

**FWS COLUMBIA RIVER 2010 CHINOOK MASS MARKING**

1/8/2010

Species: Chinook

Area: Columbia River

Brood: 2009

Release Year: 2010 and 2011

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Spring Creek NFH	Spring Creek - Tule Falls	360,000	360,000	9,790,000	0	10,510,000	Y	Numbers reduced under Spr. Cr. Reprogramming
FWS	Little White Salmon NFH	Little White Salmon - Tule Falls	150,000	0	1,550,000	0	1,700,000	Y	New release location under Spr. Cr. Reprogramming
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	200,000	1,600,000	0	2,000,000	Y	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	1,500,000	0	1,700,000	Y	YN-Prosser release
<b>Total Fall Chinook</b>			<b>910,000</b>	<b>560,000</b>	<b>14,440,000</b>	<b>0</b>	<b>15,910,000</b>		
FWS	Carson NFH	Carson - Springs 1+	75,000	0	1,045,000	0	1,120,000	Y	Walla Walla R. release
FWS	Carson NFH	Carson - Springs 1+	50,000	0	200,000	0	250,000	Y	Hood River release, new program in 2009
FWS	Willard NFH	Willard - Springs 1+	75,000	0	400,000	0	475,000	Y	Drano Lake release
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	75,000	0	475,000	0	550,000	Y	White River/Wenatchee restoration program
FWS	Little White Salmon NFH	White R. - Wenatchee Springs 1+	0	150,000	0	0	150,000	N	
FWS	Warm Springs NFH	Warm Springs - Springs 1+	552,000	0	0	0	552,000	Y	
FWS	Leavenworth NFH	Leavenworth - Springs 1+	220,000	0	980,000	0	1,200,000	Y	Program reduction from 1.625 M
FWS	Winthrop NFH	Methow - Springs 1+	600,000	0	0	0	600,000	Y	AD marking started in 2010
FWS	Kooskia NFH	Kooskia - Springs 1+	100,000	0	625,000	0	725,000	Y	
FWS	Dworshak NFH	Dworshak - Springs 1+	120,000	0	930,000	0	1,050,000	Y	
<b>Total Spring Chinook</b>			<b>1,917,000</b>	<b>150,000</b>	<b>4,655,000</b>	<b>0</b>	<b>6,722,000</b>		
<b>Total Chinook</b>			<b>2,827,000</b>	<b>710,000</b>	<b>19,095,000</b>	<b>0</b>	<b>22,632,000</b>		

**Total Chinook Production 22,632,000**  
**Total Percent Marked 97%**

# FWS COLUMBIA RIVER 2009 CHINOOK MASS MARKING

1/23/2009

Species: Chinook  
 Area: Columbia River  
 Brood: 2008  
 Release Year: 2009 and 2010  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped			
FWS	Spring Creek NFH	Spring Creek - Tule Falls	360,000	360,000	9,790,000	0	10,510,000	Y	Numbers reduced under Spring Creek Reprogramming
FWS	Little White Salmon NFH	Little White Salmon - Tule Falls	150,000	0	1,550,000	0	1,700,000	Y	New release location, part of Spr. Cr. Reprogramming
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	200,000	1,600,000	0	2,000,000	Y	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	1,500,000	0	1,700,000	Y	YN-Prosser release
		<b>Total Fall Chinook</b>	<b>910,000</b>	<b>560,000</b>	<b>14,440,000</b>	<b>0</b>	<b>15,910,000</b>		
FWS	Carson NFH	Carson - Springs 1+	75,000	0	1,045,000	0	1,120,000	Y	Walla Walla R. release
FWS	Carson NFH	Carson - Springs 1+	50,000	0	200,000	0	250,000	Y	Hood River release, new program
FWS	Willard NFH	Hood River - Springs 1+	50,000	0	0	0	50,000	Y	Drano Lake release
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	75,000	0	400,000	0	475,000	Y	
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	75,000	0	475,000	0	550,000	Y	White River/Wenatchee restoration program
FWS	Little White Salmon NFH	White River - Wenatchee Springs 1+	0	85,000	0	0	85,000	N	
FWS	Warm Springs NFH	Warm Springs - Springs 1+	675,000	0	0	0	675,000	Y	
FWS	Leavenworth NFH	Leavenworth - Springs 1+	200,000	0	1,000,000	0	1,200,000	Y	Program reduction from 1.625 M
FWS	Winthrop NFH	Methow - Springs 1+	0	500,000	0	0	500,000	N	Restoration program
FWS	Kooskia NFH	Kooskia - Springs 1+	110,000	0	540,000	0	650,000	Y	
FWS	Dworshak NFH	Dworshak - Springs 1+	120,000	0	930,000	0	1,050,000	Y	
		<b>Total Spring Chinook</b>	<b>1,430,000</b>	<b>585,000</b>	<b>4,590,000</b>	<b>0</b>	<b>6,605,000</b>		
		<b>Total Chinook</b>	<b>2,340,000</b>	<b>1,145,000</b>	<b>19,030,000</b>	<b>0</b>	<b>22,515,000</b>		

**Total Chinook Production 22,515,000**  
**Total Percent Marked 95%**

# FWS COLUMBIA RIVER 2008 CHINOOK MASS MARKING

1/15/2008

Species: Chinook  
 Area: Columbia River  
 Brood: 2007  
 Release Year: 2008 and 2009  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CVMT		Number of fish to be released without a CVMT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Spring Creek NFH	Spring Creek - Tule Falls	450,000	450,000	14,200,000	0	15,100,000	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	200,000	1,600,000	0	2,000,000	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	0	650,000	850,000	N	N	YN-Prosser release, broodstock shortfall, ~1/2 of normal 1.7M program
WDFW	Priest Rapids	Priest Rapids - URB Falls	0	0	0	0	0	N	N	Broodstock shortfall, no fish for program in 2008
<b>Total Fall Chinook</b>			<b>850,000</b>	<b>650,000</b>	<b>15,800,000</b>	<b>650,000</b>	<b>17,950,000</b>			
FWS	Carson NFH	Carson - Springs 1+	75,000	0	1,095,000	0	1,170,000	Y	Y	
FWS	Willard NFH	Little White Salmon - Springs 1+	50,000	0	400,000	0	450,000	Y	Y	Drano Lake release
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	75,000	0	475,000	0	550,000	Y	Y	
FWS	Little White Salmon NFH	White River - Wenatchee Springs 1+	0	150,000	0	0	150,000	N	N	White River restoration program
FWS	Carson NFH	Little White Salmon - Springs 1+	50,000	0	200,000	0	250,000	Y	Y	Walla Walla R. release
FWS	Warm Springs NFH	Warm Springs - Springs 1+	750,000	0	0	0	750,000	Y	Y	Fish loss, production will be lower
FWS	Leavenworth NFH	Leavenworth - Springs 1+	200,000	0	1,425,000	0	1,625,000	Y	Y	
FWS	Entiat NFH	Entiat - Springs 1+	0	0	0	0	0	N	Y	Spring Chinook program discontinued
FWS	Winthrop NFH	Methow - Springs 1+	125,000	600,000	0	0	600,000	N	N	Restoration program
FWS	Kooskia NFH	Kooskia NFH - Springs 1+	120,000	0	475,000	0	600,000	Y	Y	
FWS	Dworshak NFH	Dworshak - Springs 1+	0	0	930,000	0	1,050,000	Y	Y	
<b>Total Spring Chinook</b>			<b>1,445,000</b>	<b>750,000</b>	<b>5,000,000</b>	<b>0</b>	<b>7,195,000</b>			
<b>Total Chinook</b>			<b>2,295,000</b>	<b>1,400,000</b>	<b>20,800,000</b>	<b>650,000</b>	<b>25,145,000</b>			

