

Additional Analysis of Angler Survey Results

The following tables and graphs were generated by ODFW Biometrician Josh McCormick. Most of these tables and graphs come from further analyses of the responses to Question 18 of the Angler Survey and the region in which the angler resides (see page 2 of OSU's report on the survey). Refer to the OSU report to see the questions being referenced below.

Questions related to these tables and graphs and the methods to generate them should be directed to Kevin Goodson (Kevin.W.Goodson@state.or.us or (503) 947-6250).

Table 1. Total angler days, total anglers, mean days per angler, and total days by species for each population/basin.

Basin	Total angler days	Total anglers	Mean days per angler	Chum	Coho	Fall Chinook	Spring Chinook	Winter steelhead	Summer steelhead	Cutthroat
Necanicum	13,682	2,425	5.64	0	2,313	5,951	504	7,042	314	1,004
Nehalem	66,633	13,412	4.97	0	12,566	20,549	5,207	22,794	1,169	5,150
Tillamook Bay	216,388	24,797	8.73	10,153	17,289	96,594	36,791	95,877	15,893	21,222
Nestucca	71,677	13,100	5.47	0	1,228	31,936	10,462	29,342	8,407	5,914
Salmon	25,589	3,822	6.70	0	493	16,502	532	3,988	990	183
Siletz	68,511	10,368	6.61	0	6,766	24,655	5,854	17,156	18,416	3,663
Yaquina	28,595	5,197	5.50	73	9,274	17,844	811	1,287	236	429
Alsea	76,888	10,383	7.41	0	6,921	33,745	514	23,117	371	5,516
Yachats Aggregate	3,879	806	4.81	0	453	607	0	480	14	803
Siuslaw	91,599	9,811	9.34	0	20,941	41,976	1,271	25,373	1,820	5,904
Lower Umpqua	85,334	9,599	8.89	0	19,590	36,429	20,615	12,918	1,895	456
Middle Umpqua	24,413	2,761	8.84	0	3,028	6,610	3,703	6,236	3,417	2,308
North Umpqua	37,804	4,520	8.36	0	1,026	2,076	10,114	8,705	12,088	877
South Umpqua	21,125	2,811	7.51	0	51	785	302	9,701	1,320	1,383
Tenmile Lakes/Creek	6,202	1,313	4.73	0	623	265	66	1,653	0	1,695
Coos	81,576	10,384	7.86	0	17,498	42,526	1,314	17,427	944	2,414
Coquille	63,057	8,269	7.63	0	10,227	26,309	1,456	26,149	2,751	1,795
Floras	1,352	253	5.35	0	47	515	0	240	418	529
Sixes	9,530	2,274	4.19	0	62	5,655	168	1,966	186	199
Elk	14,922	2,882	5.18	0	124	11,314	177	3,101	92	118
Unknown	107,627	--	--	0	6,716	27,208	25,268	15,794	8,754	7,037
ErrorCheck	26,634	--	--	0	719	2,150	2,296	3,939	4,321	1,872
Other	62,025	--	--	146	3,431	19,101	16,906	10,742	6,067	1,363
Coastal basin totals	1,008,756	139,186	7.25	10,226	130,519	422,844	99,862	314,551	70,742	61,561

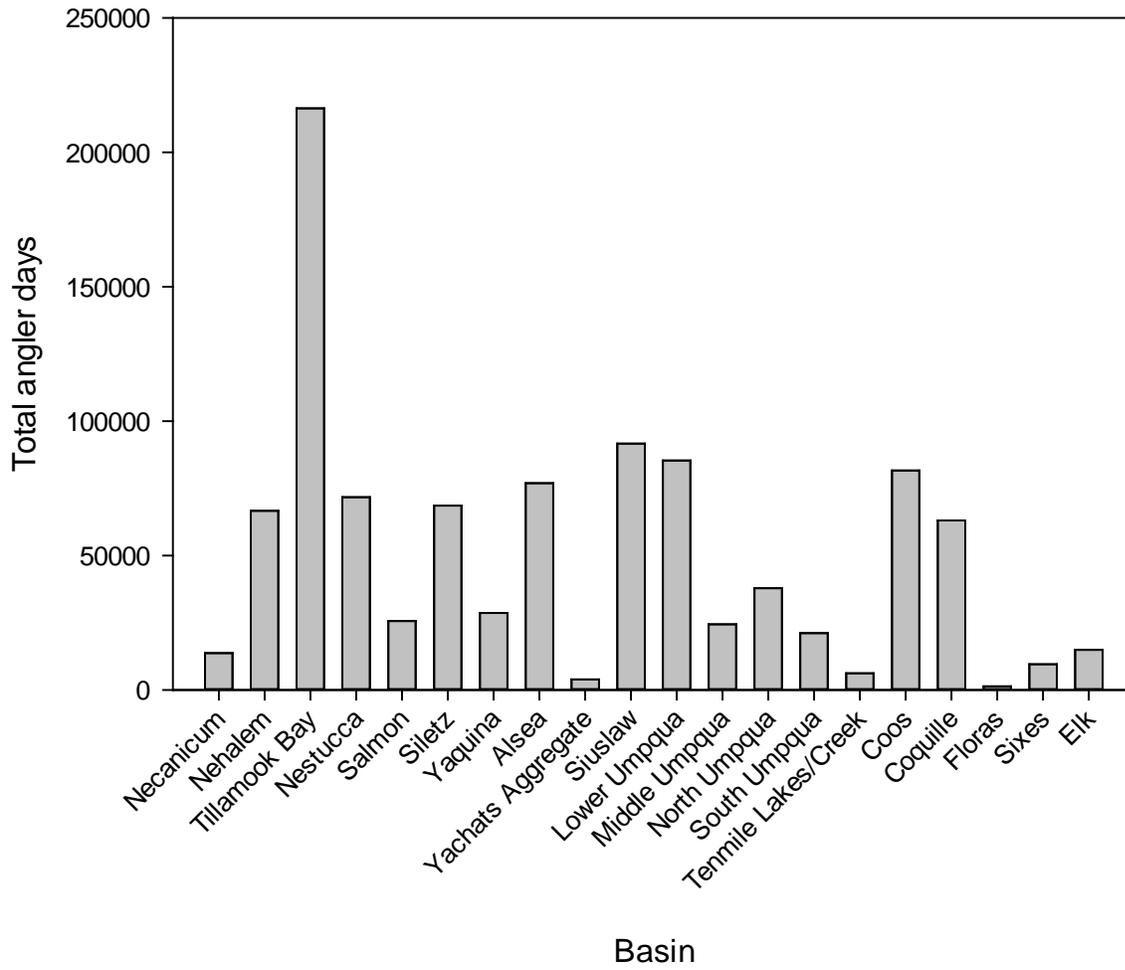


Figure 1. Angler days by basin.

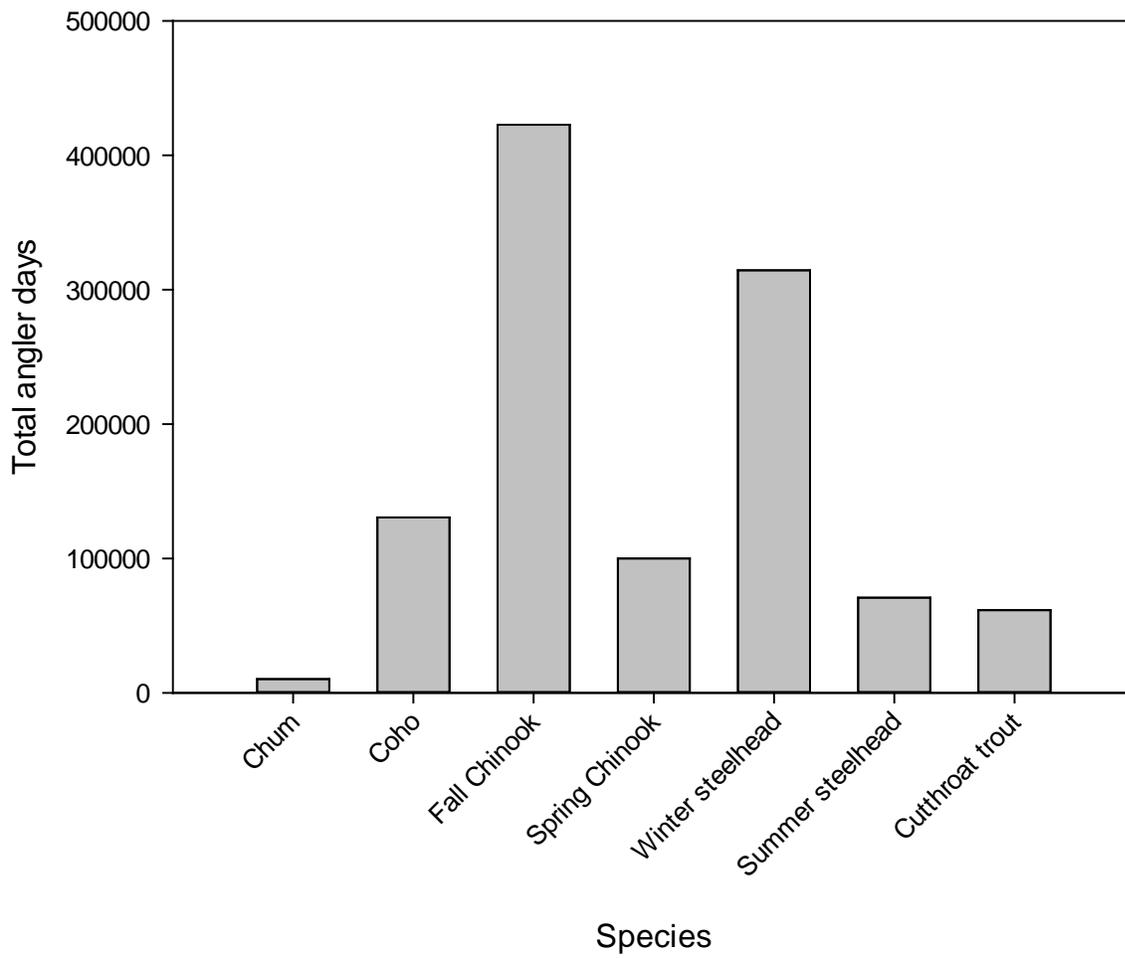


Figure 2. Total angler days by species.

