

Table A3a. Chinook salmon egg take, release, and return data for the Medveje Creek Hatchery , BY 1982-2022.

Brood Year	Broodstock Source	Number Eggs	Number Released	Release Date	Avg Wgt (g)	Hatchery Survival %	Adult Return	Marine Survival %	
1982	Andrew Creek	46,500	26,572	05/23/84	26.7	57.1	277	1.04	
1983	Andrew Creek	36,509	21,883	05/20/85	55.7	47.1	568	2.60	
1984	Crystal Lake	163,500	108,041	05/23/86	16.7	66.1	112	0.10	
1985	Crystal Lake	291,600	227,536	05/16/87	18.9	78	1,490	0.65	
1986	Crystal Lake Medveje	223,850 4,209	174,577	05/13/88	33.3	78	5,991	3.43	
1987	Crystal Lake Medveje	1,041,450 303,200	743,511	05/19/89 06/02/89	72.2 23.3	/1 /2	55.3	18,998	2.56
1988	Crystal Lake Medveje Little Port W. ^{/12}	772,000 636,300 15,080	920,995	05/19/90 05/19/90 05/23/90	47.8 21.0 23.7	/1 /2	64.7	17,022	1.85
1989	Medveje Ohmer Creek Little Port W. ^{/13} Whitman Lake ^{/12}	611,300 56,400 475,800 425,000 /3	866,839	5/18&23/91	53.2 23.7	/1 /2	79.3 /5	21,879	2.52
1990	Medveje Whitman Lake ^{/12}	1,200,000 /3 1,561,030 /3	to HFH 1,144,688	5/15,21&6/5/92	31.0 20.4	/1 /2	73.3	39,410	3.44
1991	Medveje Medveje	1,803,354 882,000	to HFH 762,369	5/14,21&6/1,2/93	38.1 20.4	/1 /2	86.4	30,982	4.06
1992	Medveje Medveje	272,724 /3 1,208,000	to HFH 1,083,432	5/23,25&6/9/94	47.5 25.5	/1 /2	89.7	37,039	3.42
1993	Medveje	1,308,900 /6	1,130,236	5/18,19,22,23/95 3/23/95 (accidental release)	72.2 21.7	/1 /2	86.4	20,344	1.80
1994	Medveje Gastineau Crystal Lake Hidden Falls Medveje	585,500 390,400 378,400 177,000 225,890 /7	1,004,878	5/16,22/96	50.0 22.3	/1 /2	65.6	16,217	1.61
1995	Hidden Falls	1,384,500	1,052,995	5/21/1997	40.9 23.0	/1 /2	76.1	15,253	1.45
1996	Medveje Hidden Falls	275,600 1,170,000	1,119,512	5/26/1998	34.0,56.0, 92.0	/8	77.4	37,409	3.34
1997	Medveje	1,957,000	1,596,867	4/21,5/19/99	30.5,49.3,86.4 53.71	/9	81.6	42,948	2.69
1998	Medveje	2,617,200	2,043,105	5/24,30/2000	32.0,49.6,92.5 34.3	/9	78.1	52,261	2.56
1999	Medveje	2,781,000	1,872,609 205,623	5/7,21,23/2001 7/17/2000	36.5,51.3 56.0,59.3 21.1	/9 /10	74.7	38,087 6,102	2.03 2.97
2000	Medveje	2,845,700	1,953,356 309,500	4/15,5/23/2002 7/16/2001	38.8 49.0,54.8 8.5,15.6	/9 /10	79.5	52,514 204	2.69 0.07
2001	Medveje	2,845,500	1,502,186 -	5/27,29/2003 (no 0-check smolts)	31.6 54.0	/9 /10	52.8 /11	7,965	0.53
2002	Medveje	3,200,000	1,929,602 261,663	3/26,5/19,20,25,27/04 7/17/2003	36.0,75.1 47.5 20.8	/9 /10	68.5	14,661 46	0.76 0.02