Total Chinook Production 25,145,000  
 Total Percent Marked 92%

# FWS COLUMBIA RIVER 2007 CHINOOK MASS MARKING

1/26/2007

Species: Chinook  
 Area: Columbia River  
 Brood: 2006  
 Release Year: 2007 and 2008  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncolipped	Ad Clipped	Uncolipped			
FWS	Spring Creek NFH	Spring Creek - Tuile Falls	450,000	0	14,200,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	1,600,000	0	Y	Y	Decision pending, funding uncertain
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	0	1,500,000	N	N	YN-Prosser release
WDFW	Priest Rapids	Priest Rapids - URB Falls	0	0	1,700,000	0	Y	Y	Marking not planned in 2007
<b>Total Fall Chinook</b>			<b>850,000</b>	<b>650,000</b>	<b>17,500,000</b>	<b>1,500,000</b>			<b>20,500,000</b>
FWS	Carson NFH	Carson - Springs 1+	75,000	0	1,095,000	0	Y	Y	
FWS	Willard NFH	Little White Salmon - Springs 1+	50,000	0	200,000	0	Y	Y	Drano Lake release
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	75,000	0	675,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	50,000	0	200,000	0	Y	Y	Walla Walla R. release
FWS	Warm Spings NFH	Warm Spings - Springs 1+	750,000	0	0	0	Y	Y	Fish loss, production will be lower
FWS	Leavenworth NFH	Leavenworth - Springs 1+	400,000	0	1,225,000	0	Y	Y	
FWS	Entiat NFH	Entiat - Springs 1+	100,000	0	300,000	0	Y	Y	
FWS	Winthrop NFH	Methow - Springs 1+	0	600,000	0	0	N	N	Restoration program
FWS	Kooskia NFH	Kooskia NFH - Springs 1+	100,000	0	500,000	0	Y	Y	
FWS	Dworshak NFH	Dworshak - Springs 1+	120,000	0	930,000	0	Y	Y	
<b>Total Spring Chinook</b>			<b>1,720,000</b>	<b>600,000</b>	<b>5,125,000</b>	<b>0</b>			<b>7,445,000</b>
<b>Total Chinook</b>			<b>2,570,000</b>	<b>1,250,000</b>	<b>22,625,000</b>	<b>1,500,000</b>			<b>27,945,000</b>

**Total Chinook Production 27,945,000**  
**Total Percent Marked 90%**

# FWS COLUMBIA RIVER 2006 CHINOOK MASS MARKING

2/6/2006

Species: Chinook  
 Area: Columbia River  
 Brood: 2005  
 Release Year: 2006 and 2007  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncropped	Ad Clipped	Uncropped			
FWS	Spring Creek NFH	Spring Creek - Tule Falls	450,000	0	14,100,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	1,600,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	0	1,500,000	N	N	YN-Prosser release
WDFW	Priest Rapids	Priest Rapids - URB Falls	0	0	1,700,000	0	Y	N	Marked by FWS
<b>Total Fall Chinook</b>			<b>850,000</b>	<b>650,000</b>	<b>17,400,000</b>	<b>1,500,000</b>			<b>20,400,000</b>
FWS	Carson NFH	Carson - Springs 1+	75,000	0	1,095,000	0	Y	Y	Drano L. rel. (from Carson in '05)
FWS	Willard NFH	Little White Salmon - Springs 1+	50,000	0	200,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	75,000	0	675,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	50,000	0	200,000	0	Y	Y	Walla Walla R. release
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	40,000	0	170,000	0	Y	Y	Umatilla R. release
FWS	Warm Springs NFH	Warm Springs - Springs 1+	750,000	0	0	0	Y	Y	
FWS	Leavenworth NFH	Leavenworth - Springs 1+	800,000	0	825,000	0	Y	Y	
FWS	Entiat NFH	Entiat - Springs 1+	400,000	0	0	0	Y	Y	
FWS	Winthrop NFH	Methow - Springs 1+	0	600,000	0	0	Y	Y	Restoration program
FWS	Kooskia NFH	Kooskia NFH - Springs 1+	100,000	0	500,000	0	N	N	
FWS	Dworshak NFH	Dworshak - Springs 1+	120,000	0	930,000	0	Y	Y	
<b>Total Spring Chinook</b>			<b>2,460,000</b>	<b>600,000</b>	<b>4,595,000</b>	<b>0</b>			<b>7,655,000</b>
<b>Total Chinook</b>			<b>3,310,000</b>	<b>1,250,000</b>	<b>21,995,000</b>	<b>1,500,000</b>			<b>28,055,000</b>

**Total Chinook Production 28,055,000**  
**Total Percent Marked 90%**

# FWS COLUMBIA RIVER 2005 CHINOOK MASS MARKING

4/27/2005

Species: Chinook  
 Area: Columbia River  
 Brood: 2004  
 Release Year: 2005 and 2006

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped			
FWS	Spring Creek NFH	Spring Creek - Tuile Falls	450,000	0	14,100,000	0	Y	N	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	200,000	1,600,000	0	Y	N	
FWS	Little White Salmon NFH	Little White Salmon - URB Falls	200,000	0	0	1,500,000	N	N	YN-Prosser Release
WDFW	Priest Rapids	Priest Rapids - URB Falls	0	0	0	1,700,000	N	N	Marked by FWS
<b>Total Fall Chinook</b>			<b>850,000</b>	<b>650,000</b>	<b>15,700,000</b>	<b>3,200,000</b>			
FWS	Carson NFH	Carson - Springs 1+	75,000	0	1,095,000	0	Y	Y	Drano Lake Release
FWS	Carson NFH	Carson - Springs 1+	50,000	0	200,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	75,000	0	675,000	0	Y	Y	
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	50,000	0	200,000	0	Y	Y	Walla Walla R. Release
FWS	Little White Salmon NFH	Little White Salmon - Springs 1+	40,000	0	170,000	0	Y	Y	Umatilla R. Release
FWS	Warm Springs NFH	Warm Springs - Springs 1+	750,000	0	0	0	Y	Y	
FWS	Leavenworth NFH	Leavenworth - Springs 1+	800,000	0	825,000	0	Y	Y	
FWS	Entiat NFH	Entiat - Springs 1+	400,000	0	0	0	Y	Y	
FWS	Winthrop NFH	Methow - Springs 1+	0	600,000	0	0	N	N	
FWS	Kooskia NFH	Kooskia NFH - Springs 1+	100,000	0	500,000	0	Y	Y	
FWS	Dworshak NFH	Dworshak - Springs 1+	120,000	0	930,000	0	Y	Y	
<b>Total Spring Chinook</b>			<b>2,460,000</b>	<b>600,000</b>	<b>4,595,000</b>	<b>0</b>			
<b>Total Chinook</b>			<b>3,310,000</b>	<b>1,250,000</b>	<b>20,295,000</b>	<b>3,200,000</b>			
<b>Total Chinook Production</b>					<b>28,055,000</b>				
<b>Total Percent Marked</b>					<b>84%</b>				

