

Coastal Multi-Species Conservation and Management Plan

Hatchery Program Summaries

2014-2024



Oregon Department of Fish and Wildlife
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Disclaimer

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NOTE: The percentage of smolts/pre-smolts marked is considered 100% if most or all fish released are adipose clipped in an automated marking trailer. Bay and river harvest estimates are derived from harvest card returns or creel surveys. Ocean harvest estimates are based on coded wire tag (CWT) recoveries in ocean fisheries and are not available for all programs.

HATCHERY PROGRAM SUMMARY

Species:	Coho	ID:	NFN-Co
		Stock Name:	Nehalem (32F/32H/99H)¹
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Nehalem	Broodstock Type:	Local, integrated
Management Area/s:	North Fork Nehalem R	Program Duration:	1966 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Nehalem Hatchery	45.1709	-123.8018	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	248	0	0%	372,752	129,286	100%	97,913
2015	312	0	0%	389,442	143,995	100%	86,008
2016	150	0	0%	230,672	137,200	100%	101,609
2017	200	0	0%	197,680	160,317	100%	101,660
2018	124	0	0%	168,482	139,503	100%	106,309
2019	160	0	0%	199,778	165,585	100%	106,845
2020	0	82	100%	137,200	103,652	100%	82,387
2021	0	94	100%	129,925	117,266	100%	100,630
2022	0	101	100%	140,014	116,132	100%	87,997
2023	120	77	39% ²	290,179	259,374	100%	102,026
<i>Average</i>	<i>131</i>	<i>35</i>				<i>100%</i>	<i>97,338</i>
Target	Total ≥ 140 fish					100%	100,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners ^d	Other ^e	Total
2014	N/A	2,560	2.5%	8,482	764	N/A	11,806
2015	N/A	888	0.9%	1,431	0	N/A	2,319
2016	N/A	1,519	1.5%	4,223	261	N/A	6,003
2017	N/A	719	0.7%	909	0	N/A	1,628
2018	N/A	410	0.5%	345	0	N/A	755
2019	N/A	226	0.2%	664	0	N/A	890
2020	N/A	273	0.3%	2,857	N/A	10	3,140
2021	N/A	556	0.5%	2,836	N/A	16	3,408
2022	N/A	187	0.2%	3,602	N/A	4	3,793
2023	N/A	393	0.5%	948	0	99	1,440
2024	N/A	457	0.5%	1,885	0	39	2,381
<i>Average</i>		<i>744</i>	<i>0.7%</i>	<i>2,562</i>	<i>128</i>	<i>34</i>	<i>3,415</i>

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Bay and river harvest divided by smolt release in previous year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Estimates based on carcass recoveries in randomly selected spawning surveys in the population area.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ In brood years 2020-2022, a new integrated stock (32F) was established using 100% natural origin broodstock to replace two segregated hatchery stocks: 32H and 99H. Stock 99H (Fishhawk Lake stock) had been used every third year (e.g. 2011, 2014). Prior to establishment of stock 32F, natural origin coho were not intentionally incorporated into stock 32H or 99H since 1986.

² Hatchery brood were spawned in case production from natural origin brood was not sufficient to meet release target. Actual percentage of natural origin brood for release could not be determined but was substantially higher than estimate shown here.

HATCHERY PROGRAM SUMMARY

Species:	Coho	ID:	TTR-Co
		Stock Name:	Trask River (34F/34H)¹
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Tillamook	Broodstock Type:	Local, integrated
Management Area/s:	Tillamook - Trask R	Program Duration:	1906 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Gold Cr Trap	45.43139	-123.7328	Hatchery	Collect
Trask Hatchery	45.4314	-123.7328	Hatchery	Spawn, Incubate, Rear, Acclimate, Release
Nehalem Hatchery	45.1709	-123.8018	Hatchery	Rear

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	202	0	0%	318,122	174,277	100%	88,090
2015	213	0	0%	226,910	164,749	100%	100,245
2016	322	0	0%	388,864	233,615	100%	100,148
2017	173	0	0%	216,585	148,417	100%	100,793
2018	247	0	0%	287,277	239,488	100%	102,649
2019	259	0	0%	285,425	217,075	100%	97,825
2020	0	94	100%	153,532	144,406	100%	119,837
2021	0	105	100%	147,966	130,502	100%	121,194
2022	0	98	100%	149,940	139,733	100%	126,897
2023	120	94	44% ²	309,321	143,168	100%	110,598
<i>Average</i>	<i>154</i>	<i>39</i>				<i>100%</i>	<i>106,828</i>
Target	Total ≥ 150 fish					100%	100,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners ^d	Other ^e	Total
2014	N/A	1,753	1.7%	6,808	460	N/A	9,021
2015	N/A	829	0.8%	2,162	16	N/A	3,007
2016	N/A	1,149	1.1%	4,222	0	N/A	5,371
2017	N/A	334	0.4%	589	0	N/A	923
2018	N/A	169	0.2%	782	0	N/A	951
2019	N/A	190	0.2%	1,098	0	N/A	1,288
2020	N/A	163	0.2%	2,438	N/A	N/A	2,601
2021	N/A	342	0.3%	2,311	N/A	N/A	2,653
2022	N/A	143	0.1%	1,175	N/A	N/A	1,318
2023	N/A	231	0.2%	622	180	N/A	1,033
2024	N/A	281	0.2%	802	0	N/A	1,083
<i>Average</i>		<i>508</i>	<i>0.5%</i>	<i>2,092</i>	<i>82</i>		<i>2,659</i>

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Bay and river harvest divided by smolt release in previous year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Estimates based on carcass recoveries in randomly selected spawning surveys in the population area.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ In brood years 2020-2022, a new integrated stock (34F) was established using 100% natural origin broodstock to replace the segregated hatchery stock (34H). Natural origin coho had not been incorporated into stock 34H since 1996.

² Hatchery brood were spawned in case production from natural origin brood was not sufficient to meet release target. Actual percentage of natural origin brood for release could not be determined but was substantially higher than estimate shown here.

HATCHERY PROGRAM SUMMARY

Species:	Coho	ID:	SUM-Co
		Stock Name:	South Umpqua/Cow Creek (18H)
SMU:	Coastal	Program Type:	Mitigation
Population Area:	South Umpqua	Broodstock Type:	Local, integrated
Management Area/s:	South Umpqua R	Program Duration:	1987 - Ongoing

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Galesville Dam Trap	42.8494	-123.1795	District	Collect
Rock Cr Hatchery	43.3353	-123.0014	Hatchery	Hold, Spawn, Incubate, Rear
Cow Cr	42.8494	-123.1795	District	Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	64	0	0%	95,058	78,255	100%	60,660
2015	83	0	0%	100,746	93,148	100%	60,883
2016	75	0	0%	89,499	78,644	100%	61,214
2017	77	0	0%	73,408	66,394	100%	61,404
2018	82	11	12%	93,319	86,637	100%	60,338
2019	96	13	12%	110,025	69,501	100%	700 ²
2020	70	11	14%	129,266	124,367	100%	60,476
2021	62	9	13%	95,729	64,068	100%	42,808
2022	0	0	---	---	---	---	0 ³
2023	80	10	11%	109,264	81,081	100%	63,914
<i>Average</i>	<i>69</i>	<i>5</i>	<i>7%</i>			<i>100%</i>	<i>47,240</i>
Target	Total ≥ 74 fish					100%	60,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest	Bay & River Harvest/Smolts Released ^b	Retained at Hatchery ^c	Spawners ^d	Other ^e	Total
2014	N/A	1,788	3.0%	195	1,072	N/A	3,055
2015	N/A	1,368	2.3%	224	583	N/A	2,165
2016	N/A	617	1.0%	407	565	N/A	1,589
2017	N/A	2,303	3.8%	217	251	N/A	2,771
2018	N/A	1,954	3.2%	303	417	N/A	2,674
2019	N/A	963	1.6%	364	604	N/A	1,931
2020	N/A	286	0.5%	510	878	N/A	1,674
2021	N/A	1,028	1.7%	470	337	N/A	1,835
2022	N/A	186	N/A	58 ⁴	41	N/A	285
2023	N/A	444	0.7%	828	56	N/A	1,328
2024	N/A	1,311	3.1%	272	17	N/A	1,600
<i>Average</i>		<i>1,113</i>	<i>2.1%</i>	<i>349</i>	<i>438</i>		<i>1,901</i>

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Bay and river harvest divided by smolt release in previous year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Estimates based on carcass recoveries in randomly selected spawning surveys in the Umpqua basin and Winchester Dam counts.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Due to fire damage at Rock Creek Hatchery, incubation and rearing for brood years 2020-2023 occurred at Cole Rivers Hatchery.

² Almost all 2019 brood year production was lost due to the Archie Creek Fire in 2020.

³ No 2022 brood year production occurred due to a lack of broodstock caused by the loss of nearly all 2019 brood year hatchery production and a very low wild coho salmon return in the South Umpqua.

