

Data Status for 2009 Mark Meeting

Presented by Dan Webb

Regional Mark Processing Center

Pacific States Marine Fisheries Commission



Outline

- Data Status for:
 - Locations
 - Releases (Includes Marking and Tagging Trends)
 - Recoveries (Includes Reporting Trends)
 - Catch/Sample
 - Catch & Effort
- Data Description Concerns?
- Data Reporting & Validation Concerns?
- Updates to RMPC Publication Page

Locations

You are here: [Home](#) ▶ [News & Data Status](#) ▶ Dataset Load Dates

Load Dates of Location Data

Click on Cells for Additional Information

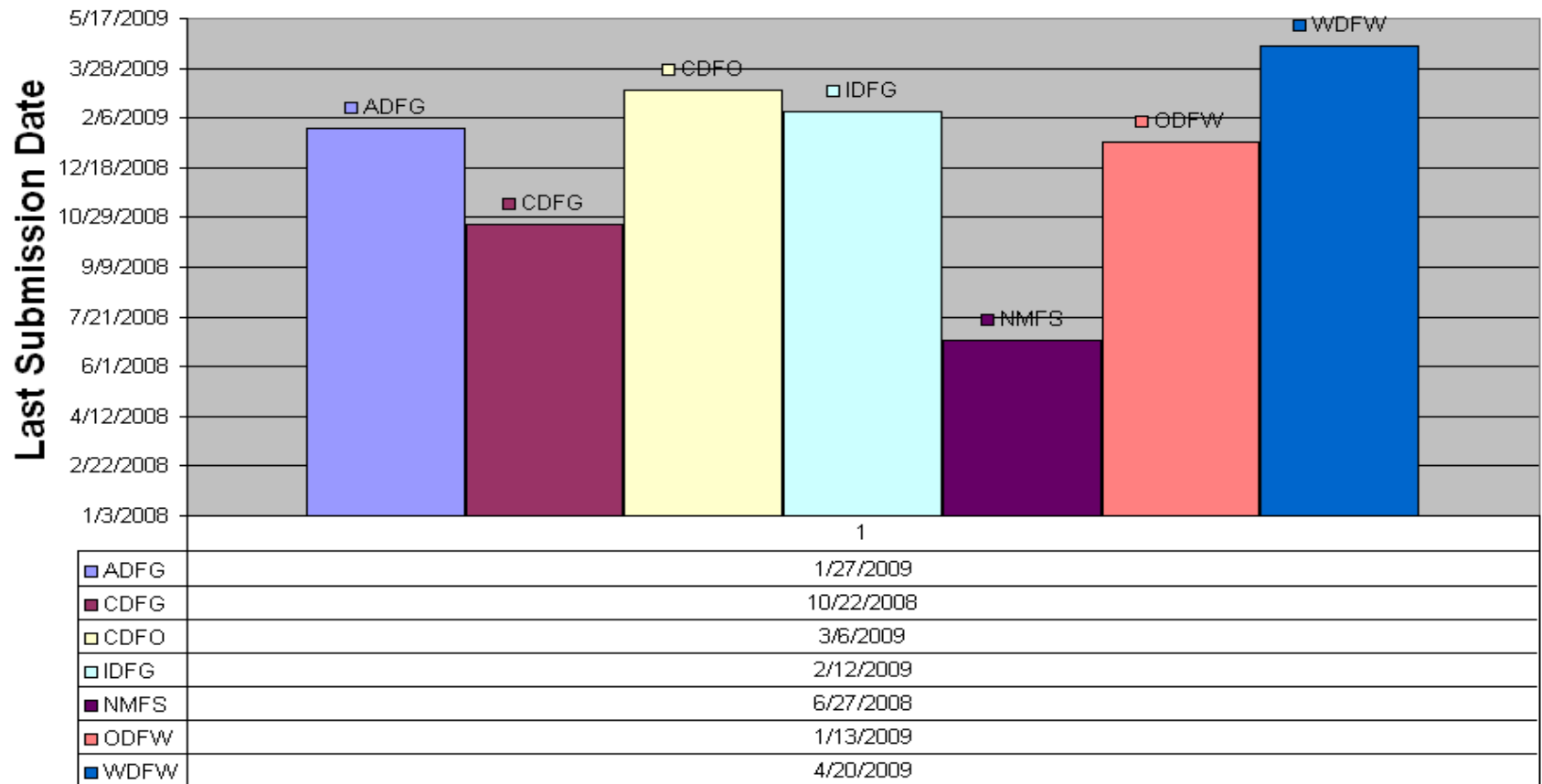
From CWT Database Load Logs
By Reporting Agency as of Thu May 7 09:41:41 2009

Process status:	Explanation:
 = Partially validated	 Help
 = Fully validated/not yet available	
 = Fully validated and available	

ADFG	CDFG	CDFO	IDFG	NMFS	ODFW	WDFW
2009/01/27	2008/10/22	2009/03/06	2009/02/12	2008/06/27	2009/01/13	2009/04/20

Location Load Dates

Agency



Releases




You are here: [Home](#) ▶ [News & Data Status](#) ▶ Dataset Load Dates

Load Dates of Release Data

Click on Cells for Additional Information

From CWT Database Load Logs
By Reporting Agency as of Thu May 7 09:45:35 2009

Process status:

-  = Partially validated
-  = Fully validated/not yet available
-  = Fully validated and available

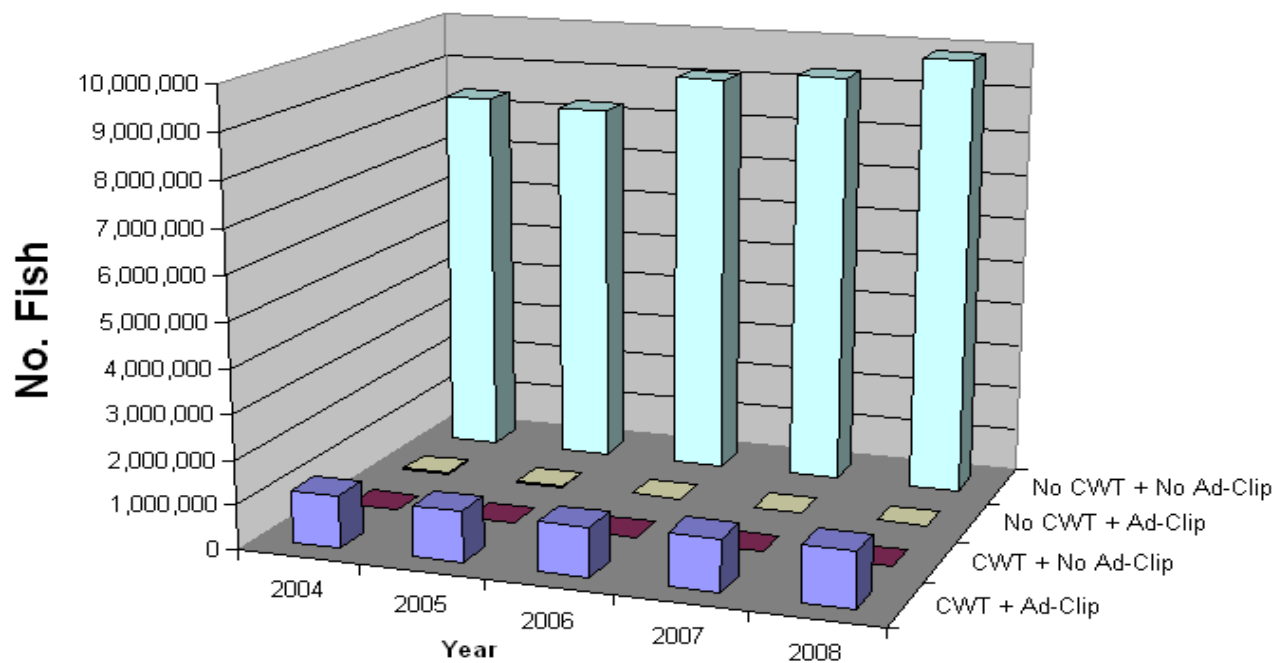
Explanation:



ADFG	CDFG	CDFO	CRFC	FWS	IDFG	NIFC	NMFS	ODFW	WDFW
2009/01/27	2009/02/27	2009/02/09	2008/02/08	2009/03/19	2009/02/12	2009/04/22	2008/06/27	2009/03/27	2009/04/30

ADFG Releases

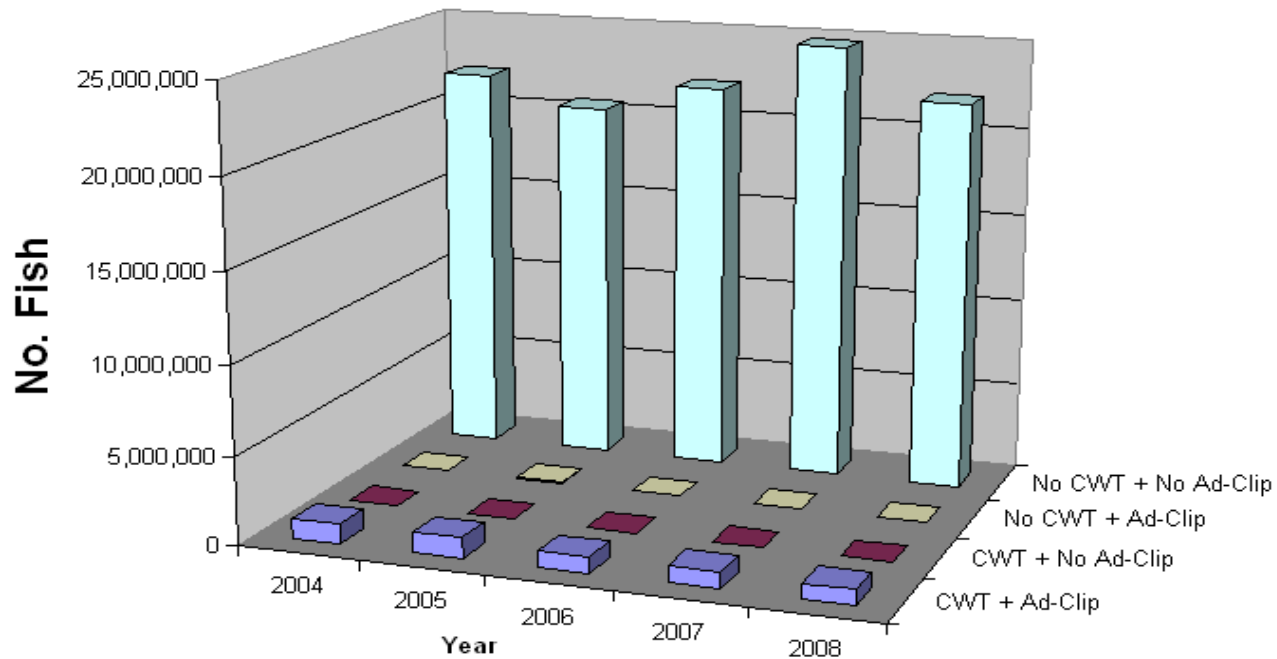
Chinook



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	1,158,680	1,141,562	1,100,550	1,174,678	1,248,853
■ CWT + No Ad-Clip	0	0	0	0	0
■ No CWT + Ad-Clip	33,538	23,554	27,511	15,325	28,005
■ No CWT + No Ad-Clip	8,353,530	8,239,804	9,108,853	9,304,574	9,840,410

ADFG Releases

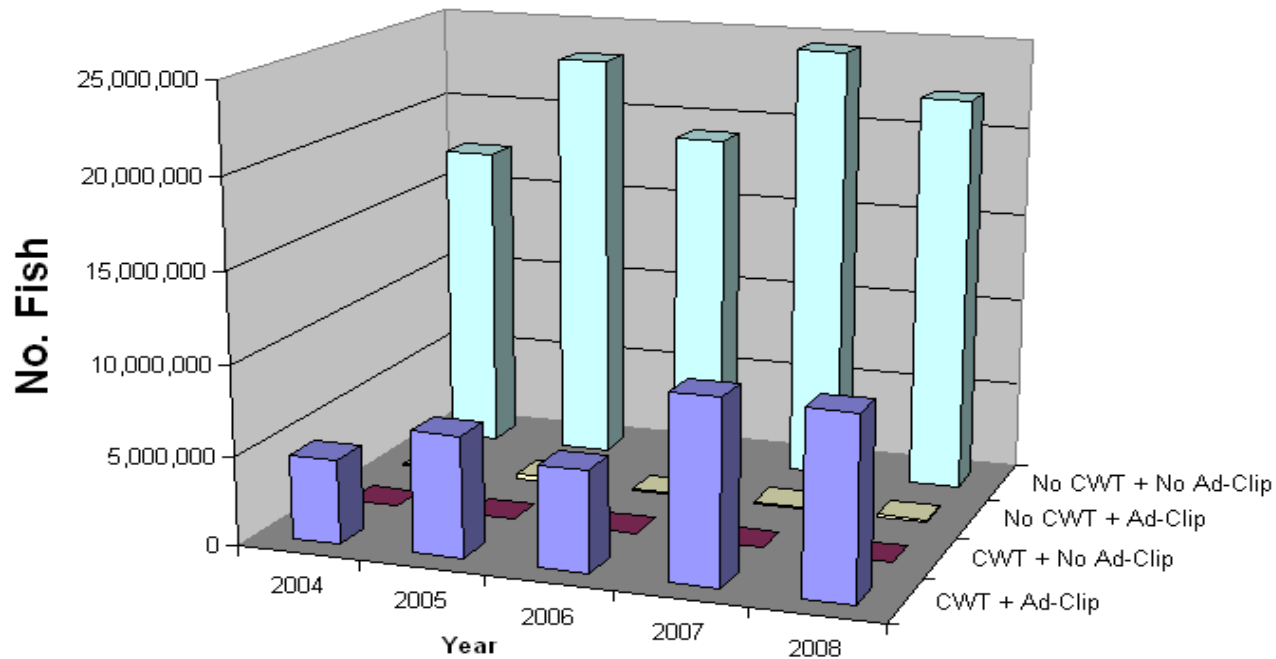
Coho



	2004	2005	2006	2007	2008
CWT + Ad-Clip	1,114,923	1,151,119	915,307	952,008	842,718
CWT + No Ad-Clip	0	0	0	0	0
No CWT + Ad-Clip	25,677	35,921	29,676	22,315	26,983
No CWT + No Ad-Clip	22,043,587	20,498,367	22,020,318	24,723,561	21,992,182

