 | 1,001 |
| | Type N | 5,291 | 2,619 | 6,542,500 | 2,700,000 | 176 | 2 | 5,115 | 2,617 |
| Klickitat | Type N | 0 | 0 | 0 | 1,800,000 | 0 | 0 | 0 | 0 |
| Speelyai | Type S | 2 | 0 | 0 | 2,400,000 | 0 | 0 | 0 | 0 |
| Washougal | Type N | 1,085 | 77 | 1,035,000 | 4,300,000 | 13 | 0 | 1,072 | 77 |
| SUBTOTAL | | 41,323 | 7,660 | 25,017,000 | 26,780,000 | 17,733 | 3,438 | 23,590 | 4,222 |
| TOTAL ESCAPEMENT | | 349,949 | 15,971 | 67,573,960 | 65,363,000 | 91,500 | 4,619 | 258,449 | 11,352 |

1) 3 adult fish and 1 jack fish were shipped to North Toutle Hatchery to be spawned. Eggtake is listed under North Toutle.

2) 1,578 adult fish and 15 jack fish were shipped to Speelyai Hatchery to be spawned. Eggtake is listed under Speelyai.

CHUM

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|----------------------------------|------------------|------------------|-------------------|-------------------|---------------|-----------------------------|
| | | Adult | Eggtake | Eggtake | Adult | Adult |
| <u>PUGET SOUND REGION</u> | | | | | | |
| Kendall Creek | Nooksack | 46 | 26,500 | 1,800,000 | 0 | 46 |
| Samish | Samish | 29 | 20,000 | 600,000 | 0 | 29 |
| Sunset Falls Trap | Skykomish - wild | 214 | 0 | 0 | 214 | 0 |
| Soos Creek | Big Soos | 11 | 0 | 0 | 11 | 0 |
| Minter Creek | Minter | 28,505 | 5,089,000 | 4,650,000 | 10,550 | 17,955 |
| Coulter Creek | Early | 916 | 0 | 0 | 820 | 96 |
| Garrison | Chambers - Late | 2,310 | 71,505 | 75,000 | 2,222 | 88 |
| Tumwater Falls-Wild | Deschutes | 120 | 0 | 0 | 120 | 0 |
| George Adams | George Adams | 15,369 | 8,212,000 | 5,900,000 | 0 | 15,369 |
| McKernan | McKernan | 32,768 | 16,863,000 | 11,800,000 | 0 | 32,768 |
| Hoodsport | Hood Canal | 93,755 | 5,567,500 | 21,800,000 | 0 | 93,755 |
| SUBTOTAL | | 174,043 | 35,849,505 | 46,625,000 | 13,937 | 160,106 |

CHUM CONT.

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|-------------------------------------|-------------|------------------|-------------------|-------------------|---------------|-----------------------------|
| | | Large | Eggtake | Eggtake | Large | Large |
| <u>COASTAL REGION</u> | | | | | | |
| Lake Aberdeen | Van Winkle | 71 | 0 | 0 | 71 | 0 |
| Bingham Creek Trap | Bingham | 2 | 0 | 0 | 2 | 0 |
| Nemah | Nemah | 523 | 111,500 | 590,000 | 326 | 197 |
| Naselle | Naselle | 19 | 0 | 0 | 10 | 9 |
| SUBTOTAL | | 615 | 111,500 | 590,000 | 409 | 206 |
| <u>COLUMBIA RIVER REGION</u> | | | | | | |
| Sea Resources | Chinook | 266 | 264,500 | 320,000 | 0 | 266 |
| Grays River | Grays River | 10 | 8,573 | 100,000 | 0 | |
| Cowlitz Salmon | Cowlitz | 8 | 0 | 0 | 7 | 1 |
| SUBTOTAL | | 284 | 273,073 | 420,000 | 7 | 277 |
| TOTAL ESCAPEMENT | | 174,942 | 36,234,078 | 47,635,000 | 14,353 | 160,589 |

1) Fish snagged from the Grays River.