⁴ All hatchery coho retained in 2022 were jacks.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	NEC-ChF
Run:	Fall	Stock Name:	Trask River (34H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Necanicum R	Broodstock Type:	Non-local
Management Area/s:	Necanicum R	Program Duration:	1997 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Trask Hatchery	45.4314	-123.7328	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release
Gold Cr Trap	45.4314	-123.7328	Hatchery	Collect
Nehalem Hatchery	45.1709	-123.8018	Hatchery	Rear
Necanicum River	46.0115	-123.9274	District	Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	Average Fecundity	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014						100%	25,586
2015						100%	26,460
2016						100%	27,347
2017						100%	26,967
2018			See TTR-ChF ¹			100%	28,220
2019						100%	14,578
2020						100%	27,006
2021						100%	27,118
2022						100%	26,880
2023						100%	28,123
<i>Average</i>						100%	25,829
Target						100%	25,000

HATCHERY RETURNS

N/A = not available; "-" = not applicable

Return Year	Ocean Harvest ^a	Bay & River Harvest ^b	Bay & River Harvest/ Smolts Released ^c	Retained at Hatchery ^d	Spawners	Other ^e	Total
2014	N/A	70	0.3%	-	N/A	N/A	70
2015	N/A	107	0.4%	-	N/A	N/A	107
2016	N/A	84	0.3%	-	N/A	N/A	84
2017	N/A	63	0.2%	-	N/A	N/A	63
2018	N/A	12	0.05%	-	N/A	N/A	12
2019	N/A	21	0.1%	-	N/A	N/A	21
2020	N/A	34	0.1%	-	N/A	N/A	34
2021	N/A	32	0.1%	-	N/A	N/A	32
2022	N/A	24	0.1%	-	N/A	N/A	24
2023	N/A	20	0.1%	-	N/A	N/A	20
2024	N/A	14	0.1%	-	N/A	N/A	14
<i>Average</i>		44	0.2%				44

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^c Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^d Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Fingerlings from TTR-ChF program are reared at Nehalem Hatchery from June-September for NEC-ChF smolt release.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	TTR-ChF
Run:	Fall	Stock Name:	Trask River (34H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Tillamook	Broodstock Type:	Local, Segregated
Management Area/s:	Tillamook - Trask R	Program Duration:	1906 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Trask Hatchery	45.4314	-123.7328	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release
Gold Cr Trap	45.4314	-123.7328	Hatchery	Collect

BROODSTOCK, REARING¹, AND RELEASE²

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	256	45	15%	605,266	287,600	100%	153,032
2015	250	50	17%	550,004	315,226	100%	155,975
2016	261	47	15%	546,544	357,524	100%	158,914
2017	278	21	7%	552,991	218,763	100%	160,492
2018	239	24	9%	478,525	230,141	100%	162,424
2019	64	20	24%	150,030	139,749	100%	121,161
2020	211	8	4%	411,901	274,571	100%	166,375
2021	243	23	9%	499,086	223,300	100%	166,032
2022	197	20	9%	411,332	217,182	100%	167,211
2023	229	23	9%	481,596	241,844	100%	167,259
<i>Average</i>	223	28	12%			100%	157,888
Target	Total ≥ 254 fish					100%	150,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	1,036	4,643	4.0%	1,922	N/A	N/A	7,601
2015	1,269	6,128	5.3%	2,125	N/A	30	9,552
2016	1,936	2,836	2.5%	1,140	N/A	N/A	5,912
2017	889	2,064	1.6%	534	N/A	N/A	3,487
2018	596	1,148	0.8%	564	N/A	N/A	2,308
2019	287	480	0.3%	167	N/A	N/A	934
2020	219	915	0.6%	821	N/A	N/A	1,955
2021	559	652	0.4%	905	N/A	N/A	2,116
2022	1,173	562	0.4%	651	N/A	N/A	2,386
2023	780	993	0.7%	810	N/A	N/A	2,583
2024	621	892	0.6%	734	N/A	N/A	2,247
<i>Average</i>	851	1,938	1.6%	943			3,735

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ TTR-ChF broodstock and rearing also supports Necanicum River ChF smolt release (NEC-ChF).

² CMP changed smolt release from 113,000 to 150,000, discontinued unfed fry releases in Trask River.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	NES-ChF
Run:	Fall	Stock Name:	Nestucca River (47H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Nestucca R	Broodstock Type:	Local, Integrated
Management Area/s:	Nestucca R	Program Duration:	1999 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Cedar Creek Hatchery	45.2158	123.8453	Hatchery	Hold, Spawn, Incubate, Rear
Three Rivers Trap	45.2158	123.8453	Hatchery	Collect
Rhoades Pond	45.1709	-123.8021	STEP	Rear
Three Rivers	45.1709	-123.8018	District/STEP	Release
Nestucca River	45.1843	-123.9573	District/STEP	Release

BROODSTOCK, REARING, AND RELEASE¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	82	0	0%	169,628	113,352	98%	105,116
2015	44	28	39%	137,943	117,871	96%	108,354
2016	58	10	15%	118,228	106,820	97%	102,891
2017	71	12	14%	137,184	115,757	95%	116,875
2018	66	10	13%	140,119	121,663	94%	95,363
2019	51	28	35%	137,912	128,605	100%	108,500
2020	65	19	23%	149,921	114,638	100%	100,000
2021	55	25	31%	141,154	116,476	100%	106,175
2022	106	0	0%	131,778	113,615	100%	110,075
2023	57	28	33%	144,886	116,203	100%	92,400
<i>Average</i>	<i>66</i>	<i>16</i>	<i>20%</i>			<i>98%</i>	<i>104,575</i>
Target	Total ≥ 74 fish					100%	100,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest ^b	Bay & River Harvest/ Smolts Released ^c	Retained at Hatchery ^d	Spawners	Other ^e	Total
2014	N/A	1,583	1.9%	477	N/A	N/A	2,060
2015	N/A	2,895	3.4%	383	N/A	N/A	3,278
2016	N/A	1,103	1.3%	155	N/A	N/A	1,258
2017	N/A	1,186	1.2%	124	N/A	N/A	1,310
2018	N/A	434	0.4%	208	N/A	N/A	642
2019	N/A	948	0.9%	212	N/A	N/A	1,160
2020	N/A	607	0.6%	449	N/A	N/A	1,056
2021	N/A	454	0.4%	196	N/A	N/A	650
2022	N/A	418	0.4%	427	N/A	N/A	845
2023	N/A	632	0.6%	568	N/A	N/A	1,200
2024	N/A	488	0.5%	365	N/A	N/A	853
<i>Average</i>		<i>977</i>	<i>1.1%</i>	<i>324</i>			<i>1,301</i>

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^c Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^d Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP did not alter smolt release, but discontinued unfed fry releases.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	SAL-ChF
Run:	Fall	Stock Name:	Salmon River (36H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Salmon R	Broodstock Type:	Local, Integrated
Management Area/s:	Salmon R	Program Duration:	1976 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Salmon River Hatchery	45.0267	-123.9503	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	105	51	33%	351,176	265,181	100%	156,150
2015	125	45	26%	362,523	253,126	100%	198,274
2016	164	42	20%	410,137	265,658	100%	222,667
2017	118	35	23%	308,522	282,289	100%	230,279
2018	59	60	50%	251,918	220,801	100%	181,086
2019	102	48	32%	307,152	251,291	100%	208,952
2020	113	87	44%	334,781	233,348	100%	207,323
2021	103	87	46%	403,354	262,695	100%	221,422
2022	100	87	47%	395,422	257,322	100%	203,479
2023	91	58	39%	245,045	219,816	100%	219,703
<i>Average</i>	<i>108</i>	<i>60</i>	<i>36%</i>			<i>100%</i>	<i>204,934</i>
Target	Total ≥ 150 fish					100%	200,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	2,337	1,744	0.9%	3,017	4,146	N/A	11,244
2015	2,460	3,584	1.7%	5,996	3,357	N/A	15,397
2016	3,490	1,214	0.6%	2,283	3,526	N/A	10,513
2017	1,326	479	0.2%	1,399	1,098	N/A	4,302
2018	878	89	0.05%	393	21	N/A	1,381
2019	513	483	0.3%	798	1,379	N/A	3,173
2020	840	424	0.2%	1,172	1,891	N/A	4,327
2021	1,079	564	0.3%	693	1,611	N/A	3,947
2022	1,363	414	0.2%	2,226	571	N/A	4,574
2023	1,763	800	0.4%	1,854	2,534	N/A	6,951
2024	1,455	1,029	0.5%	1,189	1,022	N/A	4,695
<i>Average</i>	<i>1,591</i>	<i>984</i>	<i>0.5%</i>	<i>1,911</i>	<i>1,923</i>		<i>6,409</i>

^a Estimates from annual creel surveys. Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	UBY-ChF
Run:	Fall	Stock Name:	Smith River (151H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Lower Umpqua R	Broodstock Type:	Local, Integrated
Management Area/s:	Umpqua Bay	Program Duration:	1989 - Ongoing

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Winchester Cr Trap	43.6735	-124.1784	District/STEP	Collect
Rock Cr Hatchery	43.3353	-123.0014	Hatchery	Incubate, Rear
GRWB STEP Facility	43.7231	-124.1042	District/STEP	Collect, Hold, Spawn, Incubate, Rear, Release
Winchester Bay Accl	43.6889	-124.1792	District/STEP	Acclimate, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Pre-smolts/Smolts Released
2014	110	0	0%	270,426	189,064	95%	155,888
2015	94	18	16%	196,368	146,948	93%	114,405
2016	0	9	---	13,552	0	---	0
2017	40	14	26%	93,824	69,329	96%	68,053
2018	70	19	21%	135,025	106,399	96%	105,936
2019	97	18	16%	269,049	138,449	0% ²	59,864 ³
2020	1	26	96%	52,586	43,533	100%	31,063
2021	17	2	11%	17,368	16,165	100%	13,979
2022	110	8	7%	205,452	83,744	100%	60,912
2023	26	109	81%	234,792	141,339	98%	99,323
<i>Average</i>	<i>57</i>	<i>22</i>	<i>30%</i>			<i>97%</i>	<i>70,942</i>
Target	Total ≥ 110 fish					100%	170,000

HATCHERY RETURNS (Stock 151 and 18 combined)

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest ^b	Bay & River Harvest/ Smolts Released ^c	Retained at Hatchery ^d	Spawners	Other ^e	Total
2014	N/A	1,578	0.7%	259	N/A	N/A	1,837
2015	N/A	2,457	1.3%	111	N/A	N/A	2,568
2016	N/A	1,084	0.9%	0	N/A	N/A	1,084
2017	N/A	714	0.4%	117	N/A	N/A	831
2018	N/A	772	0.5%	118	N/A	N/A	890
2019	N/A	244	0.2%	99	N/A	N/A	343
2020	N/A	109	0.2%	3	N/A	N/A	112
2021	N/A	302	0.5%	52	N/A	N/A	354
2022	N/A	360	0.6%	140	N/A	N/A	500
2023	N/A	150	0.3%	26	N/A	N/A	176
2024	N/A	131	0.9%	21	N/A	N/A	152
<i>Average</i>		<i>718</i>	<i>0.6%</i>	<i>86</i>			<i>804</i>

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^c Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^d Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Due to fire damage at Rock Creek Hatchery, incubation and rearing also occurred at Elk River Hatchery in brood years 2020-2023.