CDFG Releases

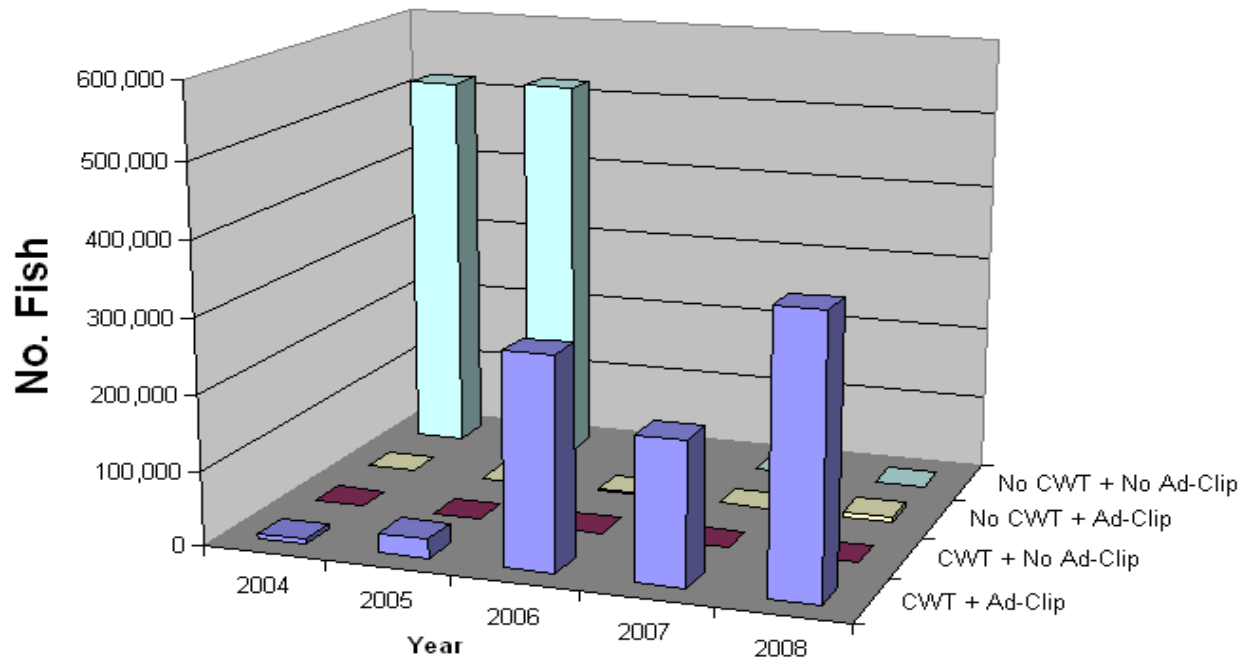
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	4,688,758	6,727,651	5,583,865	10,179,361	10,059,198
CWT + No Ad-Clip	0	0	325	0	4,203
No CWT + Ad-Clip	162,538	214,019	116,890	142,725	159,034
No CWT + No Ad-Clip	17,412,700	23,204,544	19,088,445	24,444,447	22,149,430

CDFG Releases

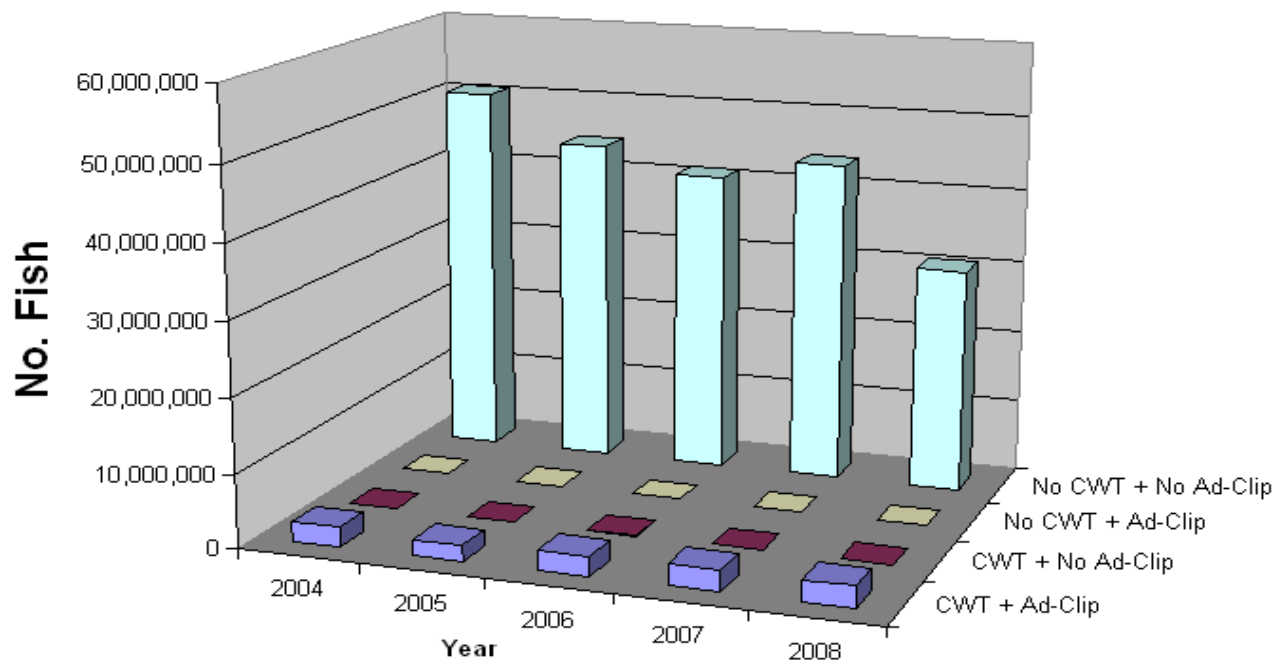
Coho



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	6,160	25,803	281,021	190,737	366,579
■ CWT + No Ad-Clip	0	0	0	0	0
■ No CWT + Ad-Clip	0	255	2,492	1,472	7,277
■ No CWT + No Ad-Clip	517,335	520,888	0	0	0

CDFO Releases

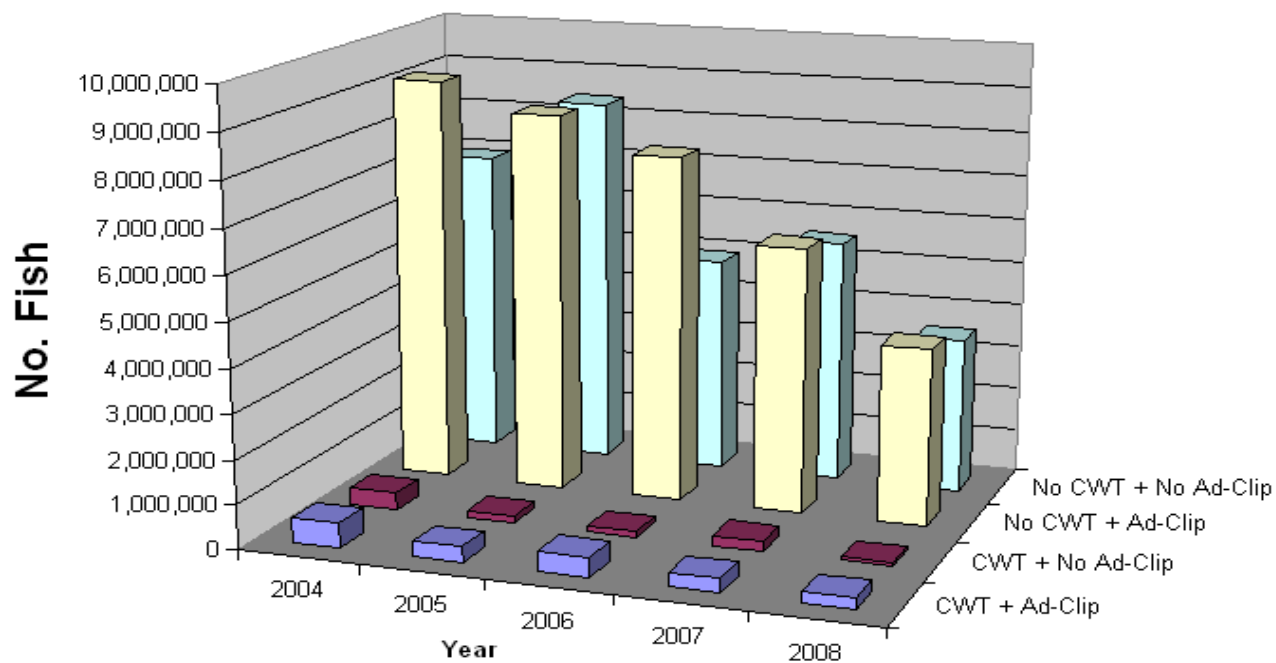
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	2,673,763	2,151,798	2,666,731	2,942,536	2,884,802
CWT + No Ad-Clip	51,804	100,557	118,042	96,305	99,632
No CWT + Ad-Clip	23,788	18,738	44,574	22,552	24,302
No CWT + No Ad-Clip	50,617,900	44,345,592	40,994,834	43,821,655	30,475,504

CDFO Releases

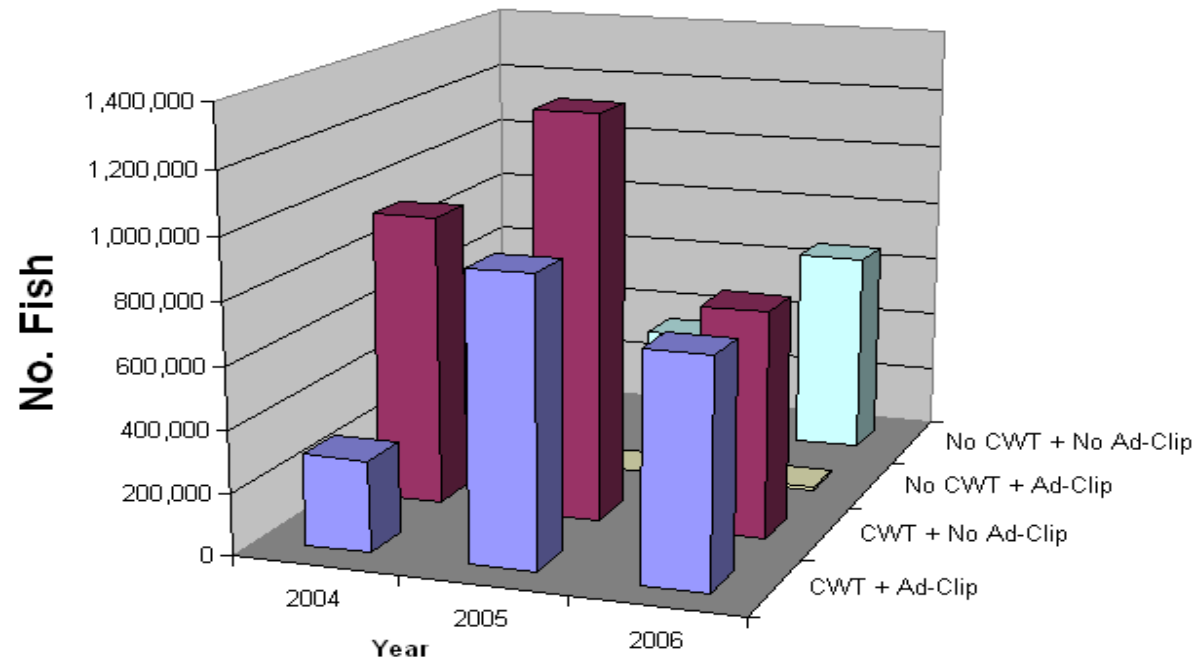
Coho



	2004	2005	2006	2007	2008
CWT + Ad-Clip	564,699	347,545	445,203	324,222	255,079
CWT + No Ad-Clip	386,717	162,525	121,628	231,817	74,230
No CWT + Ad-Clip	9,178,267	8,576,992	7,827,193	6,019,285	4,011,333
No CWT + No Ad-Clip	6,937,019	8,391,365	4,896,305	5,524,091	3,524,101

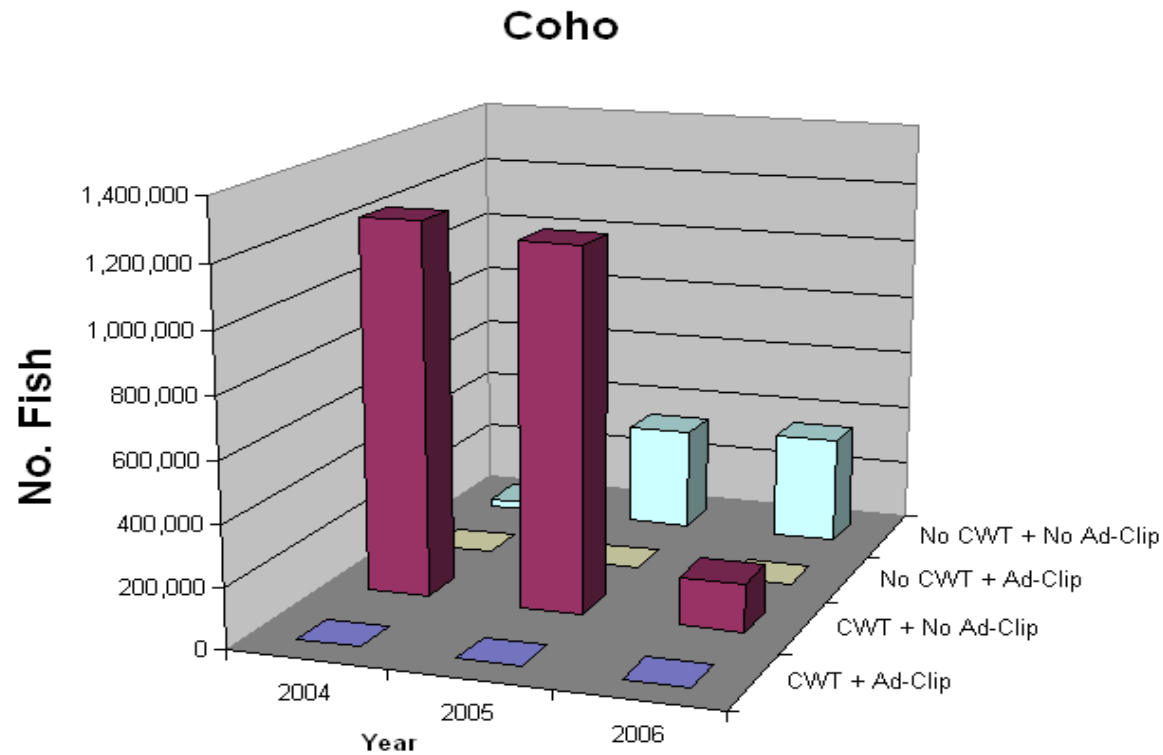
CRFC Releases

Chinook



	2004	2005	2006
CWT + Ad-Clip	294,090	921,021	725,154
CWT + No Ad-Clip	942,252	1,305,382	729,461
No CWT + Ad-Clip	4,179	1,982	7,696
No CWT + No Ad-Clip	2,823	343,909	661,648