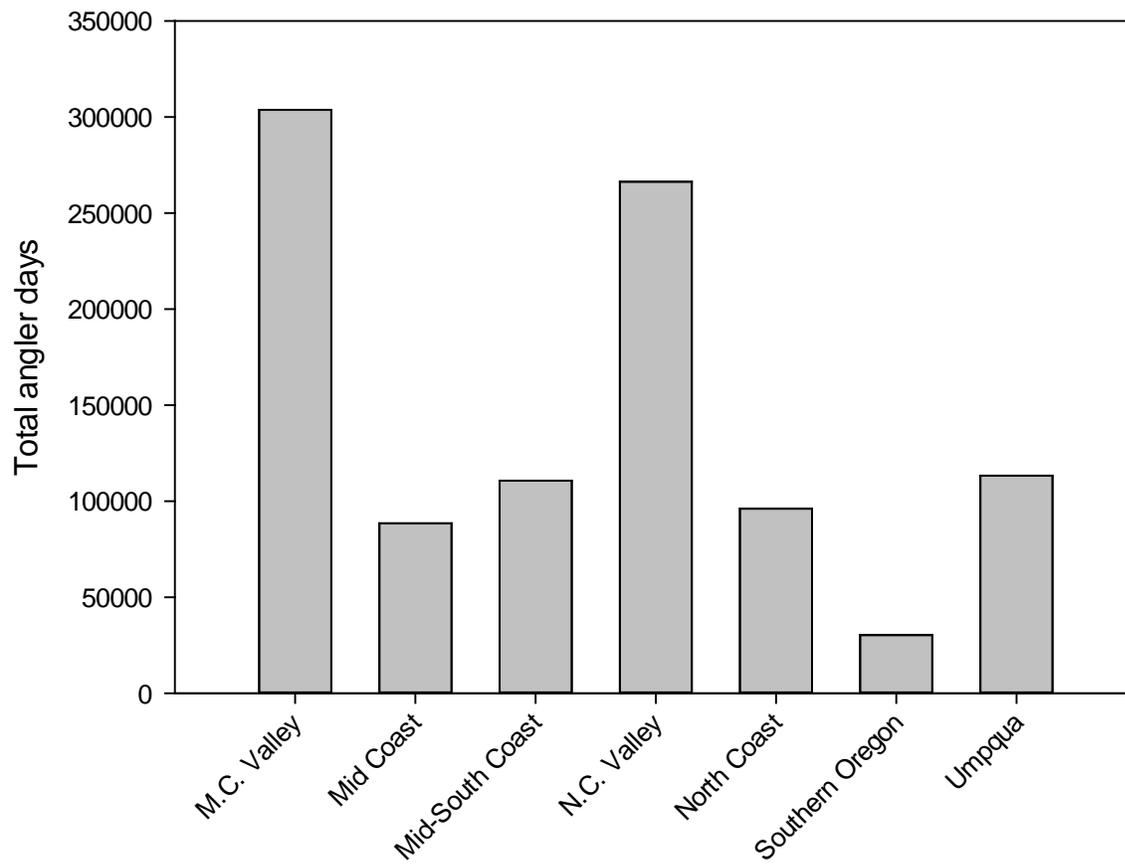


Figure 3. Total angler days by region of respondent's residence.

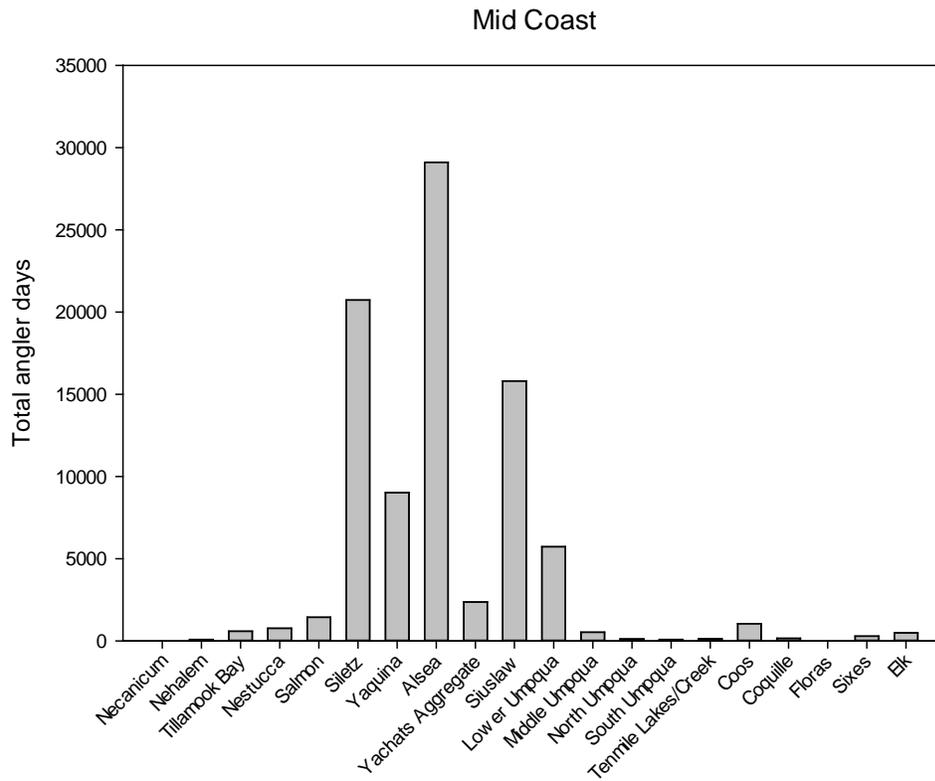
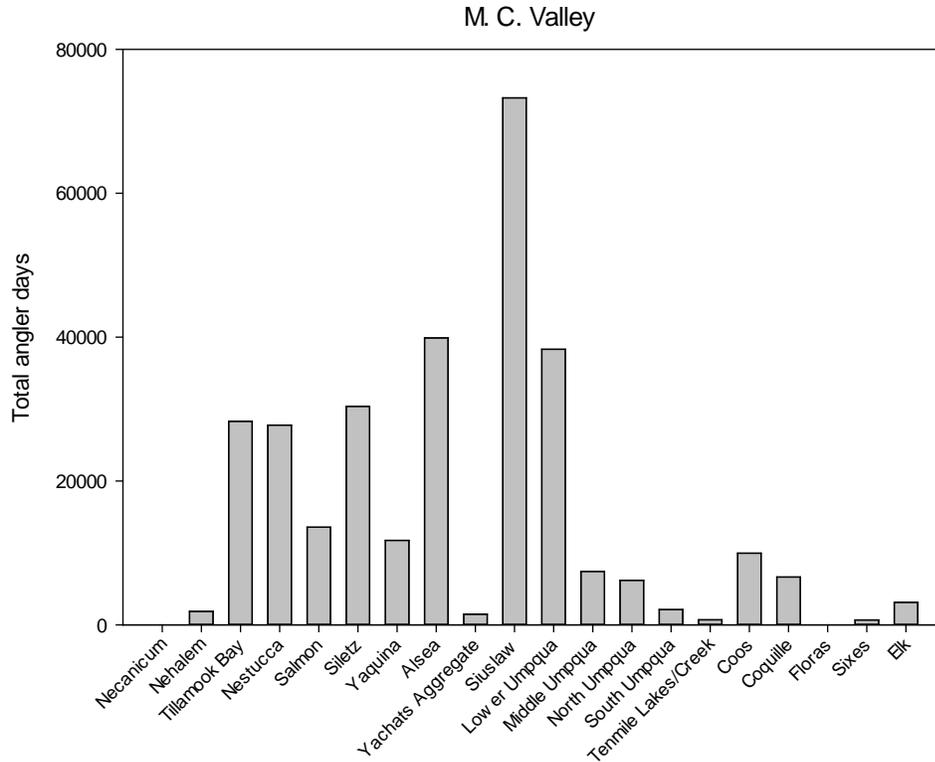


Figure 4. Total angler days by basin and region of respondent's residence.