² 2019 brood year pre-smolts were released directly into Winchester Cr without being marked due to COVID-19 constraints.

³ Remainder of 2019 brood year production was transferred to Leaburg Hatchery and subsequently lost due to wildfire.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	MUM-ChF
Run:	Fall	Stock Name:	South Umpqua (18H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Middle Umpqua R	Broodstock Type:	Local, Integrated
Management Area/s:	Middle Umpqua R	Program Duration:	

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Happy Valley Trap	43.1614	-123.3943	District/STEP	Collect
Rock Cr Hatchery	43.3353	-123.0014	Hatchery	Hold, Spawn, Incubate, Rear
GRWB STEP Facility	43.7231	-124.1042	District/STEP	Hold, Spawn, Incubate
Barrett Cr Facility	43.0156	-123.4462	District/STEP	Rear
Cooper Cr Facility	43.3804	-123.2849	District/STEP	Rear
Eastwood Elem/Deer Cr	43.2088	-123.3190	District/STEP	Rear
Calapooya Creek	43.4387	-123.2811	District/STEP	Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Pre-smolts Released
2014	0	170	100%	339,028	251,525	96%	233,013

No releases after 2014 Brood Year¹

<i>Average</i>	<i>0</i>	<i>170</i>	<i>100%</i>			<i>96%</i>	<i>233,013</i>
Target	Total ≥ 186 fish					100%	300,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest ^b	Bay & River Harvest/ Smolts Released ^c	Retained at Hatchery ^d	Spawners	Other ^e	Total
2014							
2015							
2016							
2017				See UBY-ChF			
2018							
2019							

Average

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^c Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^d Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Releases ended after 2014 brood year; program was suspended due to poor performance and lack of feasible solutions.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	CBY-ChF
Run:	Fall	Stock Name:	Coos River (37H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Coos	Broodstock Type:	Local, Integrated
Management Area/s:	Coos Bay Frontal	Program Duration:	1982 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Dellwood Trap (SF Coos R)	43.3765	-123.9923	District/STEP	Collect
WF Millicoma R	43.4513	-124.0557	District/STEP	Collect
Morgan Cr STEP Facility	43.3390	-124.0806	STEP	Collect, Spawn, Rear, Acclimate, Release
Noble Cr STEP Facility	43.2560	-124.1975	STEP	Collect, Spawn, Rear, Release
Millicoma Interpretive Ctr	43.4883	-124.0201	District/STEP	Rear
Bandon Hatchery	43.1161	-124.3842	Hatchery	Incubate, Rear
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Rear
Blossom Gulch Acclimation	43.3660	-124.2228	District/STEP	Acclimate, Release
Fourth Cr Reservoir	43.3630	-124.2970	Dist/Coquille Indian Tribe	Acclimate, Release
Pony Slough	43.2200	-124.1500	District	Release
Charleston Cr Acclimation	43.3455	-124.3285	District	Display/Acclimate, Release

BROODSTOCK, REARING, AND RELEASE¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Pre-smolts/Smolts Released
2014	2,160	22	1%	3,062,812	2,496,622	96%	2,191,858
2015	3,026	8	0%	2,733,559	2,243,608	97%	2,005,241
2016	1,755	0	0%	2,866,182	2,163,795	99%	2,091,231
2017	2,190	0	0%	2,754,525	2,215,674	100%	1,722,776
2018	973	0	0%	1,501,865	1,312,136	100%	1,044,131
2019	1,551	0	0%	2,092,306	1,883,599	97%	1,764,646
2020	1,330	0	0%	2,864,933	2,247,748	100%	1,970,695
2021	658	41	6%	1,243,631	1,167,004	95%	977,414
2022	1,277	0	0%	2,451,531	2,096,102	100%	1,908,652
2023	2,016	0	0%	3,427,705	2,037,616	100%	1,750,585
<i>Average</i>	<i>1,694</i>	<i>7</i>	<i>1%</i>			<i>98%</i>	<i>1,742,723</i>
Target	Total ≥ 1,600 fish					100%	2,093,000

HATCHERY PROGRAM SUMMARY (CONTINUED)

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	5,596	3,466	0.3%	9,670	N/A	182	18,914
2015	6,140	5,400	0.4%	6,808	N/A	157	18,505
2016	6,079	2,336	0.2%	4,364	N/A	0	12,779
2017	1,035	2,215	0.1%	3,469	N/A	42	6,761
2018	1,590	1,037	0.05%	2,040	N/A	42	4,709
2019	1,497	2,148	0.1%	2,445	N/A	24	6,114
2020	1,896	1,645	0.1%	3,160	N/A	0	6,701
2021	870	549	0.03%	2,405	N/A	8	3,832
2022	1,702	2,439	0.2%	4,843	N/A	19	9,003
2023	2,054	3,036	0.2%	6,357	N/A	0	11,447
2024	2,511	2,338	0.2%	3,470	N/A	0	8,319
<i>Average</i>	<i>2,815</i>	<i>2,419</i>	<i>0.2%</i>	<i>4,457</i>		<i>43</i>	<i>9,735</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP changed pre-smolt release from 1,993,000 to 2,093,000; moved WF Millicoma R release to Pony Slough

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	COB-ChF
Run:	Fall	Stock Name:	Coquille River (44H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Coquille R	Broodstock Type:	Local, Integrated
Management Area/s:	Coquille Bay	Program Duration:	1983 - Ongoing

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Bandon Hatchery	43.1161	-124.3842	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release
Various Tangle-Net Collection Sites			District/STEP	Collect
Cunningham Cr Facility	43.1855	-124.1936	Dist/Coq HS	Collect, Rear, Release
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Incubate, Rear
Ferry Cr Acclimation	43.1193	-124.4074	Dist/STEP/Hat	Acclimate, Release
Sevenmile Cr Acclimation	43.1681	-124.3483	Dist/STEP/Hat	Acclimate, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Pre-Smolts/Smolts Released
2014	24	144	86%	389,103	238,864	100%	209,071
2015	0	169	100%	299,335	207,444	100%	167,468
2016	142	0	0%	297,027	195,455	100%	129,588
2017	137	27	16%	295,700	206,574	100%	177,151
2018	6	16	73%	76,513	66,187	100%	65,952
2019	20	1	5%	70,480	67,473	96%	66,116
2020	2	1	33%	10,244	8,954	100%	9,371
2021	42	0	0%	92,522	85,912	100%	78,808
2022	235	0	0%	576,435	240,071	100%	224,435
2023	356	0	0%	761,516	219,237	100%	166,8555
<i>Average</i>	<i>96</i>	<i>36</i>	<i>31%</i>			<i>100%</i>	<i>129,482</i>
Target	Total ≥ 150 fish					100%	175,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest ^b	Bay & River Harvest/ Smolts Released ^c	Retained at Hatchery ^d	Spawners	Other ^e	Total
2014	N/A	551	0.9%	N/A	N/A	N/A	551
2015	N/A	1,516	1.4%	0	N/A	N/A	1,516
2016	N/A	668	0.4%	201	N/A	N/A	869
2017	N/A	662	0.4%	217	N/A	N/A	879
2018	N/A	326	0.2%	15	N/A	N/A	341
2019	N/A	349	0.2%	39	N/A	N/A	388
2020	N/A	65	0.04%	13	N/A	N/A	78
2021	N/A			141	N/A	N/A	141
2022	N/A		Bay and River	430	N/A	N/A	430
2023	N/A		Fishery Closed ²	446	N/A	N/A	446
2024	N/A			123	N/A	N/A	123
<i>Average</i>		<i>591</i>	<i>0.5%</i>	<i>163</i>			<i>524</i>

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^c Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^d Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ In 2018-2021 brood years, smolt releases only occurred in Ferry Creek.

² The Coquille River was closed to salmon angling in 2021 and 2022, and closed to Chinook salmon harvest in 2023 and 2024

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	CCH-ChF¹
Run:	Fall	Stock Name:	Coquille River (44W)
SMU:	Coastal	Program Type:	Conservation Hatchery
Population Area:	Coquille R	Broodstock Type:	Local, Integrated
Management Area/s:	NF Coquille R, EF Coquille R, Middle Fork Coquille R, SF Coquille R	Program Duration:	2022 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Bandon Hatchery	43.1161	-124.3842	Hatchery	Hold, Spawn, Incubate, Rear
Elk River Hatchery	42.7389	-124.4028	Hatchery	Rear
Various Collection Sites			Dist/Coquille Indian Tribe	Collect
Release Sites in NF Coquille R/SF Coquille R			Dist/Coquille Indian Tribe	Acclimate, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked ²	Smolts Released
2022	0	2	100%	3,400	1,848	100%	1,557
2023	0	34	100%	64,149	60,594	100%	42,760
<i>Average</i>	<i>0</i>	<i>18</i>	<i>100%</i>				<i>22,159</i>
Target			100%				47,000³

HATCHERY RETURNS

N/A = not available

Return Year ^a	Ocean Harvest	Retained at Hatchery ^b	Spawners	Other ^c	Total
2025	N/A	N/A	N/A	N/A	N/A
<i>Average</i>					

^a Includes returns from multiple brood years.

^b Fish retained at hatchery or other program collection site.