**FWS NORTH COAST AND PUGET SOUND 2010 CHINOOK MASS MARKING**

Species: Chinook  
 Area: North Coast and Puget Sound  
 Brood: 2009  
 Release Year: 2010

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Makah NFH	Sooes River Falls	260,000	0	1,940,000	0	2,200,000	Y	Y	
FWS	Quinault NFH	Cook Creek/Quinault Falls	200,000	0	400,000	0	600,000	Y	Y	
<b>Total Chinook</b>			<b>460,000</b>	<b>0</b>	<b>2,340,000</b>	<b>0</b>	<b>2,800,000</b>			

**Total Chinook Production 2,800,000**  
**Total Percent Marked 100%**

## FWS NORTH COAST AND PUGET SOUND 2009 CHINOOK MASS MARKING

2/5/2009

Species: Chinook  
 Area: North Coast and Puget Sound  
 Brood: 2008  
 Release Year: 2009

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Makah NFH		260,000	0	1,940,000	0	Y	Y	
FWS	Quinault NFH		200,000	0	400,000	0	Y	Y	
		<b>Total Chinook</b>	<b>460,000</b>	<b>0</b>	<b>2,340,000</b>	<b>0</b>			<b>2,800,000</b>

**Total Chinook Production 2,800,000**  
**Total Percent Marked 100%**

# FWS NORTH COAST AND PUGET SOUND 2008 CHINOOK MASS MARKING

1/15/2008

Species: Chinook  
 Area: North Coast and Puget Sound  
 Brood: 2007  
 Release Year: 2008

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncolipped	Ad Clipped	Uncolipped			
FWS	Makah NFH		260,000	0	240,000	0	Y	Y	Shortfall from normal 2.4M program.
FWS	Quinault NFH		200,000	0	400,000	0	Y	Y	
<b>Total Chinook</b>			<b>460,000</b>	<b>0</b>	<b>640,000</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>	
<b>Total Chinook Production</b>									
<b>Total Percent Marked</b>									<b>100%</b>

# FWS NORTH COAST AND PUGET SOUND 2007 CHINOOK MASS MARKING

1/26/2007

Species: Chinook  
 Area: North Coast and Puget Sound  
 Brood: 2006  
 Release Year: 2007

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Makah NFH	Makah Falls	260,000	0	1,940,000	0	Y	Y	Decision pending, funding uncertain
FWS	Makah NFH	Makah Falls	0	0	100,000	0	Y	Y	Educket Cr. release, funding uncertain
FWS	Quinault NFH	Quinault Falls	200,000	0	400,000	0	Y	Y	Decision pending, funding uncertain
<b>Total Chinook</b>			<b>460,000</b>	<b>0</b>	<b>2,440,000</b>	<b>0</b>	<b>0</b>	<b>2,900,000</b>	

**Total Chinook Production 2,900,000**  
**Total Percent Marked 100%**

## FWS NORTH COAST AND PUGET SOUND 2006 CHINOOK MASS MARKING

2/6/2006

Species: Chinook  
 Area: North Coast and Puget Sound  
 Brood: 2005  
 Release Year: 2006

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped				
FWS	Makah NFH	Makah Falls	260,000	0	1,940,000	0	2,200,000	Y	Y	
FWS	Makah NFH	Makah Falls	0	0	100,000	0	100,000	Y	Y	
FWS	Quinault NFH	Quinault Falls	200,000	0	400,000	0	600,000	Y	Y	Educket Cr. Release
<b>Total Chinook</b>			<b>460,000</b>	<b>0</b>	<b>2,440,000</b>	<b>0</b>	<b>2,900,000</b>			

**Total Chinook Production 2,900,000**  
**Total Percent Marked 100%**

# FWS NORTH COAST AND PUGET SOUND 2005 CHINOOK MASS MARKING

4/27/2005

Species: Chinook  
 Area: North Coast and Puget Sound  
 Brood: 2004  
 Release Year: 2005

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Makah NFH	Makah	260,000	0	1,940,000	0	Y	N	
FWS	Makah NFH	Makah	0	0	100,000	0	Y	N	Educket Cr. Release
FWS	Quinault NFH	Quinault	200,000	0	400,000	0	Y	N	
<b>Total Chinook</b>			<b>460,000</b>	<b>0</b>	<b>2,440,000</b>	<b>0</b>	<b>0</b>	<b>2,900,000</b>	

**Total Chinook Production 2,900,000**  
**Total Percent Marked 100%**

**FWS SACRAMENTO RIVER 2010 CHINOOK MASS MARKING**

12/28/2009

Species: Chinook  
 Area: Sacramento River  
 Brood: 2009 and 2010  
 Release Year: 2010 and 2011  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			

FWS	Coleman NFH	Central Valley Fall Chinook	2009	Apr. 2010 - Dec. 2010/Jan. 2011	3,000,000	0	0	9,000,000	12,000,000	Y	Y	General Production received 25% Constant-fractional mark and CWT; actual production will not meet pre-season targets - anticipated to be 11,300,000
FWS	Coleman NFH	Central Valley Late-fall Chinook	2010	1,000,000	0	0	0	0	1,000,000	Y	Y	General Production received 100% mark and CWT
FWS	Livingston Stone NFH	Sacramento River Winter Chinook	2009	Feb. 2010	200,000	0	0	0	200,000	Y	Y	100% mark and CWT
<b>Total Chinook</b>					<b>4,200,000</b>	<b>0</b>	<b>0</b>	<b>9,000,000</b>	<b>13,200,000</b>			

**Total Chinook Production 13,200,000**  
**Total Percent Marked 32%**

# FWS SACRAMENTO RIVER 2009 CHINOOK MASS MARKING

12/28/2009

Species: Chinook  
 Area: Sacramento River  
 Brood: 2008 and 2009  
 Release Year: 2009 and 2010  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments	
					Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Coleman NFH	Central Valley Fall Chinook	2008	April 2009/May 2009	3,000,000	0	0	9,000,000	12,000,000	Y	Y	General Production received 25% Constant-fractional mark and CWT; actual production was 14,021,000
FWS	Coleman NFH	Central Valley Late-fall Chinook	2009	Dec 2009/Jan. 2010	1,000,000	0	0	0	1,000,000	Y	Y	General Production received 100% mark and CWT; actual production was 1,155,000
FWS	Livingston Stone NFH	Sacramento River Winter Chinook	2008	Feb. 2009	200,000	0	0	0	200,000	Y	Y	100% mark and CWT; actual production was 146,000
<b>Total Chinook</b>					<b>4,200,000</b>	<b>0</b>	<b>0</b>	<b>9,000,000</b>	<b>13,200,000</b>			