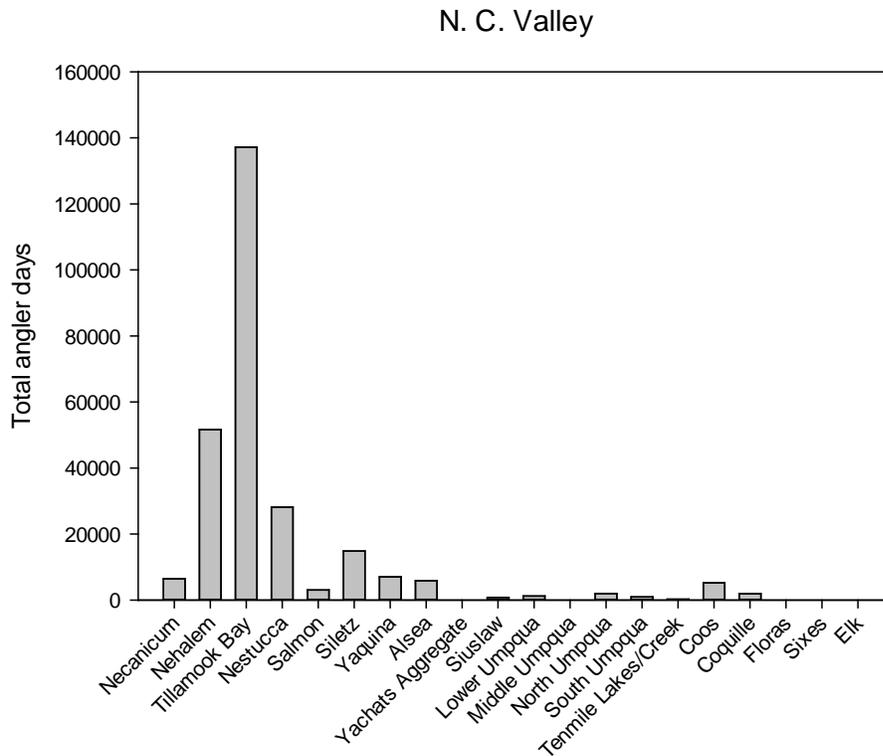
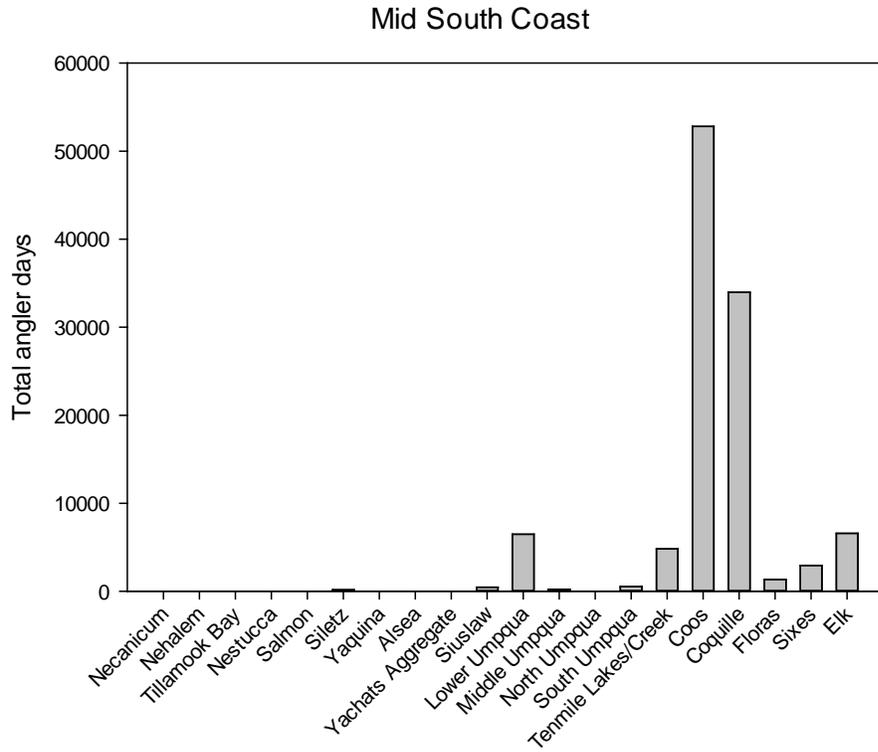


Figure 4 (cont'd). Total angler days by basin and region of respondent's residence.

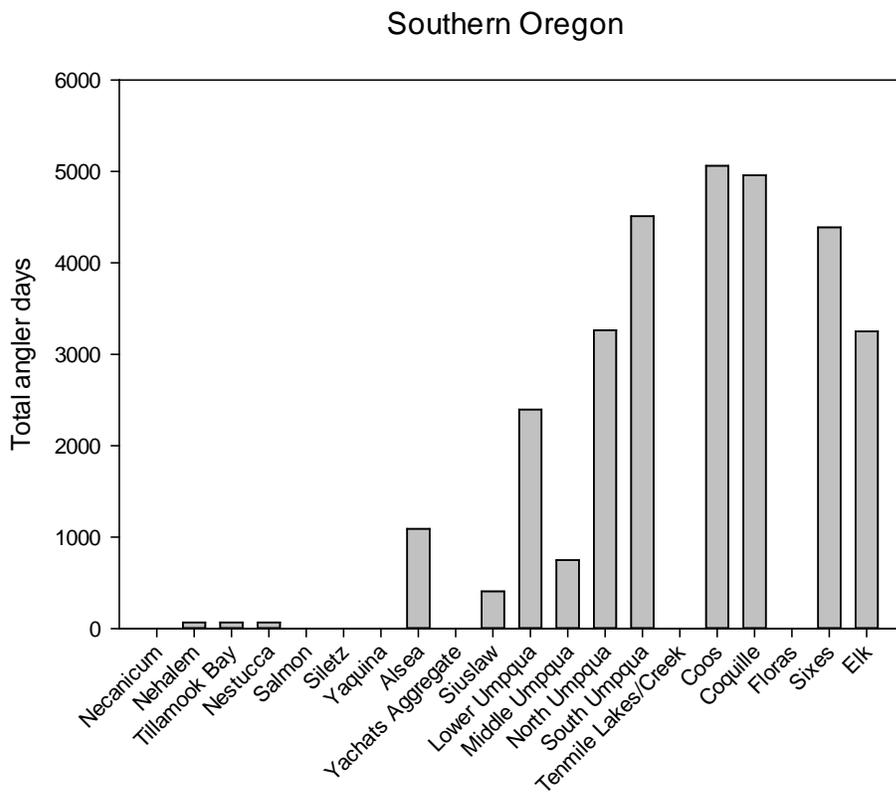
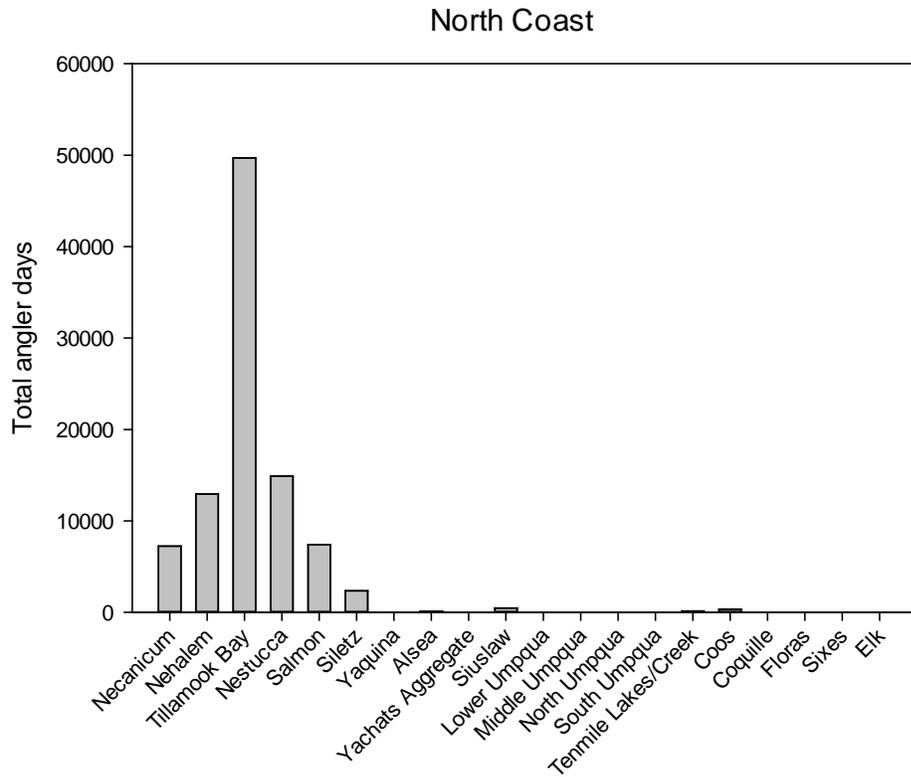


Figure 4 (cont'd). Total angler days by basin and region of respondent's residence.

Umpqua

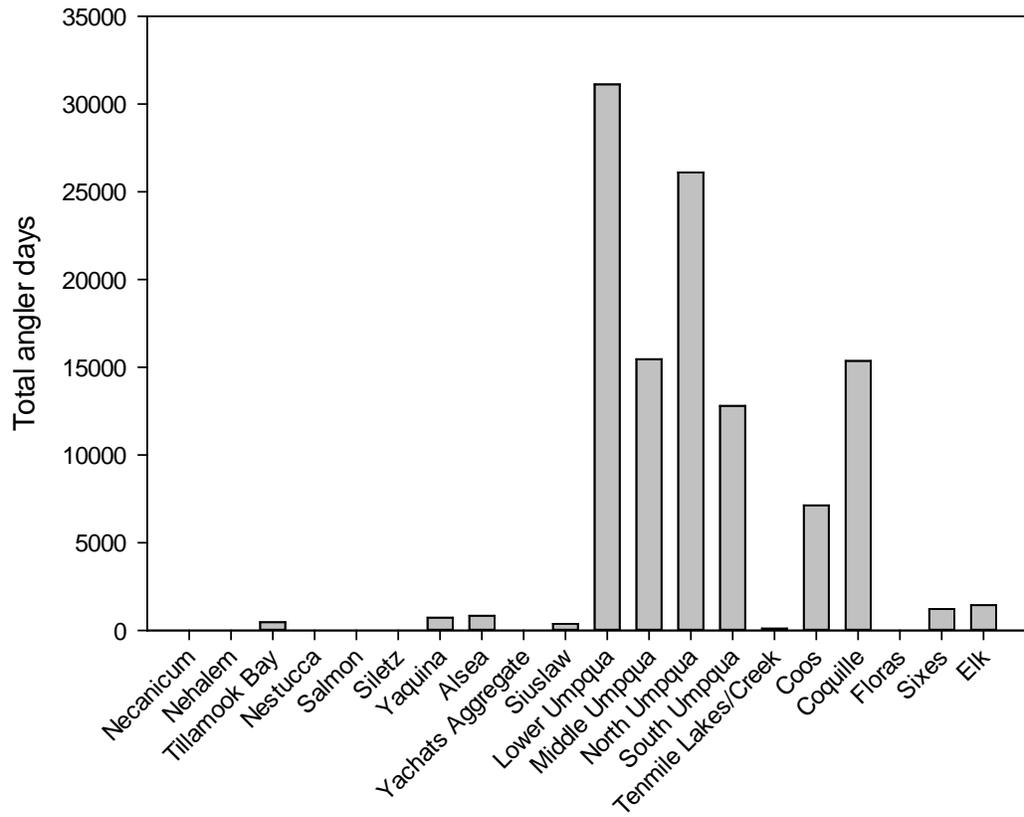


Figure 4 (cont'd). Total angler days by basin and region of respondent's residence.