^c Fish collected at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ The Coquille Fall Chinook Conservation Hatchery Program was approved by the Oregon Fish and Wildlife Commission in August 2022. Broodstock collection for the program began in Fall 2022.

² Smolts are marked with a coded wire tag to differentiate them from naturally produced fish.

³ Initial goal is 47,000 smolts due to hatchery capacity limitations; this may be scaled up to 100,000 smolts if capacity is available.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	ELK-ChF
Run:	Fall	Stock Name:	Elk River (35H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Elk R	Broodstock Type:	Local, Integrated
Management Area/s:	Elk R	Program Duration:	1968 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Elk River Hatchery	42.7389	-124.4028	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK, REARING, AND RELEASE¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	878	63	7%	903,054	289,753	91%	269,268
2015	570	103	15%	784,619	297,723	86%	272,331
2016	732	46	6%	948,585	311,693	100%	282,891
2017	351	40	10%	859,168	312,160	100%	285,502
2018	140	64	31%	440,169	309,278	100%	286,051
2019	376	79	17%	683,902	325,447	100%	286,012
2020	458	48	9%	785,890	300,431	100%	279,485
2021	302	49	14%	658,020	299,839	100%	274,977
2022	475	91	16%	937,974	298,099	100%	264,666
2023	372	35	9%	724,212	299,847	100%	266,917
<i>Average</i>	<i>465</i>	<i>62</i>	<i>14%</i>			<i>98%</i>	<i>276,810</i>
Target	Total ≥ 250 fish					100%	275,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	1,885	571	0.2%	2,210	636	N/A	5,302
2015	1,795	1,077	0.5%	2,475	850	N/A	6,197
2016	1,779	856	0.8%	1,717	969	N/A	5,321
2017	627	398	0.5%	1,184	646	N/A	2,855
2018	510	193	0.1%	661	73	N/A	1,437
2019	1,133	293	0.1%	1,277	590	N/A	3,293
2020	1,339	489	0.2%	1,966	534	N/A	4,328
2021	1,725	493	0.2%	1,265	800	N/A	4,283
2022	1,535	627	0.2%	1,425	524	N/A	4,111
2023	1,799	446	0.2%	1,340	919	N/A	4,504
2024	1,397	345	0.1%	1,255	312	N/A	3,309
<i>Average</i>	<i>1,411</i>	<i>526</i>	<i>0.3%</i>	<i>1,525</i>	<i>623</i>		<i>4,085</i>

^a Estimates from annual creel surveys. Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of marked smolt releases 2-4 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP changed smolt release from 325,000 to 275,000.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	TTR-ChS
Run:	Spring-run	Stock Name:	Trask Spring Chinook (34H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Tillamook	Broodstock Type:	Local, Segregated
Management Area/s:	Tillamook - Trask R	Program Duration:	1907 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Trask Hatchery	45.4314	-123.7328	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release
Cedar Creek Hatchery	45.2158	-123.8453	Hatchery	Incubate, Rear
Whiskey Cr STEP Hatchery	45.3942	-123.9361	STEP	Incubate, Rear
Tuffy Creek Pond	45.5905	-123.4663	Hatchery	Rear

BROODSTOCK, REARING, AND RELEASE¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	280	22	7%	651,194	453,483	100%	412,951
2015	317	11	3%	669,706	441,764	100%	393,709
2016	317	12	4%	634,834	333,120	100%	301,243
2017	361	12	3%	664,422	519,890	100%	425,883
2018	360	17	5%	722,485	631,504	100%	427,714
2019	360	0	0%	671,367	539,167	100%	436,808
2020	341	16	4%	662,446	582,303	100%	413,469
2021	394	8	2%	756,836	616,129	100%	434,622
2022	392	11	3%	762,613	535,754	100%	427,015
2023	442	9	2%	803,494	559,229	98%	449,410
<i>Average</i>	<i>356</i>	<i>12</i>	<i>3%</i>			<i>100%</i>	<i>412,282</i>
Target	Total ≥ 254 fish					100%	400,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	1,603	3,336	1.0%	1,924	N/A	N/A	6,863
2015	662	3,114	0.9%	1,525	N/A	N/A	5,301
2016	1,055	1,791	0.5%	880	N/A	N/A	3,726
2017	305	1,880	0.5%	1,078	N/A	N/A	3,263
2018	205	693	0.2%	862	N/A	N/A	1,760
2019	132	786	0.2%	1,058	N/A	N/A	1,976
2020	112	662	0.2%	723	N/A	N/A	1,497
2021	196	896	0.2%	758	N/A	N/A	1,850
2022	425	970	0.2%	821	N/A	N/A	2,216
2023	128	1,222	0.3%	1,463	N/A	N/A	2,813
2024	274	1,045	0.2%	1,372	N/A	N/A	2,691
<i>Average</i>	<i>463</i>	<i>1,490</i>	<i>0.4%</i>	<i>1,133</i>			<i>3,087</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.^b Bay and river harvest divided by average of smolt releases 2-4 years prior to return year.^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.^d Fish removed at other instream traps, pre-spawn mortalities, etc.**PROGRAM NOTES**¹ CMP increased program smolt release from 345,000 to 400,000; Wilson River release of 125,000 smolts was discontinued, and Trask River smolt release was increased from 220,000 to 400,000.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	NES-ChS
Run:	Spring-run	Stock Name:	Nestucca Spring Chinook (47H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Nestucca R	Broodstock Type:	Local, Segregated
Management Area/s:	Nestucca R, Little Nestucca R	Program Duration:	1975 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Cedar Creek Hatchery	45.2158	-123.8453	Hatchery	Hold, Spawn, Incubate, Rear, Release
Three Rivers Trap	45.2158	-123.8453	Hatchery	Collect
Nestucca River	45.1843	-123.9573	District	Release
Beaver Creek	45.2941	-123.8207	District	Release
Little Nestucca River	Estuary to Stella Falls (~RM 5)		District	Release

BROODSTOCK, REARING, AND RELEASE¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	182	0	0%	351,948	264,867	100%	239,727
2015	198	0	0%	397,552	256,968	100%	243,584
2016	194	0	0%	355,314	271,547	100%	239,438
2017	198	0	0%	345,933	278,442	100%	239,965
2018	194	0	0%	326,150	298,001	100%	234,898
2019	186	2	1%	339,506	281,045	100%	248,351
2020	196	0	0%	328,368	265,886	100%	237,709
2021	184	13	7%	325,848	265,513	100%	242,661
2022	185	2	1%	359,731	283,141	100%	242,064
2023	178	0	0%	312,893	273,909	100%	235,775
<i>Average</i>	<i>190</i>	<i>2</i>	<i>1%</i>			<i>100%</i>	<i>240,417</i>
Target	Total ≥ 160 fish					100%	230,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	2,069	2,760	2.5%	1,374	N/A	N/A	6,203
2015	584	2,191	2.0%	825	N/A	N/A	3,600
2016	521	1,726	1.5%	572	N/A	N/A	2,819
2017	206	871	0.6%	511	N/A	N/A	1,588
2018	202	531	0.3%	384	N/A	N/A	1,117
2019	25	1,512	0.6%	798	N/A	N/A	2,335
2020	37	1,434	0.6%	840	N/A	N/A	2,311
2021	229	1,498	0.6%	732	N/A	N/A	2,459
2022	248	2,200	0.9%	1,052	N/A	N/A	3,500
2023	387	1,831	0.8%	1,040	N/A	N/A	3,258
2024	418	1,522	0.6%	632	N/A	N/A	2,572
<i>Average</i>	<i>448</i>	<i>1,643</i>	<i>1.0%</i>	<i>796</i>			<i>2,887</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 2-4 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP increased smolt release from 110,000 to 230,000, including new release of 30,000 smolts in the Little Nestucca River.

HATCHERY PROGRAM SUMMARY

Species:	Chinook	ID:	NUM-ChS
Run:	Spring	Stock Name:	North Umpqua (55H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	North Umpqua	Broodstock Type:	Local, Integrated
Management Area/s:	North Umpqua R	Program Duration:	1952 - Ongoing

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Winchester Dam Trap	43.2847	-123.3545	District/STEP	Collect
Rock Cr Hatchery	43.3353	-123.0014	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	224	38	15%	480,518	419,585	100%	3,525
2015	235	31	12%	526,018	432,450	100%	354,629
2016	220	27	11%	443,315	345,549	100%	320,192
2017	248	32	11%	498,889	422,813	100%	377,580
2018	55	46	46%	222,485	160,817	100%	146,888
2019	289	56	16%	545,273	391,088	100%	0 ²
2020	225	69	23%	583,372	399,040	100%	327,663
2021	95	82	46%	334,130	308,508	100%	255,448
2022	185	73	28%	477,500	415,112	100%	366,719
2023	80	48	38%	234,632	206,126	100%	159,665
<i>Average</i>	<i>186</i>	<i>50</i>	<i>25%</i>			<i>100%</i>	<i>231,231</i>
Target	310-390 fish					100%	342,000

HATCHERY RETURNS

N/A = not available

Return Year	Ocean Harvest ^a	Bay & River Harvest ^b	Bay & River Harvest/ Smolts Released ^c	Retained at Hatchery ^d	Spawners	Other ^e	Total
2014	N/A	1,568	0.4%	875	6,899	N/A	9,342
2015	N/A	1,160	0.3%	588	3,932	N/A	5,680
2016	N/A	1,214	0.3%	1,005	3,113	N/A	5,332
2017	N/A	997	0.4%	537	1,847	N/A	3,381
2018	N/A	217	0.1%	247	1,761	N/A	2,225
2019	N/A	213	0.1%	693	1,686	N/A	2,592
2020	N/A	447	0.1%	553	1,792	N/A	2,792
2021	N/A	286	0.1%	149	1,932	N/A	2,367
2022	N/A	618	0.4%	482	1,212	N/A	2,312
2023	N/A	406	0.3%	275	528	N/A	1,209
2024	N/A	1,247	0.6%	1,615	4,112	N/A	6,974
<i>Average</i>		<i>761</i>	<i>0.3%</i>	<i>638</i>	<i>2,619</i>		<i>4,019</i>

^a Significant ocean harvest occurs but cannot be estimated due to a lack of coded wire tag releases.