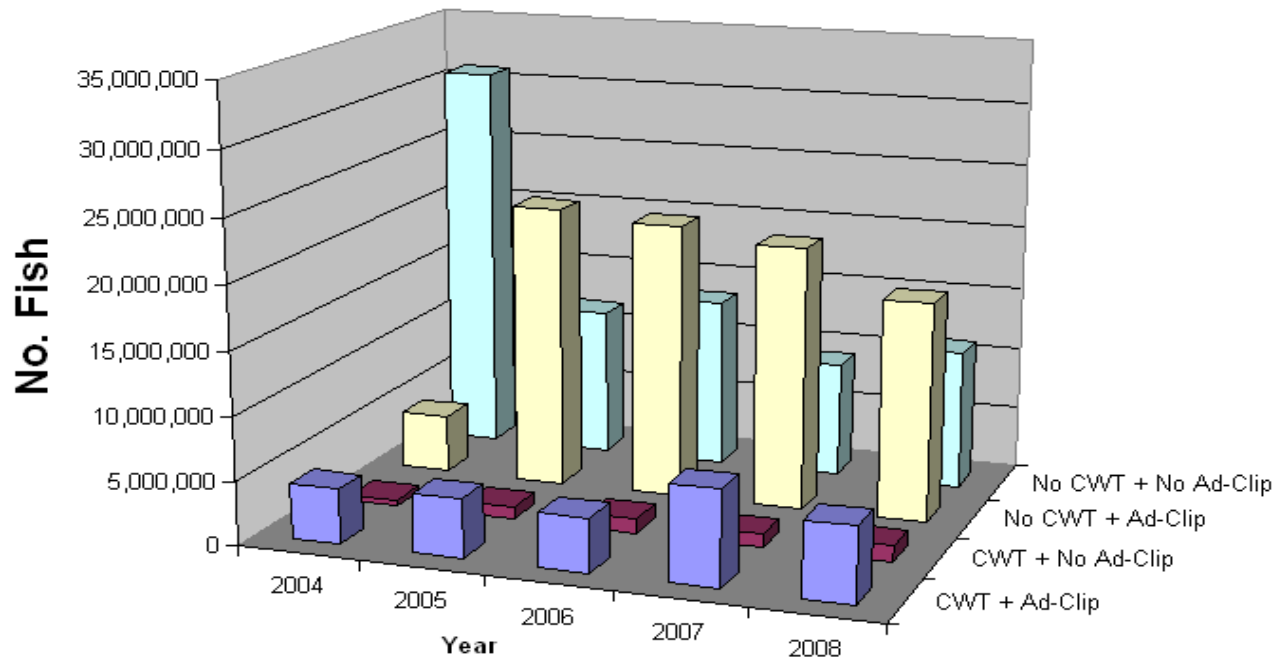
CRFC Releases



	2004	2005	2006
CWT + Ad-Clip	0	0	0
CWT + No Ad-Clip	1,231,683	1,189,476	159,364
No CWT + Ad-Clip	0	0	0
No CWT + No Ad-Clip	25,941	340,036	355,209

FWS Releases

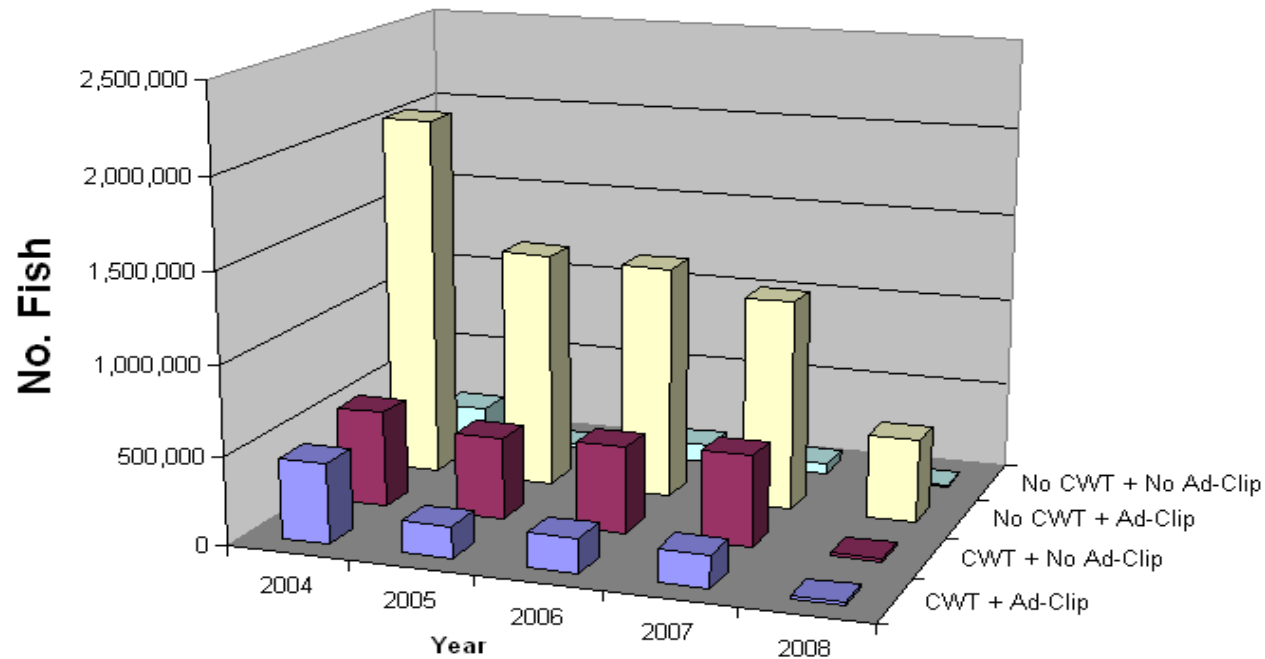
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	4,289,320	4,653,078	4,231,860	7,500,740	5,888,370
CWT + No Ad-Clip	474,615	998,525	1,135,095	1,039,331	1,285,214
No CWT + Ad-Clip	4,595,490	22,314,111	21,699,296	20,729,161	17,265,235
No CWT + No Ad-Clip	30,908,231	11,750,365	13,353,579	9,080,064	11,000,571

FWS Releases

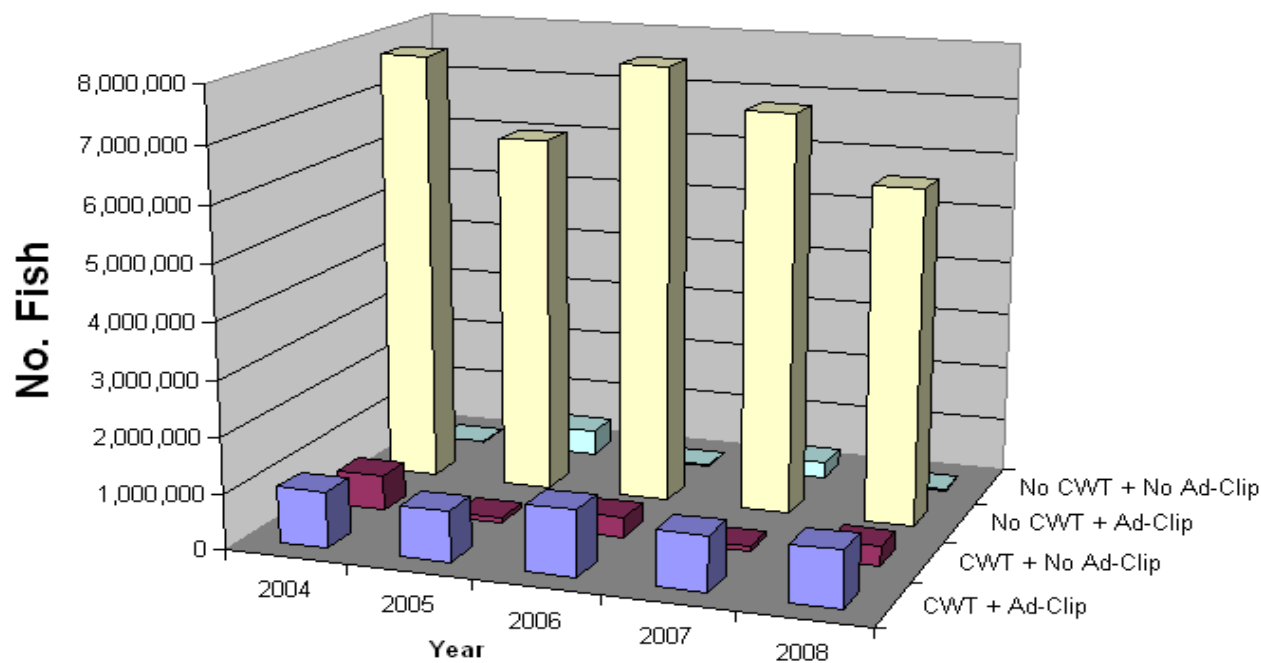
Coho



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	451,236	178,097	191,674	185,178	17,825
■ CWT + No Ad-Clip	541,572	460,172	486,664	509,979	18,733
■ No CWT + Ad-Clip	2,052,194	1,332,241	1,310,520	1,184,290	468,444
■ No CWT + No Ad-Clip	185,739	14,787	100,528	58,877	6,340

IDFG Releases

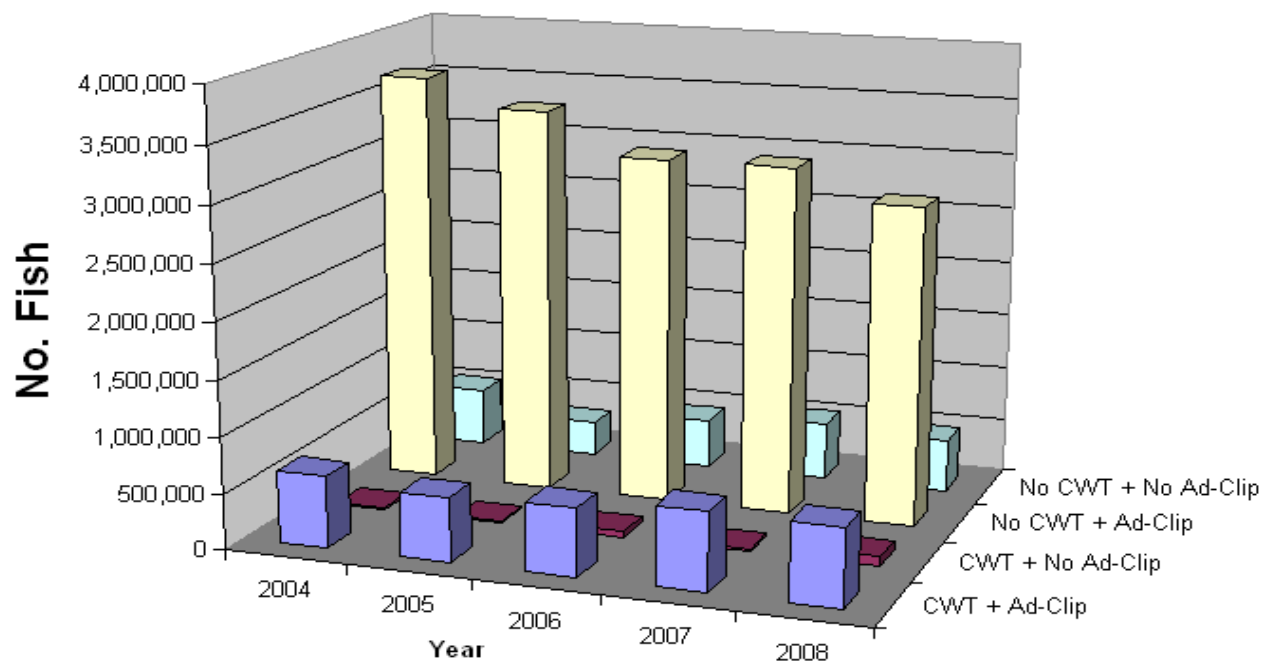
Chinook



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	1,000,246	910,658	1,181,727	983,467	1,012,546
■ CWT + No Ad-Clip	633,068	102,074	361,802	87,219	354,954
■ No CWT + Ad-Clip	7,807,315	6,417,481	7,855,557	7,164,784	6,025,268
■ No CWT + No Ad-Clip	19,579	439,453	11,190	306,724	10,983

IDFG Releases

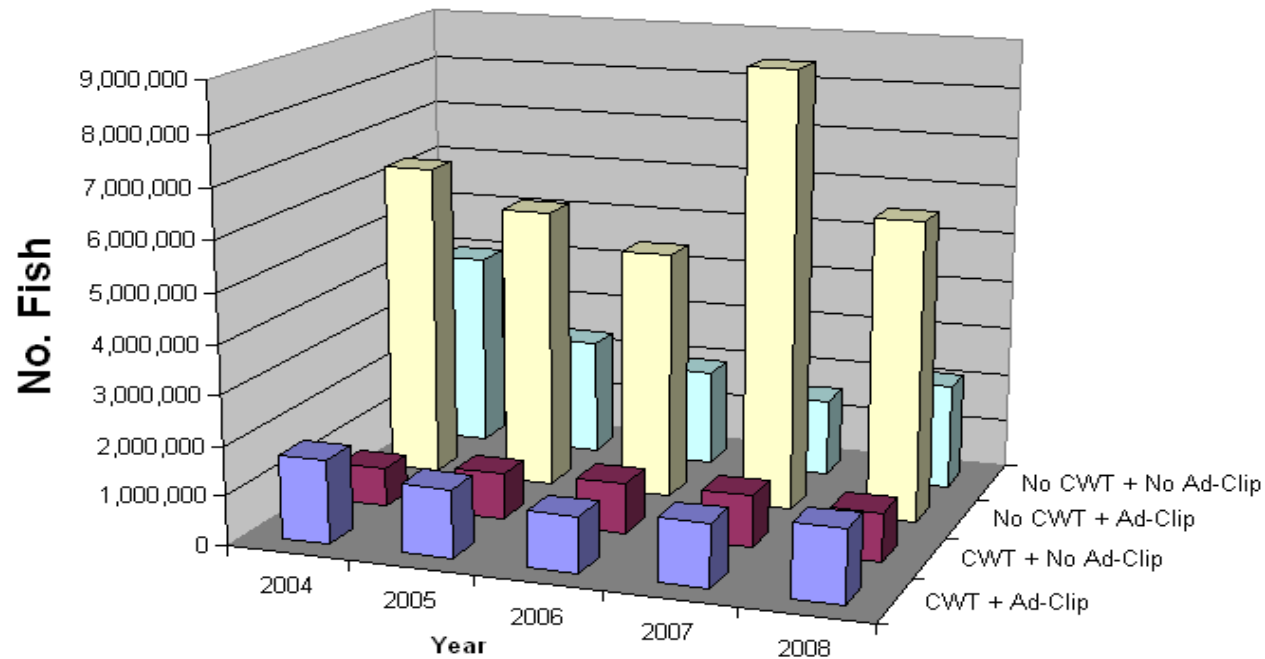
Steelhead



	2004	2005	2006	2007	2008
CWT + Ad-Clip	640,907	574,428	611,099	702,360	698,325
CWT + No Ad-Clip	21,449	19,940	47,869	20,660	87,535
No CWT + Ad-Clip	3,707,640	3,466,721	3,112,761	3,115,413	2,848,986
No CWT + No Ad-Clip	521,122	308,217	441,318	519,346	472,987

