	Subject:	<b><u>Hidden Falls Coho Data</u></b>
	Source File:	<u>Hidden Falls Coho Data.xls</u>
	Last Update:	<u>April 16, 2010</u> Data current through 2009 releases / returns
	By:	<u>C Blair</u>

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## Hidden Falls Coho Releases & Adult Returns

Table 1. Coho Salmon Release and Survival Data for Hidden Falls Hatchery

Brood Year	Stock	Smolt Released	Size (g)	Release Date	Marine Survival	Adult Return
1988	Deep Cove	62,595	17.2	5/25/90	16.2%	10,153
1989	Sashin Creek	64,155	28.5	5/25/91	29.1%	18,661
1990	Sashin Creek	168,862	21.4	6/2/92	19.6%	33,166
1991	Deep Cove	404,069	19.7,24.7	6/7/93	22.9%	92,400
1992	Sashin Creek	1,651,071	24.1	6/4&6/94	14.2%	233,650
1993	Sashin Creek	1,458,657	18-21	5/31&6/6/95	13.2%	192,045
1994	Deep Cove	1,554,122	18-23	5/30&6/3,6/96	6.3%	98,199
1995	Sashin Creek	1,501,428	15-19	6/2/97	11.8%	177,425
1996	Sashin Creek	1,489,644	22-26	6/3/98	16.9%	251,096
1997	Deep Cove	1,657,809	20-22	6/7/99	10.3%	170,082
1998	Sashin Creek	1,601,595	20.5	5/25&6/2/00	12.2%	195,359
1999	Sashin Creek	1,758,775	22.6	5/29&30/01	23.5%	412,991
2000	Deep Cove	1,954,204	22.1	6/1&5/02	10.3%	201,652
2001	Sashin Creek	2,023,849	21.9	6/2/03	10.2%	206,819
2002	Sashin Creek	2,251,020	18.9	6/1,3,6/04	8.6%	194,657
2003	Deep Cove	2,199,914	20.8	5/26,31,6/6/05	10.3%	226,205
2004	Sashin Creek	2,802,729	18.9	5/19,24,6/8/2006	1.9%	53,703
2005	Sashin Creek	2,487,823	19.0	5/21,22,23,6/8/07	9.8%	243,544
2006	Deep Cove	2,274,731	18.7	5/22,26,30/08	4.8%	109,507
2007	Sashin Creek	2,797,375	18.9	5/17,22,29,30,6/5/09		