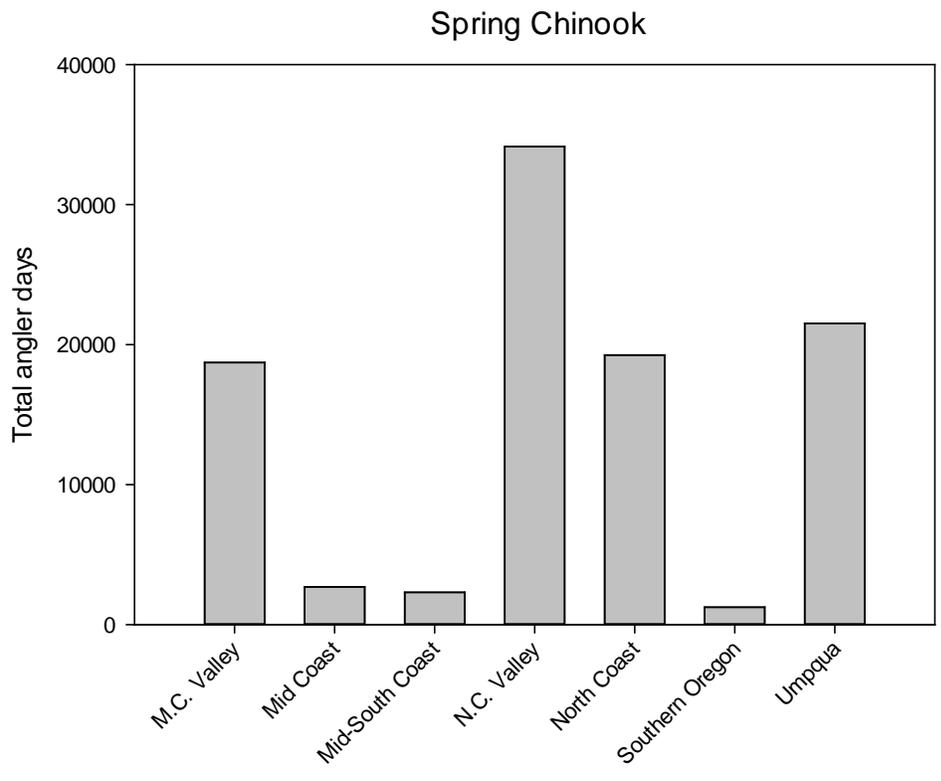
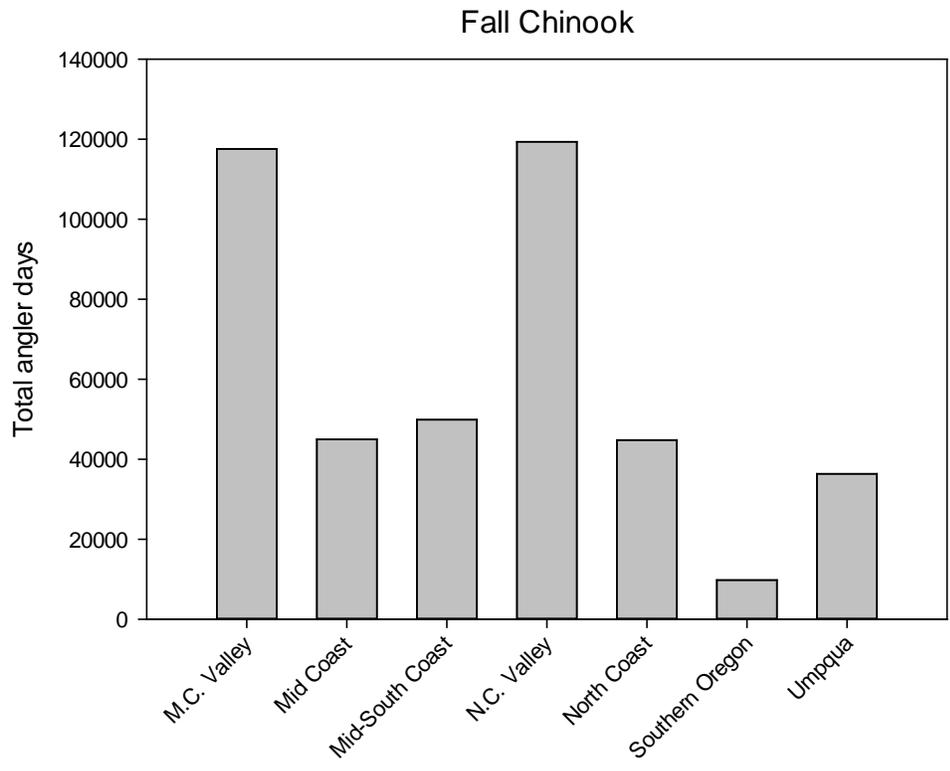


Figure 5. Total angler days by species and region of respondent's residence.

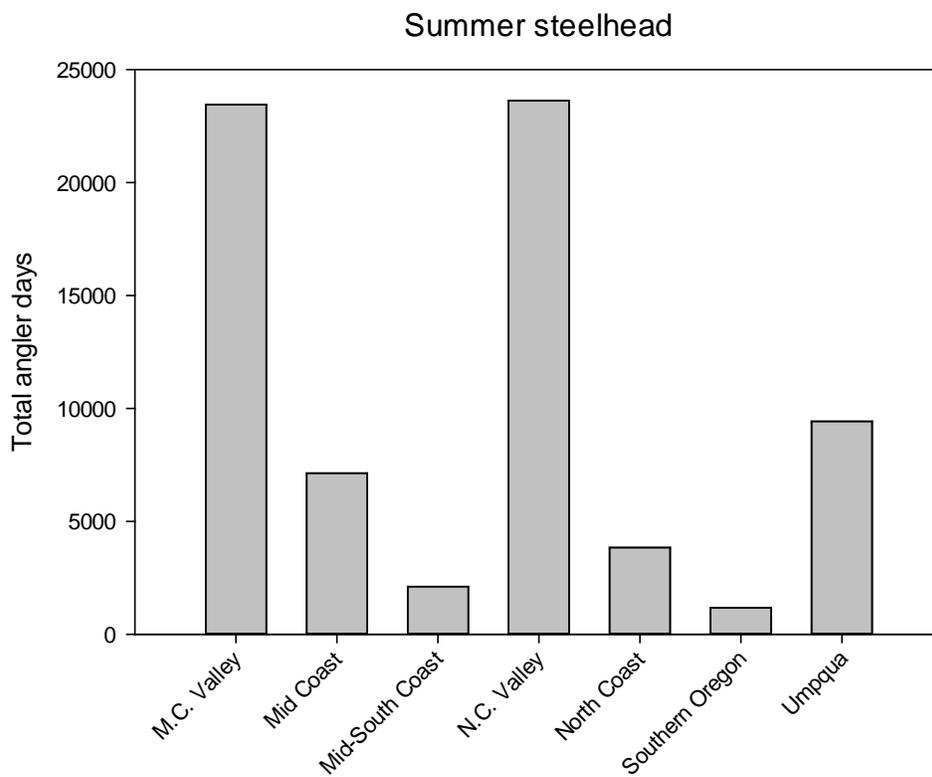
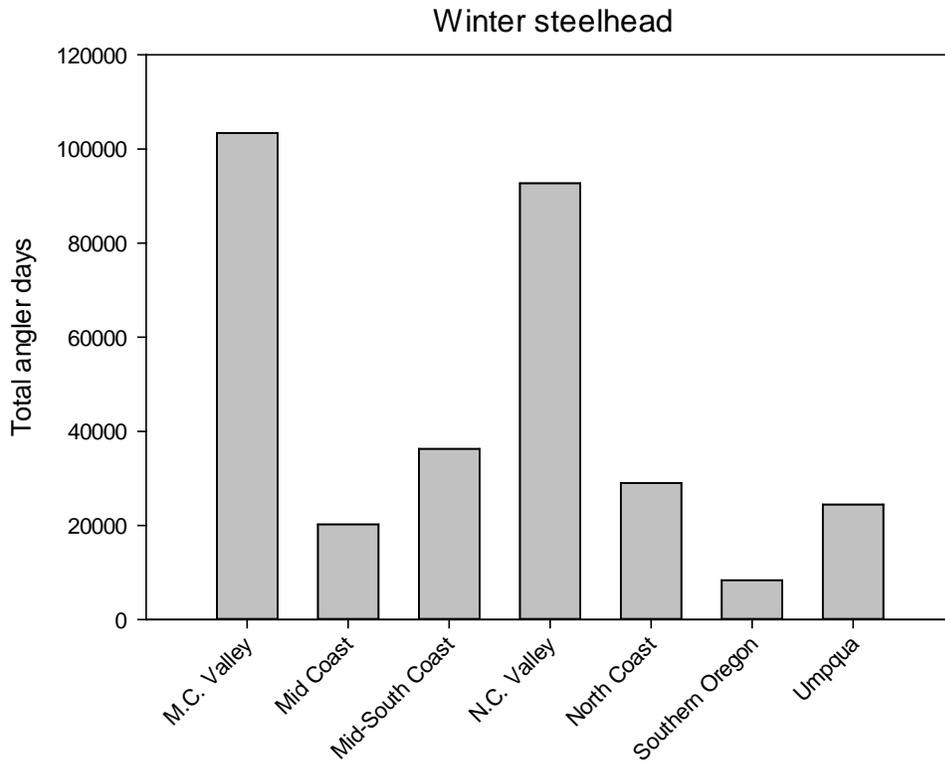


Figure 5 (cont'd). Total angler days by species and region of respondent's residence.