^b Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^c Bay and river harvest divided by average of smolt releases 2-4 years prior to return year.

^d Fish retained at hatchery or other program collection site (for broodstock, donation to food banks, stream enrichment, etc.), including jacks.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Due to fire damage at Rock Creek Hatchery, spawning and rearing for brood years 2020-2023 occurred at Cole Rivers Hatchery and fish were acclimated at Rock Creek Hatchery prior to release.

² 2019 brood year production was lost due to the Archie Creek Fire.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	NEC-StW
Run:	Winter	Stock Name:	North Fork Nehalem (32H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Necanicum	Broodstock Type:	Non-local, segregated
Management Area/s:	Necanicum R	Program Duration:	1977 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Nehalem Hatchery	45.1709	-123.8018	Hatchery	Collect, Hold, Spawn, Incubate, Rear
Volmer Cr	45.9178	-123.8949	District	Release
Necanicum R, multiple locations downstream from RM 18			District	Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014						100%	40,239
2015						100%	40,141
2016						100%	40,530
2017						100%	39,078
2018			See NFN-STW ¹			100%	37,692
2019						100%	39,308
2020						100%	38,893
2021						100%	35,124
2022						100%	39,735
2023						100%	31,502
2024						100%	38,339
<i>Average</i>						100%	38,235
Target						100%	40,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	309	0.8%	-	N/A	N/A	309
2015	-	690	1.7%	-	N/A	N/A	690
2016	-	522	1.3%	-	N/A	N/A	522
2017	-	561	1.4%	-	N/A	N/A	561
2018	-	499	1.2%	-	N/A	N/A	499
2019	-	370	0.9%	-	N/A	N/A	370
2020	-	311	0.8%	-	N/A	N/A	311
2021	-	390	1.0%	-	N/A	N/A	390
2022	-	484	1.3%	-	N/A	N/A	484
2023	-	319	0.8%	-	N/A	N/A	319
2024	-	347	0.9%	-	N/A	N/A	347
<i>Average</i>		437	1.1%				437

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ NFN-StW (Stock 32H) also supports Necanicum River StW smolt release (NEC-StW).

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	NFN-StW
Run:	Winter	Stock Name:	NF Nehalem (32H/32F)¹
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Nehalem	Broodstock Type:	Local, segregated/integrated ²
Management Area/s:	North Fork Nehalem R	Program Duration:	1977 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Nehalem Hatchery	45.1709	-123.8018	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK AND RELEASE (32H & 32F)

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	% Marked	32H Stock Release	32F Stock Release	Total Smolts Released
2014	195	0		100%	97,090	0	97,090
2015	254	0		100%	87,360	0	87,360
2016	184	0		100%	89,756	0	89,756
2017	192	0		100%	86,550	0	86,550
2018	126	0		100%	86,863	0	86,863
2019	180	27	See Program Notes ³	100%	79,170	10,751	89,921
2020	194	29		100%	71,422	13,411	84,833
2021	200	51		100%	55,525	24,746	80,271
2022	256	48		100%	65,830	32,280	98,110
2023	191	44		100%	51,650	14,727	66,377
2024	200	49		100%	71,001	25,139	96,140
<i>Average</i>	<i>197</i>	<i>23</i>		<i>100%</i>			<i>87,570</i>
Target				100%			90,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	1,536	1.7%	1,041	N/A	N/A	2,577
2015	-	3,927	4.2%	2,858	N/A	N/A	6,785
2016	-	3,174	3.4%	1,476	N/A	N/A	4,650
2017	-	1,502	1.6%	926	N/A	N/A	2,428
2018	-	3,975	4.3%	781	N/A	N/A	4,756
2019	-	517	0.6%	519	N/A	2	1,038
2020	-	444	0.5%	812	N/A	0	1,256
2021	-	726	0.8%	1,012	N/A	5	1,743
2022	-	612	0.7%	852	N/A	70	1,534
2023	-	244	0.3%	533	N/A	37	814
2024	-	509	0.6%	535	N/A	22	1,066
<i>Average</i>		<i>1,561</i>	<i>1.7%</i>	<i>1,031</i>		<i>23</i>	<i>2,604</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ NFN-StW (Stock 32H) also supports Necanicum River StW smolt release (NEC-StW).

² NF Nehalem wild (32F) stock production began in brood year 2019 and is maintained separate from the 32H stock.

³ Stock 32H is a segregated stock that uses only hatchery origin brood; Stock 32F broodstock is generally 100% natural origin fish.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	TWI-StW
Run:	Winter	Stock Name:	Wilson (121F/121H) & Stock 47H
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Tillamook	Broodstock Type:	Local, integrated & Non-local
Management Area/s:	Tillamook - Wilson R	Program Duration:	1996 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Wilson R, various locations			District	Collect (Angler-Caught), Release
Trask Hatchery	45.4314	-123.7328	Hatchery	Hold, Spawn, Incubate, Rear
Hughey Creek STEP Facility	45.4689	-123.7697	District/STEP	Hold, Rear, Release
Tuffy Creek (SF Wilson R)	45.5905	-123.4663	District/STEP	Collect, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK (121F/121H) AND RELEASE (121F/121H and 47H)¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	% Marked	121F/H Stock Release	47H Stock ² Release	Total Smolts Released
2014	20	100	83%	100%	106,724	50,426	157,150
2015	0	112	100%	100%	104,104	41,082	145,186
2016	47	130	73%	100%	120,058	42,892	162,950
2017	44	121	73%	100%	111,895	43,846	155,741
2018	34	141	81%	100%	151,012	0	151,012
2019	35	116	77%	100%	152,317	0	152,317
2020	34	133	80%	100%	167,197	0	167,197
2021	1	129	99%	100%	165,777	0	165,777
2022	17	156	90%	100%	122,107	0	122,107
2023	36	140	80%	100%	147,008	0	147,008
2024	31	149	83%	100%	163,774	0	163,774
<i>Average</i>	<i>27</i>	<i>130</i>	<i>84%</i>	<i>100%</i>			<i>153,656</i>
Target	Up to 160 fish			100%			150,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	3,434	2.5%	421	N/A	N/A	3,855
2015	-	6,024	4.4%	528	N/A	N/A	6,552
2016	-	6,313	4.4%	603	N/A	N/A	6,916
2017	-	3,950	2.7%	354	N/A	N/A	4,304
2018	-	5,885	3.8%	259	N/A	N/A	6,144
2019	-	3,296	2.1%	125	N/A	N/A	3,421
2020	-	4,051	2.6%	245	N/A	N/A	4,296
2021	-	2,416	1.6%	58	N/A	N/A	2,474
2022	-	3,385	2.2%	99	N/A	N/A	3,484
2023	-	3,355	2.1%	64	N/A	N/A	3,419
2024	-	2,464	1.6%	23	N/A	N/A	2,487
<i>Average</i>		<i>4,052</i>	<i>2.7%</i>	<i>253</i>			<i>4,305</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP changed release from 140,000 to 150,000 smolts and ended release of 40,000 smolts in the Kilchis River.

² Use of non-local 47H broodstock ended after the 2017 brood year.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	NES-StW
Run:	Winter	Stock Name:	Nestucca (47F/47H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Nestucca	Broodstock Type:	Local, integrated & Non-local
Management Area/s:	Nestucca R	Program Duration:	2003 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Nestucca R, various locations			District	Collect (Angler-Caught), Release
Cedar Creek Hatchery	45.1709	-123.8018	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK (47F) AND RELEASE (47F and 47H)¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	% Marked	47F Stock Release	47H Stock Release ²	Total Smolts Released
2014	0	82	100%	100%	95,663	50,243	145,906
2015	0	110	100%	100%	95,557	42,074	137,631
2016	0	124	100%	100%	107,622	38,541	146,163
2017	3	101	97%	100%	100,080	41,418	141,498
2018	4	136	97%	100%	141,278	0	141,278
2019	7	132	95%	100%	145,641	0	145,641
2020	14	135	91%	100%	142,734	0	142,734
2021	11	88	89%	100%	103,460	0	103,460
2022	61	112	65%	100%	142,984	0	142,984
2023	5	138	97%	100%	124,574	0	124,574
2024	49	127	72%	100%	152,608	0	152,608
<i>Average</i>	<i>14</i>	<i>117</i>	<i>91%</i>	<i>100%</i>			<i>138,589</i>
Target	Total ≥ 140 fish			100%			140,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	2,336	2.0%	128	N/A	N/A	2,464
2015	-	2,806	2.4%	173	N/A	N/A	2,979
2016	-	2,938	2.4%	151	N/A	N/A	3,089
2017	-	1,664	1.3%	173	N/A	N/A	1,837
2018	-	3,682	2.6%	13	N/A	N/A	3,695
2019	-	3,174	2.2%	10	N/A	N/A	3,184
2020	-	2,451	1.7%	6	N/A	N/A	2,457
2021	-	1,320	0.9%	3	N/A	N/A	1,323
2022	-	1,732	1.2%	23	N/A	N/A	1,755
2023	-	1,560	1.2%	0	N/A	N/A	1,560
2024	-	1,396	1.1%	51	N/A	N/A	1,447
<i>Average</i>		<i>2,278</i>	<i>1.7%</i>	<i>66</i>			<i>2,345</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP changed smolt release from 110,000 to 140,000.