**Total Chinook Production 13,200,000**  
**Total Percent Marked 32%**

# FWS SACRAMENTO RIVER 2008 CHINOOK MASS MARKING

12/28/2009

Species: Chinook  
 Area: Sacramento River  
 Brood: 2007 and 2008  
 Release Year: 2008 and 2009  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Coleman NFH	Central Valley Fall Chinook	2007	2008/June 2008/Dec	3,000,000	0	0	9,000,000	12,000,000	Y	General Production received 25% Constant-fractional mark and CWT; actual production was 12,701,000
FWS	Coleman NFH	Central Valley Late-fall Chinook	2008	2008/Jan.	1,000,000	0	0	0	1,000,000	Y	General Production received 100% mark and CWT; actual production was 1,108,000
FWS	Livingston Stone NFH	Sacramento River Winter Chinook	2007	Feb. 2008	200,000	0	0	0	200,000	Y	100% mark and CWT; actual production was 72,000
<b>Total Chinook</b>					<b>4,200,000</b>	<b>0</b>	<b>0</b>	<b>9,000,000</b>	<b>13,200,000</b>		

**Total Chinook Production 13,200,000**  
**Total Percent Marked 32%**

### FWS SACRAMENTO RIVER 2007 CHINOOK MASS MARKING

12/28/2009

Species: Chinook  
 Area: Sacramento River  
 Brood: 2006 and 2007  
 Release Year: 2007 and 2008  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments	
					Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Coleman NFH	Central Valley Fall Chinook	2006	Apr. 2007	3,000,000	0	0	9,000,000	12,000,000	Y	Y	General Production received 25% Constant-fractional mark and CWT; actual production was 12,316,000, including 200,000 fry that were 100% marked and CWT'd and released in March for a fish screen evaluation
FWS	Coleman NFH	Central Valley Late-fall Chinook	2007	Nov. 2007/Jan. 2008	1,000,000	0	0	0	1,000,000	Y	Y	General Production received 100% mark and CWT; actual production was 1,061,000, including 78,000 fry that were 100% marked and CWT'd and released from May-June, 2007 at the request of researchers
FWS	Livingston Stone NFH	Sacramento River Winter Chinook	2006	Feb. 2007	200,000	0	0	0	200,000	Y	Y	100% mark and CWT; actual production was 196,000
<b>Total Chinook</b>					<b>4,200,000</b>	<b>0</b>	<b>0</b>	<b>9,000,000</b>	<b>13,200,000</b>			

**Total Chinook Production 13,200,000**  
**Total Percent Marked 32%**

## FWS SACRAMENTO RIVER 2006 CHINOOK MASS MARKING

12/28/2009

Species: Chinook  
 Area: Sacramento River  
 Brood: 2005 and 2006  
 Release Year: 2006 and 2007  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments	
					Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Coleman NFH	Central Valley Fall Chinook	2005	Apr. 2006	0	0	0	12,000,000	12,000,000	Y	Y	General Production were not marked or tagged due to lack of funding; actual production was 13,355,000, including 200,000 fry that were 100% marked and CWT'd and released in March for a fish screen evaluation  General Production received 100% mark and CWT; actual production was 1,165,000, including 52,000 fry that were 100% marked and CWT'd and released from May-June, 2006 at the request of researchers 100% mark and CWT; actual production was 173,000
FWS	Coleman NFH	Central Valley Late-fall Chinook	2006	Nov. 2006/Jan. 2007	1,000,000	0	0	0	1,000,000	Y	Y	
FWS	Livingston Stone NFH	Sacramento River Winter Chinook	2005	Feb. 2006	200,000	0	0	0	200,000	Y	Y	
<b>Total Chinook</b>					<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>12,000,000</b>	<b>13,200,000</b>			

**Total Chinook Production 13,200,000**  
**Total Percent Marked 9%**

## FWS SACRAMENTO RIVER 2005 CHINOOK MASS MARKING

12/28/2009

Species: Chinook  
 Area: Sacramento River  
 Brood: 2004 and 2005  
 Release Year: 2005 and 2006  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Coleman NFH	Central Valley Fall Chinook	2004	Apr. 2005	0	0	0	12,000,000	12,000,000	Y	Y
FWS	Coleman NFH	Central Valley Late-fall Chinook	2005	Dec. 2005/Jan. 2006	1,000,000	0	0	0	1,000,000	Y	Y
FWS	Livingston Stone NFH	Sacramento River Winter Chinook	2004	Feb. 2005	200,000	0	0	0	200,000	Y	Y
<b>Total Chinook</b>					<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>12,000,000</b>	<b>13,200,000</b>		

General Production were not marked or tagged due to lack of funding; actual production was 11,854,000, including 147,000 fry that were marked and CWTD and released February-March for a fish screen evaluation

General Production received 100% mark and CWT; actual production was 1,003,000, including 87,000 fry that were marked and CWTD and released from April-June, 2005 at the request of researchers 100% mark and CWT; actual production was 168,000

**Total Chinook Production 13,200,000**  
**Total Percent Marked 9%**

# FWS COLUMBIA RIVER 2010 COHO MASS MARKING

1/8/2010

Species: Coho  
 Area: Columbia River  
 Brood: 2009  
 Release Year: 2011

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	25,000	300,000	0	350,000	Y	Y	CEDC Youngs Bay release
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	0	125,000	0	150,000	Y	Y	Clear Cr. Release - NPT restoration
FWS	Eagle Creek NFH	Clearwater River - 1+	0	30,000	0	245,000	275,000	N	N	Lapwai Cr. Release - NPT restoration
FWS	Eagle Creek NFH	Clearwater River - 1+	0	30,000	0	245,000	275,000	N	N	Yakima R. Release - YN
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	0	425,000	50,000	500,000	Y	Y	Wenatchee R. Release - YN restoration
FWS	Willard NFH	Wenatchee R. - 1+	0	550,000	0	0	550,000	N	N	Wen. R. Rel. - (Tagged by FWS) YN restoration
ODFW	Cascade Hatchery	Wenatchee R. - 1+	0	700,000	0	0	700,000	N	N	YN restoration program
FWS	Winthrop NFH	Wenatchee R. - 1+	0	250,000	0	0	250,000	N	N	
<b>Total Coho</b>			<b>75,000</b>	<b>1,585,000</b>	<b>850,000</b>	<b>540,000</b>	<b>3,050,000</b>			

**Total Coho Production 3,050,000**  
**Total Percent Marked 30%**

# FWS COLUMBIA RIVER 2009 COHO MASS MARKING

1/23/2009

Species: Coho  
 Area: Columbia River  
 Brood: 2008  
 Release Year: 2010

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unc clipped	Ad Clipped	Unc clipped				
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	25,000	300,000	0	350,000	Y	Y	CEDC Youngs Bay release
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	0	125,000	0	150,000	Y	Y	Clear Cr. Release - NPT restoration
FWS	Eagle Creek NFH	Eagle Creek - 1+	0	30,000	0	245,000	275,000	N	N	Lapwai Cr. Release - NPT restoration
FWS	Eagle Creek NFH	Eagle Creek - 1+	0	30,000	0	245,000	275,000	N	N	Yakima R. Release - YN
FWS	Willard NFH	Wenatchee - 1+	0	0	450,000	0	450,000	Y	Y	Wenatchee R. Release - YN restoration
ODFW	Cascade Hatchery	Wenatchee - 1+	0	700,000	0	0	700,000	N	N	Wen. R. Rel. - (Tagged by FWS) YN restoration
FWS	Entiat NFH	Wenatchee - 1+	50,000	200,000	0	0	250,000	N	N	YN restoration program
FWS	Winthrop NFH	Wenatchee - 1+	0	250,000	0	0	250,000	N	N	YN restoration program
<b>Total Coho</b>			<b>100,000</b>	<b>1,785,000</b>	<b>875,000</b>	<b>490,000</b>	<b>3,250,000</b>			