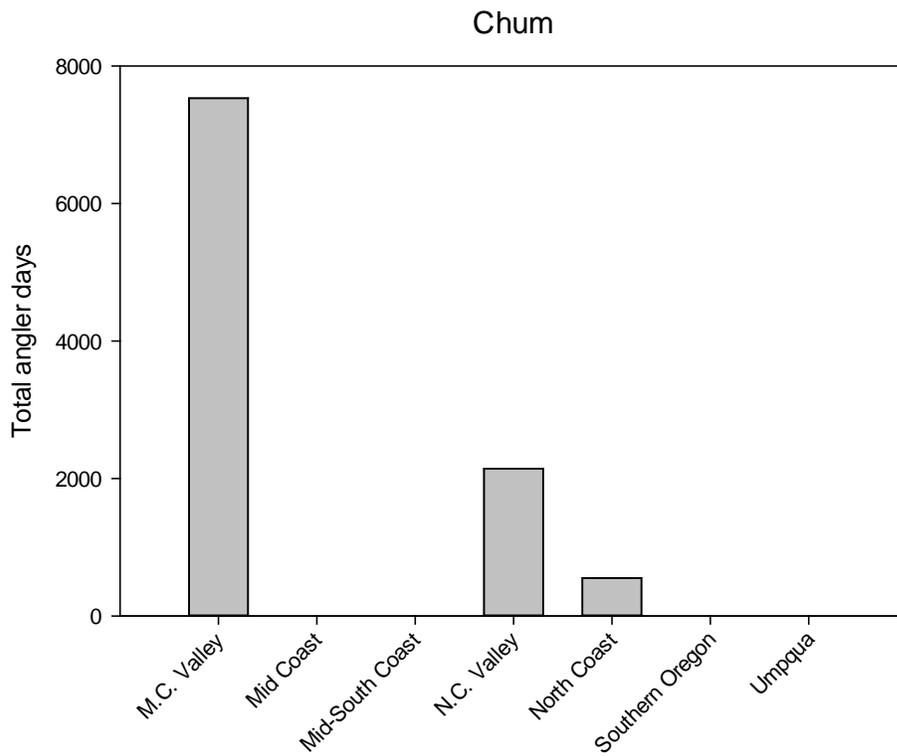
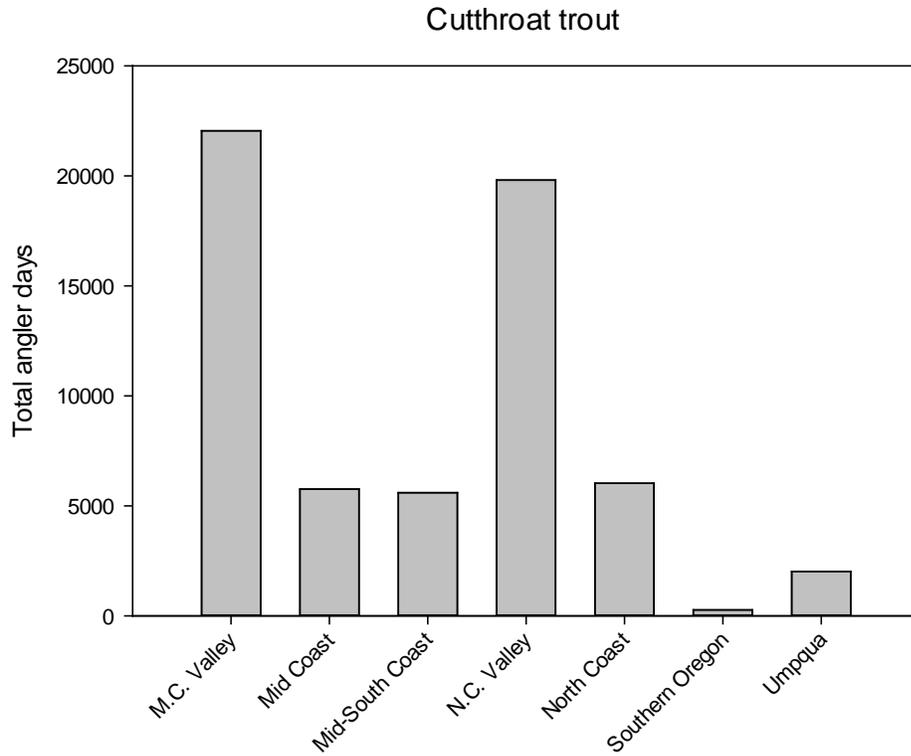


Figure 5 (cont'd). Total angler days by species and region of respondent's residence.

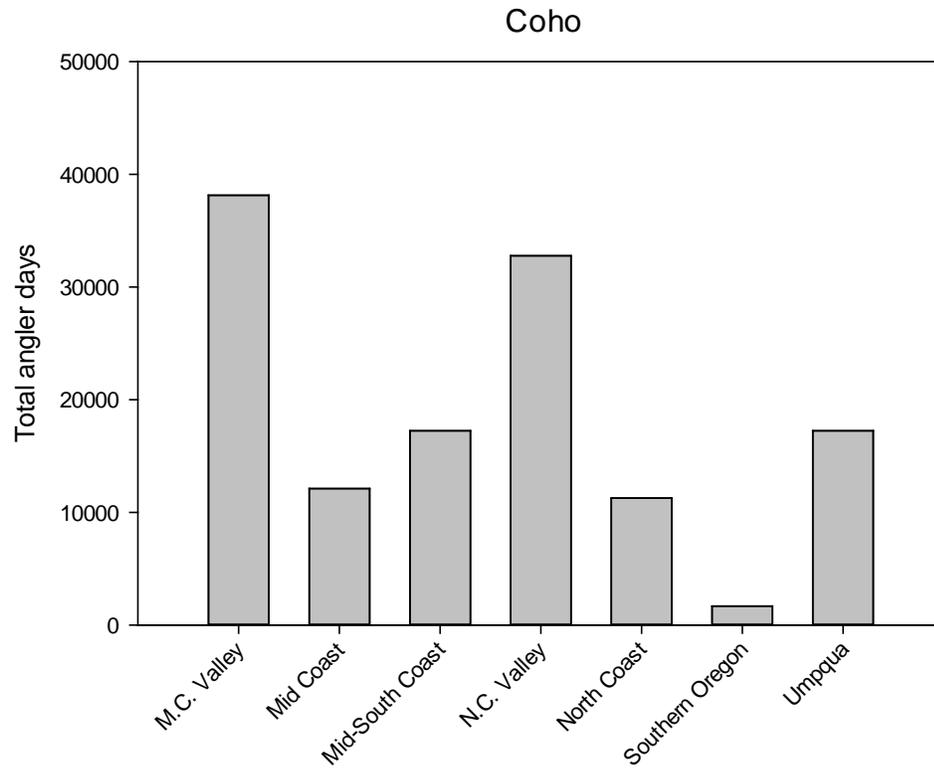


Figure 5 (cont'd). Total angler days by species and region of respondent's residence.

Table 2. Number of anglers that selected a ‘most fished’ and ‘2nd most fished’ species in Question 19.

Species	Number of anglers (most fished)	Percent of anglers	Number of anglers (2nd most fished)	Percent of anglers	Total number of anglers (most and 2nd most)	Percent of anglers
Other	6,874	8.5	6,956	10.3	13,830	9.3
Chum	306	0.4	0	0.0	306	0.2
Coho	4,727	5.9	13,432	19.9	18,159	12.3
Fall Chinook	30,415	37.7	14,457	21.4	44,872	30.3
Spring Chinook	7,277	9.0	5,943	8.8	13,220	8.9
Winter steelhead	18,362	22.7	10,042	14.9	28,405	19.2
Summer steelhead	4,140	5.1	5,414	8.0	9,554	6.4
Cutthroat	4,837	6.0	5,069	7.5	9,907	6.7
No response	3,799	4.7	6,102	9.1	9,900	6.7
Total	80,737	100	67,417	100	148,154	100

Table 3. Second most fished species for anglers who listed fall Chinook as their most fished species.

Species	Number of anglers (2nd most fished species)	Percent of anglers
Other	1,062	4.2
Chum	0	0.0
Coho	11,359	45.0
Fall Chinook	905	3.6
Spring Chinook	2,975	11.8
Winter steelhead	6,068	24.1
Summer steelhead	1,006	4.0
Cutthroat	769	3.0
No response	1,085	4.3
Total	25,229	100

Table 3. Second most fished species for anglers who listed winter steelhead as their most fished species.

Species	Number of anglers (2nd most fished species)	Percent of anglers
Other	596	4.2
Chum	0	0.0
Coho	296	2.1
Fall Chinook	6,761	47.2
Spring Chinook	1,564	10.9
Winter steelhead	143	1.0
Summer steelhead	1,890	13.2
Cutthroat	2,770	19.3
No response	319	2.2
Total	14,339	100