NIFC Releases

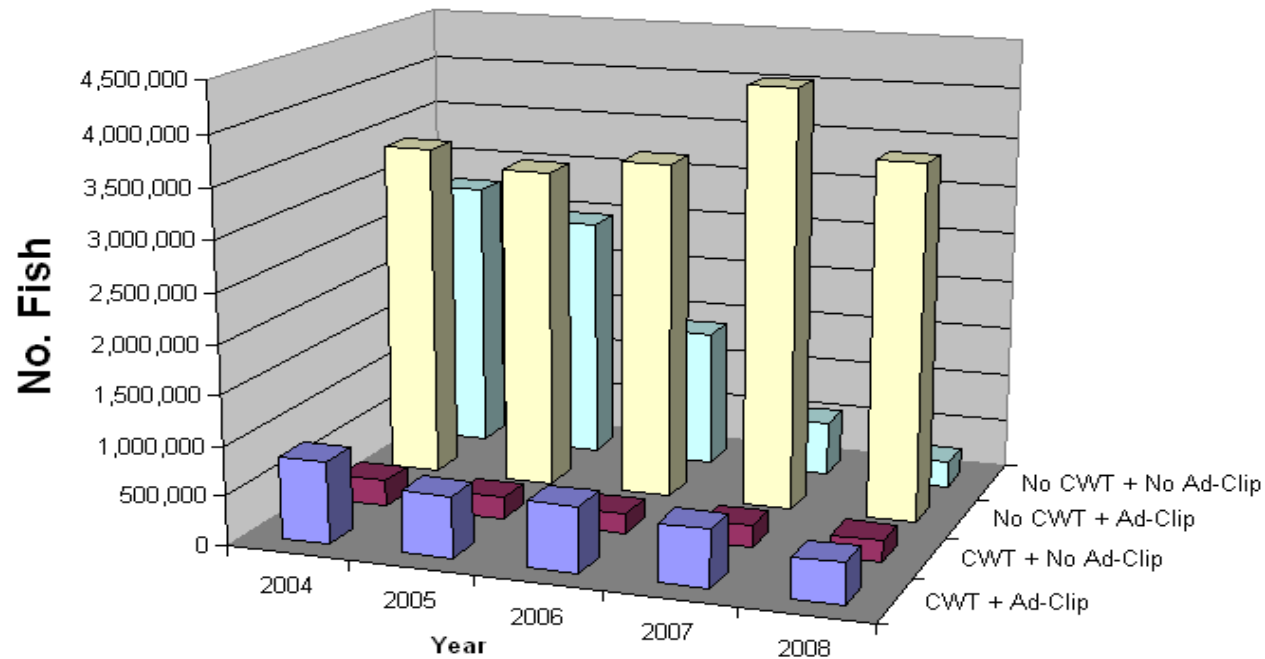
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	1,686,797	1,367,450	1,126,789	1,276,019	1,461,829
CWT + No Ad-Clip	775,554	933,055	1,007,650	1,054,360	976,886
No CWT + Ad-Clip	6,395,331	5,676,326	5,012,886	8,840,970	6,048,243
No CWT + No Ad-Clip	3,990,112	2,344,866	1,943,444	1,573,941	2,124,546

NIFC Releases

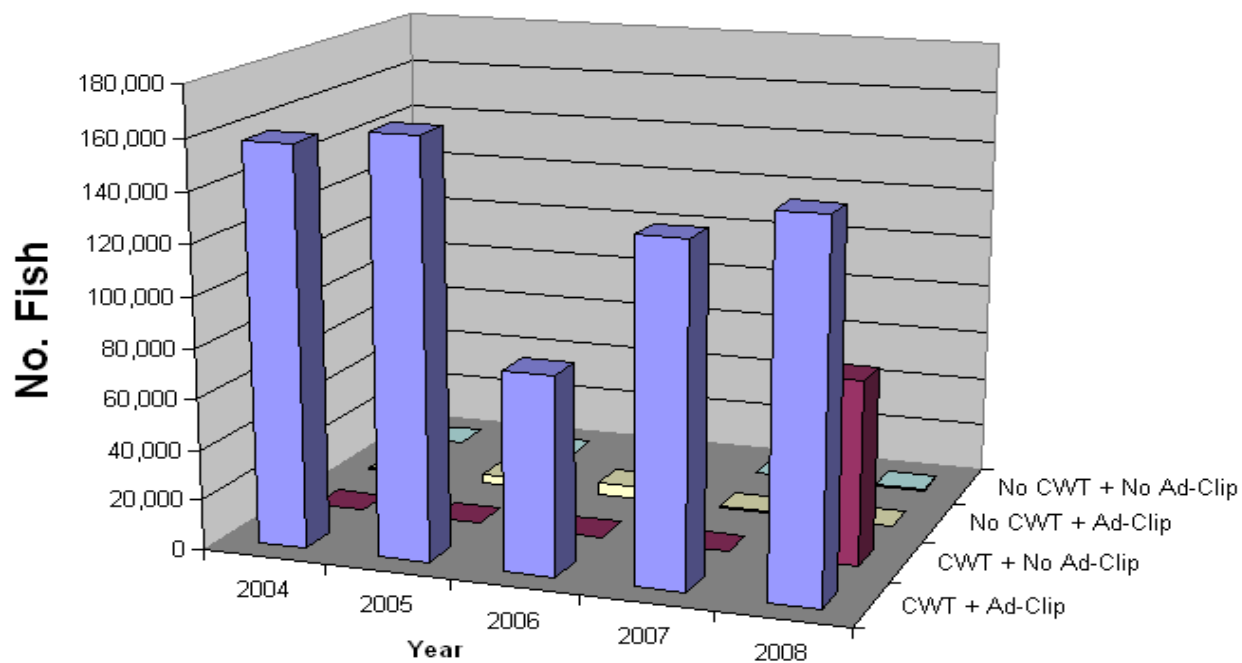
Coho



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	828,153	619,006	657,842	578,868	407,920
■ CWT + No Ad-Clip	263,722	224,834	196,641	217,212	216,712
■ No CWT + Ad-Clip	3,404,557	3,253,441	3,418,212	4,242,948	3,594,899
■ No CWT + No Ad-Clip	2,749,849	2,464,703	1,385,574	546,985	270,033

NMFS Releases

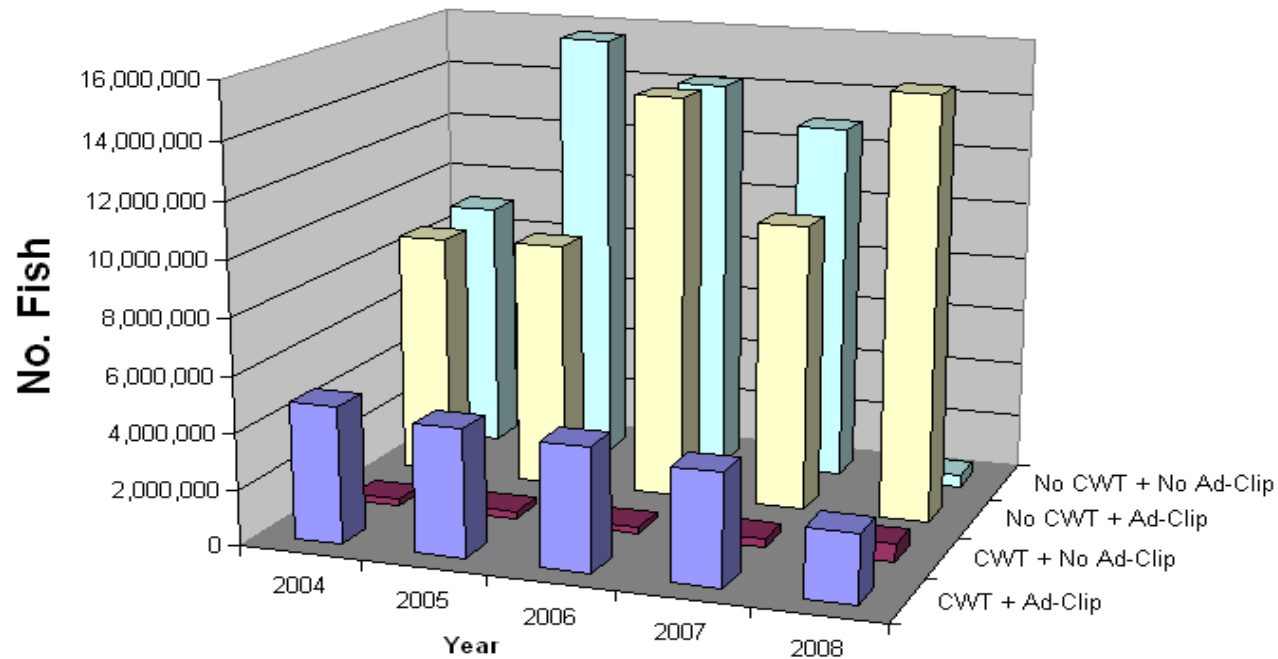
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	157,675	163,823	78,332	133,165	145,428
CWT + No Ad-Clip	0	0	0	0	72,975
No CWT + Ad-Clip	590	3,007	4,921	657	236
No CWT + No Ad-Clip	0	0	0	0	97

ODFW Releases

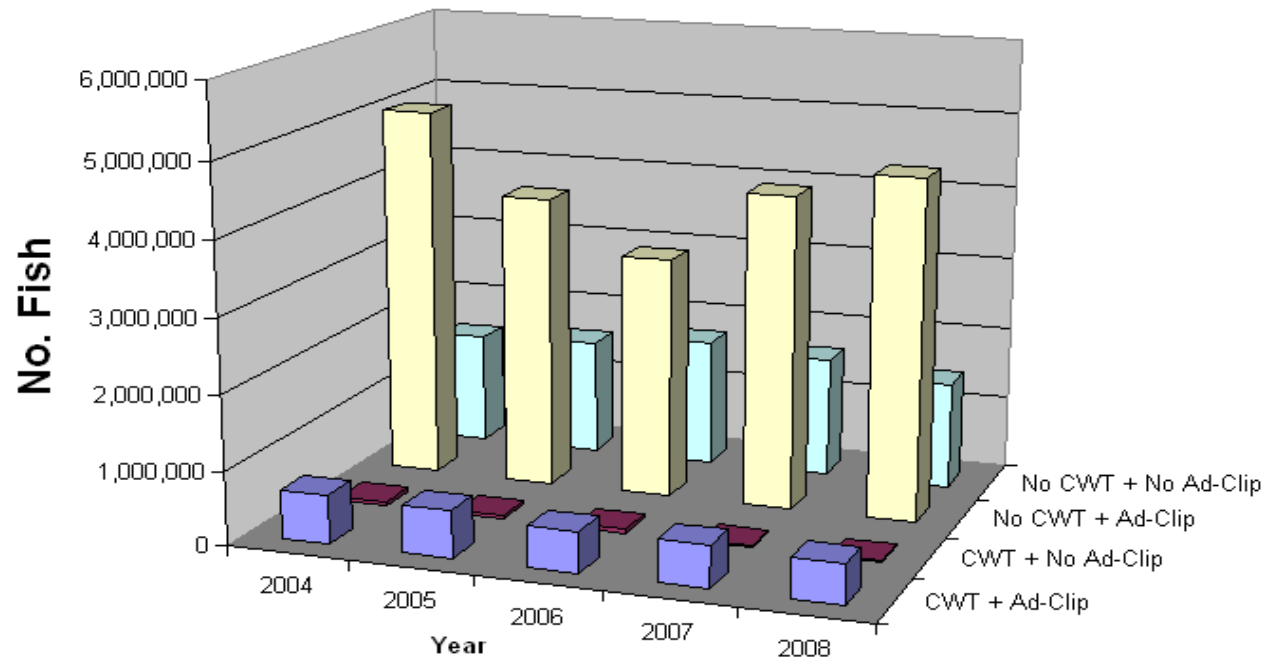
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	4,900,316	4,565,558	4,381,690	4,020,364	2,458,990
CWT + No Ad-Clip	247,805	287,275	199,063	300,730	626,604
No CWT + Ad-Clip	8,771,834	8,860,064	14,484,976	10,263,771	15,119,290
No CWT + No Ad-Clip	9,030,615	15,623,277	14,210,912	12,901,893	441,566

ODFW Releases

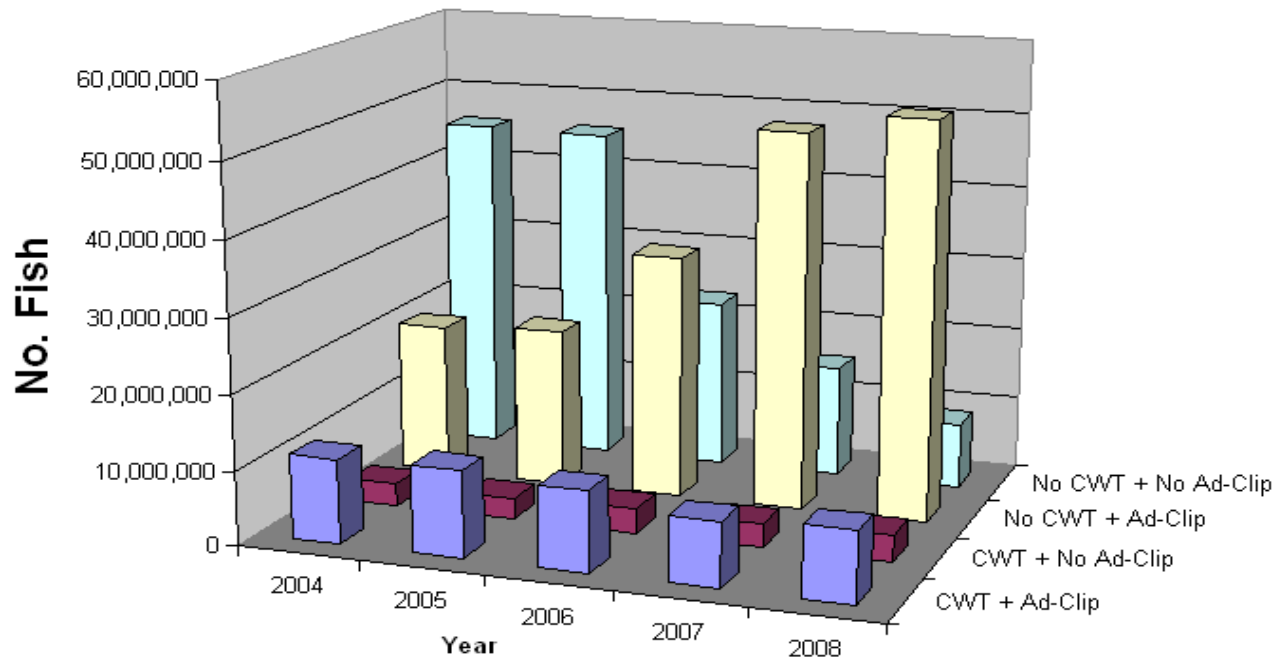
Coho



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	649,518	633,123	552,277	569,884	528,704
■ CWT + No Ad-Clip	55,301	55,155	51,868	26,774	27,668
■ No CWT + Ad-Clip	5,030,799	3,973,826	3,268,342	4,253,775	4,610,291
■ No CWT + No Ad-Clip	1,514,428	1,571,521	1,727,524	1,625,559	1,449,973

