

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 passgae.
2. The tail end of the spring Chinook run can be 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 2016 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						
29	16-Jul --- 22-Jul	3	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0
30	23-Jul --- 29-Jul	5	3	1	10	2	13	3	0	0	0	0	0	0	0	0	0	8	7	10	7	0	1	1		
31	30-Jul --- 5-Aug	5	8	0	8	1	16	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	3	4		
32	6-Aug --- 12-Aug	5	6	2	6	0	12	2	0	0	0	0	0	0	0	0	0	1	1	1	1	0	3	3		
33	13-Aug --- 19-Aug	5	22	7	17	2	39	9	0	0	0	0	0	0	0	0	0	6	1	6	1	0	1	1		
34	20-Aug --- 26-Aug	5	1	0	7	0	8	0	0	0	0	0	0	0	0	0	0	4	3	4	3	0	0	0		
35	27-Aug --- 2-Sep	5	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	14	11	14	11	0	0	0		
36	3-Sep --- 9-Sep	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	1	2	1	0	0	0		
37	10-Sep --- 16-Sep	5	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	3	2	3	2	0	0	0		
38	17-Sep --- 23-Sep	5	1	1	8	1	9	2	0	0	0	0	0	0	0	0	0	8	6	11	6	0	0	0		
39	24-Sep --- 30-Sep	5	7	0	38	5	45	5	0	0	0	0	0	0	0	0	0	10	8	12	8	0	1	1		
2016 Season Totals:		52	49	11	105	11	154	22	0	0	0	0	0	0	0	0	7	0	60	41	67	41	1	9	10	
For comparison:																										
2015 Season Totals⁴:		49	21	3	322	54	343	57	0	0	0	0	0	0	0	0	2	0	54	5	56	5	12	57	69	
2014 Season Totals:		61	84	13	943	144	1,018	157	0	0	0	0	0	0	0	0	4	1	29	1	33	2	34	151	185	
2013 Season Totals:		74	20	3	813	140	833	149	0	0	1	0	1	0	0	0	0	84	31	84	31	44	188	232		

Notes:

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

2/ Preliminarily we use a minimum adult size of 55 cm Fork Length (FL) for both Chinook and coho salmon. 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 2016 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	RMs ³	Total	RMs ³	Total	RMs ³	Total	Ads ³	Total	Ads ³	Total	Ads ³			
34	20-Aug -- 26-Aug	1	2	1	4	0	6	1	0	0	0	0	0	0	0	0	0	0	9	2	9	2	
35	27-Aug -- 2-Sep	5	3	1	53	0	56	1	0	0	0	0	0	0	0	0	0	3	0	122	57	125	57
36	3-Sep -- 9-Sep	5	10	0	60	2	70	2	0	0	0	0	0	0	0	0	0	1	0	52	23	53	23
37	10-Sep -- 16-Sep	5	17	0	67	4	84	4	1	1	0	0	1	1	10	6	90	45	100	51	100	51	
38	17-Sep -- 23-Sep	5	18	2	69	5	87	7	0	0	0	0	0	0	11	4	88	52	99	56	99	56	
39	24-Sep -- 30-Sep	5	23	1	95	12	118	13	0	0	0	0	0	0	5	4	92	60	97	64	97	64	
40	1-Oct -- 7-Oct						0	0					0	0							0	0	
41	8-Oct -- 14-Oct						0	0					0	0							0	0	
42	15-Oct -- 21-Oct						0	0					0	0							0	0	
43	22-Oct -- 28-Oct						0	0					0	0							0	0	
44	29-Oct -- 4-Nov						0	0					0	0							0	0	
45	5-Nov -- 11-Nov						0	0					0	0							0	0	
46	12-Nov -- 18-Nov						0	0					0	0							0	0	
47	19-Nov -- 25-Nov						0	0					0	0							0	0	
48	26-Nov -- 2-Dec						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	
2016 Season Totals:		26	73	3	348	23	421	28	1	1	0	0	1	0	30	14	453	239	483	253	483	253	
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	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	1,107	515	
2013 Season Totals:		73	155	2	668	73	823	75	77	73	494	381	571	454	112	62	2,033	898	2,145	960	2,145	960	

Notes:

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

Trinity River Hatchery trapping summary for the 2016-17 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		
36	3-Sep -- 9-Sep	33	6	143	34	176	40	0	0	0	0	0	0	0	0	0	
37	10-Sep -- 16-Sep	72	11	339	72	411	83	0	0	0	0	0	0	0	4	4	
38	17-Sep -- 23-Sep	121	26	482	115	603	141	0	0	0	0	0	0	0	4	4	
39	24-Sep -- 30-Sep	74	20	411	98	485	118	0	0	0	0	0	0	0	3	3	
40	1-Oct -- 7-Oct					0	0					0	0				
41	8-Oct -- 14-Oct					0	0					0	0				
42	15-Oct -- 21-Oct					0	0					0	0				
2016 Spring Chinook subtotal:		300	63	1,375	319	1,675	382										
43	22-Oct -- 28-Oct					0	0					0	0				
44	29-Oct -- 4-Nov					0	0					0	0				
45	5-Nov -- 11-Nov					0	0					0	0				
46	12-Nov -- 18-Nov					0	0					0	0				
47	19-Nov -- 25-Nov					0	0					0	0				
48	26-Nov -- 2-Dec					0	0					0	0				
49	3-Dec -- 9-Dec					0	0					0	0				
50	10-Dec -- 16-Dec					0	0					0	0				
51	17-Dec -- 23-Dec					0	0					0	0				
52	24-Dec -- 31-Dec					0	0					0	0				
1	1-Jan -- 7-Jan					0	0					0	0				
2	8-Jan -- 14-Jan					0	0					0	0				
3	15-Jan -- 21-Jan					0	0					0	0				
4	22-Jan -- 28-Jan					0	0					0	0				
5	29-Jan -- 4-Feb					0	0					0	0				
6	5-Feb -- 11-Feb					0	0					0	0				
7	12-Feb -- 18-Feb					0	0					0	0				
8	19-Feb -- 25-Feb					0	0					0	0				
9	26-Feb -- 4-Mar					0	0					0	0				
10	5-Mar -- 11-Mar					0	0					0	0				
11	12-Mar -- 18-Mar					0	0					0	0				
2016 Fall Chinook subtotal:		0	0	0	0	0	0										
2016 Season Totals:		300	63	1,375	319	1,675	382	0	0	0	0	0	0	0	11	11	
2015 Season Totals: ^{4,5}		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:		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		
2012 Season Totals:		449	92	23,966	5,592	24,415	5,684	949	939	7,289	7,091	8,238	8,030	5,737	5,678		

Notes:

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

2/ Preliminarily we use a minimum adult size of 55 cm Fork Length (FL) for both Chinook and coho salmon. 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 2016, Chinook processed prior to Julian week 42 are considered spring Chinook, those after Julian week 42 are considered fall Chinook.