**Total Coho Production 3,250,000**  
**Total Percent Marked 30%**

# FWS COLUMBIA RIVER 2008 COHO MASS MARKING

1/15/2008

Species: Coho  
 Area: Columbia River  
 Brood: 2007  
 Release Year: 2009

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	25,000	350,000	0	400,000	Y	Y	Potlatch R. Release - NPT restoration
FWS	Eagle Creek NFH	Eagle Creek - 1+	30,000	30,000	0	215,000	275,000	N	N	Lapwai Cr. Release - NPT restoration
FWS	Eagle Creek NFH	Eagle Creek - 1+	30,000	30,000	0	215,000	275,000	N	N	Yakima R. Release - YN
FWS	Eagle Creek NFH	Eagle Creek - 1+	0	0	450,000	0	450,000	Y	Y	Wenatchee R. Release - YN restoration
FWS	Willard NFH	Wenatchee - 1+	0	1,000,000	0	0	1,000,000	N	N	Wen. R. Rel. - (Tagged by FWS) YN restoration
ODFW	Cascade Hatchery	Wenatchee - 1+	0	950,000	0	0	950,000	N	N	YN restoration program
FWS	Entiat NFH	Wenatchee - 1+	0	200,000	50,000	0	250,000	N	N	YN restoration program
FWS	Winthrop NFH	Wenatchee - 1+	0	500,000	0	0	500,000	N	N	YN restoration program
FWS	Kooskia NFH	Dworshak - 1+	0	120,000	0	160,000	280,000	N	N	NPT restoration program
<b>Total Coho</b>			<b>85,000</b>	<b>2,855,000</b>	<b>850,000</b>	<b>590,000</b>	<b>4,380,000</b>			

**Total Coho Production 4,380,000**  
**Total Percent Marked 21%**

# FWS COLUMBIA RIVER 2007 COHO MASS MARKING

1/26/2007

Species: Coho  
 Area: Columbia River  
 Brood: 2006  
 Release Year: 2008

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclassified	Ad Clipped	Unclassified				
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	25,000	450,000	0	500,000	Y	Y	Pollatch R. Release - NPT
FWS	Eagle Creek NFH	Eagle Creek - 1+	60,000	60,000	0	155,000	275,000	N	N	Lapwai Cr. Release - NPT
FWS	Eagle Creek NFH	Eagle Creek - 1+	60,000	60,000	0	155,000	275,000	N	N	Yakima R. Release - YN
FWS	Eagle Creek NFH	Eagle Creek - 1+	0	0	500,000	0	500,000	Y	Y	Wenatchee R. Release - YN
FWS	Willard NFH	Wenatchee - 1+	0	550,000	0	0	550,000	N	N	Wen. R. Rel. - YN (Tagged by FWS)
ODFW	Cascade Hatchery	Wenatchee - 1+	0	700,000	0	0	700,000	N	N	LV Clip - YN (Marked by FWS)
YN	Prosser Hatchery	Yakima - 1+	0	0	0	0	500,000	N	N	YN restoration program
FWS	Winthrop NFH	Wenatchee - 1+	0	250,000	0	0	250,000	N	N	NPT restoration program
FWS	Kooskia NFH	Dworshak - 1+	0	120,000	0	160,000	280,000	N	N	
<b>Total Coho</b>			<b>145,000</b>	<b>1,765,000</b>	<b>950,000</b>	<b>970,000</b>	<b>3,830,000</b>			

**Total Coho Production 3,830,000**  
**Total Percent Marked 29%**

# FWS COLUMBIA RIVER 2006 COHO MASS MARKING

2/6/2006

Species: Coho  
 Area: Columbia River  
 Brood: 2005  
 Release Year: 2007

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclassified	Ad Clipped	Unclassified				
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	25,000	450,000	0	500,000	Y	Y	Pollatch R. Release - NPT
FWS	Eagle Creek NFH	Eagle Creek - 1+	50,000	50,000	0	175,000	275,000	N	N	Lapwai Cr. Release - NPT
FWS	Eagle Creek NFH	Eagle Creek - 1+	50,000	50,000	0	175,000	275,000	N	N	Yakima R. Release - YN
FWS	Willard NFH	Wenatchee - 1+	0	0	600,000	0	600,000	Y	Y	Wenatchee R. Release - YN
ODFW	Cascade Hatchery	Wenatchee - 1+	0	550,000	0	0	550,000	N	N	Wen. R. Rel. - YN (Tagged by FWS)
YN	Prosser Hatchery	Yakima - 1+	0	700,000	0	0	700,000	N	N	LV Clip - YN (Marked by FWS)
FWS	Winthrop NFH	Wenatchee - 1+	0	250,000	0	0	500,000	N	N	YN restoration program
FWS	Kooskia NFH	Dworshak - 1+	0	120,000	0	0	250,000	N	N	YN restoration program
		<b>Total Coho</b>	<b>125,000</b>	<b>1,745,000</b>	<b>1,050,000</b>	<b>1,010,000</b>	<b>3,930,000</b>			

**Total Coho Production 3,930,000**  
**Total Percent Marked 30%**

# FWS COLUMBIA RIVER 2005 COHO MASS MARKING

4/27/2005

Species: Coho  
 Area: Columbia River  
 Brood: 2004  
 Release Year: 2006

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Eagle Creek NFH	Eagle Creek - 1+	25,000	25,000	450,000	0	500,000	Y	Y	Pollatch R. Release - NPT
FWS	Eagle Creek NFH	Eagle Creek - 1+	50,000	50,000	0	175,000	275,000	N	N	Lapwai Cr. Release - NPT
FWS	Eagle Creek NFH	Eagle Creek - 1+	50,000	50,000	0	175,000	275,000	N	N	Yakima R. Release - YN
FWS	Willard NFH	Wenatchee - 1+	0	0	600,000	0	600,000	Y	Y	Wenatchee R. Release - YN
ODFW	Cascade Hatchery	Wenatchee - 1+	300,000	300,000	0	0	600,000	N	N	Wen. R. Rel. - YN (Tagged by FWS)
YN	Prosser Hatchery	Yakima - 1+	0	700,000	0	0	700,000	N	N	LV Clip - YN (Marked by FWS)
FWS	Winthrop NFH	Wenatchee - 1+	0	200,000	0	500,000	500,000	N	N	YN
FWS	Kooskia NFH	Dworshak - 1+	0	120,000	0	160,000	280,000	N	N	NPT
<b>Total Coho</b>			<b>425,000</b>	<b>1,445,000</b>	<b>1,050,000</b>	<b>1,010,000</b>	<b>3,930,000</b>			

