

Information page for enclosed trapping summaries

General Information

1. All data are preliminary, are subject to revision, and should be cited as such.
2. Trapping numbers and totals at Junction City and Willow Creek weirs are **not** total population estimates.
3. Fish trapped at the weirs are a sub-sample of the population. These fish are tagged for the purpose of estimating the population size using what is known as a "mark and recapture" estimator. Population estimates are formulated at the end of each run year.
4. Trinity River Hatchery totals are actual counts reflective of all fish which have entered and been processed at the facility.
5. Tags placed on fish trapped at the weirs are used for population estimates and angler harvest estimates.
6. Fishing is not allowed within 750 feet of the weirs which are marked with signs at the upstream and downstream ends of the closure.
7. Fin clip totals (AD and RM) at the weirs and hatchery are used to estimate the hatchery contributions to each run. Currently, 100% of the steelhead (AD clip) and coho (RM clip) are marked at the hatchery prior to release as juveniles. Chinook salmon (AD clip) are marked at a rate of approximately 25% prior to release.
8. Weir installation and removal dates are variable from year to year and are affected by river flow and funding levels.
9. Previous year totals are not always for the same time periods and should not be used for absolute comparisons, note installation date notes for each site.
10. Adult and grilse (jack) counts are based on provisional cut-off sizes. The actual composition of the run is determined post season.

Junction City weir

1. The Junction City weir is designed to capture and estimate the population of spring Chinook salmon and is typically operated from June or early July (depending on river flow) through September. The weir is "fished" Sunday evening through Friday afternoon. The weir is not fished on weekends and afternoons to allow fish passage.
2. Fall Chinook, steelhead, coho and brown trout are also captured at Junction City weir. We do not attempt make population estimates for these species at Junction City weir.
3. Chinook salmon are tagged with a "spaghetti tag" which is pvc tubing placed behind the dorsal fin. Each tag has a number and is inscribed with our address.
4. Brown trout and steelhead are tagged with a "floy" tag which is inserted below the dorsal fin. Floy tags are short pieces of tubing inserted into the side of the fish and are also inscribed with our address. Not all non-target species are marked in each year.

Willow Creek weir

1. The Willow Creek weir is designed to capture and estimate the population of fall Chinook salmon, coho salmon and adult fall-run steelhead and is typically operated from late August through November (flows permitting). The weir is "fished" Sunday evening through Friday afternoon. The weir is generally not fished on weekends and afternoons to allow for fish passage.
2. The tail end of the spring Chinook run is captured at Willow Creek, however we do not attempt to estimate this run of Chinook at Willow Creek weir.
3. All fish deemed in good condition at Willow Creek weir are tagged with spaghetti tags inscribed with our address.

Trinity River Hatchery

1. Hatchery summaries are not always posted on a weekly basis due to the large amount of data collection and entry.
2. All hatchery totals are complete counts of what has been processed at the facility.
3. Hatchery totals do not include fish which are being held in on-site ponds for ripening and future spawning.
4. There is a break in spawning operations, usually in October, to facilitate separation of spring- and fall-run Chinook salmon.
5. The hatchery serves as our main recovery point for fish tagged at the two weirs.

Junction City Weir trapping summary for the 2015 season. ¹

Julian week	Inclusive dates	Trap days	Chinook						Coho						Steelhead						Brown trout					
			Grilse ²		Adults		Combined		Grilse ²		Adults		Combined		1/2 lbers ²		Adults		Combined		<42 cm	>41 cm	Total			
			Total	Ads ³	Total	Ads ³	Total	Ads ³	Total	RMs ³	Total	RMs ³	Total	RMs ³	Total	Ads ³	Total	Ads ³	Total	Ads ³						
23	4-Jun --- 10-Jun	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	11-Jun --- 17-Jun	5	0	0	11	3	11	3	0	0	0	0	0	0	0	0	0	2	0	2	0	1	6	7		
25	18-Jun --- 24-Jun	5	1	0	29	5	30	5	0	0	0	0	0	0	0	0	1	0	1	0	0	5	5			
26	25-Jun --- 1-Jul	5	1	1	71	16	72	17	0	0	0	0	0	0	0	0	7	2	7	2	4	12	16			
27	2-Jul --- 8-Jul	7	0	0	78	17	78	17	0	0	0	0	0	0	1	0	14	1	15	1	4	30	34			
28	9-Jul --- 15-Jul	5	0	0	4	0	4	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	1			
29	16-Jul --- 22-Jul	5	7	1	74	7	81	8	0	0	0	0	0	0	1	0	22	2	23	2	2	3	5			
30	23-Jul --- 29-Jul	5	7	1	39	4	46	5	0	0	0	0	0	0	0	0	4	0	4	0	1	0	1			
31	30-Jul --- 5-Aug	4	2	0	10	1	12	1	0	0	0	0	0	0	0	0	1	0	1	0		0	0			
32	6-Aug --- 12-Aug	5	2	0	4	1	6	1	0	0	0	0	0	0	0	0	1	0	1	0		0	0			
33	13-Aug --- 19-Aug	2	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0			
34	20-Aug --- 26-Aug						0	0					0	0					0	0			0			
35	27-Aug --- 2-Sep																									
36	3-Sep --- 9-Sep																									
37	10-Sep --- 16-Sep																									
38	17-Sep --- 23-Sep																									
39	24-Sep --- 30-Sep																									
40	1-Oct --- 7-Oct																									
2015 Season Totals:		49	21	3	322	54	343	57	0	0	0	0	0	0	2	0	54	5	56	5	12	57	69			
For comparison:																										
2014 Season Totals⁴:		61	84	13	943	144	1018	157	0	0	0	0	0	0	4	1	29	1	33	2	34	151	185			

