

Submitted by the Alaska Department of Fish and Game at the request of Chairman Johnstone.
October 6, 2014

Table.—Current escapement goals, and escapements observed from 2010 through 2014 for king, chum, coho, and sockeye salmon stocks of Upper Cook Inlet. *King salmon systems in bold italics represent current stocks of concern.*

System	Escapement Data ^a	Current Escapement Goal		Escapements ^b				
		Type (BEG, SEG)	Range	2010	2011	2012	2013	2014
King Salmon								
<i>Alexander Creek</i>	SAS	SEG	2,100–6,000	177	343	181	588	911
Campbell Creek	SFS	SEG	380	290	260	NS	NS	181
<i>Chuitna River</i>	SAS	SEG	1,200–2,900	735	719	502	1,690	1,398
Chulitna River	SAS	SEG	1,800–5,100	1,052	1,875	667	1,262	1,011
Clear (Chunilna) Creek	SAS	SEG	950–3,400	903	512	1,177	1,471	1,390
Crooked Creek ^c	Weir	SEG	650–1,700	1,088	654	631	1,102	1,411
Deshka River	Weir	SEG	13,000–28,000	18,594	19,026	14,096	18,448	16,335
<i>Goose Creek</i>	SAS	SEG	250–650	76	80	57	62	232
Kenai River - Early Run	Sonar	SEG	3,800–8,500	6,393	8,448	5,044	2,032	5,311
Kenai River - Late Run	Sonar	SEG	15,000–30,000	16,210	19,680	27,710	15,395	16,061
Lake Creek	SAS	SEG	2,500–7,100	1,617	2,563	2,366	3,655	3,506
<i>Lewis River</i>	SAS	SEG	250–800	56	92	107	61	61
Little Susitna River	SAS	SEG	900–1,800	589	887	1,154	1,651	1,759
Little Willow Creek	SAS	SEG	450–1,800	468	713	494	858	684
Montana Creek	SAS	SEG	1,100–3,100	755	494	416	1,304	953
Peters Creek	SAS	SEG	1,000–2,600	NS	1,103	459	1,643	1,443
Prairie Creek	SAS	SEG	3,100–9,200	3,022	2,038	1,185	3,304	2,812
<i>Sheep Creek</i>	SAS	SEG	600–1,200	NS	350	363	NS	262
Talachulitna River	SAS	SEG	2,200–5,000	1,499	1,368	847	2,285	2,256
<i>Theodore River</i>	SAS	SEG	500–1,700	202	327	179	476	312
<i>Willow Creek</i>	SAS	SEG	1,600–2,800	1,173	1,061	756	1,752	1,335
Chum Salmon								
Clearwater Creek	PAS	SEG	3,800–8,400	13,700	11,630	5,300	9,010	3,510
Coho Salmon								
Fish Creek	Weir	SEG	1,200–4,400	6,977	1,428	1,237	7,593	10,283
Jim Creek ^d	SFS	SEG	450–1400	242	229	213	663	122
Little Susitna River	Weir	SEG	10,100–17,700	9,214	4,826	6,779	13,583	24,211
Pink Salmon								
No stocks with an escapement goal								
Sockeye Salmon								
Chelatna Lake	Weir	SEG	20,000–65,000	37,734	70,353	36,736	70,555	26,287
Fish Creek (Knik)	Weir	SEG	20,000–70,000	126,836	66,678	18,813	18,912	43,915
Judd Lake	Weir	SEG	25,000–55,000	18,466	39,909	18,715	14,088	22,229
Kasilof River	Sonar	BEG	160,000–340,000	294,147	243,767	372,838	487,754	439,977
Kenai River	Sonar	SEG	700,000–1,200,000	1,015,106	1,275,369	1,197,518	958,646	1,524,707
Larson Lake	Weir	SEG	15,000–50,000	20,324	12,225	16,557	21,821	12,430
Packers Creek	Weir	SEG	15,000–30,000	NS	NS	NS	NS	NS
Russian River - Early Run	Weir	BEG	22,000–42,000	27,074	29,129	24,115	35,776	44,920
Russian River - Late Run	Weir	SEG	30,000–110,000	38,848	41,529	54,911	31,573	52,277

Note: Blank cells in the table represent incomplete assessments. BEG = biological escapement goal, SEG = sustainable escapement goal.

^a SAS = single aerial survey, PAS = peak aerial survey, SFS = single foot survey.

^b 2014 data is preliminary. NS = No Survey. Fish required for broodstock, in addition to meeting escapement goal, includes 250 king salmon at Crooked Creek and 10,000 sockeye salmon at the Kasilof River.

^c Incomplete count due to poor aerial survey conditions (Goose Creek king), weir was removed before run completed (Fish Creek coho), or flooding (Little Susitna River coho).

^d Foot survey of McRoberts Creek only, upon which the SEG is based.

^e Sonar estimate at river mile 19 on Kenai River and river mile 8 on Kasilof River; not escapement. Harvest upstream of sonar must be subtracted to estimate escapement. Sport harvest estimated from Statewide Harvest Survey; results for 2014 available spring of 2015 at the earliest.