² Use of non-local 47H broodstock ended after the 2017 brood year.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	SIL-StW
Run:	Winter	Stock Name:	Siletz River (33F)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Siletz	Broodstock Type:	Local, integrated
Management Area/s:	Siletz R	Program Duration:	1995 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Siletz River, various locations			District	Collect (Angler-Caught)
Siletz Falls trap	44.8627	-123.7331	District	Collect
Alsea Hatchery	44.4228	-123.5658	Hatchery	Hold, Spawn, Incubate, Rear
Palmer Cr Acclimation	44.7811	-123.8353	District	Acclimate, Release
Lhuuke Illahee Hatchery	44.7200	-123.7116	STEP/CTSI	Rear, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	22	58	73%	124,265	96,642	100%	49,032
2015	15	67	82%	121,181	82,358	100%	44,807
2016	10	84	89%	164,943	127,402	100%	52,237
2017	12	135	88%	162,993	108,540	100%	54,352
2018	0	110	100%	164,130	125,040	100%	53,751
2019	0	76	100%	114,623	79,180	100%	51,339
2020	0	82	100%	152,378	117,279	100%	54,362
2021	34	75	69%	213,782	159,237	100%	56,867
2022	8	78	91%	129,607	112,300	100%	56,916
2023	0	76	100%	132,071	84,860	100%	37,850
2024	0	98	100%	138,814	103,714	100%	57,641
<i>Average</i>	9	85	90%			100%	51,741
Target	Total ≥ 80 fish					100%	55,000¹

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	2,239	4.7%	192	N/A	N/A	2,431
2015	-	2,090	5.6%	304	N/A	N/A	2,394
2016	-	1,002	2.8%	129	N/A	N/A	1,131
2017	-	1,204	3.1%	29	N/A	N/A	1,233
2018	-	1,359	2.8%	105	N/A	N/A	1,464
2019	-	2,060	4.1%	193	N/A	N/A	2,253
2020	-	1,337	2.5%	180	N/A	N/A	1,517
2021	-	725	1.4%	115	N/A	N/A	840
2022	-	1,148	2.2%	N/A	N/A	N/A	1,148
2023	-	817	1.5%	N/A	N/A	N/A	817
2024	-	1,030	1.8%	N/A	N/A	N/A	1,030
<i>Average</i>		1,365	3.0%	156			1,478

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ New release of 5,000 smolts reared at the Confederated Tribes of Siletz Indians (CTSI) Lhuuke Illahee Fish Hatchery was initiated in 2020 brood year; program release target increased from 50,000 to 55,000 smolts.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	ALS-StW
Run:	Winter	Stock Name:	Alsa (43H/43F)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Alsa	Broodstock Type:	Local, segregated ¹ /integrated
Management Area/s:	Alsa R	Program Duration:	2000 (43F Stock) - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Alsa R, various locations			District	Collect (Angler-Caught)
Alsa Hatchery	44.4228	-123.5658	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release
River's Edge Boat Ramp	44.3776	-123.8026	District	Release

BROODSTOCK (43F) AND RELEASE (43H and 43F)²

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	% Marked	43H Stock Release	43F Stock Release	Total Smolts Released
2014	58	68	54%	100%	71,993	74,713	146,706
2015	0	78	100%	100%	107,356	37,655	145,011
2016	0	97	100%	100%	65,821	82,032	147,853
2017	153	45	23%	100%	64,271	83,450	147,721
2018	108	44	29%	100%	40,296	105,135	145,431
2019	104	77	43%	100%	41,801	105,089	146,890
2020	160	61	28%	100%	41,878	106,491	148,369
2021	122	24	16%	100%	40,750	105,630	146,380
2022	549	24	4%	100%	41,561	103,522	145,083
2023	456	26	5%	100%	42,706	102,523	145,229
2024	488	63	11%	100%	41,521	107,471	148,992
<i>Average</i>	<i>200</i>	<i>55</i>	<i>38%</i>	<i>100%</i>			<i>146,697</i>
Target	Total ≥ 90 fish			100%			140,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	2,410	1.9%	798	N/A	25	3,233
2015	-	4,314	3.4%	1,075	N/A	13	5,402
2016	-	2,791	2.1%	1,368	N/A	8	4,167
2017	-	1,427	1.0%	893	N/A	6	2,326
2018	-	1,428	1.0%	571	N/A	6	2,005
2019	-	3,090	2.1%	568	N/A	3	3,661
2020	-	2,908	2.0%	927	N/A	7	3,842
2021	-	1,812	1.2%	250	N/A	2	2,064
2022	-	2,199	1.5%	1,375	N/A	N/A	3,574
2023	-	1,569	1.1%	667	N/A	N/A	2,236
2024	-	3,088	2.1%	1,789	N/A	N/A	4,877
<i>Average</i>		<i>2,458</i>	<i>1.8%</i>	<i>935</i>		<i>9</i>	<i>3,399</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Alsa 43H stock was established in 1936. Naturally-produced fish were last incorporated in the stock in the early 1980s.

² CMP changed smolt release from 120,000 to 140,000.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	SIU-StW
Run:	Winter	Stock Name:	Siuslaw River (38H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Siuslaw	Broodstock Type:	Local, integrated
Management Area/s:	Siuslaw R, Siuslaw R - Lake Crk	Program Duration:	1995 - Ongoing

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Whittaker Creek trap	43.98	-123.66	District/STEP	Collect, Spawn, Release
Letz Cr STEP Facility	43.82	-123.32	District/STEP	Collect, Spawn, Incubate, Rear, Release
Alsea Hatchery	44.4228	-123.5658	Hatchery	Incubate
Roaring River Hatchery	44.6244	-122.7222	Hatchery	Rear
Green Creek	42.4255	-124.3987	District/STEP	Release

BROODSTOCK², REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	399	5	1%	330,543	134,498	100%	76,278
2015	217	2	1%	267,933	131,223	100%	65,265
2016	347	1	0%	346,948	247,051	100%	96,048
2017	176	0	0%	305,461	220,900	100%	99,619
2018	525	0	0%	671,380	242,645	100%	103,937
2019	426	0	0%	528,558	130,830	100%	97,055
2020	418	4	1%	410,688	180,100	100%	99,252
2021	195	3	2%	250,677	172,327	100%	94,381
2022	425	1	0%	388,687	143,676	100%	107,983
2023	361	0	0%	448,521	144,702	100%	91,462
2024	826	0	0%	673,522	146,632	100%	99,476
<i>Average</i>	392	1	0.5%			100%	93,705
Target	Total ≥ 200 fish					100%	100,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	1,493	1.8%	N/A	N/A	N/A	1,493
2015	-	1,615	2.0%	N/A	N/A	N/A	1,615
2016	-	1,629	2.0%	16	N/A	N/A	1,645
2017	-	372	0.5%	24	N/A	N/A	396
2018	-	1,859	2.3%	24	N/A	N/A	1,883
2019	-	1,169	1.3%	24	N/A	N/A	1,193
2020	-	623	0.6%	8	N/A	N/A	631
2021	-	343	0.3%	0	N/A	N/A	343
2022	-	789	0.8%	6	N/A	N/A	795
2023	-	326	0.3%	N/A	N/A	N/A	326
2024	-	573	0.6%	N/A	N/A	N/A	573
<i>Average</i>		981	1.2%	15			990

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Incubation at Willamette hatchery ended in 2017, eggs are now transferred directly from Alsea Hatchery to Roaring River.

² Fish collected for broodstock are generally live-spawned and released.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	SUM-StW
Run:	Winter	Stock Name:	South Umpqua/Cow Creek (18H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	South Umpqua	Broodstock Type:	Local, integrated
Management Area/s:	South Umpqua R	Program Duration:	1999 - Ongoing

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Canyon Cr Trap	42.9175	-123.2723	District/STEP	Collect
Rock Cr Hatchery	43.3353	-123.0014	Hatchery	Hold, Spawn, Incubate, Rear
Barrett Cr Facility	43.0156	-123.4462	District/STEP	Rear
Eastwood Elem/Deer Cr	43.2088	-123.3190	District/STEP	Acclimate, Release
Canyonville Acclimation	42.9183	-123.2728	District/STEP	Acclimate, Release
Seven Feathers Pond	42.9422	-123.2817	Dist/CCBUTI	Acclimate, Release

BROODSTOCK, REARING, AND RELEASE²

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	59	50	46%	156,647	129,133	100%	79,927
2015	105	19	15%	183,298	133,889	100%	60,213
2016	139	54	28%	274,424	235,033	100%	91,256
2017	120	21	15%	259,790	227,730	100%	142,186
2018	79	67	46%	229,164	204,636	100%	63,451
2019	86	71	45%	293,889	257,790	100%	166,820
2020	112	37	25%	278,599	204,352	100%	0 ³
2021	121	28	19%	336,220	239,548	100%	145,808
2022	98	68	41%	202,935	145,046	100%	21,927
2023	68	73	52%	314,314	220,252	100%	98,164
2024	140	41	23%	309,967	252,971	100%	124,506
<i>Average</i>	<i>102</i>	<i>48</i>	<i>32%</i>			<i>100%</i>	<i>90,387</i>
Target	160-260 fish					100%	150,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	2,746	2.6%	210	N/A	N/A	2,956
2015	-	3,161	3.6%	256	N/A	N/A	3,417
2016	-	2,603	3.1%	395	N/A	N/A	2,998
2017	-	1,089	1.6%	272	N/A	N/A	1,361
2018	-	3,751	4.9%	422	N/A	N/A	4,173
2019	-	2,843	2.9%	443	N/A	N/A	3,286
2020	-	2,207	2.2%	344	N/A	N/A	2,551
2021	-	726	0.6%	251	N/A	N/A	977
2022	-	2,805	3.7%	615	N/A	N/A	3,420
2023	-	532	0.5%	111	N/A	N/A	643
2024	-	1,402	2.5%	517	N/A	N/A	1,919
<i>Average</i>		<i>2,170</i>	<i>2.6%</i>	<i>349</i>			<i>2,518</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Due to fire damage at Rock Creek Hatchery, spawning and rearing for brood years 2021-2023 occurred at Cole Rivers Hatchery.