WDFW Releases

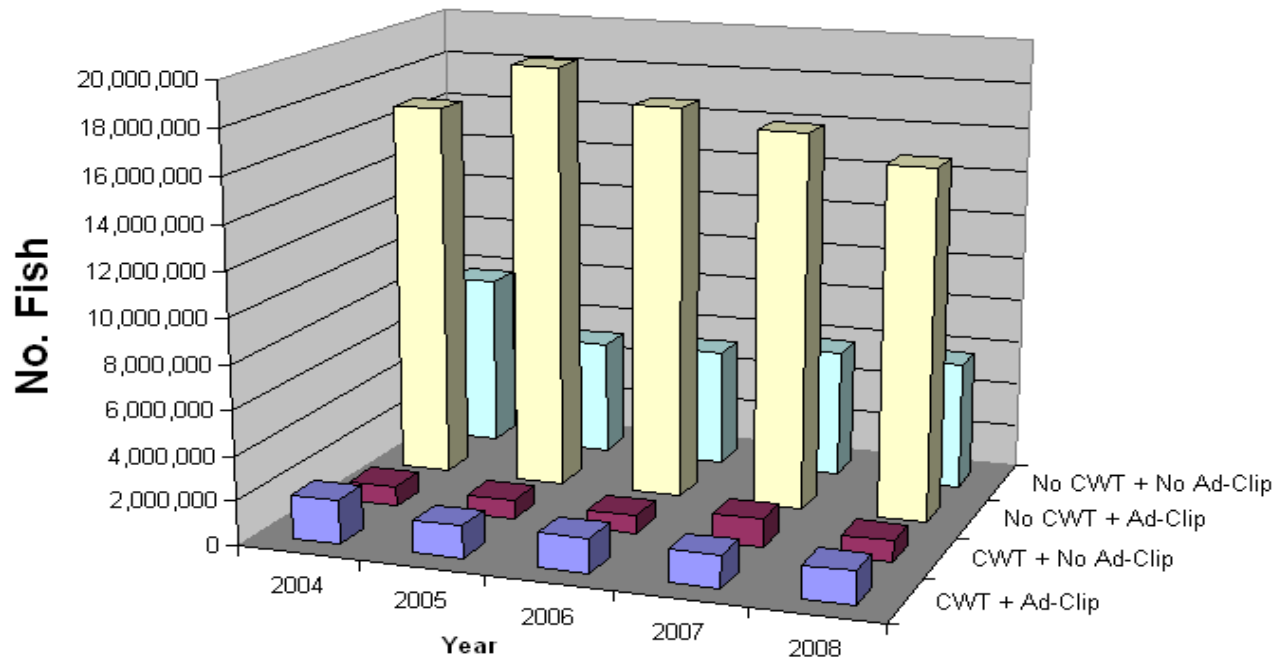
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	11,317,093	11,582,935	10,832,469	8,675,575	9,528,425
CWT + No Ad-Clip	3,001,265	2,887,827	3,340,120	3,172,960	3,590,659
No CWT + Ad-Clip	20,561,698	21,413,765	33,016,787	50,754,417	53,452,635
No CWT + No Ad-Clip	45,649,250	45,345,978	22,799,367	15,120,575	8,786,303

WDFW Releases

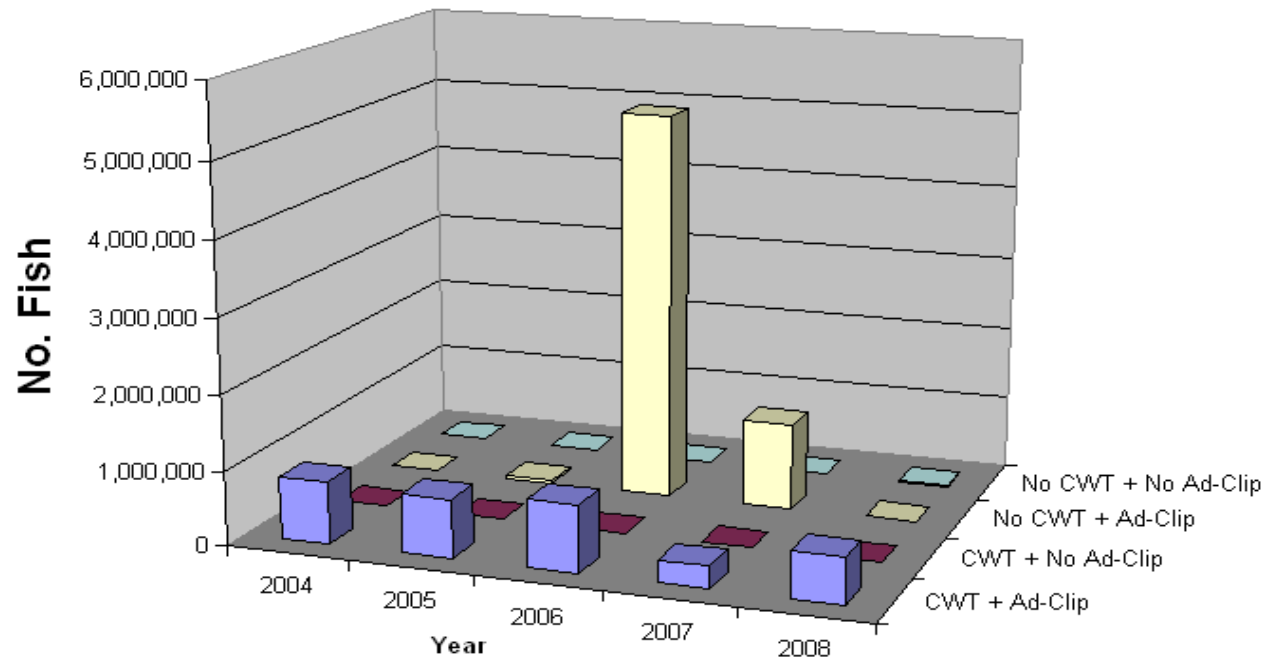
Coho



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	1,968,822	1,445,397	1,538,878	1,448,557	1,455,804
■ CWT + No Ad-Clip	905,209	883,703	804,191	1,289,596	935,887
■ No CWT + Ad-Clip	16,986,839	19,141,030	17,649,448	16,888,213	15,793,163
■ No CWT + No Ad-Clip	7,782,125	5,180,122	5,269,958	5,784,707	5,756,141

YAKA Releases

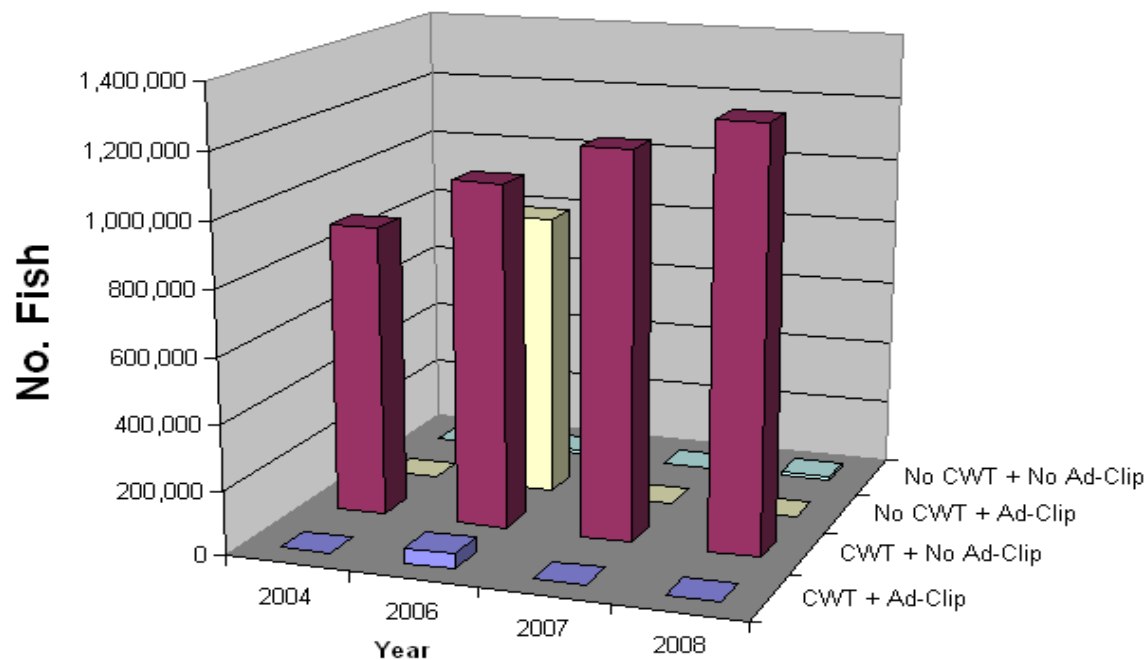
Chinook



	2004	2005	2006	2007	2008
CWT + Ad-Clip	830,676	783,302	902,249	300,701	623,017
CWT + No Ad-Clip	0	0	0	0	0
No CWT + Ad-Clip	5,331	39,050	5,196,217	1,176,748	17,043
No CWT + No Ad-Clip	897	2,340	2,748	4,369	2,735

YAKA Releases

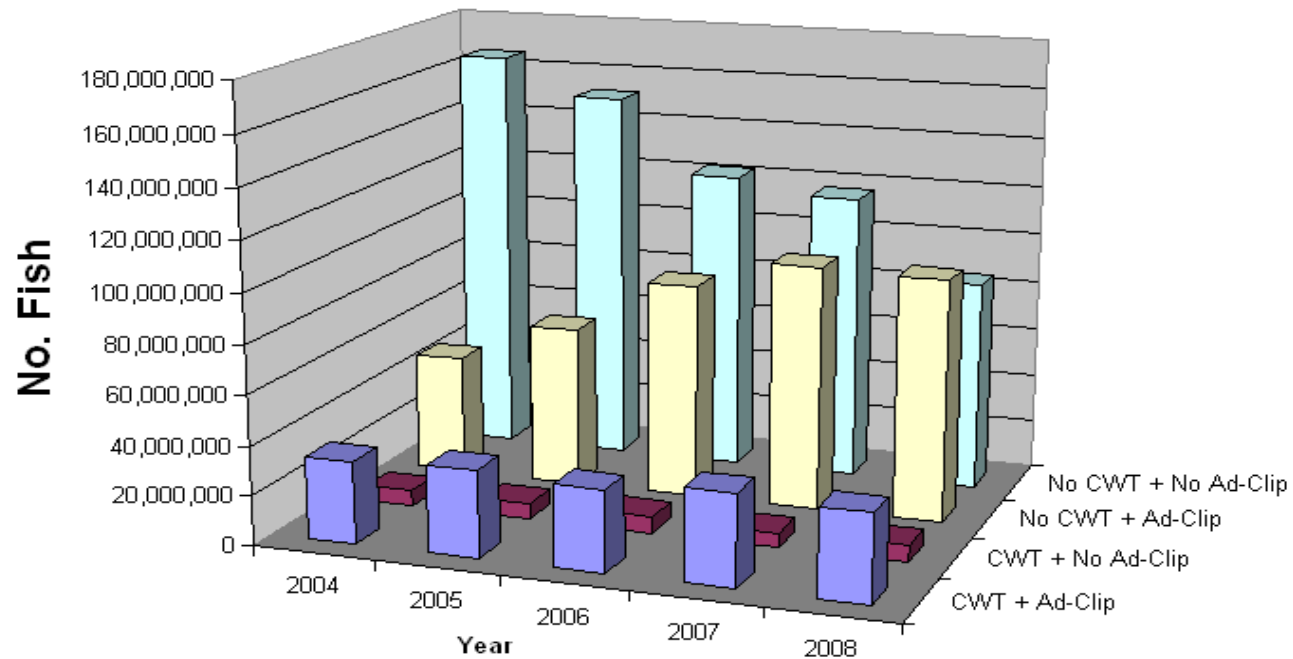
Coho



	2004	2006	2007	2008
■ CWT + Ad-Clip	900	46,126	0	0
■ CWT + No Ad-Clip	897,265	1,058,914	1,184,500	1,285,616
■ No CWT + Ad-Clip	0	876,394	0	0
■ No CWT + No Ad-Clip	0	11,625	0	13,100

All Releases

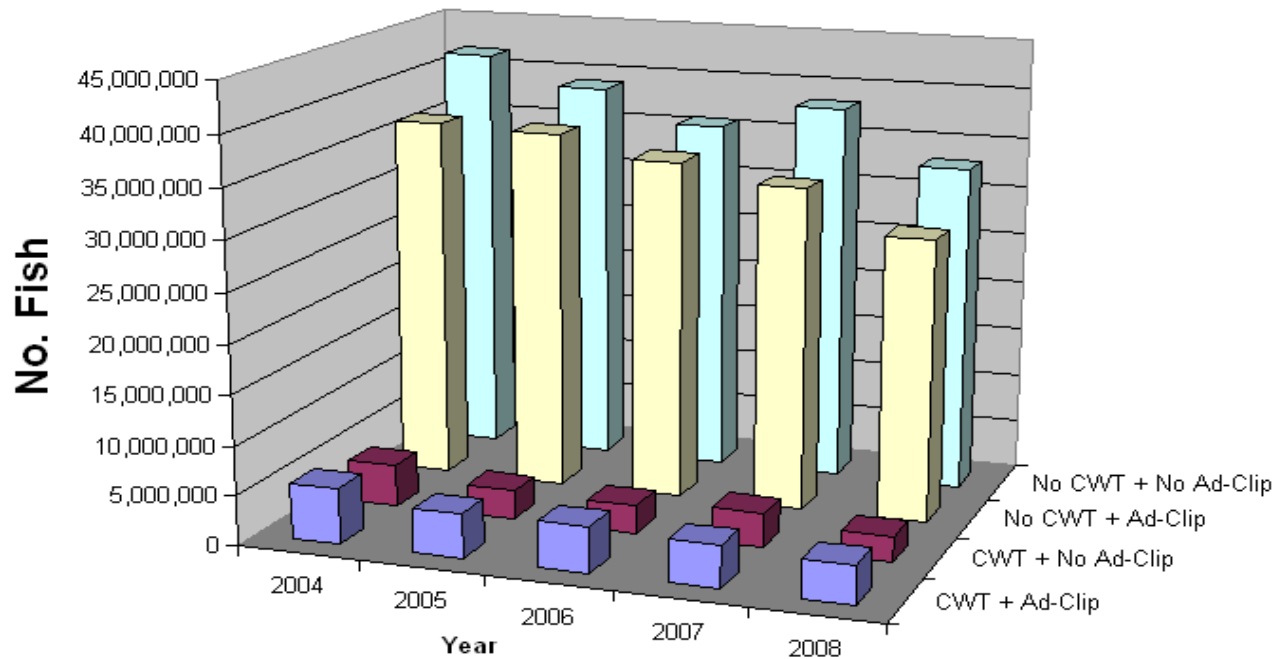
Chinook



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	32,997,414	35,019,686	32,811,416	37,186,606	35,311,458
■ CWT + No Ad-Clip	6,126,363	6,614,695	6,891,558	5,750,905	7,011,127
■ No CWT + Ad-Clip	48,361,632	64,982,296	87,467,311	99,111,110	98,139,291
■ No CWT + No Ad-Clip	165,985,637	151,640,128	122,175,020	116,558,242	84,832,145