JC Weir removed 08/18 for Boat Dance flows, then remained out after due to Fall augmentation flows to cool lower Klamath.

Notes:

- 1/ Summary based on real time unedited data. Not to be used for analysis.
- 2/ This final iteration for the season is using minimum adult size of 54 for Chinook and coho >50 cm FL. Steelhead <42 cm FL are considered half-pounders.
- 3/ Ads denote adipose fin-clipped fish; RMs denote right maxillary clipped fish. Both clip counts are a subset of the total shown.
- 4/ Totals are for entire season

Willow Creek Weir trapping summary for the 2015 season. ¹

Julian week	Inclusive dates	Trap days	Chinook								Coho						Steelhead					
			Grilse ²		Adults		Combined		Grilse ²		Adults		Combined		1/2 lbers ²		Adults		Combined			
			Total	Ads ³	Total	Ads ³	Total	Ads ³	Total	RM's ³	Total	RM's ³	Total	RM's ³	Total	Ads ³	Total	Ads ³	Total	Ads ³		
35	27-Aug --- 2-Sep	5	6	0	18	1	24	1	0	0	0	0	0	0	3	2	52	34	55	36		
36	3-Sep -- 9-Sep	5	7	0	18	1	25	1	1	0	0	0	1	0	2	2	19	18	21	20		
37	10-Sep -- 16-Sep	3	1	0	2	0	3	0	0	0	0	0	0	0	2	1	31	27	33	28		
38	17-Sep -- 23-Sep	5	31	0	67	7	98	7	5	5	6	5	11	10	8	8	110	88	118	96		
39	24-Sep -- 30-Sep	5	55	4	95	16	150	20	7	6	19	16	26	22	8	8	100	86	108	94		
40	1-Oct -- 7-Oct	5	18	0	96	12	114	12	9	9	40	30	49	39	7	6	103	89	110	95		
41	8-Oct -- 14-Oct	5	13	1	52	6	65	7	41	40	118	95	159	135	20	19	311	263	331	282		
42	15-Oct -- 21-Oct	5	8	2	40	10	48	12	26	23	119	96	145	119	9	8	246	195	255	203		
43	22-Oct -- 28-Oct	5	15	1	73	4	88	5	7	6	26	20	33	26	2	2	34	21	36	23		
44	29-Oct -- 4-Nov	5	14	1	69	11	83	12	2	2	28	22	30	24	2	2	116	74	118	76		
45	5-Nov -- 11-Nov	5	10	0	36	5	46	5	1	1	16	12	17	13	1	1	28	18	29	19		
46	12-Nov -- 18-Nov	5	12	0	75	7	87	7	0	0	12	10	12	10	1	1	33	17	34	18		
47	19-Nov -- 25-Nov	5	1	0	41	3	42	3	1	1	8	6	9	7	0	0	32	18	32	18		
48	26-Nov -- 2-Dec	4	0	0	2	0	2	0	0	0	2	2	2	2	0	0	0	0	0	0		
49	3-Dec 9-Dec						0	0					0	0					0	0		
50	10-Dec 16-Dec						0	0					0	0					0	0		
2015 Season Totals:		67	191	9	684	83	875	92	100	93	394	314	494	407	65	60	1,215	948	1,280	1,008		
2014 Season Totals:		43	163	4	908	134	1,071	138	293	284	803	729	1,096	1,013	103	83	1,004	432	1,107	515		

Notes:

1/ Summary based on real time unedited data. Not to be used for analysis.

2/ For the final counts the maximum jack size for Chinook is 53 and for coho is 50 cm FL. Steelhead <42 cm FL are considered half-pounders.

3/ Ads denote adipose fin-clipped fish; RMs denote right maxillary clipped fish. Both clip counts are a subset of the total shown.