² CMP changed smolt release from 120,000 to 150,000.

³ 2020 brood year production was lost due to the Archie Creek Fire.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	TEN-StW
Run:	Winter	Stock Name:	Tenmile Lakes (88H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Tenmile	Broodstock Type:	Local, integrated
Management Area/s:	Tenmile Lk/Crk	Program Duration:	2000-Ongoing

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Eel Lake Trap	43.6024	-124.1768	District/STEP	Collect
Bandon Hatchery	43.1161	-124.3842	Hatchery	Spawn, Incubate
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Incubate, Rear
Eel Cr Acclimation	43.6025	-124.176	District/STEP	Acclimate, Release
Saunders Cr Acclimation	43.5702	-124.2047	District/STEP	Acclimate, Release
Tenmile Acclimation	43.5721	-124.2002	District/STEP	Acclimate, Release

BROODSTOCK, REARING, AND RELEASE²

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	55	0	0%	45,784	34,821	100%	26,003
2015	50	0	0%	61,132	41,803	100%	24,556
2016	37	0	0%	35,328	25,000	100%	21,069
2017	61	0	0%	47,856	30,092	100%	25,220
2018	60	0	0%	58,642	41,837	100%	26,680
2019	72	0	0%	91,111	39,962	100%	25,011
2020	40	0	0%	48,922	44,868	100%	26,872
2021	43	0	0%	40,823	30,343	100%	26,849
2022	34	0	0%	46,361	10,450	100%	0
2023	38	0	0%	36,315	28,936	100%	25,734
2024	48	0	0%	70,144	35,113	100%	29,160
<i>Average</i>	<i>49</i>	<i>0</i>	<i>0%</i>			<i>100%</i>	<i>23,378</i>
Target	Total ≥ 20 fish					100%	25,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	384	2.2%	468	N/A	N/A	852
2015	-	329	1.9%	312	N/A	N/A	641
2016	-	104	0.5%	595	N/A	N/A	699
2017	-	88	0.4%	257	N/A	N/A	345
2018	-	654	2.7%	502	N/A	N/A	1,156
2019	-	247	1.0%	72	N/A	N/A	319
2020	-	304	1.2%	40	N/A	N/A	344
2021	-	159	0.6%	95	N/A	N/A	254
2022	-	105	0.4%	231	N/A	N/A	336
2023	-	104	0.4%	193	N/A	N/A	297
2024	-	130	0.7%	78	N/A	N/A	208
<i>Average</i>		<i>237</i>	<i>1.1%</i>	<i>258</i>			<i>496</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Rearing for 2023 and 2024 brood years occurred at Elk River Hatchery.

² CMP changed smolt release from 21,000 to 25,000.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	COO-StW
Run:	Winter	Stock Name:	Coos River (37H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Coos	Broodstock Type:	Local, integrated
Management Area/s:	Coos - EF Millicoma R, Coos - WF Millicoma R, SF Coos R	Program Duration:	1991-Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Various locations			District	Collect (Angler-Caught)
Millicoma Interpretive Ctr	43.4883	-124.0201	District/STEP	Collect, Hold, Spawn, Acclimate, Release
Bandon Hatchery	43.1161	-124.3842	Hatchery	Incubate
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Rear
Hodges Cr Acclimation	43.4397	-123.9942	District/STEP	Acclimate, Release
Big Cr Acclimation	43.3906	-123.9642	District/STEP	Acclimate, Release

BROODSTOCK, REARING, AND RELEASE¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Smolts Released
2014	420	0	0%	301,305	234,103	100%	129,924
2015	363	0	0%	287,807	219,471	100%	126,792
2016	388	0	0%	269,960	156,667	100%	70,903
2017	306	0	0%	298,690	133,261	100%	48,685
2018	189	0	0%	241,446	172,479	100%	121,894
2019	128	0	0%	189,322	166,096	100%	125,700
2020	211	0	0%	336,697	194,749	100%	127,195
2021	123	0	0%	201,274	155,116	100%	129,243
2022	147	0	0%	229,441	177,350	100%	54,457
2023	142	11	7%	244,306	76,093	100%	39,278
2024	235	0	0%	336,548	169,438	100%	47,604
<i>Average</i>	<i>241</i>	<i>1</i>	<i>1%</i>			<i>100%</i>	<i>92,880</i>
Target	Total ≥ 120 fish					100%	125,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	1,488	2.0%	1,012	N/A	N/A	2,500
2015	-	1,558	2.0%	588	N/A	N/A	2,146
2016	-	2,833	3.0%	1,024	N/A	N/A	3,857
2017	-	1,177	1.0%	567	N/A	N/A	1,744
2018	-	2,943	2.7%	189	N/A	N/A	3,132
2019	-	653	0.8%	128	N/A	N/A	781
2020	-	562	0.7%	211	N/A	N/A	773
2021	-	873	0.9%	133	N/A	N/A	1,006
2022	-	1,015	0.8%	183	N/A	N/A	1,198
2023	-	799	0.6%	166	N/A	N/A	965
2024	-	747	0.7%	238	N/A	N/A	985
<i>Average</i>		<i>1,332</i>	<i>1.4%</i>	<i>404</i>			<i>1,735</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Smolt release targets in CMP were 53,000 for EF Millicoma R; 35,000 for WF Millicoma R; 37,000 for SF Coos R.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	NCQ-StW
Run:	Winter	Stock Name:	Coquille River (44H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Coquille	Broodstock Type:	Local, integrated
Management Area/s:	NF Coquille R	Program Duration:	1981-Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Various locations			District	Collect (Angler-Caught)
Bandon Hatchery	43.1161	-124.3842	Hatchery	Collect, Hold, Spawn, Incubate, Rear
Laverne Park	43.2583	-124.0211	District	Collect, Release
Ferry Creek	43.1161	-124.3842	Hatchery	Release

BROODSTOCK, REARING, AND RELEASE^{1, 2}

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Total Released
2014	24	14	37%	79,954	61,701	100%	54,230
2015	32	13	29%	81,792	58,475	100%	43,956
2016	77	0	0%	128,208	59,380	100%	49,381
2017	71	2	3%	117,132	68,149	100%	42,080
2018	36	3	8%	97,973	68,582	100%	45,872
2019	32	3	9%	77,487	72,723	100%	46,591
2020	30	3	9%	83,369	61,740	100%	44,079
2021	10	0	0%	30,534	28,300	100%	45,914 ³
2022	52	3	5%	108,331	62,590	100%	44,032
2023	21	11	34%	92,507	60,144	100%	44,184
2024	81	6	7%	153,720	63,800	100%	45,208
<i>Average</i>	42	5	13%			100%	45,957
Target	Total ≥ 48 fish					100%	45,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014							
2015							
2016							
2017							
2018							
2019							
2020							
2021							
2022							
2023							
2024							
<i>Average</i>							

See SCQ-StW

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.
^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.
^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).
^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP discontinued release of 20,000 smolts in EF Coquille and increased NF Coquille release from 25,000 to 45,000 smolts.
² Since 2017, 3,000 smolts have been released in Ferry Creek each year for broodstock maintenance.
³ Due to a Stock 44H broodstock shortage, Stock 144H smolts made up a portion of the brood year 2021 release.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	SCQ-StW
Run:	Winter	Stock Name:	South Fork Coquille (144H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Coquille	Broodstock Type:	Local, integrated
Management Area/s:	SF Coquille R	Program Duration:	1992-Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
SF Coquille R, various locations			District	Collect (Angler-Caught)
Bandon Hatchery	43.1161	-124.3842	Hatchery	Hold, Spawn, Incubate, Rear
Beaver Cr	42.9395	-124.0997	District	Collect, Acclimate, Release
Woodward Cr	42.8991	-124.0752	District	Collect, Acclimate, Release

BROODSTOCK, REARING, AND RELEASE

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Total Released
2014	53	8	13%	108,351	86,455	100%	63,252
2015	48	7	13%	107,835	94,463	100%	67,400
2016	57	9	14%	118,249	90,007	100%	74,635
2017	57	3	5%	90,124	79,605	100%	64,053
2018	71	2	3%	160,089	96,349	100%	72,738
2019	52	1	2%	115,628	102,030	100%	69,458
2020	32	8	20%	116,375	95,080	100%	66,688
2021	44	4	8%	128,371	116,100	100%	70,060
2022	50	3	6%	133,182	88,655	100%	62,288
2023	40	3	7%	116,960	83,166	100%	52,238
2024	66	0	0%	166,380	99,200	100%	67,002
<i>Average</i>	52	4	8%			100%	66,347
Target	Total ≥ 64 fish					100%	70,000

HATCHERY RETURNS (Stock 44 and 144 combined)

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	3,866	3.4%	96	N/A	N/A	3,962
2015	-	2,705	2.6%	93	N/A	N/A	2,798
2016	-	4,065	3.9%	131	N/A	N/A	4,196
2017	-	2,043	2.0%	180	N/A	N/A	2,223
2018	-	3,356	2.9%	121	N/A	N/A	3,477
2019	-	3,175	2.8%	101	N/A	N/A	3,276
2020	-	1,917	1.6%	74	N/A	N/A	1,991
2021	-	795	0.7%	59	N/A	N/A	854
2022	-	1,281	1.1%	107	N/A	N/A	1,388
2023	-	1,067	0.9%	148	N/A	N/A	1,215
2024	-	1,492	1.3%	164	N/A	N/A	1,656
<i>Average</i>		2,342	2.1%	116			2,458

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	TWI-StS
Run:	Summer	Stock Name:	Nestucca (47H) & Siletz (33H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Tillamook	Broodstock Type:	Non-local ¹
Management Area/s:	Tillamook - Wilson R	Program Duration:	1987 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Cedar Creek Hatchery	45.1709	-123.8018	Hatchery	Collect, Hold, Spawn, Incubate, Rear
South Fork Wilson River	45.5905	-123.4663	District	Release
Hughey Creek STEP Facility	45.4689	-123.7697	District/STEP	Acclimate, Release