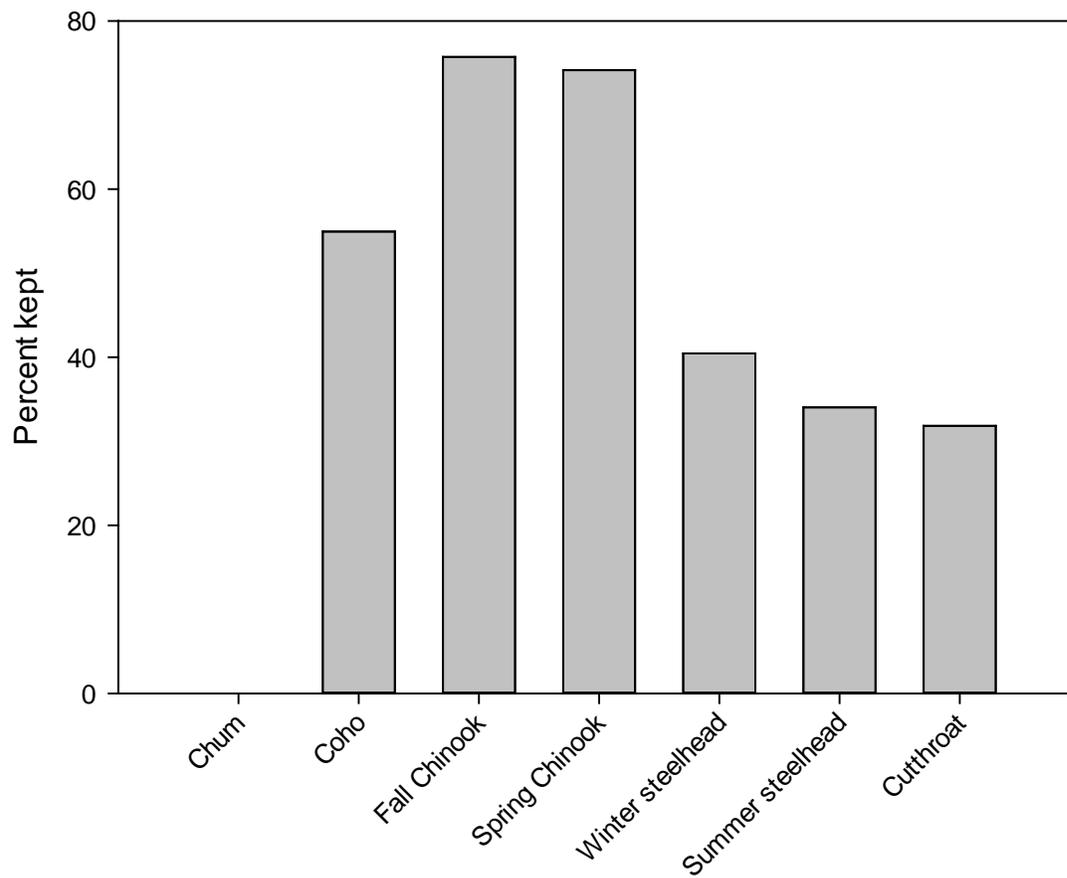


Figure 6. Average unweighted percent of fish caught and kept by species. This analysis was done by linking the percent kept and released for the most and second most fish species listed from questions 19 and 20.

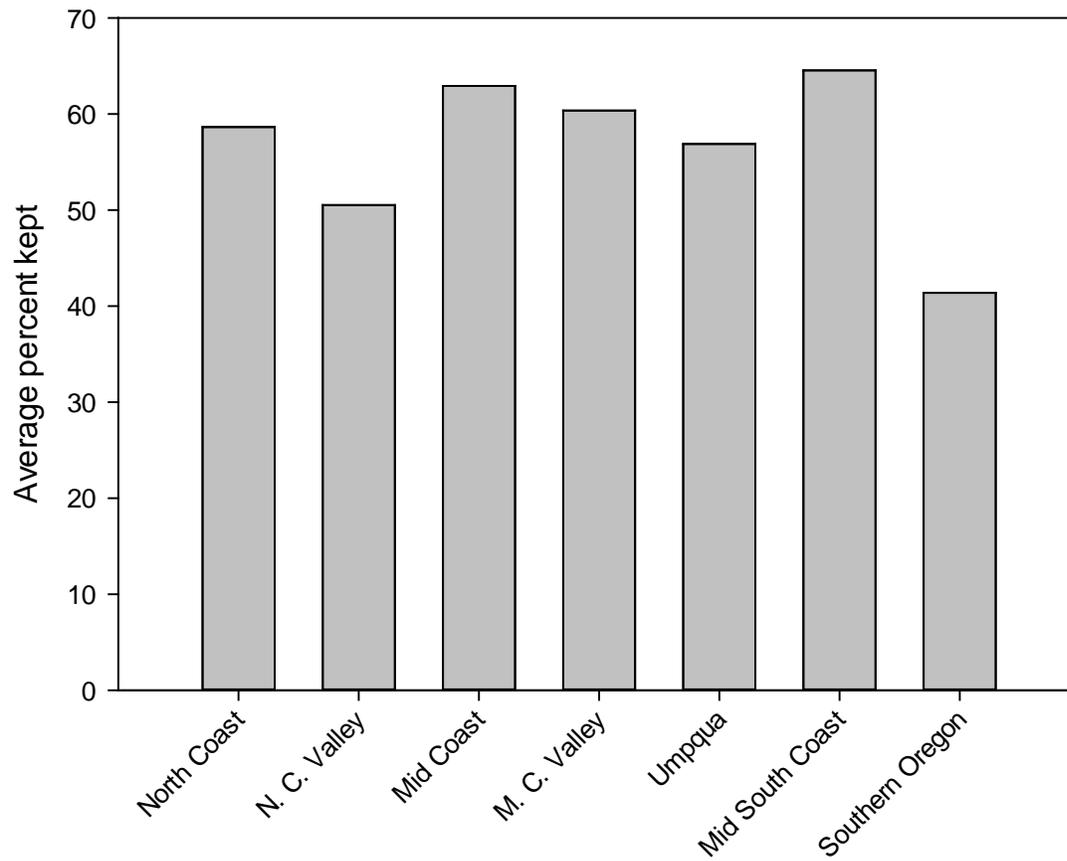


Figure 7. Average percent of fish caught and kept for all species by region of respondent's residence. This analysis was done by linking the percent kept and released for the most and second most fish species listed from questions 19 and 20.

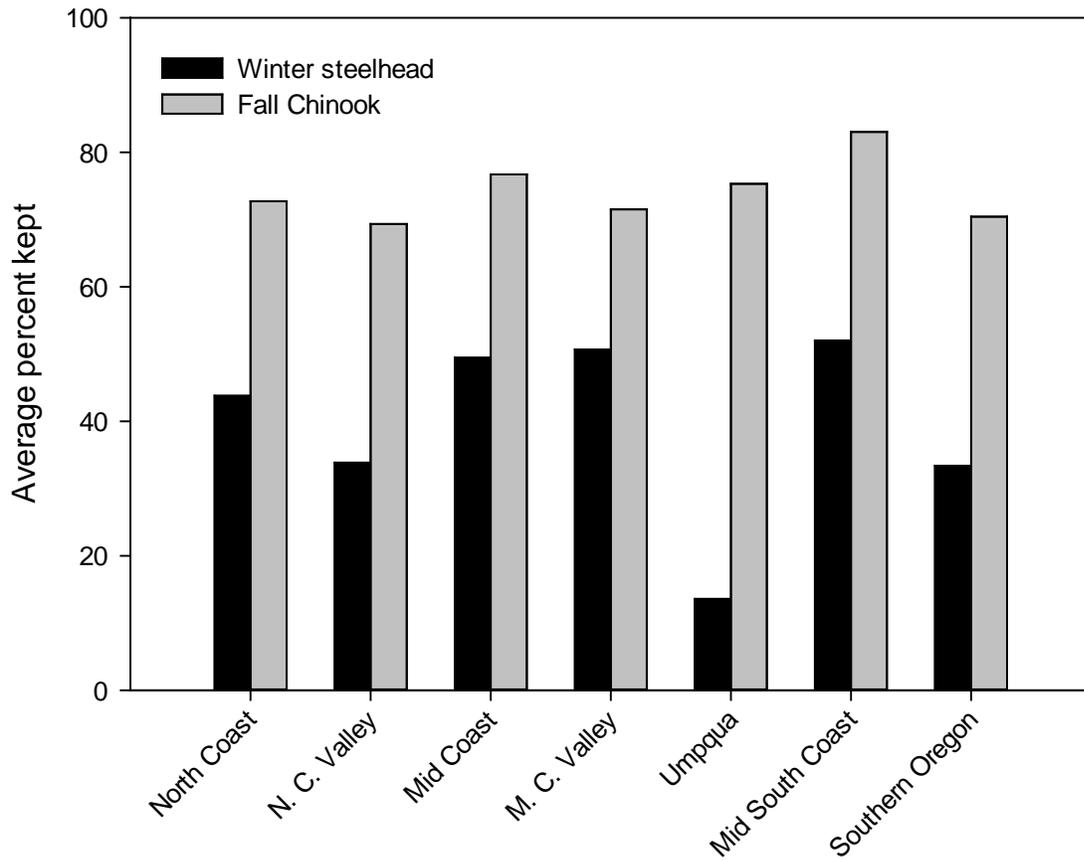


Figure 7. Average percent of winter steelhead and fall Chinook caught and kept by region of respondent's residence. This analysis was done by linking the percent kept and released for the most and second most fish species listed from questions 19 and 20.