SOCKEYE

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|-------------------------------------|------------------|------------------|---------------|-------------------|--------------|-----------------------------|
| | | Adult | Eggtake | Eggtake | Adult | Adult |
| <u>PUGET SOUND REGION</u> | | | | | | |
| Baker Spawning Beaches | Baker River | 1 | 3,810 | 0 | 0 | 3,810 |
| Sunset Falls Trap | Skykomish - wild | | 10 | 0 | 10 | 0 |
| Cedar River | Cedar River | | 9,589 | 14,718,000 | 0 | 9,589 |
| Issaquah | Issaquah | | 984 | 0 | 971 | 13 |
| Garrison | Chambers | | 3 | 0 | 3 | 0 |
| Tumwater Falls-Wild | Deschutes | | 9 | 0 | 9 | 0 |
| <i>SUBTOTAL</i> | | | 14,405 | 14,718,000 | 993 | 13,412 |
| <u>COLUMBIA RIVER REGION</u> | | | | | | |
| Cowlitz Salmon | Cowlitz | | 4 | 0 | 4 | 0 |
| North Toutle | Toutle | | 1 | 0 | 1 | 0 |
| N.F. Toutle FCF | Toutle | | 3 | 0 | 3 | 0 |
| Lake Wenatchee | Lake Wenatchee | 2 | 852 | 299,475 | 625 | 227 |
| <i>SUBTOTAL</i> | | | 860 | 299,475 | 633 | 227 |
| <i>TOTAL ESCAPEMENT</i> | | | 15,265 | 15,017,475 | 1,626 | 13,639 |

1) Fish spawned in one of three artificial spawning beaches on the Baker River

2) Fish trapped at Tumwater Dam.

PINK

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|----------------------------------|------------|------------------|-----------------|-----------------|-----------------|-----------------------------|
| | | Adult | Eggtake | Eggtake | Adult | Adult |
| <u>PUGET SOUND REGION</u> | | | | | | |
| Garrison | Chambers | 1 | 0 | 0 | 1 | 0 |
| <i>SUBTOTAL</i> | | <i>1</i> | <i>0</i> | <i>0</i> | <i>1</i> | <i>0</i> |
| <u>COASTAL REGION</u> | | | | | | |
| Lake Aberdeen | Van Winkle | 2 | 0 | 0 | 1 | 1 |
| <i>SUBTOTAL</i> | | <i>2</i> | <i>0</i> | <i>0</i> | <i>1</i> | <i>1</i> |
| <i>TOTAL ESCAPEMENT</i> | | <i>2</i> | <i>0</i> | <i>0</i> | <i>1</i> | <i>1</i> |

SUMMER STEELHEAD

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|----------------------------------|------------------|---------------------|-------------------------|-------------------------|---------------------|-----------------------------|
| | | Adult | Eggtake | Eggtake | Adult | Adult |
| <u>PUGET SOUND REGION</u> | | | | | | |
| Whitehorse | Stilliguamish | 184 | 338,200 | 250,000 | 0 | 184 |
| Reiter Ponds | Skykomish | 735 | 1,005,000 | 850,000 | 163 | 572 |
| Sunset Falls Trap | Skykomish - wild | 1,236 | 0 | 0 | 1,236 | 0 |
| Soos Creek | Big Soos | 7 | 0 | 0 | 7 | 0 |
| Palmer Ponds | Skykomish | 34 | 0 | 0 | 34 | 0 |
| <i>SUBTOTAL</i> | | <i>2,196</i> | <i>1,343,200</i> | <i>1,100,000</i> | <i>1,440</i> | <i>756</i> |
| <u>COASTAL REGION</u> | | | | | | |
| Solduc | Quillayute | 203 | 0 | 0 | 67 | 136 |
| Bogachiel | Quillayute | 288 | 153,400 | 200,000 | | 288 |
| Lake Aberdeen | Van Winkle | 416 | 306,000 | 250,000 | 303 | 113 |
| <i>SUBTOTAL</i> | | <i>907</i> | <i>459,400</i> | <i>450,000</i> | <i>370</i> | <i>537</i> |

SUMMER STEELHEAD cont.