**Total Coho Production 3,930,000**  
**Total Percent Marked 38%**

# FWS NORTH COAST AND PUGET SOUND 2010 COHO MASS MARKING

1/8/2010

Species: Coho  
 Area: North Coast and Puget Sound  
 Brood: 2009  
 Release Year: 2011  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Makah NFH		0	0	0	0	40,000	Y	Y	Educket Creek program
FWS	Makah NFH	Sooes River	40,000	40,000	160,000	0	240,000	Y	Y	
FWS	Quinault NFH	Cook Creek	80,000	80,000	500,000	0	660,000	Y	Y	
FWS	Quicene NFH	Big Quilcene River	40,000	40,000	220,000	0	300,000	Y	Y	
FWS	Quicene NFH	Big Quilcene River	40,000	0	160,000	0	200,000	Y	Y	Quilcene Bay Net Pens
<b>Total Coho</b>			<b>200,000</b>	<b>160,000</b>	<b>1,080,000</b>	<b>0</b>	<b>1,440,000</b>			

**Total Coho Production 1,440,000**  
**Total Percent Marked 89%**

# FWS NORTH COAST AND PUGET SOUND 2009 COHO MASS MARKING

2/5/2009

Species: Coho  
 Area: North Coast and Puget Sound  
 Brood: 2008  
 Release Year: 2010

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped				
FWS	Makah NFH	Sooes River	0	0	0	40,000	40,000	Y	Y	Educket Creek program
FWS	Makah NFH	Sooes River	40,000	40,000	160,000	0	240,000	Y	Y	
FWS	Quinault NFH	Cook Creek	80,000	80,000	500,000	0	660,000	Y	Y	
FWS	Quicene NFH	Big Quilcene River	40,000	40,000	320,000	0	400,000	Y	Y	
FWS	Quicene NFH	Big Quilcene River	45,000	0	155,000	0	200,000	Y	Y	Quilcene Bay Net Pens
<b>Total Coho</b>			<b>205,000</b>	<b>160,000</b>	<b>1,175,000</b>	<b>0</b>	<b>1,540,000</b>			

**Total Coho Production 1,540,000**  
**Total Percent Marked 90%**

# FWS NORTH COAST AND PUGET SOUND 2008 COHO MASS MARKING

1/15/2008

Species: Coho  
 Area: North Coast and Puget Sound  
 Brood: 2007  
 Release Year: 2009

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped				
FWS	Makah NFH	Sooes River	0	0	0	40,000	40,000	Y	Y	Educket Creek program
FWS	Makah NFH	Sooes River	40,000	40,000	160,000	0	240,000	Y	Y	
FWS	Quinault NFH	Cook Creek	80,000	80,000	500,000	0	660,000	Y	Y	
FWS	Quicene NFH	Big Quilcene River	40,000	40,000	320,000	0	400,000	Y	Y	
FWS	Quicene NFH	Big Quilcene River	45,000	0	155,000	0	200,000	Y	Y	Quilcene Bay Net Pens
<b>Total Coho</b>			<b>205,000</b>	<b>160,000</b>	<b>1,175,000</b>	<b>0</b>	<b>1,540,000</b>			

**Total Coho Production 1,540,000**  
**Total Percent Marked 90%**

# FWS NORTH COAST AND PUGET SOUND 2007 COHO MASS MARKING

1/26/2007

Species: Coho  
 Area: North Coast and Puget Sound  
 Brood: 2006  
 Release Year: 2008  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped				
FWS	Makah NFH	Makah	40,000	40,000	120,000	0	200,000	Y	Y	
FWS	Makah NFH	Makah	0	0	40,000	0	40,000	Y	Y	Educket Cr. release
FWS	Quinault NFH	Quinault	80,000	80,000	500,000	0	660,000	Y	Y	
FWS	Quilcene NFH	Quilcene	48,000	48,000	304,000	0	400,000	Y	Y	
FWS	Quilcene NFH	Quilcene	45,000	0	155,000	0	200,000	Y	Y	Quilcene Bay release
<b>Total Coho</b>			<b>213,000</b>	<b>168,000</b>	<b>1,119,000</b>	<b>0</b>	<b>1,500,000</b>			

**Total Coho Production 1,500,000**  
**Total Percent Marked 89%**

## FWS NORTH COAST AND PUGET SOUND 2006 COHO MASS MARKING

2/6/2006

Species: Coho  
 Area: North Coast and Puget Sound  
 Brood: 2005  
 Release Year: 2007

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments	
			Ad Clipped	Uncipped	Ad Clipped	Uncipped				Total Production
FWS	Makah NFH	Makah	40,000	0	40,000	120,000	0	200,000	Y	
FWS	Makah NFH	Makah	0	0	0	40,000	0	40,000	Y	Educket Cr. Release
FWS	Quinalt NFH	Quinalt	80,000	0	80,000	500,000	0	660,000	Y	
FWS	Quilcene NFH	Quilcene	48,000	0	48,000	304,000	0	400,000	Y	
FWS	Quilcene NFH	Quilcene	45,000	0	0	155,000	0	200,000	Y	Quilcene Bay Release
<b>Total Coho</b>			<b>213,000</b>	<b>168,000</b>	<b>1,119,000</b>	<b>0</b>	<b>1,500,000</b>			

**Total Coho Production 1,500,000**  
**Total Percent Marked 89%**

# FWS NORTH COAST AND PUGET SOUND 2005 COHO MASS MARKING

4/27/2005

Species: Coho  
 Area: North Coast and Puget Sound  
 Brood: 2004  
 Release Year: 2006

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped			
FWS	Makah NFH	Makah	40,000	0	40,000	170,000	Y	Y	
FWS	Makah NFH	Makah	0	0	0	50,000	Y	Y	Educket Cr. Release
FWS	Quinalt NFH	Quinalt	80,000	80,000	0	440,000	Y	Y	
FWS	Quinalt NFH	Quinalt	0	0	0	60,000	Y	Y	Camp 7 Pond Release
FWS	Quicene NFH	Quicene	48,000	48,000	0	304,000	Y	Y	
FWS	Quicene NFH	Quicene	45,000	0	0	155,000	Y	Y	Quicene Bay Release
<b>Total Coho</b>			<b>213,000</b>	<b>168,000</b>	<b>168,000</b>	<b>1,179,000</b>	<b>0</b>	<b>1,560,000</b>	

**Total Coho Production 1,560,000**  
**Total Percent Marked 89%**

# FWS COLUMBIA RIVER 2010 STEELHEAD MASS MARKING

1/8/2010

Species: Steelhead  
 Area: Columbia River  
 Brood: 2010  
 Release Year: 2011

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Eagle Creek NFH	Eagle Creek	0	0	0	90,000	0	90,000	Y	ADRV clip
FWS	Winthrop NFH	Wells/methow	100,000	0	0	100,000	0	100,000	Y	
FWS	Abermathy FTC	Abermathy	20,000	0	0	20,000	0	20,000	Y	
FWS	Dworshak NFH	Dworshak	180,000	0	2,000,000	0	2,180,000	0	Y	1.2M Released On-station
FWS	Dworshak NFH	Dworshak	0	0	0	220,000	220,000	220,000	N	Lolo Cr., M. Fk. Clearwater R. Restoration
FWS	Hagerman NFH	Salmon River	80,000	0	1,020,000	0	1,100,000	0	Y	Marked by IDFG
<b>Total steelhead</b>			<b>380,000</b>	<b>0</b>	<b>3,110,000</b>	<b>220,000</b>	<b>3,710,000</b>	<b>3,710,000</b>		