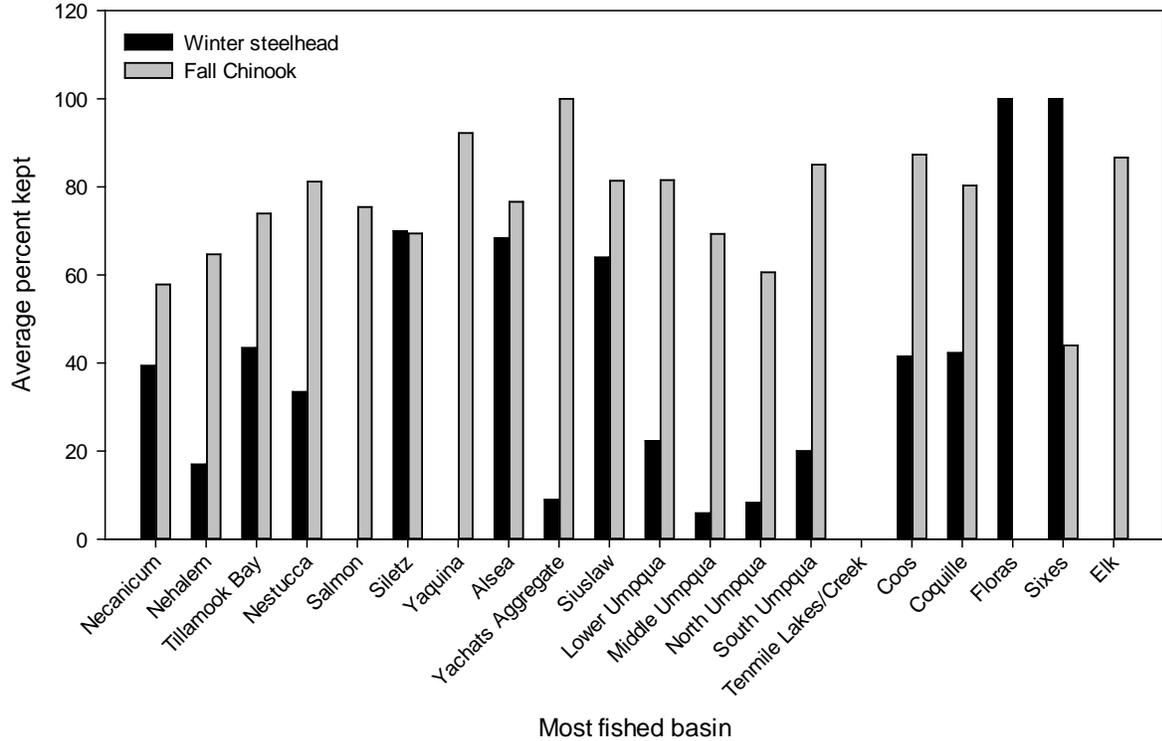


Figure 7. Average unweighted percent of winter steelhead and fall Chinook caught and kept by most fished basin of respondent when winter steelhead or fall Chinook were their most fished species. This analysis was done by linking the percent kept and released for the most fished species listed from questions 19 and 20.

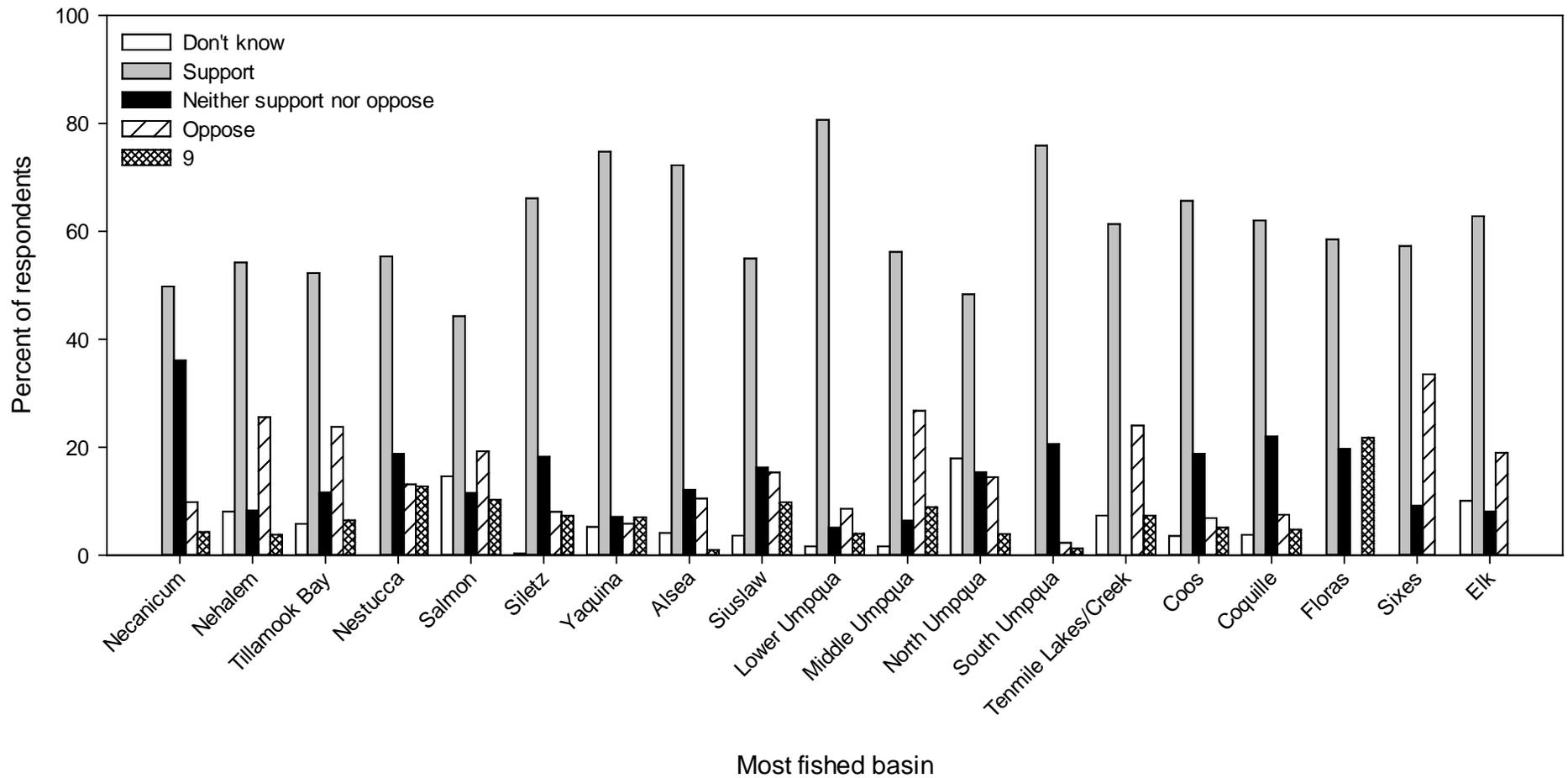


Figure 8. Percent of responses to question 13a (wild winter steelhead harvest should be allowed), by angler's most fished basin.

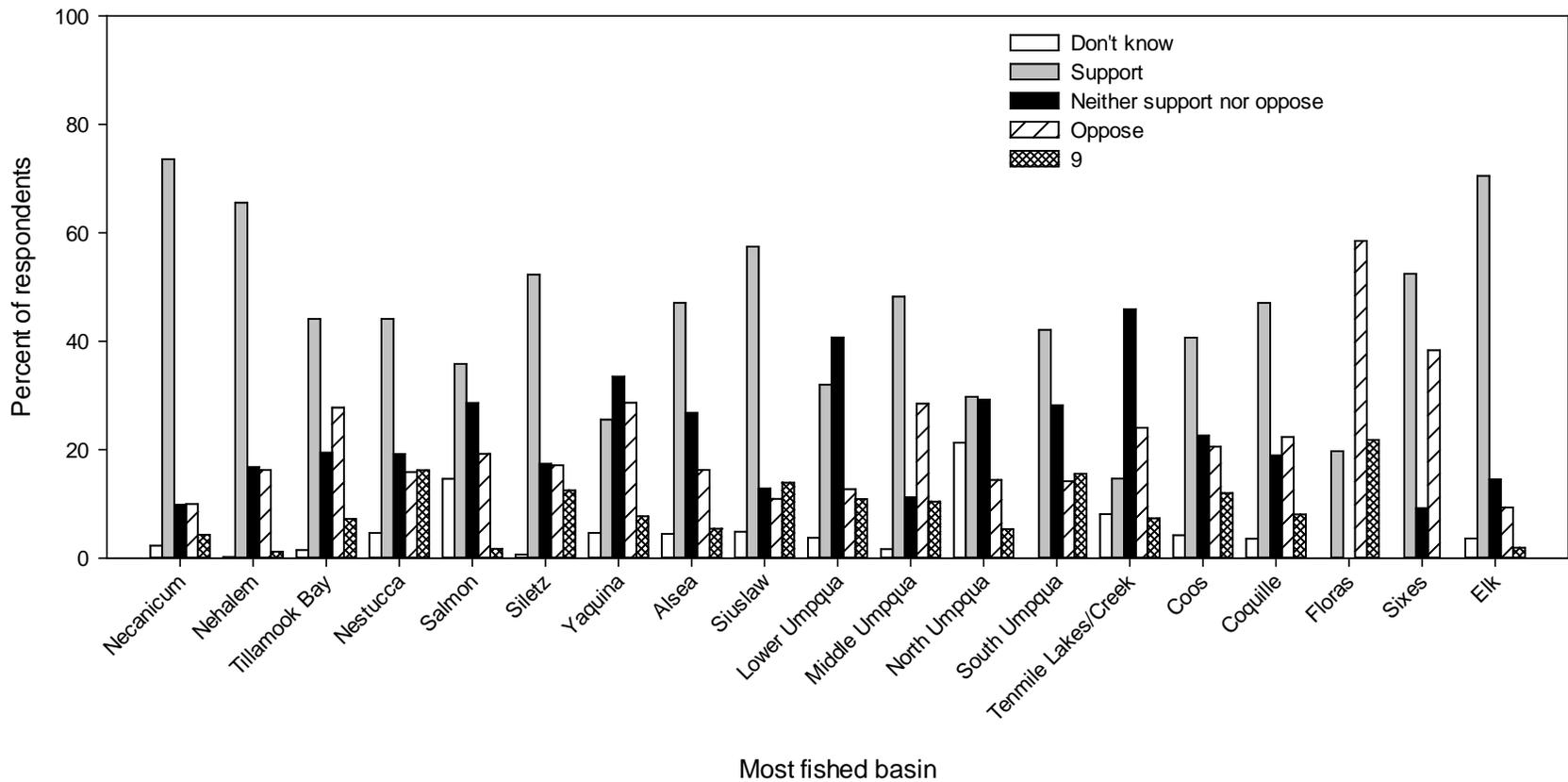


Figure 9. Percent of responses to question 13b (wild winter steelhead harvest should only be allowed when runs are large), by angler's most fished basin.