All Releases

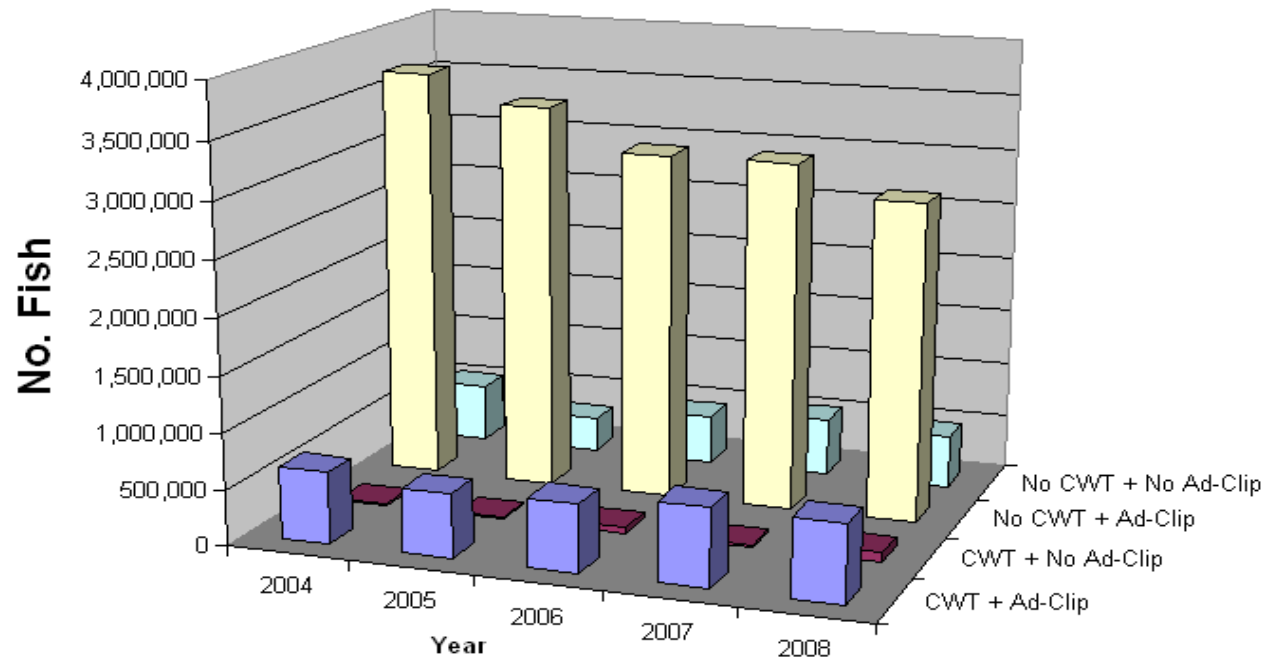
Coho



	2004	2005	2006	2007	2008
■ CWT + Ad-Clip	5,584,411	4,400,090	4,628,328	4,249,454	3,874,629
■ CWT + No Ad-Clip	4,281,469	2,975,865	2,879,270	3,459,878	2,558,846
■ No CWT + Ad-Clip	36,678,333	36,313,706	34,382,277	32,612,298	28,512,390
■ No CWT + No Ad-Clip	41,756,023	38,981,789	35,767,041	38,263,780	33,011,870

All Releases

Steelhead



	2004	2005	2006	2007	2008
CWT + Ad-Clip	640,907	574,428	611,099	702,360	698,325
CWT + No Ad-Clip	21,449	19,940	47,869	20,660	87,535
No CWT + Ad-Clip	3,707,640	3,466,721	3,112,761	3,115,413	2,848,986
No CWT + No Ad-Clip	521,122	308,217	441,318	519,346	472,987

Recovery

You are here: [Home](#) ▶ [News & Data Status](#) ▶ Dataset Load Dates

Load Dates of Recovery Data

Click on Cells for Additional Information

From CWT Database Load Logs
By Run Year and Reporting Agency as of Thu May 7 09:47:34 2009

Process status:

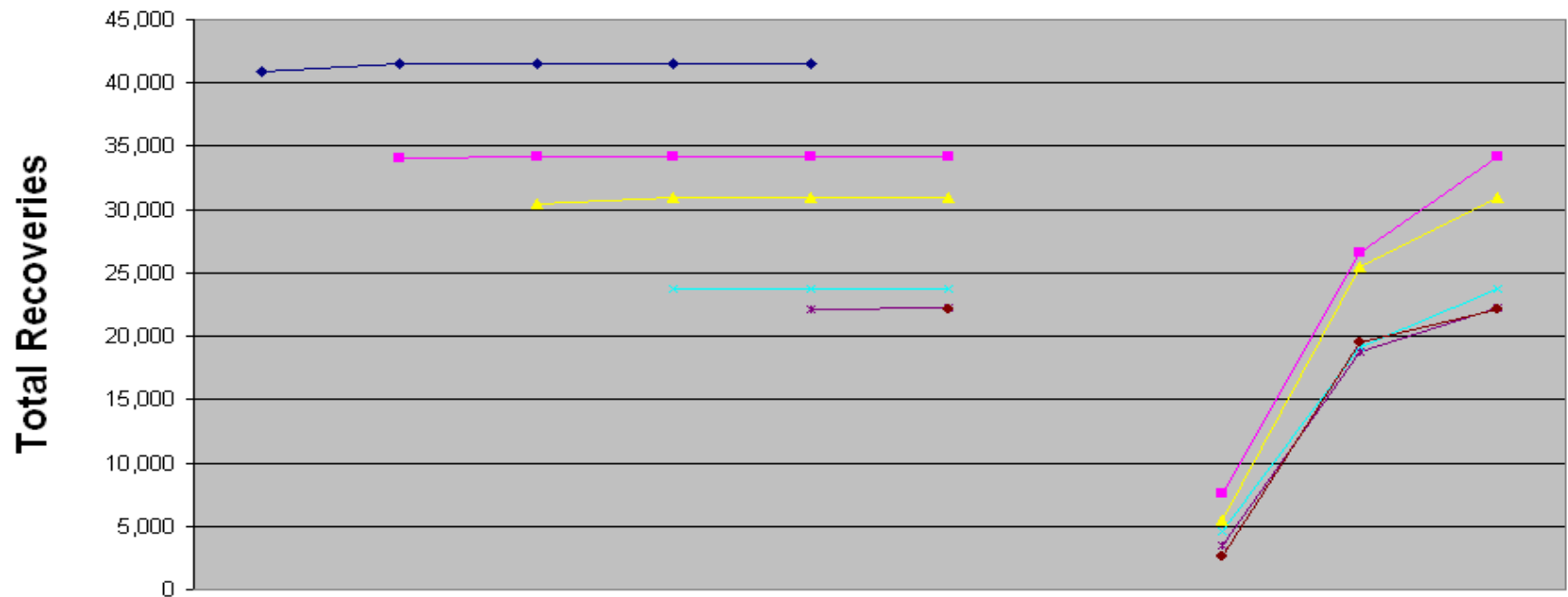
- = Partially validated
- = Fully validated/not yet available
- = Fully validated and available

Explanation:



Year	ADFG	CDFG	CDFD	FWS	IDFG	NIFC	NMFS	ODFW	QDNR	WDFW
2008	2009/01/28		2009/03/06		2009/02/13		2009/03/10	2009/01/21		2009/04/02
2007	2009/01/09	2009/03/16	2009/02/20	2009/02/10	2008/07/07	2009/02/23	2009/02/06	2009/01/27	2008/10/16	2009/03/27
2006	2008/01/18	2008/03/25	2009/02/20	2008/09/30	2007/06/26	2008/01/18	2008/06/27	2009/01/13	2008/02/08	2008/12/04
2000	2007/03/07	2006/04/10	2009/02/18	2007/04/04	2008/06/27	2002/01/30	2006/02/01	2009/03/13	2005/12/30	2008/10/15
1999	2007/03/07	2001/02/28	2009/02/18	2007/04/03	2006/10/20	2001/02/26	2006/02/01	2005/01/27	2002/09/18	2008/10/14
1991	2007/03/16	2006/04/10	2002/09/18	2003/08/17	2006/10/20	2007/05/25	2006/01/13	1994/10/28	1993/07/16	2008/09/29
1990	2008/03/17	1992/12/27	2002/09/19	2003/08/17	2006/10/20	1998/03/31	2006/01/13	1995/02/06	1993/07/16	2008/09/26
1989	2007/03/19	1992/12/26	2002/09/19	2003/08/17	2006/10/30	1998/04/02	2006/01/27	1994/10/31	1993/07/16	2008/09/25

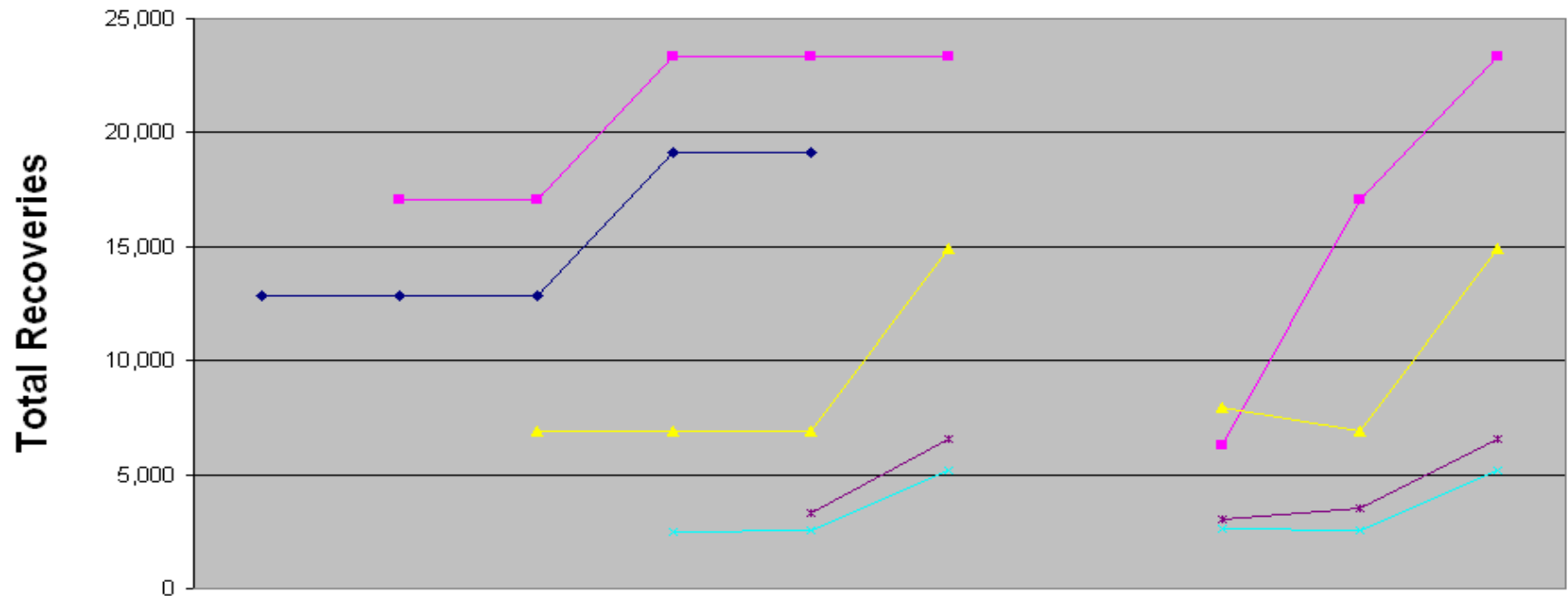
ADFG Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
2003	40,941	41,513	41,513	41,513	41,542					
2004		34,094	34,131	34,131	34,137	34,137		7,571	26,566	34,137
2005			30,487	30,923	30,928	30,928		5,500	25,428	30,928
2006				23,704	23,738	23,738		4,581	19,157	23,738
2007					22,069	22,190		3,432	18,758	22,190
2008						22,133		2,660	19,473	22,133

Yearly Submission Deadlines

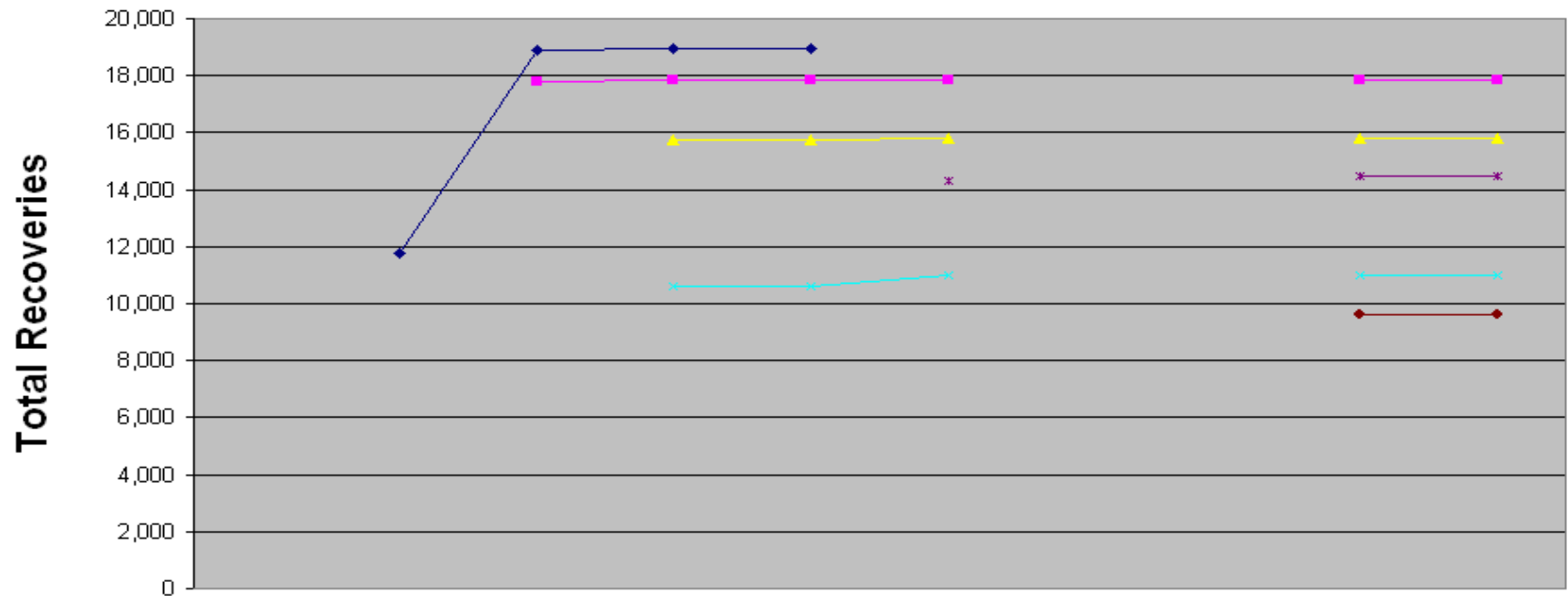
CDFG Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
2003	12,826	12,826	12,826	19,129	19,129					
2004		17,052	17,052	23,360	23,360	23,360		6,307	17,053	23,360
2005			6,926	6,926	6,926	14,907		7,974	6,933	14,907
2006				2,494	2,545	5,182		2,632	2,550	5,182
2007					3,330	6,542		3,068	3,504	6,572
2008										