**Total Steelhead Production 3,710,000**  
**Total Percent Marked 94%**

# FWS COLUMBIA RIVER 2009 STEELHEAD MASS MARKING

1/23/2009

Species: Steelhead  
 Area: Columbia River  
 Brood: 2009  
 Release Year: 2010

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Eagle Creek NFH	Eagle Creek	0	0	100,000	0	Y	Y	ADRV clip
FWS	Winthrop NFH	Wells/methow	100,000	0	0	0	Y	Y	
FWS	Abermathy FTC	Abermathy	20,000	0	0	0	Y	Y	
FWS	Dworshak NFH	Dworshak	180,000	0	1,720,000	0	Y	Y	1.2M Released On-station
FWS	Dworshak NFH	Dworshak	0	200,000	0	0	N	N	Lolo Cr., Middle Fk. Clearwater Release
FWS	Hagerman NFH	Salmon River	80,000	0	1,020,000	0	Y	Y	Marked by IDFG
<b>Total steelhead</b>			<b>380,000</b>	<b>200,000</b>	<b>2,840,000</b>	<b>0</b>	<b>0</b>	<b>3,420,000</b>	

**Total Steelhead Production 3,420,000**  
**Total Percent Marked 94%**

# FWS COLUMBIA RIVER 2008 STEELHEAD MASS MARKING

1/15/2008

Species: Steelhead  
 Area: Columbia River  
 Brood: 2008  
 Release Year: 2009

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Eagle Creek NFH	Eagle Creek	0	0	100,000	0	Y	Y	ADRV clip
FWS	Winthrop NFH	Wells	0	0	100,000	0	Y	Y	
FWS	Abernathy FTC	Abernathy	20,000	0	0	0	Y	Y	
FWS	Dworshak NFH	Dworshak	150,000	0	1,750,000	0	Y	Y	1.2M Released On-station
FWS	Dworshak NFH	Dworshak	0	200,000	0	0	N	N	S. Fk. Clearwater Release
FWS	Hagerman NFH	Salmon River	80,000	0	1,120,000	0	Y	Y	Marked by IDFG
<b>Total steelhead</b>			<b>250,000</b>	<b>200,000</b>	<b>3,070,000</b>	<b>0</b>	<b>0</b>	<b>3,520,000</b>	

**Total Steelhead Production 3,520,000**  
**Total Percent Marked 94%**

# FWS COLUMBIA RIVER 2007 STEELHEAD MASS MARKING

1/26/2007

Species: Steelhead  
 Area: Columbia River  
 Brood: 2007  
 Release Year: 2008

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Eagle Creek NFH	Eagle Creek	0	0	150,000	0	Y	Y	ADRV clip
FWS	Winthrop NFH	Wells	100,000	0	0	0	Y	Y	
FWS	Abernathy FTC	Abernathy	20,000	0	0	0	Y	Y	
FWS	Dworshak NFH	Dworshak	120,000	0	1,880,000	0	Y	Y	1.2M Released On-station
FWS	Dworshak NFH	Dworshak	0	200,000	0	0	N	N	S. Fk. Clearwater Release
FWS	Hagerman NFH	Salmon River	80,000	0	1,120,000	0	Y	Y	Marked by IDFG
<b>Total steelhead</b>			<b>320,000</b>	<b>200,000</b>	<b>3,150,000</b>	<b>0</b>	<b>0</b>	<b>3,670,000</b>	

**Total Steelhead Production 3,670,000**  
**Total Percent Marked 95%**

## FWS COLUMBIA RIVER 2006 STEELHEAD MASS MARKING

2/6/2006

Species: Steelhead  
 Area: Columbia River  
 Brood: 2006  
 Release Year: 2007

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncolipped	Ad Clipped	Uncolipped			
FWS	Eagle Creek NFH	Eagle Creek	150,000	0	0	0	Y	Y	
FWS	Dworshak NFH	Dworshak	120,000	0	1,780,000	0	Y	Y	1.2M Released On-station
FWS	Dworshak NFH	Dworshak	0	200,000	0	0	N	N	S. Fk. Clearwater Release
FWS	Hagerman NFH	Salmon River	80,000	0	1,120,000	0	Y	Y	
<b>Total steelhead</b>			<b>350,000</b>	<b>200,000</b>	<b>2,900,000</b>	<b>0</b>	<b>0</b>	<b>3,450,000</b>	

**Total Steelhead Production 3,450,000**  
**Total Percent Marked 94%**

# FWS COLUMBIA RIVER 2005 STEELHEAD MASS MARKING

4/27/2005

Species: Steelhead  
 Area: Columbia River  
 Brood: 2005  
 Release Year: 2006

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncolipped	Ad Clipped	Uncolipped			
FWS	Eagle Creek NFH	Eagle Creek	150,000	0	0	0	Y	Y	
FWS	Dworshak NFH	Dworshak	120,000	0	1,780,000	0	Y	Y	1.2M Released On-station
FWS	Dworshak NFH	Dworshak	0	200,000	0	0	N	N	S. Fk. Clearwater Release
IDFG	Clearwater Anad. Hatchery	Dworshak	0	150,000	0	0	N	N	Tagged by FWS
<b>Total steelhead</b>			<b>270,000</b>	<b>350,000</b>	<b>1,780,000</b>	<b>0</b>	<b>0</b>	<b>2,400,000</b>	

**Total Steelhead Production 2,400,000**  
**Total Percent Marked 85%**

# FWS NORTH COAST AND PUGET SOUND 2010 STEELHEAD MASS MARKING

1/8/2010

Species: Steelhead  
 Area: North Coast and Puget Sound  
 Brood: 2010  
 Release Year: 2011

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped				
FWS	Makah NFH	Sooes River	0	0	0	158,000	0	Y	N	
FWS	Makah NFH	Sooes River	0	0	0	22,000	0	Y	N	Educket Cr. release
FWS	Quinault NFH	Cook Creek/Quinault	20,000	0	0	170,000	0	Y	N	
FWS	Quinault NFH	Cook Creek/Quinault	10,000	0	0	40,000	0	Y	Y	Hoh R. direct stream release
FWS	Quinault NFH	Cook Creek/Quinault	10,000	0	0	40,000	0	Y	Y	Chalaat Ck. transfer
<b>Total Steelhead</b>			<b>40,000</b>	<b>0</b>	<b>0</b>	<b>430,000</b>	<b>0</b>			

**Total Steelhead Production 470,000**  
**Total Percent Marked 100%**

## FWS NORTH COAST AND PUGET SOUND 2009 STEELHEAD MASS MARKING

2/5/2009

Species: Steelhead  
 Area: North Coast and Puget Sound  
 Brood: 2009  
 Release Year: 2010

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncolipped	Ad Clipped	Uncolipped			
FWS	Makah NFH	Sooes River	0	0	158000	0	Y	N	
FWS	Makah NFH	Sooes River	0	0	22000	0	Y	N	Educket Cr. release
FWS	Quinault NFH	Cook Creek/Quinault	20,000	0	170000	0	Y	N	
FWS	Quinault NFH	Cook Creek/Quinault	10,000	0	40000	0	Y	Y	Hoh R. direct stream release
FWS	Quinault NFH	Cook Creek/Quinault	10,000	0	40000	0	Y	Y	Chalaaat Ck. transfer
<b>Total Steelhead</b>			<b>40,000</b>	<b>0</b>	<b>430,000</b>	<b>0</b>			
<b>Total Steelhead Production</b>									
<b>Total Percent Marked</b>									