Total Smolt Released

Total Adults Returned

Average Marine Survival

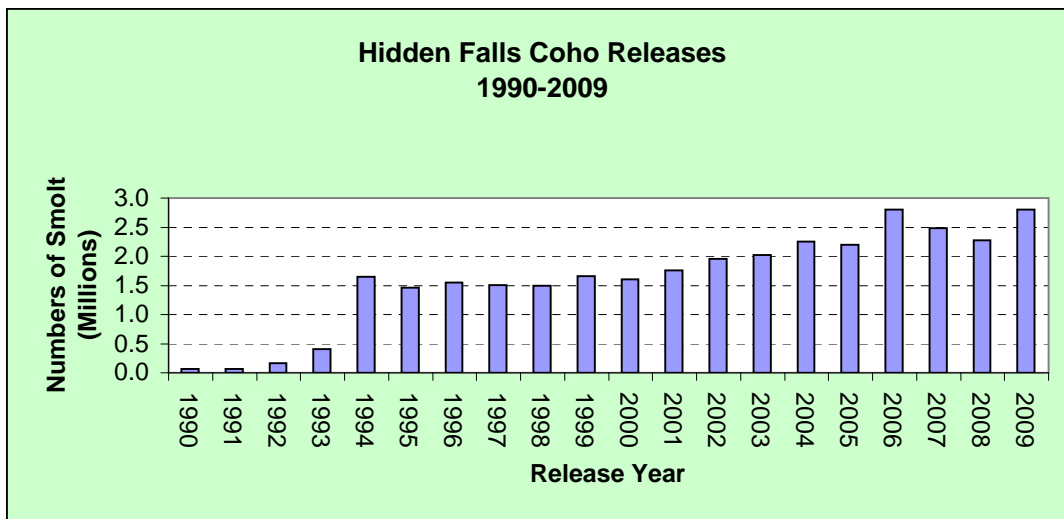
## Hidden Falls Coho Releases

**Table 2. Coho Salmon Release Numbers for Hidden Falls Hatchery**

Brood Year	Release Year	Smolt Released	Release in Millions
1988	1990	62,595	0.06
1989	1991	64,155	0.06
1990	1992	168,862	0.17
1991	1993	404,069	0.40
1992	1994	1,651,071	1.65
1993	1995	1,458,657	1.46
1994	1996	1,554,122	1.55
1995	1997	1,501,428	1.50
1996	1998	1,489,644	1.49
1997	1999	1,657,809	1.66
1998	2000	1,601,595	1.60
1999	2001	1,758,775	1.76
2000	2002	1,954,204	1.95
2001	2003	2,023,849	2.02
2002	2004	2,251,020	2.25
2003	2005	2,199,914	2.20
2004	2006	2,802,729	2.80
2005	2007	2,487,823	2.49
2006	2008	2,274,731	2.27
2007	2009	2,797,375	2.80

TOTAL Smolt

32,164,427

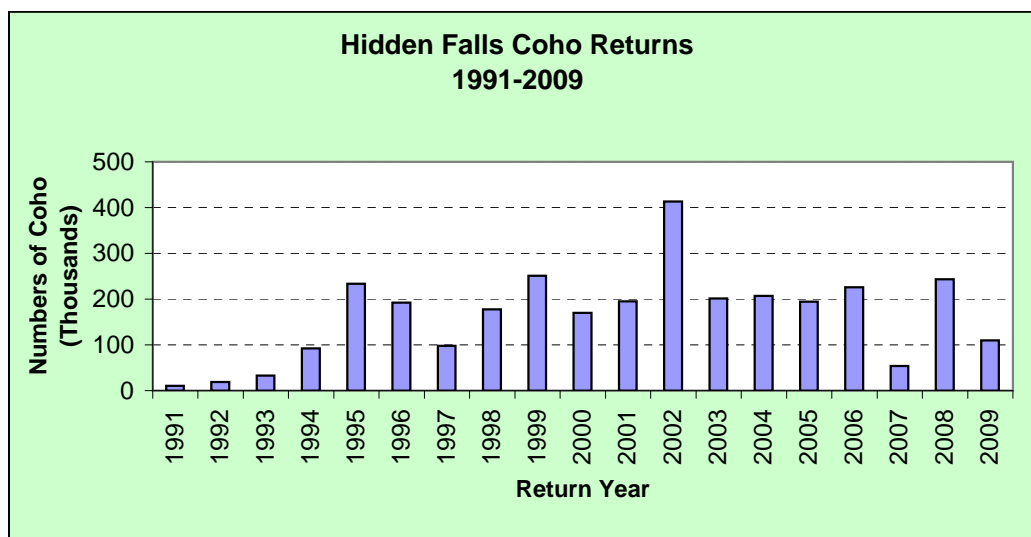


## Hidden Falls Coho Returns

**Table 3. Coho Salmon Return Numbers for Hidden Falls Hatchery**

Brood Year	Return Year	Smolt Released	Adult Return	Return in Thousands	Marine Survival
1988	1991	62,595	10,153	10.2	16%
1989	1992	64,155	18,661	18.7	29%
1990	1993	168,862	33,166	33.2	20%
1991	1994	404,069	92,400	92.4	23%
1992	1995	1,651,071	233,650	233.7	14%
1993	1996	1,458,657	192,045	192.0	13%
1994	1997	1,554,122	98,199	98.2	6%
1995	1998	1,501,428	177,425	177.4	12%
1996	1999	1,489,644	251,096	251.1	17%
1997	2000	1,657,809	170,082	170.1	10%
1998	2001	1,601,595	195,359	195.4	12%
1999	2002	1,758,775	412,991	413.0	23%
2000	2003	1,954,204	201,652	201.7	10%
2001	2004	2,023,849	206,819	206.8	10%
2002	2005	2,251,020	194,657	194.7	9%
2003	2006	2,199,914	226,205	226.2	10%
2004	2007	2,802,729	53,703	53.7	2%
2005	2008	2,487,823	243,544	243.5	10%
2006	2009	2,274,731	109,507	109.5	5%
2007	2010	2,797,375			