BROODSTOCK, REARING, AND RELEASE²

Brood Year	Hatchery Brood	Natural Origin Brood	Average Fecundity	Viable Eggs	Ponded Fry	% Marked	Total Released
2014						100%	50,962
2015						100%	50,377
2016						100%	47,851
2017						100%	50,812
2018						100%	50,156
2019			See NES-StS ³			100%	49,712
2020						100%	50,014
2021						100%	51,190
2022						100%	51,518
2023						100%	54,135
2024						100%	54,564
<i>Average</i>						<i>100%</i>	<i>51,026</i>
Target						100%	50,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	427	1.5%	97	N/A	N/A	524
2015	-	545	1.8%	55	N/A	N/A	600
2016	-	814	2.2%	214	N/A	N/A	1,028
2017	-	927	2.1%	34	N/A	N/A	961
2018	-	744	1.5%	47	N/A	N/A	791
2019	-	241	0.5%	12	N/A	N/A	253
2020	-	310	0.6%	31	N/A	N/A	341
2021	-	124	0.2%	5	N/A	N/A	129
2022	-	471	0.9%	40	N/A	N/A	511
2023	-	183	0.4%	8	N/A	N/A	191
2024		438	0.9%	28	N/A	N/A	466
<i>Average</i>		<i>475</i>	<i>1.1%</i>	<i>52</i>			<i>527</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ The Tillamook Basin does not have a native population of StS; Stock 47H originated from naturally-produced Siletz River StS.

² CMP changed smolt release from 30,000 to 50,000.

³ NES-StS broodstock and rearing produces the summer steelhead smolts released in the Wilson River.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	NES-StS
Run:	Summer	Stock Name:	Nestucca (47H) & Siletz (33H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Nestucca	Broodstock Type:	Non-local ¹
Management Area/s:	Nestucca R	Program Duration:	1987 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Cedar Creek Hatchery	45.1709	-123.8018	Hatchery	Collect, Hold, Spawn, Incubate, Rear, Release
Nestucca R	45.1843	-123.9573	District	Release

BROODSTOCK², REARING, AND RELEASE³

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	47 Stock Eggs	33 Stock Eggs	% Marked	Total Released
2014	79	0	0%	108,807	46,778	100%	53,916
2015	99	0	0%	138,430	32,353	100%	61,080
2016	107	0	0%	180,806	39,315	100%	51,090
2017	74	0	0%	124,187	61,608	100%	55,871
2018	84	0	0%	147,975	43,884	100%	51,343
2019	96	0	0%	167,588	37,704	100%	56,946
2020	88	0	0%	137,471	50,577	100%	54,410
2021	61	0	0%	145,632	49,875	100%	53,215
2022	82	0	0%	124,178	38,445	100%	54,540
2023	70	0	0%	122,880	39,028	100%	54,965
2024	107	0	0%	194,037	40,129	100%	52,598
<i>Average</i>	86	0	0%			100%	54,543
Target	Total ≥ 120 fish					100%	50,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	826	1.1%	411	N/A	N/A	1,237
2015	-	716	1.0%	192	N/A	N/A	908
2016	-	1,427	2.1%	220	N/A	N/A	1,647
2017	-	852	1.4%	341	N/A	N/A	1,193
2018	-	860	1.6%	309	N/A	N/A	1,169
2019	-	369	0.7%	169	N/A	N/A	538
2020	-	287	0.5%	71	N/A	N/A	358
2021	-	77	0.1%	184	N/A	N/A	261
2022	-	400	0.7%	359	N/A	N/A	759
2023	-	191	0.3%	352	N/A	N/A	543
2024	-	470	0.9%	326	N/A	N/A	796
<i>Average</i>		589	0.9%	267			855

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ The Nestucca Basin does not have a native population of StS; Stock 47H originated from naturally-produced Siletz River StS.

² The program goal is for eggs to be approximately 2/3 from Nestucca River adults and 1/3 from Siletz River adults.

³ CMP changed smolt release from 70,000 to 50,000.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	SIL-StS
Run:	Summer	Stock Name:	Siletz River (33H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	Siletz	Broodstock Type:	Local, segregated
Management Area/s:	Siletz R	Program Duration:	1958 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Siletz Falls Trap	44.8627	-123.7331	District	Collect
Cedar Creek Hatchery	45.1709	-123.8018	Hatchery	Hold, Spawn
Roaring River Hatchery	44.6244	-122.7222	Hatchery	Incubate, Rear
Siletz R, multiple locations			District	Release

BROODSTOCK, REARING, AND RELEASE¹

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Total Released
2014	134	0	0%	216,997	184,403	100%	49,157
2015	98	0	0%	168,683	128,251	100%	54,689
2016	100	0	0%	191,015	142,985	100%	61,171
2017	86	0	0%	190,145	137,967	100%	58,910
2018	101	0	0%	169,051	120,675	100%	54,194
2019	69	0	0%	193,768	122,373	100%	50,034
2020	75	0	0%	183,473	129,887	100%	52,041
2021	89	0	0%	173,593	128,627	100%	49,197
2022	87	0	0%	144,139	112,868	100%	53,540
2023	87	0	0%	161,142	136,157	100%	47,878
2024	96	0	0%	168,315	116,862	100%	57,811
<i>Average</i>	<i>93</i>	<i>0</i>	<i>0%</i>			<i>100%</i>	<i>53,511</i>
Target	Total ≥ 90 fish					100%	50,000

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners	Other ^d	Total
2014	-	507	0.7%	1,505	N/A	N/A	2,012
2015	-	1,197	1.7%	2,925	N/A	N/A	4,122
2016	-	1,093	1.6%	3,119	N/A	N/A	4,212
2017	-	561	0.9%	1,203	N/A	N/A	1,764
2018	-	786	1.4%	1,470	N/A	N/A	2,256
2019	-	142	0.2%	579	N/A	N/A	721
2020	-	93	0.2%	559	N/A	N/A	652
2021	-	16	0.03%	171	N/A	N/A	187
2022	-	214	0.4%	366	N/A	N/A	580
2023	-	25	0.05%	332	N/A	N/A	357
2024	-	266	0.5%	1,105	N/A	N/A	1,371
<i>Average</i>		<i>445</i>	<i>0.7%</i>	<i>1,212</i>			<i>1,658</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ CMP changed smolt release from 80,000 to 50,000.

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	NUM-StS
Run:	Summer	Stock Name:	Umpqua River (55H)
SMU:	Coastal	Program Type:	Harvest: Augmentation
Population Area:	North Umpqua	Broodstock Type:	Local, integrated
Management Area/s:	North Umpqua R	Program Duration:	1959 – (see 2022 CMP Implementation Report for details)

FACILITIES/LOCATIONS¹

Name	Latitude	Longitude	Operated By	Activities
Winchester Dam Trap	43.2847	-123.3545	District	Collect
Rock Cr Hatchery	43.3353	-123.0014	Hatchery	Collect, Spawn, Incubate, Rear, Release

BROODSTOCK, REARING, AND RELEASE

N/A = not available

Brood Year	Hatchery Brood	Natural Origin Brood	% Natural Origin Brood	Viable Eggs	Ponded Fry	% Marked	Total Released
2014	86			135,642	105,050	100%	75,287
2015	150			256,417	210,787	100%	10,363
2016	126			176,324	133,627	100%	74,437
2017	189	See Program Notes²		342,908	299,925	100%	114,604
2018	111			240,097	212,132	100%	23,872
2019	80			228,119	193,764	100%	118,716
2020	128			317,357	206,171	100%	0 ³
2021	151	49	25%	400,927	266,728	100%	62,166
2022	19	0	0%	18,513	14,779	100%	6,790
2023	142	0	0%	241,387	155,253	100%	59,115
2024	4	0	0%	6,733	1,595	100%	0
<i>Average</i>	<i>108</i>	<i>N/A</i>	<i>N/A</i>			<i>100%</i>	<i>49,577</i>
Target	220-280 fish					100%	

HATCHERY RETURNS

"-" = not applicable; N/A = not available

Return Year	Ocean Harvest	Bay & River Harvest ^a	Bay & River Harvest/ Smolts Released ^b	Retained at Hatchery ^c	Spawners ^d	Other ^e	Total
2014	-	1,232	1.3%	341	1,587	N/A	3,160
2015	-	950	1.2%	446	1,080	N/A	2,476
2016	-	1,135	1.3%	119	2,491	N/A	3,745
2017	-	692	1.1%	517	1,263	N/A	2,472
2018	-	615	0.9%	265	447	N/A	1,327
2019	-	393	0.5%	140	658	N/A	1,191
2020	-	362	0.5%	289	897	N/A	1,548
2021	-	16	0.02%	210	187	N/A	413
2022	-	744	1.6%	138	1,908	N/A	2,790
2023	-	14	0.02%	306	56	N/A	376
2024	-	14	0.1%	20	59	N/A	93
<i>Average</i>		<i>561</i>	<i>0.8%</i>	<i>254</i>	<i>967</i>		<i>1,781</i>

^a Includes returns from multiple brood years; 2018 return year was first with majority of return from post-CMP brood years.

^b Bay and river harvest divided by average of smolt releases 1-3 years prior to return year.

^c Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.).

^d Winchester Dam estimate minus fish retained at the hatchery and estimated harvest above the dam.

^e Fish removed at other instream traps, pre-spawn mortalities, etc.

PROGRAM NOTES

¹ Due to fire damage at Rock Creek Hatchery, spawning and rearing for brood years 2021-2023 occurred at Cole Rivers Hatchery; fish were acclimated at Rock Creek Hatchery prior to release.

² Natural origin broodstock records for 2014-2020 are incomplete and the missing data cannot be retrieved; percent natural origin brood was approximately 30% during this period.

³ All 2020 brood year production was lost due to wildfire.