**Total Steelhead Production 470,000**  
**Total Percent Marked 100%**

# FWS NORTH COAST AND PUGET SOUND 2008 STEELHEAD MASS MARKING

1/15/2008

Species: Steelhead  
 Area: North Coast and Puget Sound  
 Brood: 2008  
 Release Year: 2009

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped			
FWS	Makah NFH	Sooes River	0	0	0	158,000	N	N	
FWS	Makah NFH	Sooes River	0	0	0	22,000	N	N	Educket Cr. release
FWS	Quinault NFH	Cook Creek/Quinault	20,000	0	0	170,000	N	N	
FWS	Quinault NFH	Cook Creek/Quinault	10,000	0	40,000	0	Y	Y	Hoh R. direct stream release
FWS	Quinault NFH	Cook Creek/Quinault	10,000	0	40,000	0	Y	Y	Chalaaat Ck. transfer
<b>Total Steelhead</b>			<b>40,000</b>	<b>0</b>	<b>80,000</b>	<b>350,000</b>			
<b>Total Steelhead Production</b>						<b>470,000</b>			
<b>Total Percent Marked</b>									<b>26%</b>

# FWS NORTH COAST AND PUGET SOUND 2007 STEELHEAD MASS MARKING

1/26/2007

Species: Steelhead  
 Area: North Coast and Puget Sound  
 Brood: 2007  
 Release Year: 2008

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncolipped	Ad Clipped	Uncolipped			
FWS	Makah NFH	Makah	0	0	0	158,000	N	Y	
FWS	Makah NFH	Makah	0	0	0	22,000	N	Y	Educket Cr. release
FWS	Quinault NFH	Quinault	20,000	0	0	170,000	N	Y	
FWS	Quinault NFH	Quinault	10,000	0	40,000	0	Y	Y	Hoh R. direct stream release
FWS	Quinault NFH	Quinault	10,000	0	40,000	0	Y	Y	Chalaaat Ck. transfer
<b>Total Steelhead</b>			<b>40,000</b>	<b>0</b>	<b>80,000</b>	<b>350,000</b>			
<b>Total Steelhead Production</b>							<b>470,000</b>		
<b>Total Percent Marked</b>								<b>26%</b>	

## FWS NORTH COAST AND PUGET SOUND 2006 STEELHEAD MASS MARKING

2/6/2006

Species: Steelhead  
 Area: North Coast and Puget Sound  
 Brood: 2006  
 Release Year: 2007

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Uncipped	Ad Clipped	Uncipped			
FWS	Makah NFH	Makah	0	0	0	158,000	Y	Y	
FWS	Makah NFH	Makah	0	0	0	22,000	Y	Y	
FWS	Quinalt NFH	Quinalt	20,000	0	0	170,000	Y	Y	Educket Cr. Release
<b>Total Steelhead</b>			<b>20,000</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>370,000</b>

**Total Steelhead Production 370,000**  
**Total Percent Marked 100%**

# FWS NORTH COAST AND PUGET SOUND 2005 STEELHEAD MASS MARKING

4/27/2005

Species: Steelhead  
 Area: North Coast and Puget Sound  
 Brood: 2005  
 Release Year: 2006

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Makah NFH	Makah	0	0	175,000	0	Y	Y	
FWS	Makah NFH	Makah	0	0	25,000	0	Y	Y	
FWS	Quinault NFH	Quinault	20,000	0	170,000	0	Y	Y	Educket Cr. Release
<b>Total Steelhead</b>			<b>20,000</b>	<b>0</b>	<b>370,000</b>	<b>0</b>			

**Total Steelhead Production 390,000**

**Total Steelhead Production 390,000**  
**Total Percent Marked 100%**

**FWS SACRAMENTO RIVER 2010 STEELHEAD MASS MARKING**

12/28/2009

Species: Steelhead  
 Area: Sacramento River  
 Brood: 2010  
 Release Year: 2011  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Coleman NFH	Battle Creek Steelhead	2010	Jan 2011	0	0	600,000	0	Y	Y	
<b>Total Steelhead</b>					<b>0</b>	<b>0</b>	<b>600,000</b>	<b>0</b>	<b>Y</b>	<b>Y</b>	

**Total Steelhead Production 600,000**  
**Total Percent Marked 100%**

# FWS SACRAMENTO RIVER 2009 STEELHEAD MASS MARKING

12/28/2009

Species: Steelhead  
 Area: Sacramento River  
 Brood: 2009  
 Release Year: 2010  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Coleman NFH	Battle Creek Steelhead	2009	Jan 2010	0	0	0	600,000	Y	Y	Actual production was 594,000
<b>Total Steelhead</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>	<b>Y</b>	<b>Y</b>	

**Total Steelhead Production 600,000**  
**Total Percent Marked 100%**

# FWS SACRAMENTO RIVER 2008 STEELHEAD MASS MARKING

12/28/2009

Species: Steelhead  
 Area: Sacramento River  
 Brood: 2008  
 Release Year: 2009  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Coleman NFH	Battle Creek Steelhead	2008	Jan 2009	0	0	0	600,000	Y	Y	Actual production was 667,000
<b>Total Steelhead</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>	<b>Y</b>	<b>Y</b>	

**Total Steelhead Production 600,000**  
**Total Percent Marked 100%**

**FWS SACRAMENTO RIVER 2007 STEELHEAD MASS MARKING**

12/28/2009

Species: Steelhead  
 Area: Sacramento River  
 Brood: 2007  
 Release Year: 2008

Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments	
					Ad Clipped	Unclipped	Ad Clipped	Unclipped				Total Production
FWS	Coleman NFH	Battle Creek Steelhead	2007	Jan 2008	0	0	0	600,000	0	600,000	Y	Actual production was 641,000
<b>Total Steelhead</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>	<b>0</b>	<b>600,000</b>		

**Total Steelhead Production 600,000**  
**Total Percent Marked 100%**

# FWS SACRAMENTO RIVER 2006 STEELHEAD MASS MARKING

12/28/2009

Species: Steelhead  
 Area: Sacramento River  
 Brood: 2006  
 Release Year: 2007  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Coleman NFH	Battle Creek Steelhead	2006	Jan 2007	0	0	0	600,000	Y	Y	Actual production was 673,000
<b>Total Steelhead</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>	<b>Y</b>	<b>Y</b>	

**Total Steelhead Production 600,000**  
**Total Percent Marked 100%**

# FWS SACRAMENTO RIVER 2005 STEELHEAD MASS MARKING

12/28/2009

Species: Steelhead  
 Area: Sacramento River  
 Brood: 2005  
 Release Year: 2006  
 Program Levels: Actual releases and marking levels may be somewhat higher or lower depending on actual rearing cycle.

Agency	Hatchery	Stock	Brood Year	Approx. Release Date	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)	Comments
					Ad Clipped	Unclipped	Ad Clipped	Unclipped			
FWS	Coleman NFH	Battle Creek Steelhead	2005	Jan 2006	0	0	0	600,000	Y	Y	Actual production was 607,000
<b>Total Steelhead</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>	<b>Y</b>	<b>Y</b>	

**Total Steelhead Production 600,000**  
**Total Percent Marked 100%**