| Hatchery | Stock | | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|-------------------------------------|---------------|---|------------------|------------------|------------------|---------------|-----------------------------|
| | | | Adult | Eggtake | Eggtake | Adult | Adult |
| <u>COLUMBIA RIVER REGION</u> | | | | | | | |
| Cowlitz Salmon | Cowlitz | 1 | 3,519 | 0 | 0 | 2,569 | 950 |
| Cowlitz Trout | Cowlitz | 1 | 2,421 | 928,000 | 850,000 | 1,895 | 526 |
| North Toutle | Toutle | | 83 | 0 | 0 | 83 | 0 |
| Skamania | Skamania | | 1,785 | 1,844,000 | 1,300,000 | 0 | 1,785 |
| Lewis River | Lewis River | 2 | 1,619 | 0 | 0 | 1,165 | 454 |
| Merwin | Lewis River | 2 | 450 | 66,500 | 250,000 | 0 | 450 |
| Ringold | Skamania | | 119 | 0 | 0 | 118 | 1 |
| Priest Rapids Dam | Priest Rapids | 4 | 272 | 0 | 0 | 0 | 272 |
| Dryden Dam | Wenatchee | 3 | 33 | 0 | 0 | 6 | 27 |
| Wells | Wells | | 385 | 745,000 | (See Footnote 5) | 0 | 385 |
| | Priest Rapids | 4 | 0 | 500,000 | (See Footnote 5) | 0 | 0 |
| | Wenatchee | 3 | 0 | 30,000 | (See Footnote 5) | 0 | 0 |
| Lyons Ferry | Lyons Ferry | | 5,598 | 1,090,638 | 1,500,000 | 4,737 | 861 |
| Cottonwood Pond | Wallowa | | 224 | 536,700 | 0 | 0 | 224 |
| SUBTOTAL | | | 16,508 | 5,740,838 | 3,900,000 | 10,573 | 5,816 |
| TOTAL ESCAPEMENT | | | 19,611 | 7,543,438 | 5,450,000 | 12,383 | 7,109 |

1) 929 fish were shipped to Cowlitz Trout Hatchery and spawned. Eggtake is listed under Cowlitz Trout, Cowlitz stock.

2) 450 fish were shipped to Merwin Hatchery and spawned. Eggtake is listed under Merwin, Lewis River stock.

3) 25 fish were shipped to Wells Hatchery and spawned. Eggtake is listed under Wells, Wenatchee stock.

4) 272 fish were shipped to Wells Hatchery and spawned. Eggtake is listed under Wells, Priest Rapids stock.

5) Eggtake goal for Wells Hatchery is 1,650,000 summer steelhead.

WINTER STEELHEAD

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|------------------------------|-------------|------------------|------------------|------------------|--------------|-----------------------------|
| | | Adult | Eggtake | Eggtake | Adult | Adult |
| COASTAL REGION | | | | | | |
| Solduc | Solduc | 57 | 87000 | | 0 | 57 |
| Bogachiel | Bogachiel | 2,093 | 1,586,100 | 1,380,000 | 69 | 2,024 |
| Humtulpips | Humtulpips | 854 | 256,800 | 225,000 | 57 | 797 |
| Lake Aberdeen | Van Winkle | 469 | 411,800 | 335,000 | 55 | 414 |
| | Wynoochee | 1 | 246,200 | 250,000 | 0 | 0 |
| Wynoochee Dam | Wynoochee | 1 | 173 | 0 | 0 | 173 |
| Bingham Creek Trap | Bingham | | 12 | 0 | 12 | 0 |
| | Van Winkle | | 35 | 0 | 0 | 35 |
| Naselle | Naselle | | 101 | 104,000 | 85,000 | 59 |
| Nemah | Nemah | | 8 | 0 | 0 | 8 |
| Forks Creek | Willapa | | 308 | 113,000 | 35,000 | 182 |
| | | | | | | 126 |
| SUBTOTAL | | 4,053 | 2,717,900 | 2,310,000 | 442 | 3,611 |
| COLUMBIA RIVER REGION | | | | | | |
| CowlitzSalmon | Cowlitz | 2 | 4,958 | 0 | 4,229 | 729 |
| CowlitzTrout | Cowlitz | 2 | 2,480 | 1,049,400 | 2,200,000 | 1,650 |
| Beaver Creek | Elochoman | | 473 | 552,000 | 450,000 | 228 |
| Skamania | Skamania | | 187 | 155,500 | 500,000 | 0 |
| Lewis River | Lewis River | 3 | 581 | 0 | 0 | 66 |
| Merwin | Lewis River | 2 | 0 | 401,575 | 250,000 | 0 |
| SUBTOTAL | | 8,679 | 2,158,475 | 3,400,000 | 6,173 | 2,506 |
| TOTAL ESCAPEMENT | | 14,402 | 7,205,815 | 9,140,000 | 7,058 | 7,344 |

1) 173 fish shipped to Lake Aberdeen Hatchery and spawned. Eggtake listed under Lake Aberdeen, Wynoochee stock.