Totals	32,164,427	3,121,314	13.3%
5 yr avg	2,403,243	184,986	7.1%
10 yr avg	2,101,245	215,611	10.2%



## Hidden Falls Coho Catch & Rack Data

Table 4. Hidden Falls Coho - Return Utilization

Return Year	Troll	Seine	Gillnet	Sport	CR	Brood Escap Other	Total Return	Release	Marine Survival	% Troll	% Seine	% Commercial	% CPH	% CR
1991	3,632	1,142	109	-	2,574	2,696	10,153	62,595	16.2%	36%	11%	48%	48%	25%
1992	6,057	2,832	161	200	2,802	6,609	18,661	64,155	29.1%	32%	15%	48%	50%	15%
1993	18,712	3,203	256	337	8,137	2,521	33,166	168,862	19.6%	56%	10%	67%	68%	25%
1994	41,750	19,614	376	1,831	17,338	11,491	92,400	404,069	22.9%	45%	21%	67%	69%	19%
1995	67,297	21,863	131	1,500	127,959	14,900	233,650	1,651,071	14.2%	29%	9%	38%	39%	55%
1996	98,661	14,573	158	3,797	65,300	9,556	192,045	1,458,657	13.2%	51%	8%	59%	61%	34%
1997	27,807	15,098	58	5,528	41,903	7,805	98,199	1,554,122	6.3%	28%	15%	44%	49%	43%
1998	64,575	39,138	879	3,750	59,929	9,154	177,425	1,501,428	11.8%	36%	22%	59%	61%	34%
1999	99,696	24,126	330	3,406	111,530	12,008	251,096	1,489,644	16.9%	40%	10%	49%	51%	44%
2000	56,423	8,077	39	3,473	93,350	8,720	170,082	1,657,809	10.3%	33%	5%	38%	40%	55%
2001	69,310	15,053	656	5,594	78,279	26,467	195,359	1,601,595	12.2%	35%	8%	44%	46%	40%
2002	71,991	33,883	1,181	3,470	275,972	26,495	412,992	1,758,775	23.5%	17%	8%	26%	27%	67%
2003	38,847	8,642	195	3,190	135,749	15,029	201,652	1,954,204	10.3%	19%	4%	24%	25%	67%
2004	64,527	36,352	1,182	5,186	87,981	11,591	206,819	2,023,849	10.2%	31%	18%	49%	52%	43%
2005	61,908	20,307	222	6,577	75,195	30,448	194,657	2,251,020	8.6%	32%	10%	42%	46%	39%
2006	70,405	1,204	646	4,637	136,062	13,251	226,205	2,199,914	10.3%	31%	1%	32%	34%	60%
2007	20,005	6,476	-	1,983	11,907	13,332	53,703	2,802,729	1.9%	37%	12%	49%	53%	22%
2008	100,389	2,200	103	4,058	126,265	10,529	243,544	2,487,823	9.8%	41%	1%	42%	44%	52%
2009	35,831	3,371	527	2,778	56,003	10,997	109,507	2,274,731	4.8%	33%	3%	36%	39%	51%

Average	Years	Troll	Seine	Gillnet	Sport	CR	Brood Escap Other	Total Return	Release	Marine Survival	% Troll	% Seine	% Commercial	% CPH	% CR
All	1992-2009	53,570	14,587	379	3,226	79,697	12,821	164,280	1,545,634	13.3%	35.0%	10.0%	45.4%	47.4%	41.5%
>1 M smolt	1995-2009	63,178	16,691	420	3,928	98,892	14,685	197,796	1,911,158	10.9%	33.0%	8.9%	42.1%	44.4%	47.0%
10 year	1999-2009	58,964	13,557	475	4,095	107,676	16,686	201,452	2,101,245	11.4%	31.8%	7.6%	39.6%	41.8%	48.9%
5 year	2004-2009	57,708	6,712	300	4,007	81,086	15,711	165,523	2,403,243	8.2%	34.5%	8.3%	43.0%	45.7%	43.1%

TOTALS	ALL	1,017,823	277,154	7,209	61,295	1,514,235	243,599	3,121,315	29,367,052						
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CR = Cost Recovery  
 Brood = Broodstock  
 Escap = Escapement  
 CPH = Common Property Harvest (Commercial plus Sport)