Yearly Submission Deadlines

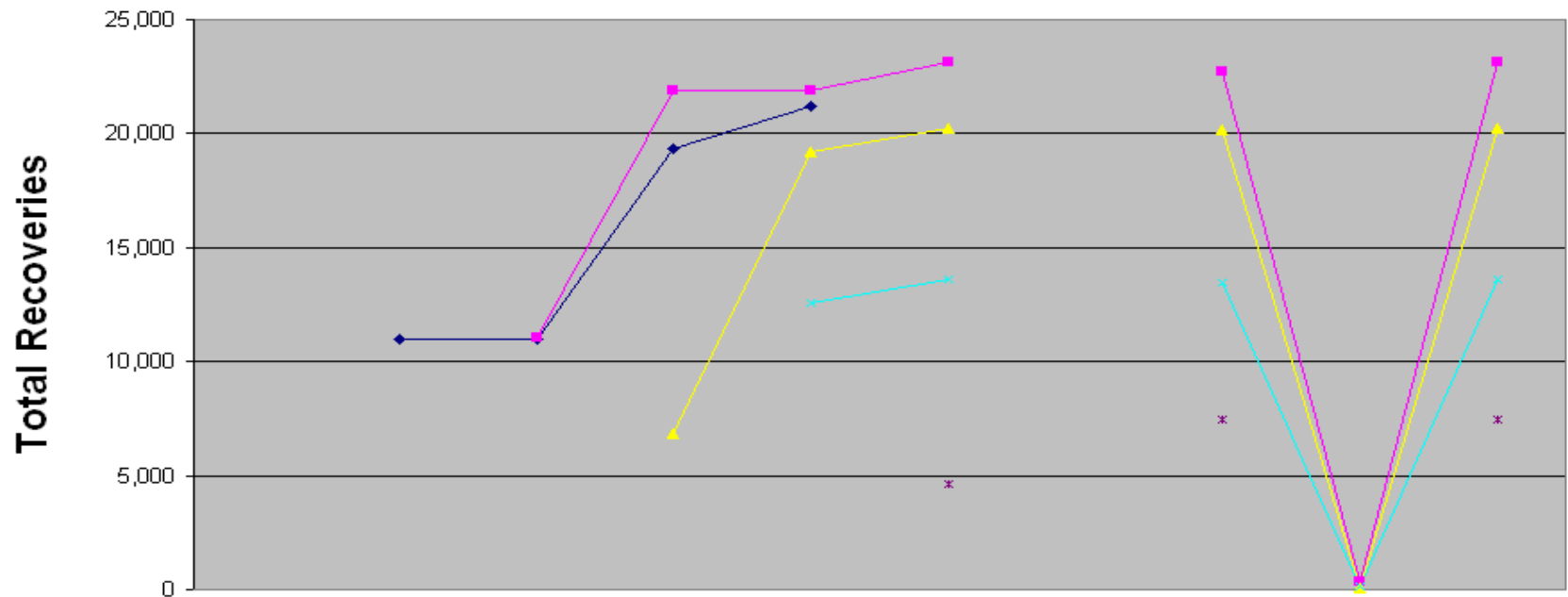
CDFO Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
◆ 2003		11,763	18,903	18,949	18,949					
■ 2004			17,764	17,818	17,838	17,838			17,843	17,834
▲ 2005				15,724	15,763	15,788			15,795	15,795
✕ 2006				10,596	10,596	10,971			10,986	10,986
* 2007						14,320			14,486	14,486
◆ 2008									9,594	9,594

Yearly Submission Deadlines

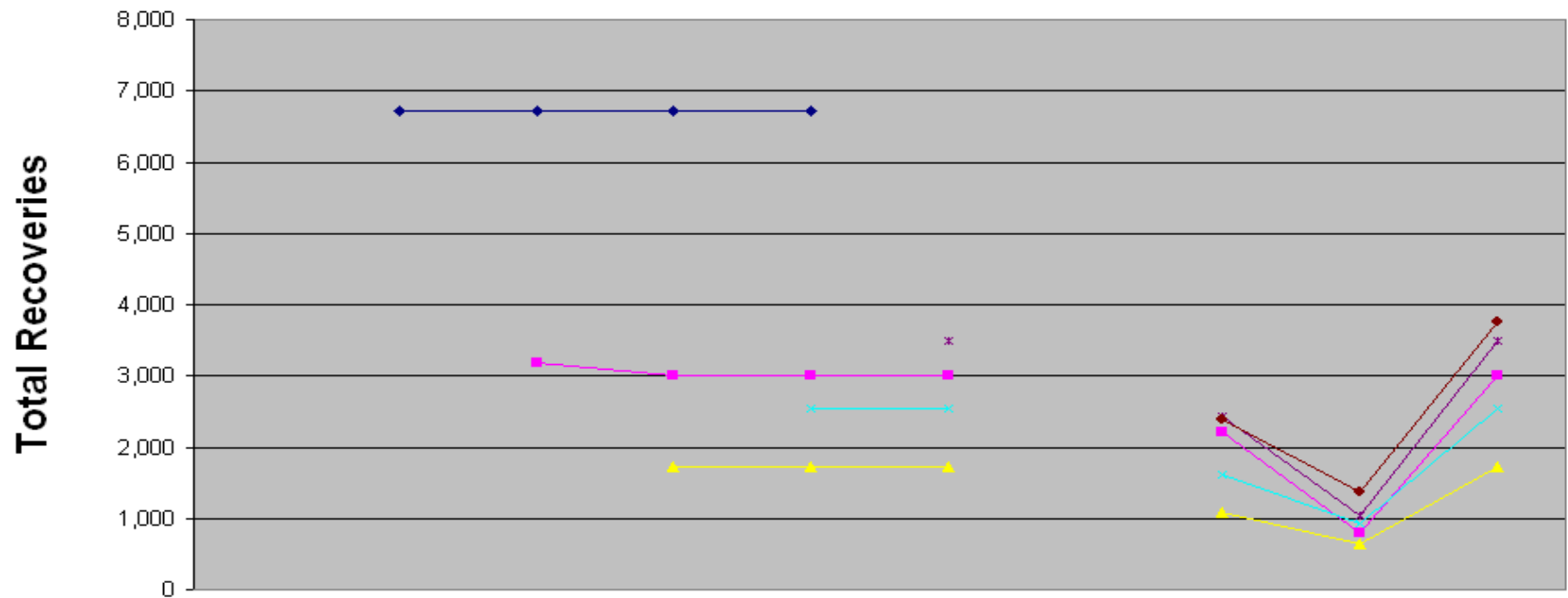
FWS Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
2003		10,994	10,994	19,368	21,204					
2004			11,063	21,886	21,886	23,118		22,746	372	23,118
2005				6,843	19,186	20,252		20,178	74	20,252
2006					12,589	13,571		13,440	131	13,571
2007						4,625		7,453		7,453
2008										

Yearly Submission Deadlines

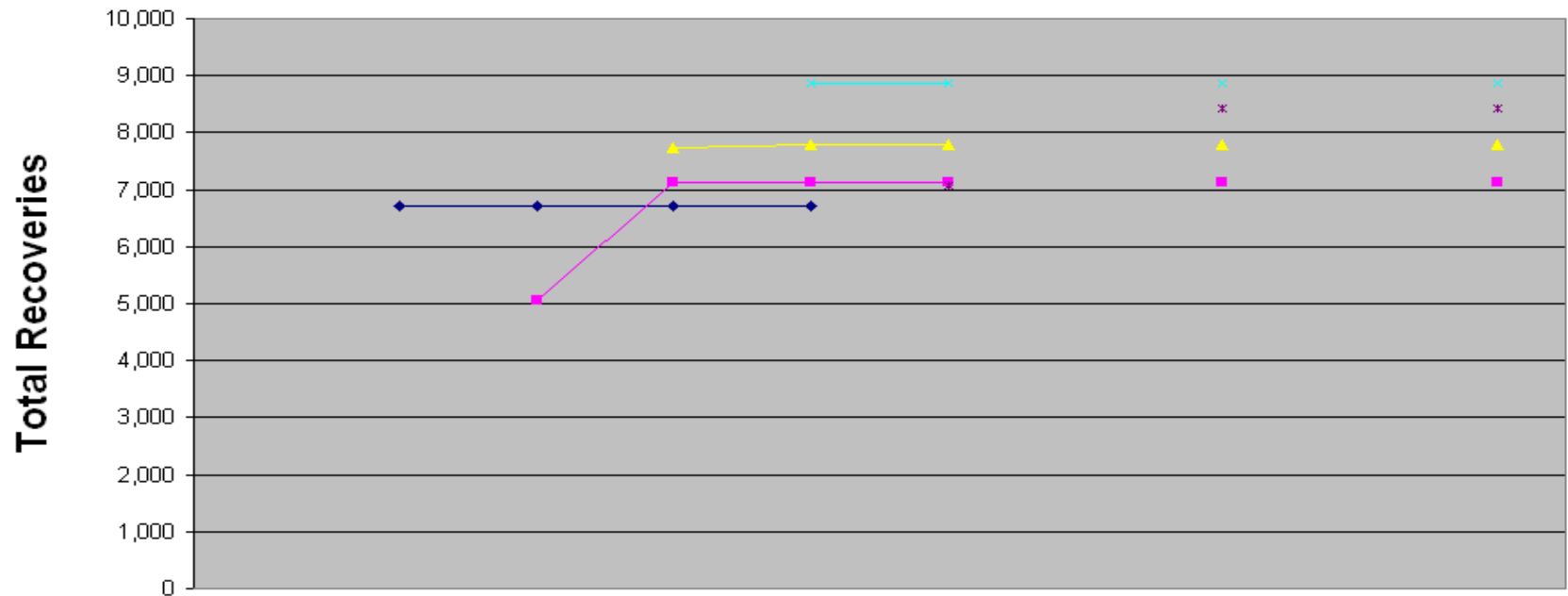
IDFG Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
◆ 2003		6,720	6,720	6,720	6,720					
■ 2004			3,177	3,005	3,006	3,006		2,217	789	3,006
▲ 2005				1,719	1,719	1,719		1,079	640	1,719
✕ 2006					2,542	2,542		1,622	920	2,542
* 2007						3,481		2,434	1,047	3,481
◆ 2008								2,396	1,371	3,767

Yearly Submission Deadlines

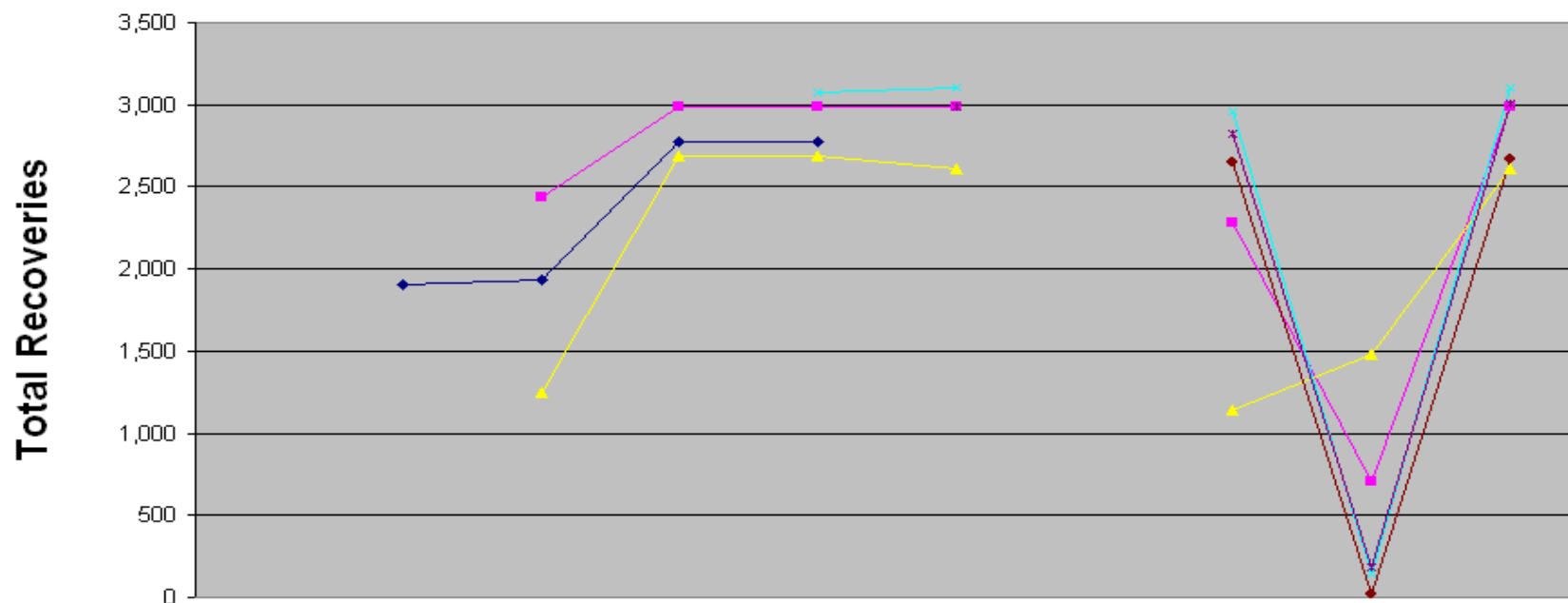
NIFC Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
◆ 2003		6,720	6,720	6,720	6,720					
■ 2004			5,050	7,117	7,117	7,117		7,117		7,117
▲ 2005				7,736	7,785	7,785		7,785		7,785
✕ 2006					8,855	8,855		8,855		8,855
✱ 2007						7,078		8,425		8,425
◆ 2008										

Yearly Submission Deadlines

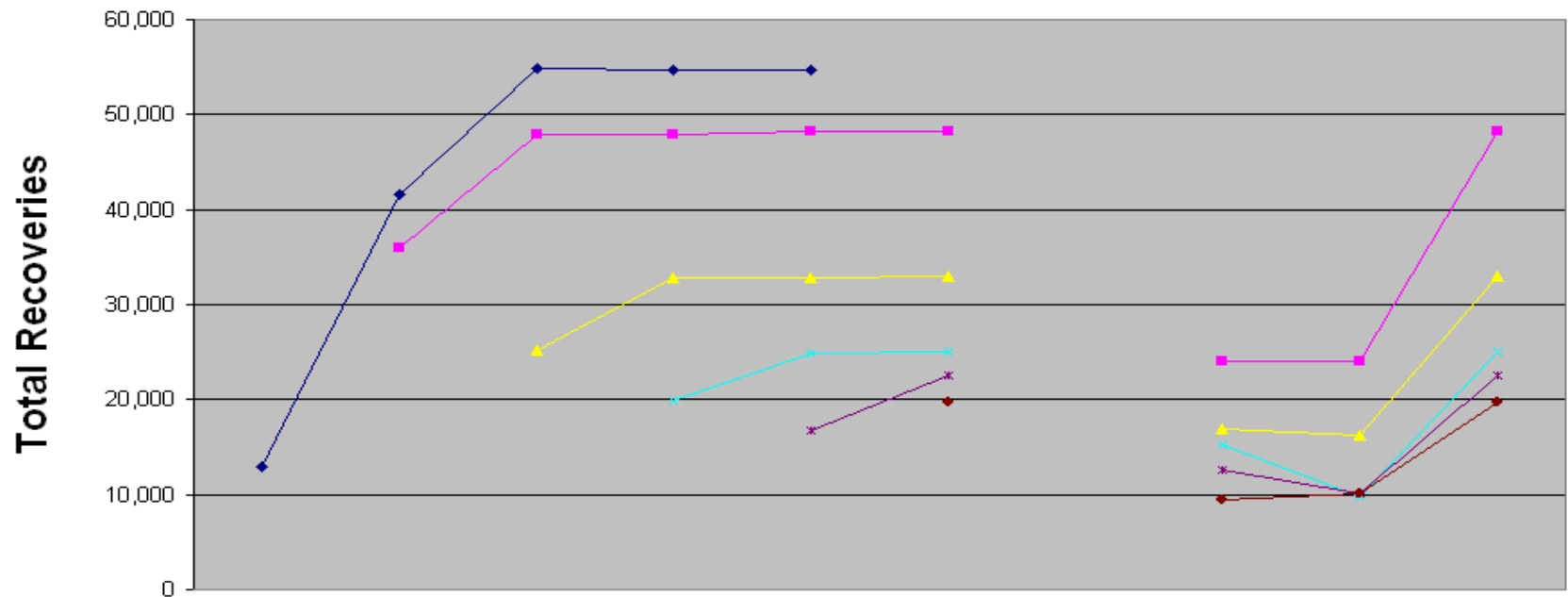
NMFS Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
2003		1,903	1,933	2,773	2,773					
2004			2,435	2,986	2,986	2,986		2,277	709	2,986
2005			1,245	2,685	2,686	2,614		1,137	1,477	2,614
2006					3,075	3,103		2,962	141	3,103
2007						2,990		2,821	183	3,004
2008								2,646	19	2,665