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Brood Year	Broodstock Source	Number Eggs	Number Released	Release Date	Avg Wgt (g)	Hatchery Survival %	Adult Return	Marine Survival %	
2003	Medveje	2,793,000	1,538,388	5/10,13,16,19,20/05	57.3,88.9 77.6	/9	80.5	41,067	2.67
			709,368	6/23,7/2,7/19/04	10.1,10.2,22.8	/10	2,594	0.37	
2004	Medveje	3,481,000	1,790,477	4/1,20,5/10,12,22,23/06	41.0,65.1,76.1 68.4,71.7	/9	77.0	26,877	1.50
			891,070	7/1,9/15/05	12.7,19.7,25.3	/10	9,130	1.02	
2005	Medveje	4,801,269	1,491,455	3/14,5/14,16,22,24/07	53.1,59.0,62.0,63.0 40.3	/9	67.9	6,912	0.46
			933,874	7/10,15,17/06	19.9,22.3,12.5	/10	601	0.06	
			836,929	7/15/2006	21.7	/14	2,044	0.24	
2006	Medveje Hidden Falls	3,819,458 <u>1,771,958</u> 5,591,416	2,103,213	5/15,19/2008	42.5,43.1 57.0	/9	74.9	46,187	2.20
			1,084,641	7/10,19/07	13.6,18.8	/10	238	0.02	
			1,002,211	7/11/2007	12.8	/14	510	0.05	
2007	Medveje	4,644,862	2,128,272	6/3/2009	58.8 46.9,49.3	/9	84.4	19,671	0.92
			873,011	7/13,14,21/08	10.5,13.1,17.3	/10	64	0.01	
			919,043	7/20/2008	20.2	/14	405	0.04	
2008	Medveje	4,789,294	1,837,901	5/25,27,28,6/1/10	69.4 75.5	/9	77.1	49,063	2.67
			1,852,661	7/11/2009	10.5	/10	106	0.01	
2009	Medveje Hidden Falls	3,967,390 <u>964,701</u> 4,932,091	1,696,344	4/6,13-21/2011	53.2,69.5	/9	50.7	15,582	0.92
			802,790	4/20-5/15/2011	43.8,54.5	/10	1,872	0.23	
				7/18/2010	20.1	/10			
2010	Medveje Hidden Falls	4,448,922 <u>724,000</u> 5,172,922	2,557,136	5/20/2012	52.0	/9	56.2	18,294	0.72
			349,003	4/24-5/14/2012	60.9	/15	3,118	0.89	
				5/25/2012	26.5	/15			
2011	Medveje	3,212,420	2,196,152	4/23-5/3/2013	58.6	/16	81.0	23,198	1.06
			406,301	5/28/2013	24.2	/15	428	0.11	
				6/4/2013	25.2	/15			
2012	Medveje Hidden Falls	2,931,055 <u>1,010,410</u> 3,941,465	1,780,952	4/7-5/15/14	63.0	/16	54.8	8,071	0.45
			377,549	5/3/2014	25.2	/15	1,978	0.52	
				5/20/2014	28.9	/15			
2013	Medveje Hidden Falls	1,761,366 <u>1,845,231</u> 3,606,597	937,711	1/16,3/26,274/20/15	61.4	/16	38.0	1,852	0.20
			431,295	5/18/2015	31.7	/15	1,728	0.18	
				5/15/2015	27.3	/15	1,768	0.41	
2014	Medveje	3,876,041	1,107,049	4/9,10,22,5/3/16	59.7	/16	73.1	17,435	1.57
			735,241	5/7-8,21-22/16	53.8	/16	13,624	1.85	
			148,568	5/14/2016	26.7	/15	1,113	0.75	
			392,677	5/17/2016	27.7	/15	2,406	0.61	
			447,918	6/15/2015	6.0	/10	0	0.00	
2015	Medveje	4,266,764	837,220	4/4,5,11,12,5/9/17	60.6	/16	57.6	7,571	0.90
			554,198	4/5,6,11,5/15/17	51.4	/16	3,213	0.58	
			187,115	4/28/2017	22.5	/16	149	0.08	
			346,799	5/16/2017	25.5	/15	255	0.07	
			72,714	5/19/2017	25.5	/18	343	0.47	
			329,161	5/25-26/16	7.4	/10	0	0.00	
			129,250	5/31/2016	9.6	/17	297	0.23	
2016	Medveje	2,882,940	408,748	4/12,13,25/2018	56.8	/16	73.3	2,697	0.66
			599,411	4/13,25,5/14/2018	51.1	/16	8,276	1.38	
			191,934	5/17/2018	26.3	/16	2,872	1.50	
			294,819	5/20/2018	24.2	/15	2,865	0.97	
			104,498	5/21/2018	21.4	/18	1,222	1.17	
			356,708	6/14/2017	10.1	/10	0	0.00	
			155,854	6/3/2017	10.0	/17	172	0.11	
2017	Medveje	4,432,240	764,565	3/20,27,4/2,20,22/2019	60.3	/16	55.0	16,514	2.16
			506,295	4/3,4,26,5/1,2/2019	69.5	/16	3,700	0.73	
			395,447	4/26/2019	17.3	/19	996	0.25	
			231,408	4/24/2019	18.1	/18	490	0.21	
			342,685	5/25/2018	5.9	/10	0	0.00	
			198,924	5/22/2018	5.8	/17	349	0.18	