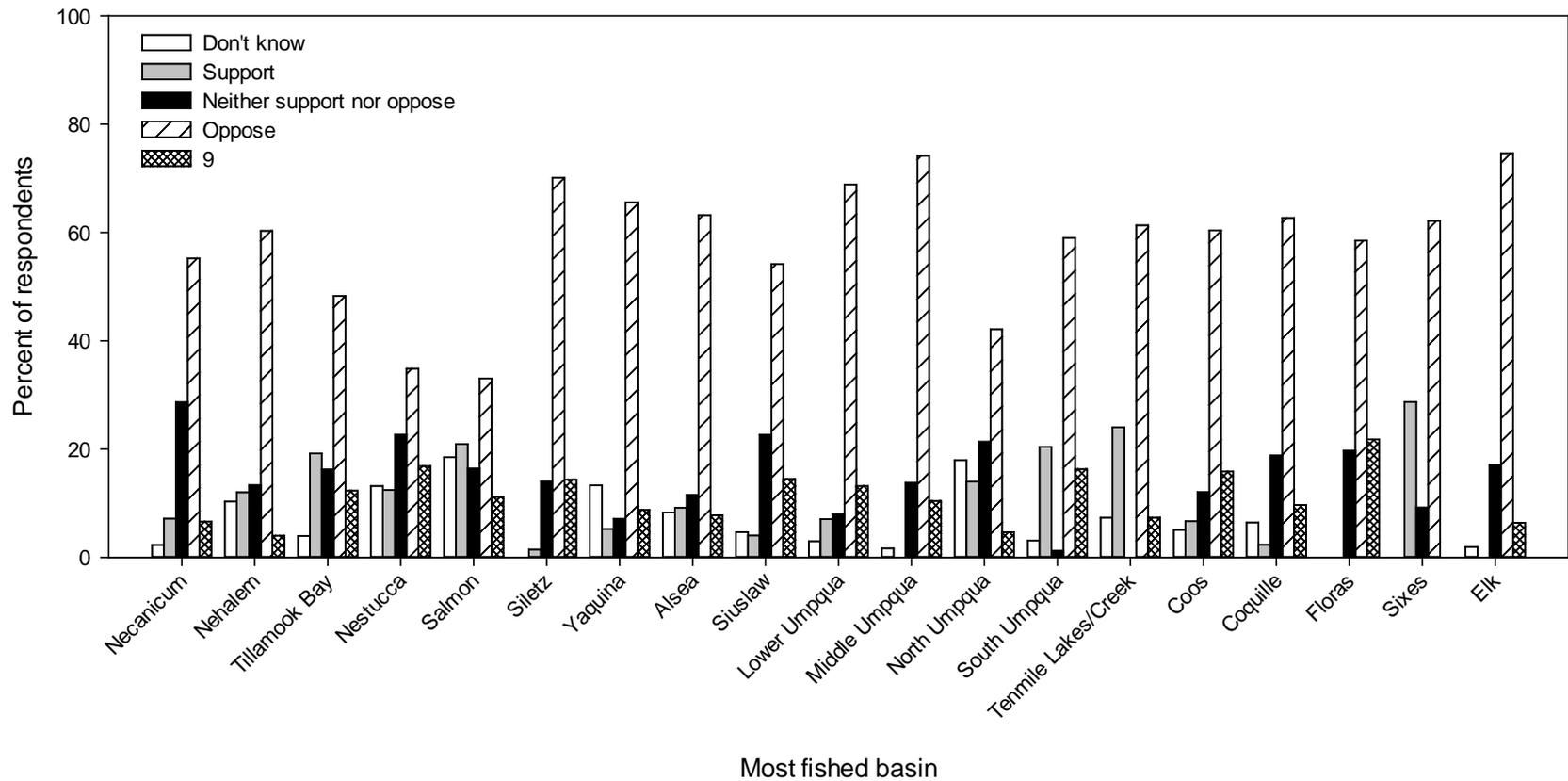


Figure 10. Percent of responses to question 13c (wild winter steelhead harvest should not be allowed), by angler's most fished basin.

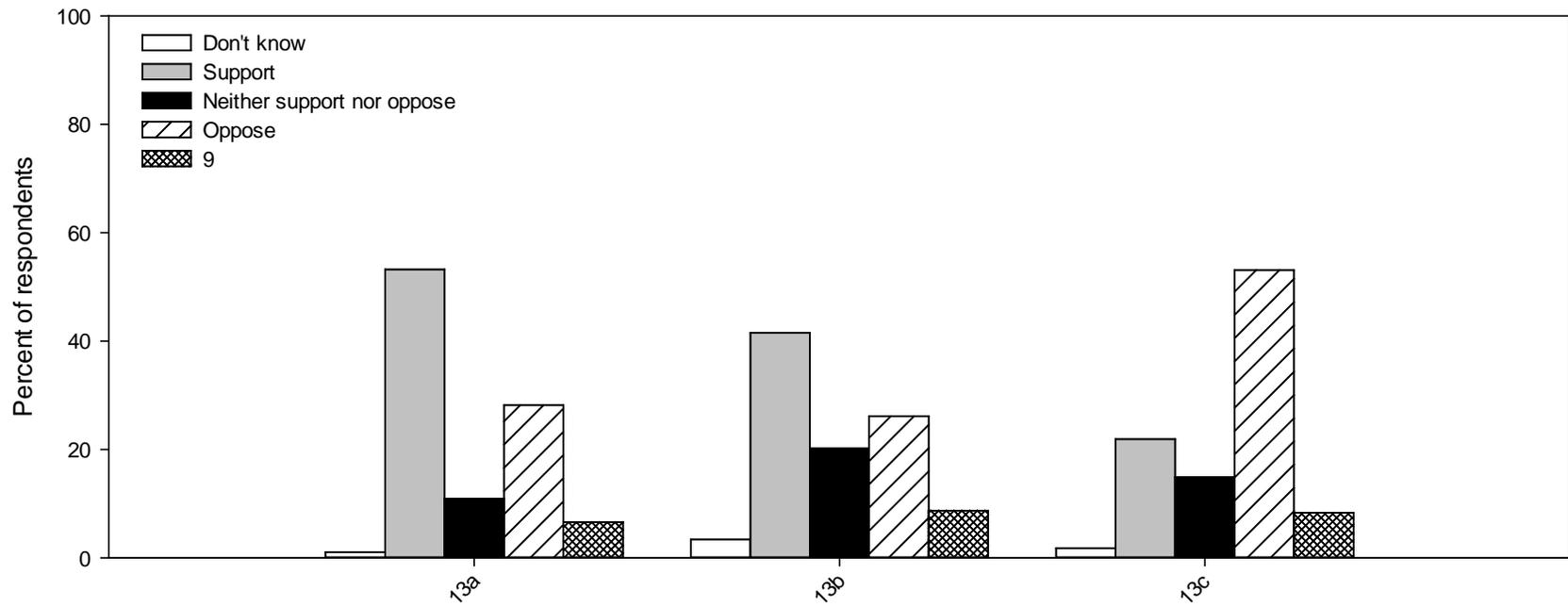


Figure 11. Percent of responses to question 13a through 13c, by anglers who listed winter steelhead as their most fished species in question 19.

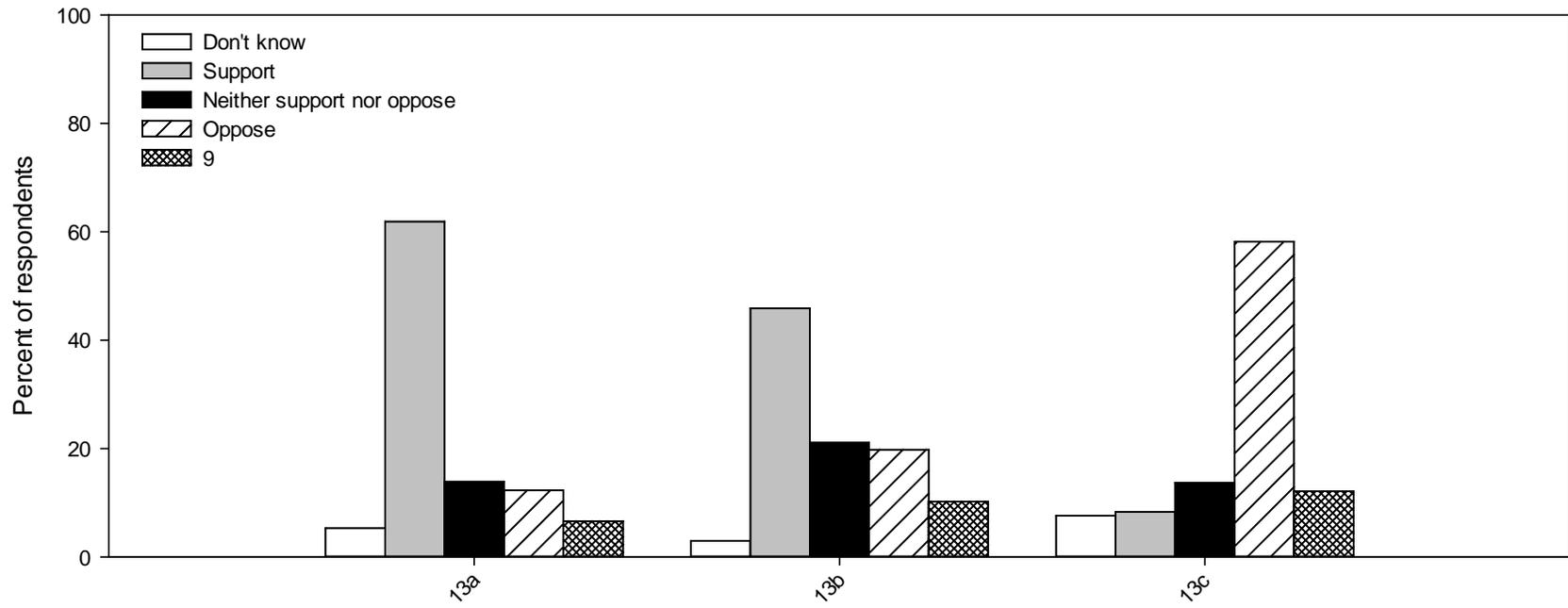


Figure 11. Percent of responses to question 13a through 13c, by anglers who listed fall Chinook as their most fished species in question 19.