

Fishery Data Series No. 19-26

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**Eastside Set Gillnet Chinook Salmon Harvest  
Composition in Upper Cook Inlet, Alaska, 2018, with  
Large Fish Composition Estimates for 2010–2014**

by

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Table 7.—All-fish stock compositions and stock-specific harvest estimates for Chinook salmon harvested in the Kasilof Section of Eastside set gillnet fishery by similar spatiotemporal strata across years, Upper Cook Inlet, Alaska, 2010, 2011, and 2013–2018.

Stratum	Dates	Year	Reporting group							
			Kenai River tributaries		Kenai River mainstem		Kasilof River mainstem		Cook Inlet other	
			Stock composition	Stock-specific harvest	Stock composition	Stock-specific harvest	Stock composition	Stock-specific harvest	Stock composition	Stock-specific harvest
Kasilof Section	27 Jun–7 Jul	2010	0.01	6	0.68	603	0.30	266	0.02	14
“Early” <sup>a</sup>	25 Jun–9 Jul	2011	0.00	1	0.74	1,142	0.26	392	0.00	1
	27 Jun–6 Jul	2013	0.00	1	0.72	290	0.14	57	0.14	56
	23 Jun–7 Jul	2014	0.00	0	0.77	360	0.22	104	0.01	3
	22 Jun–6 Jul	2015	0.00	3	0.55	448	0.20	162	0.25	200
	23 Jun–9 Jul	2016	0.01	8	0.63	714	0.29	332	0.08	87
	24 Jun–8 Jul	2017	0.02	15	0.72	521	0.19	136	0.07	51
	25 Jun–7 Jul	2018	0.11	75	0.67	464	0.12	82	0.10	67
		Average	0.02	14	0.69	568	0.21	191	0.08	60
Kasilof Section	8–31 Jul	2010	0.01	24	0.37	994	0.59	1,576	0.03	69
“Late” <sup>b</sup>	11–31 Jul	2011	0.00	3	0.48	1,477	0.52	1,620	0.00	3
	8–23 Jul	2013	0.00	1	0.73	639	0.26	230	0.00	1
	9–23 Jul	2014	0.00	1	0.50	283	0.49	276	0.00	1
	9–30 Jul	2015	0.00	2	0.58	925	0.42	675	0.00	7
	11–28 Jul	2016	0.00	5	0.47	791	0.52	881	0.00	3
	10–31 Jul	2017	0.02	23	0.63	857	0.34	466	0.01	17
	9–28 Jul	2018	0.00	1	0.60	511	0.40	344	0.00	1
		Average	0.00	7	0.55	810	0.45	759	0.01	13

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Stratum	Dates	Year	Reporting group							
			Kenai River tributaries		Kenai River mainstem		Kasilof River mainstem		Cook Inlet other	
			Stock composition	Stock-specific harvest	Stock composition	Stock-specific harvest	Stock composition	Stock-specific harvest	Stock composition	Stock-specific harvest
Kasilof Section	1–10 Aug	2015	0.00	1	0.44	146	0.56	187	0.00	0
	3–15 Aug	2017	0.00	1	0.37	85	0.62	143	0.00	0
“August”		Average	0.00	1	0.40	116	0.59	165	0.00	0
Kasilof R. Special Harvest area	17 Jul–2 Aug	2013	0.00	0	0.24	84	0.76	273	0.00	0
	16 Jul–2 Aug	2014	0.00	2	0.21	129	0.79	494	0.00	0
	7 Jul–2 Aug	2015	0.02	7	0.32	136	0.66	282	0.00	0
		Average	0.01	3	0.25	116	0.74	350	0.00	0
Kasilof 600 <sup>c</sup>	15–31 Jul	2015	0.01	1	0.38	79	0.60	126	0.01	2

Note: The 90% credibility intervals of stock compositions and stock specific-harvest estimates for prior years can be found in Appendices A1–A4 of this report for 2010–2014, Eskelin and Barclay (2016–2018) for 2015–2017, and Table 3 of this report for 2018.

- <sup>a</sup> “Early” describes the portion of the fishery prior to the Kenai and East Foreland sections opening for the season.
- <sup>b</sup> “Late” describes the portion of the fishery in July after the Kenai and East Foreland sections open for the season.
- <sup>c</sup> Kasilof Section openings restricted to within 600 ft of the mean high tide mark.