Table A3a. Chinook salmon egg take, release, and return data for the Medvejie Creek Hatchery , BY 1982-2022.

Brood Year	Broodstock Source	Number Eggs	Number Released	Release Date	Avg Wgt (g)	Hatchery Survival %	Adult Return	Marine Survival %		
2018	Medvejie	5,206,400	623,144	4/7/2020	41.6,62.5	/16	49.8	3,632	0.58	/4
			458,541	4/20/2020	41.6		1,026	0.22	/4	
			388,556	4/30/2020	19.8	/19	3,747	0.96	/4	
			208,240	4/28/2020	17.4	/18	523	0.25	/4	
			571,549	5/18,24,31,6/3/2019	11.5	/10	141	0.02	/4	
			341,842	5/20/2019	10.3	/17	327	0.10	/4	
2019	Medvejie	5,565,000	943,412	4/15-16/21	48.6, 58.8	/16	59.4	890	0.09	/4
			674,168	4/30/2021	48.6		743	0.11	/4	
			224,379	5/8/2021	20.3	/18	77	0.03	/4	
			399,607	4/29/2021	16.7	/19	227	0.06	/4	
			427,524	5/19/2020	9.6	/17	291	0.07	/4	
			637,838	4/28/2020	13.5	/10	63	0.01	/4	
2020	Medvejie	6,087,300	1,156,853	4/14/2022	41.4	/16	54.1		/4	
			839,455	5/31/2022	44.0				/4	
			354,164	5/4/2022	13.9	/19			/4	
			199,158	5/17/2022	21.5	/18			/4	
			175,197	6/17/2021	8.2	/10			/4	
			570,773	5/22/2021	4.3	/17			/4	
2021	Medvejie Hidden Falls Crystal Lake Macauley	5,193,000 697,500 270,000 576,000 6,736,500	1,199,079	4/13,14,15,16/2023	13.4	/16	43.1		/4	
			868,538	4/17, 5/13,14,15,17/2023	27.5				/4	
			298,222	4/28/2023	14.7	/19			/4	
			160,633	4/30/2023	16.0	/18			/4	
			58,623	7/1/2022	20.9	/10			/4	
			319,880	5/19/2022	3.4	/17			/4	
2022	Medvejie	6,079,500								
			329,793	5/23, 10/2/2023	9.5	/20				