2) 725 fish shipped to Cowlitz Trout Hatchery and spawned. Eggtake listed under Cowlitz Trout, Cowlitz stock.

3) 514 fish shipped to Merwin Hatchery and spawned. Eggtake listed under Merwin, Lewis River stock.

WINTER STEELHEAD

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|----------------------------------|-------------------|------------------|------------------|------------------|------------|-----------------------------|
| | | Adult | Eggtake | Eggtake | Adult | Adult |
| <u>PUGET SOUND REGION</u> | | | | | | |
| Whitehorse | Stilliguamish | 138 | 212,400 | 450,000 | 0 | 138 |
| Marblemount | Skagit | 58 | 96,880 | 350,000 | 0 | 58 |
| Barnaby | Skagit | 289 | 716,800 | 750,000 | 0 | 289 |
| Reiter Ponds | Skykomish | 129 | 248,000 | 600,000 | 16 | 113 |
| Tokul Creek | Tokul | 684 | 831,000 | 1,200,000 | 287 | 397 |
| Ballard Locks | Lake Washington 1 | 24 | 10,000 | 0 | 0 | 24 |
| Palmer Ponds | Tokul | 15 | 0 | 0 | 15 | 0 |
| Voights | Voights | 153 | 164,000 | 0 | 20 | 133 |
| Puyallup | Puyallup | 47 | 24,000 | 0 | 7 | 40 |
| Chambers | Chambers | 23 | 26,360 | 80,000 | 10 | 13 |
| Tumwater Falls-Wild | Deschutes | 110 | 0 | 0 | 88 | 22 |
| SUBTOTAL | | 1,670 | 2,329,440 | 3,430,000 | 443 | 1,227 |

1) 24 fish were shipped to Cedar River Hatchery for spawning. Eggtake is listed under Cedar River.

ANADROMOUS GAMEFISH (including Kokanee)

| Hatchery | Stock | Total Escapement | | Goal** | Upstream | Escapement Less Upstream |
|-------------------------------|------------------|------------------|---------------|-------------------|------------------|-----------------------------|
| | | Adult | Eggtake | Eggtake | Adult | Adult |
| Sea-Run Cutthroat | | | | | | |
| Samish | Samish | 151 | 0 | 0 | 150 | 1 |
| Soos Creek | Big Soos | 26 | 0 | 0 | 26 | 0 |
| Minter | Minter | 159 | 0 | 0 | 159 | 0 |
| Garrison | Chambers | 20 | 0 | 0 | 20 | 0 |
| Turnwater Falls-Wild | Deschutes | 74 | 0 | 0 | 74 | 0 |
| Eells Springs | Hood Canal | 1 | 508 | 226,529 | 0 | 508 |
| Lake Aberdeen | Coastal | 1 | 760 | 325,400 | 297 | 463 |
| Bingham Creek Trap | Bingham | | 10 | 0 | 10 | 0 |
| Naselle | Naselle | | 23 | 0 | 23 | 0 |
| Nemah | Nemah | | 20 | 0 | 20 | 0 |
| Cowlitz Salmon | Cowlitz | 2 | 175 | 0 | 2 | 173 |
| Cowlitz Trout | Cowlitz | 2 | 640 | 184,500 | 354 | 286 |
| Beaver Creek | Elochoman | | 84 | 25,448 | 40 | 44 |
| Skamania | Skamania | | 366 | 84,800 | 226 | 140 |
| Lewis River | Lewis River | 3 | 69 | 0 | 10 | 59 |
| Merwin | Lewis River | 3 | 0 | 10,450 | 29 | (29) |
| TOTAL | | | 3,085 | 857,127 | 1,170,000 | 1,440 |
| Dolly Varden/Bulltrout | | | | | | |
| Sunset Falls Trap | Skykomish - wild | | 45 | 0 | 45 | 0 |
| Chiwawa | Chiwawa | 4 | 477 | 0 | 477 | 0 |
| TOTAL | | | 522 | 0 | 0 | 522 |
| Kokanee | | | | | | |
| Speelyai | Lake Merwin | | 224 | 14,021 | 0 | 224 |
| Lake Whatcom | Lake Whatcom | | 94,090 | 14,249,653 | 0 | 94,090 |
| TOTAL | | | 94,314 | 14,263,674 | 0 | 94,314 |
| Atlantic Salmon | | | | | | |
| Sunset Falls Trap | | | 2 | 0 | 0 | 2 |
| TOTAL | | | 2 | 0 | 0 | 2 |