4/ Weir out of operation for 4 days during jweek 38 due to emergency augmentation flow release from Lewiston Dam

Note: One brown trout (JWeek 38), one sockeye (JWeek 43) and one chum salmon were also caught at the WCW during 2015.

Trinity River Hatchery trapping summary for the 2015-16 season. ^{1/}

Julian week	Inclusive dates	Chinook						Coho						Steelhead	
		Grilse ²		Adults		Combined		Grilse 2/		Adults		Combined		Adults	
		Total	Ads ³	Total	Ads ³	Total	Ads ³	Total	RMs ³	Total	RMs ³	Total	RMs ³	Total	Ads ³
35	2-Sep					0	0					0	0		
36	3-Sep -- 9-Sep	15	1	154	31	169	32	0	0	0	0	0	0	2	2
37	10-Sep -- 16-Sep	94	16	152	30	246	46	0	0	0	0	0	0	17	16
38	17-Sep -- 23-Sep	46	9	799	186	845	195	0	0	0	0	0	0	24	23
39	24-Sep -- 30-Sep	58	11	369	77	427	88	0	0	1	1	1	1	15	14
40	1-Oct -- 7-Oct	24	7	170	25	194	32	5	5	5	5	10	10	7	7
41	8-Oct -- 14-Oct	3	0	104	20	107	20	0	0	3	3	3	3	0	0
42	15-Oct -- 21-Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Spring Chinook subtotal:		240	44	1,748	369	1,988	413								
43	22-Oct -- 28-Oct	74	15	280	67	354	82	50	49	303	292	353	341	44	44
44	29-Oct -- 4-Nov	74	10	843	187	917	197	87	85	99	51	186	136	74	73
45	5-Nov -- 11-Nov	34	11	319	84	353	95	62	61	242	191	304	252	40	40
46	12-Nov -- 18-Nov	27	6	825	172	852	178	29	28	688	618	717	646	60	60
47	19-Nov -- 25-Nov	14	2	622	132	636	134	31	28	1,235	1,192	1,266	1,220	86	84
48	26-Nov -- 2-Dec	3	0	155	40	158	40	4	4	160	136	164	140	39	38
49	3-Dec -- 9-Dec	1	1	78	22	79	23	10	10	250	216	260	226	74	74
50	10-Dec -- 16-Dec	0	0	4	0	4	0	0	0	55	53	55	53	672	671
51	17-Dec -- 23-Dec	0	0	0	0	0	0	0	0	11	9	11	9	176	174
52	24-Dec -- 31-Dec	0	0	0	0	0	0	0	0	7	3	7	3	228	227
1	1-Jan -- 7-Jan	0	0	0	0	0	0	0	0	0	0	0	0	93	92
2	8-Jan -- 14-Jan	0	0	0	0	0	0	0	0	0	0	0	0	305	302
3	15-Jan -- 21-Jan	0	0	0	0	0	0	0	0	0	0	0	0	341	338
4	22-Jan -- 28-Jan	0	0	0	0	0	0	0	0	0	0	0	0	451	445
5	29-Jan -- 4-Feb	0	0	0	0	0	0	0	0	0	0	0	0	238	230
6	5-Feb -- 11-Feb	0	0	0	0	0	0	0	0	0	0	0	0	107	106
7	12-Feb -- 18-Feb	0	0	0	0	0	0	0	0	0	0	0	0	77	75
8	19-Feb -- 25-Feb	0	0	0	0	0	0	0	0	0	0	0	0	66	65
9	26-Feb -- 4-Mar	0	0	0	0	0	0	0	0	0	0	0	0	20	19
10	5-Mar -- 11-Mar	0	0	0	0	0	0	0	0	0	0	0	0	16	16
11	12-Mar -- 18-Mar														
2015 Fall Chinook subtotal:		227	45	3,126	704	3,353	749								
2015 Season Totals:		467	89	4,874	1,073	5,341	1,162	278	270	3,059	2,770	3,337	3,040	3,272	3,235
2014 Season Totals: ^{4,5}		619	144	10,128	2,297	10,749	2,441	1,001	996	2,273	2,219	3,274	3,215	2,550	2,488

Notes:

1/ Finals reported for the 2015-16 sampling season.

2/ In 2015-16, maximum jack size for Chinook is 52cm FL and for coho is 50 cm FL. Steelhead <42 cm FL are considered half-pounders.

3/ Ads denote adipose fin-clipped fish; RMs denote right maxillary clipped fish. Both clip counts are a subset of the total shown.

4/ Totals reflect only the numbers of fish which have been processed; fish held for ripening are not included in totals shown.

5/ In 2015, Chinook processed prior to Julian week 42 are considered spring Chinook, those after Julian week 42 are considered fall Chinook.