- /1 Average weight of fish over-wintered in sea water
- /2 Average weight of fish over-wintered in fresh water
- /3 Eyed eggs transported
- /4 Incomplete returns
- /5 Excluding LPW Unuk stock
- /6 An estimated 69,000 fish were accidentally released on 3/23/95 @ 14g.
Average weight of fresh water group excluding this accidental release was 23.7g.
- /7 Chickamin stock eggs to Whitman Lake Hatchery
- /8 All fish over-wintered in sea water. Average weights of small, medium and large release groups are show.
- /9 All fish over-wintered in sea water. Average weights of small, medium and large release groups reared at Medvejie during the summer are shown in the first line. Avg. weights of release groups reared at Green Lake during the summer are shown in the second line.
- /10 Zero-check release
- /11 A bear tore holes in net pens, releasing an estimated 527,680 pre-smolt in late October, 2002. These are counted as mortality; thus the low hatchery survival. Survival would be about 71% without this loss.
- /12 Chickamin River stock
- /13 Unuk River stock - none were released
- /14 Zero-check release @ Deep Inlet
- /15 Halibut Point release site (FW overwinter at Medvejie)
- /16 Line 1 Green lake rearing (SW overwinter Bear Cove), line 3 Medvejie raceway rearing (SW overwinter at Bear Cove), Line 3 Medvejie raceway rearing (FW overwinter at Medvejie)
- /17 Zero-check release @ Crawfish Inlet
- /18 Yearling release @ Crawfish Inlet
- /19 Yearling release @ Crescent Bay
- /20 Bear Cove zeros included traditional spring releases (4.7g) and an experimental fall release (69.5g).

Table A3b. Chinook release totals by stock origin for yearling and zero check releases for the Medveje Creek Hatchery, BY 1982-2021

Groups:

MED = reared in hatchery raceways, overwinter FW or SW

GL = reared in Green Lake, overwinter SW, release at Bear Cove

HPM = reared in hatchery raceways, overwinter FW, release at Halibut Point

CI = reared in hatchery raceways, overwinter FW, release at Crawfish Inlet

Stock Group ANDREW CR

Smolt Yearling

Year Brood	Release Site	Group				Grand Total
		MED	GL	HPM	CI	
1982	BEAR COVE 113-41	26,572				26,572
1983	BEAR COVE 113-41	21,883				21,883
1984	BEAR COVE 113-41	108,041				108,041
1985	BEAR COVE 113-41	227,536				227,536
1986	BEAR COVE 113-41	174,577				174,577
1987	BEAR COVE 113-41	743,511				743,511
1988	BEAR COVE 113-41	911,314				911,314
1989	BEAR COVE 113-41	529,831				529,831
1991	BEAR COVE 113-41	762,369				762,369
1992	BEAR COVE 113-41	1,083,432				1,083,432
1993	BEAR COVE 113-41	1,130,236				1,130,236
1994	BEAR COVE 113-41	793,588				793,588
1995	BEAR COVE 113-41	1,052,995				1,052,995
1996	BEAR COVE 113-41	1,119,512				1,119,512
1997	BEAR COVE 113-41	1,295,948	300,919			1,596,867
1998	BEAR COVE 113-41	1,079,504	963,601			2,043,105
1999	BEAR COVE 113-41	950,503	922,106			1,872,609
2000	BEAR COVE 113-41	1,148,176	805,180			1,953,356
2001	BEAR COVE 113-41	1,029,276	472,910			1,502,186
2002	BEAR COVE 113-41	1,020,518	909,084			1,929,602
2003	BEAR COVE 113-41	672,134	866,254			1,538,388
2004	BEAR COVE 113-41	978,811	811,666			1,790,477
2005	BEAR COVE 113-41	787,482	703,973			1,491,455
2006	BEAR COVE 113-41	1,100,364	1,002,849			2,103,213
2007	BEAR COVE 113-41	1,147,641	980,631			2,128,272
2008	BEAR COVE 113-41	897,996	939,905			1,837,901
2009	BEAR COVE 113-41	846,548	849,796			1,696,344
2010	BEAR COVE 113-41		2,281,630			2,281,630
2010	BEAR COVE+HALIBUT PT113 (note 1)					-
2010	BEAR COVE 113-41	275,506				275,506
2010	HALIBUT PT 113-40			167,790		167,790
2010	HALIBUT PT 113-40			181,213		181,213
2011	BEAR COVE 113-41	158,003	2,038,149			2,196,152
2011	HALIBUT PT 113-40			406,301		406,301
2012	BEAR COVE 113-41	138,600	1,642,352			1,780,952
2012	HALIBUT PT 113-40			377,549		377,549
2013	BEAR COVE 113-41	152,158	785,553			937,711
2013	HALIBUT PT 113-40			431,295		431,295
2014	BEAR COVE 113-41	883,809	1,107,049			1,990,858
2014	HALIBUT PT 113-40			392,677		392,677
2015	BEAR COVE 113-41	741,309	837,220			1,578,529
2015	CRAWFISH INLET+HALIBUT PT113 (note 1)					-
2015	CRAWFISH INLET 113-33				72,714	72,714
2015	HALIBUT PT 113-40			346,799		346,799
2016	BEAR COVE 113-41	791,345	408,748			1,200,093
2016	HALIBUT PT 113-40			190,639		190,639
2016	CRAWFISH INLET+HALIBUT PT113 (note 1)					-
2016	CRAWFISH INLET 113-33				104,498	104,498
2016	HALIBUT PT 113-40			104,180		104,180
2017	BEAR COVE 113-41	506,295	751,000			1,257,295
2017	CRESCENT BAY 113-41			395,447		395,447
2017	CRAWFISH INLET 113-33				231,408	231,408
2018	BEAR COVE 113-41	1,168,345	623,144			1,791,489
2018	CRAWFISH INLET 113-33				341,842	341,842
2018	CRESCENT BAY 113-41	458,541				458,541
2019	BEAR COVE 113-41	674,168	943,412			1,617,580
2019	CRAWFISH INLET 113-33				224,379	224,379
2019	CRESCENT BAY 113-41	399,607				399,607
2020	BEAR COVE 113-41	839,455	1,156,853			1,996,308
2020	CRAWFISH INLET 113-33				199,158	199,158
2020	CRESCENT BAY 113-41	354,164				354,164
2021	BEAR COVE 113-41	868,538	1,199,079			2,067,617
2021	CRAWFISH INLET 113-33				160,633	160,633
2021	CRESCENT BAY 113-41	298,222				298,222
Grand Total		29,181,603	23,103,984	2,993,890	1,173,999	56,453,476

Note: 1. Shared tag code(s) split at the two sites shown.

Stock Group CHICKAMIN R
Smolt Yearling

Year Brood	Release Site	Group	Grand Total
		MED	
1988	BEAR COVE 113-41	9,681	9,681
1989	BEAR COVE 113-41	337,008	337,008
1990	BEAR COVE 113-41	1,144,688	1,144,688
Grand Total		1,491,377	1,491,377

Stock Group ANDREW CR
Smolt ZERO

Year Brood	Release Site				Grand Total
	BEAR COVE 113-41	DEEP INLET 113-41	CRAWFISH INLET 113-33	SILVER BAY	
1999	205,623				205,623
2000	309,500				309,500
2002	261,633				261,633
2003	709,368				709,368
2004	891,070				891,070
2005	933,874	836,929			1,770,803
2006	1,084,641	1,002,211			2,086,852
2007	873,011	919,043			1,792,054
2008	1,852,661				1,852,661
2009	802,790				802,790
2014	447,918				447,918
2015	329,161		129,250		458,411
2016	356,708		155,854		512,562
2017	342,685		198,924		541,609
2018	571,549		341,842		913,391
2019			427,524	637,868	1,065,392
2020	175,197		570,773		745,970
2021	58,623		319,880		378,503
2022	329,793				329,793
Grand Total	10,535,805	2,758,183	2,144,047	637,868	16,075,903