1) Captive broodstock Sea-Run Cutthroat program.

2) 172 adults shipped from Cowlitz Salmon Hatchery to Cowlitz Trout Hatchery. Eggtake listed under Cowlitz Trout Hatchery.

3) 55 adults shipped from Lewis River Hatchery to Merwin Hatchery. Eggtake listed under Merwin Hatchery.

4) Fish trapped at Chiwawa Ponds Trap

GAMEFISH

| Hatchery | Stock | TOTAL BROODSTOCK HANDLED | | Goal** | BROODSTOCK PLANTED |
|---------------------------|--------------|--------------------------|-------------------|-------------------|--------------------|
| | | Adult | Eggtake | Eggtake | Adult |
| Rainbow | | | | | |
| Puyallup | South Tacoma | | | | |
| Lakewood | South Tacoma | 3,573 | 5,349,504 | 2,900,000 | 3,060 |
| Goldendale | Goldendale | 3,301 | 7,753,656 | 7,500,000 | 1,972 |
| Chiwawa | Chiwawa | 1 | 0 | 0 | 1 |
| Spokane | Spokane | 5,494 | 9,116,236 | 8,000,000 | 1,935 |
| Colville | Phalon | 205 | 97,000 | 175,000 | 0 |
| Eells Springs | Mt. Whitney | 1,695 | 1,947,944 | 1,600,000 | 0 |
| TOTAL | | 14,269 | 24,264,340 | 20,175,000 | 6,968 |
| Cutthroat | | | | | |
| Eells Springs | Tokul | 1,811 | 782,206 | 767,000 | 1,874 |
| Chelan | Twin Lk | 2,151 | 423,950 | 700,000 | 0 |
| Omak | Lk Lenore | 650 | 999,915 | 570,000 | 546 |
| Colville | KingsLk | 1,357 | 209,000 | 400,000 | 0 |
| TOTAL | | 5,969 | 2,415,071 | 2,437,000 | 2,420 |
| Mountain Whitefish | | | | | |
| Chiwawa | Chiwawa | 1 | 10 | 0 | 10 |
| TOTAL | | 10 | 0 | 0 | 10 |

1) Fish trapped at Tumwater Dam.

GAMEFISH Cont.

| Hatchery | Stock | TOTAL BROODSTOCK HANDLED | | Goal** | BROODSTOCK PLANTED |
|-----------------------------------|-------|--------------------------|------------------|------------------|--------------------|
| | | Adult | Eggtake | Eggtake | Adult |
| <u>Lake Trout</u> | | | | | |
| Ford | Ford | 340 | 465,480 | 100,000 | 0 |
| TOTAL | | 340 | 465,480 | 100,000 | 0 |
| <u>Golden Trout</u> | | | | | |
| Reiter Ponds | Tokul | 79 | 8,250 | 10,000 | 19 |
| TOTAL | | 79 | 8,250 | 10,000 | 19 |
| <u>Eastern Brook Trout</u> | | | | | |
| Ford | Ford | 2,390 | 1,051,752 | 900,000 | 2,162 |
| TOTAL | | 2,390 | 1,051,752 | 900,000 | 2,162 |
| <u>German Brown</u> | | | | | |
| Ford | Ford | 1,607 | 1,657,642 | 1,000,000 | 1,556 |
| TOTAL | | 1,607 | 1,657,642 | 1,000,000 | 1,556 |