Yearly Submission Deadlines

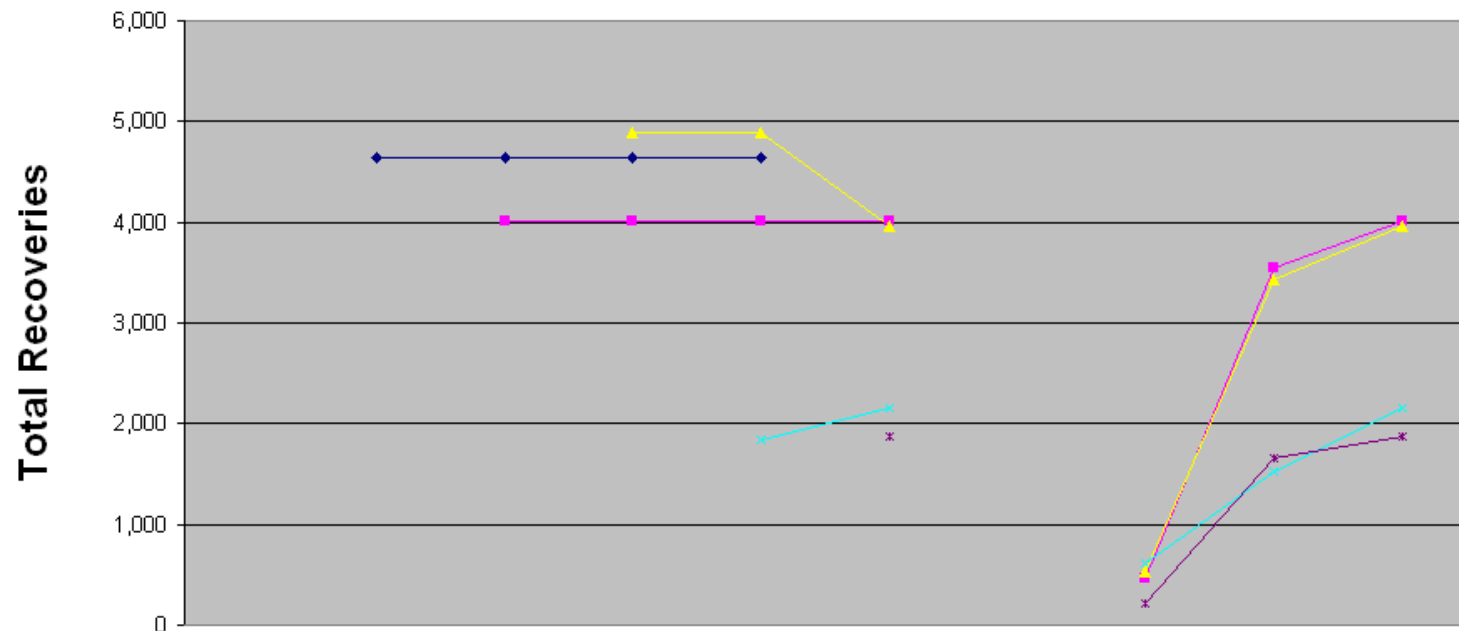
ODFW Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
2003	12,898	41,630	54,787	54,717	54,717					
2004		35,940	47,902	47,902	48,179	48,179		24,076	24,103	48,179
2005			25,219	32,826	32,826	33,030		16,843	16,187	33,030
2006				19,833	24,853	25,095		15,288	9,708	25,095
2007					16,822	22,620		12,531	10,089	22,620
2008						19,649		9,488	10,161	19,649

Yearly Submission Deadlines

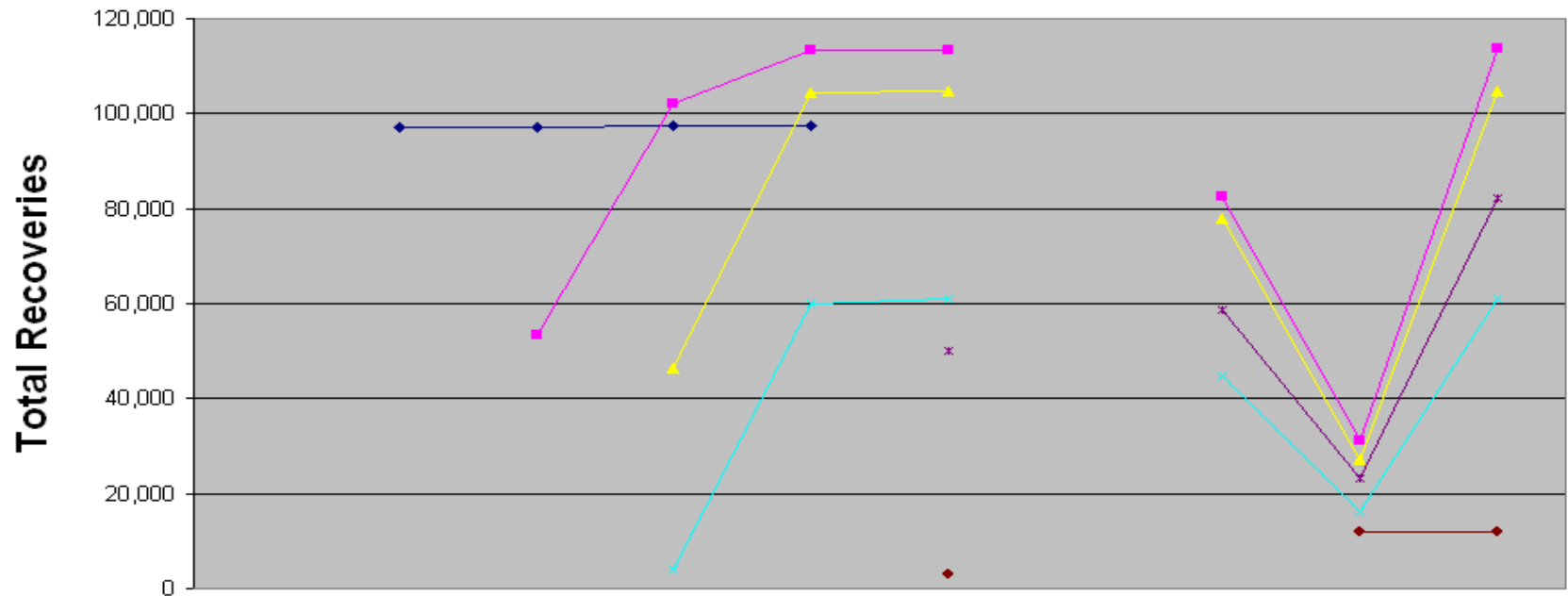
QDNR Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
◆ 2003		4,639	4,639	4,639	4,639					
■ 2004			4,008	4,008	4,008	4,008	469	3,539	4,008	
▲ 2005				4,897	4,897	3,962	531	3,431	3,962	
✧ 2006					1,840	2,154	614	1,531	2,154	
✱ 2007						1,881	218	1,663	1,881	
◆ 2008										

Yearly Submission Deadlines

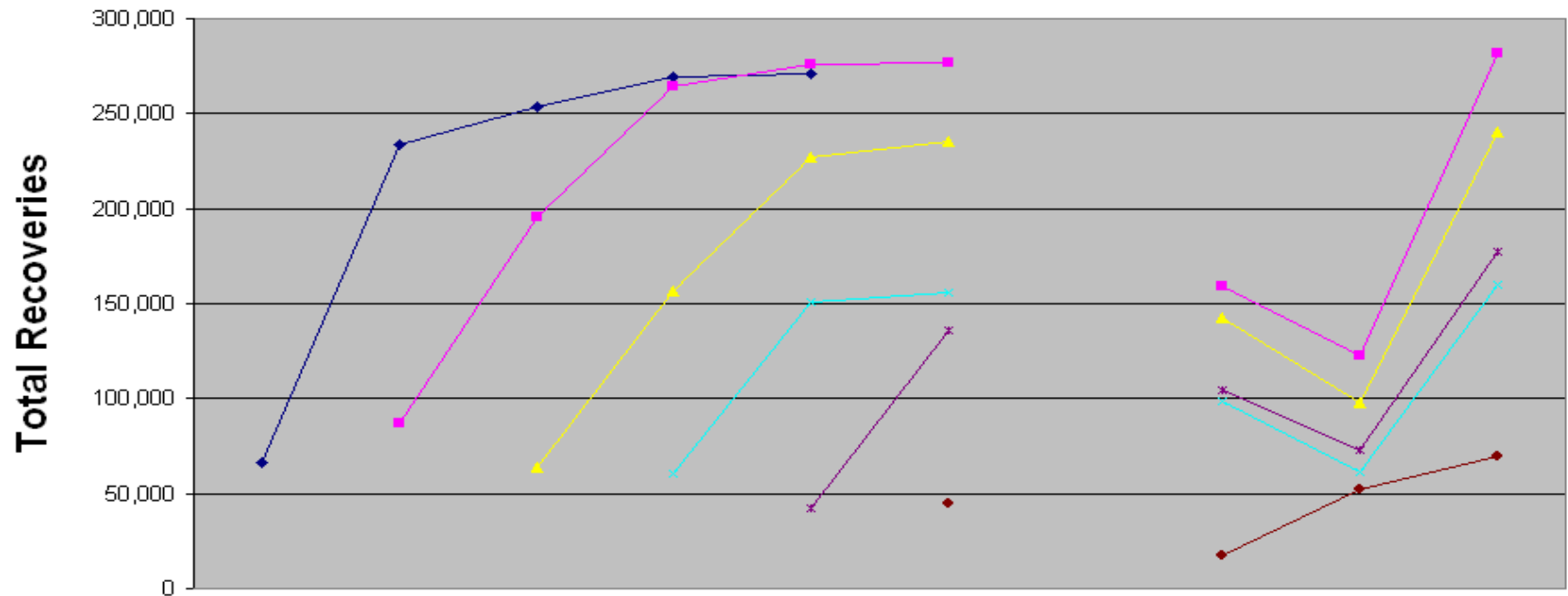
WDFW Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
2003		97,250	97,250	97,371	97,371					
2004			53,257	102,154	113,214	113,214		82,505	31,210	113,715
2005				46,479	104,349	104,752		77,769	27,045	104,814
2006				4,108	59,892	60,872		44,793	16,079	60,872
2007						49,911		58,748	23,326	82,074
2008						3,145			11,880	11,880

Yearly Submission Deadlines

All Agency Recoveries



	1/31/2004	1/31/2005	1/31/2006	1/31/2007	1/31/2008	1/31/2009		ESC 5/5/2009	Non-ESC 5/5/2009	Total 5/5/2009
2003	66,665	233,289	253,410	269,208	271,075					
2004		87,086	195,839	264,367	275,731	276,963		159,414	122,573	281,978
2005			63,877	156,758	227,065	235,737		142,953	97,403	240,356
2006				60,735	150,525	156,083		98,491	61,203	159,802
2007					42,221	135,638		104,164	73,056	177,220
2008						44,927		17,190	52,498	69,688

Yearly Submission Deadlines

Catch/Sample

You are here: [Home](#) ▶ [News & Data Status](#) ▶ Dataset Load Dates

Load Dates of Catch/Sample Data

Click on Cells for Additional Information

From CWT Database Load Logs
By Catch Year and Reporting Agency as of Thu May 7 09:59:57 2009

Process status:	Explanation:
 = Partially validated	 Help
 = Fully validated/not yet available	
 = Fully validated and available	

Year	ADFG	CDFG	CDFD	FWS	NIFC	NMFS	ODFW	QDNR	WDFW	Year
2008	2009/01/28		2009/03/06			2009/03/10	2009/01/21		2009/04/02	2008
2007	2009/01/09	2009/03/16	2009/02/20	2009/02/10	2009/03/04	2009/03/10	2009/01/27	2008/06/05	2009/03/27	2007
2006	2008/01/16	2008/03/25	2009/02/20	2008/09/30	2008/01/16	2008/06/27	2009/01/13	2008/02/08	2008/12/04	2006
2005	2007/03/07	2008/06/06	2009/02/20	2008/06/18	2007/10/05	2008/02/07	2009/03/13	2008/02/06	2009/03/24	2005
2004	2007/03/07	2006/07/10	2009/02/20	2008/04/24	2006/03/02	2008/02/07	2007/04/04	2006/01/17	2009/02/27	2004
2003	2007/03/07	2006/07/10	2009/02/20	2008/03/13	2005/01/18	2008/02/07	2006/05/02	2005/01/10	2008/10/21	2003
2002	2007/03/07	2006/07/10	2009/02/20	2008/01/28	2005/07/27	2008/02/07	2008/02/20	2004/01/15	2008/10/17	2002
2001	2007/03/07	2006/07/10	2009/02/20	2008/01/29	2002/12/16	2006/11/02	2009/03/26	2003/06/05	2008/10/17	2001
2000	2007/03/07	2002/03/25	2009/02/18	2007/04/04	2002/01/31	2006/01/27	2009/03/16	2005/12/29	2008/10/15	2000
1999	2007/03/07	2001/03/16	2009/02/18	2007/04/03	2001/02/28	2006/01/27	2004/12/20	2002/09/18	2008/10/14	1999
1998	2007/03/07	1999/11/30	2009/02/18	2006/05/24	2007/10/10	2006/01/27	2001/07/31	2002/12/03	2008/10/14	1998
1997	2007/03/07	2000/07/06	2009/02/18	2006/05/02	2007/07/31	2006/01/27	2001/07/26	1999/02/22	2008/10/13	1997

Catch & Effort

You are here: [Home](#) ▶ [News & Data Status](#) ▶ Dataset Load Dates

Load Dates of Catch & Effort Data

Click on Cells for Additional Information

From CE Database Load Logs
By Catch Year and Reporting Agency as of Thu May 7 10:02:12 2009

Process status:	Explanation:
 = Partially validated	 Help
 = Fully validated/not yet available	
 = Fully validated and available	

Year	ADFG	CDFG	CDFO	ODFW	WDFW	Year
1998					2007/08/07	1998
1997					2007/08/07	1997
1996					2005/06/23	1996
1995					2004/09/07	1995
1994					2004/09/10	1994
1993					2004/10/20	1993
1992					2005/03/08	1992
1991					2005/04/11	1991
1990					2002/06/06	1990
1989					2002/08/07	1989
1988					2002/08/08	1988
1987					2002/10/04	1987

Data Description Concerns

- Monitored Newly Submitted Descriptions
- Worked with CDFO and WDFW to resolve missing descriptions
- Problems Identified:
 - Inconsistent Line Numbers
 - Extra special characters
 - Length of file name
- Any Additional Concerns?

Data Reporting and Validation Concerns

- New Validation now in place for Ver. 4.1 Specification
- Additional Concerns?

Updates to RMPC Publications

- WWW.RMPC.ORG/PUBLICATIONS.HTML

CWT Data File Definition, Specification & Validation
(Ver. 4.1 Specifications Document)

PSC Format V4.1 Changes

History of RMIS

Northwest Fish Culture Conference Proceedings