



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Commercial Fisheries Entry Commission

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To: Glenn Haight
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Date: March 10, 2015

From: Kurt Iverson
Research Project Leader
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Subject: Salmon Purse Seine Vessel Length

Alaska Board of Fisheries Chairman, Tom Kluberton, asked for the number of vessels in the Alaska salmon purse seine fleet that are currently 58 feet in length. The answer is shown in Table 1 below.

In 2013, 793 salmon purse seine vessels recorded landings statewide. 217 (27.4%) were 58 feet or longer.¹ The proportion of 58-foot vessels varies widely among the six salmon purse seine fisheries. The most prevalent 58-foot vessels are found in Southeast Alaska. The lowest proportion is in Cook Inlet, where all of the participating vessels in 2013 were less than 58 feet.

**Table 1. Alaska Salmon Purse Seine Vessels:
Vessels With Landings, 2013**

Management Area	Total Number of Vessels	Number of 58-foot Vessels	Percentage of 58-foot Vessels
Southeast Alaska	274	148	54.0%
Prince William Sound	207	25	12.1%
Cook Inlet	13	0	0%
Kodiak	163	13	8.0%
Chignik	77	9	11.7%
Alaska Peninsula	59	22	37.3%
Statewide Total	793	217	27.4%

Commercial fishing vessels are licensed by the Commercial Fisheries Entry Commission under the authority of AS 16.05.530. Since 1996, the statute has specified that annual fees paid for the licenses shall be based upon the vessel's "overall length", as defined by the United States Coast Guard. The overall length of each vessel is imprinted on annual CFEC vessel licenses.

¹ AS 16.05.835 allows salmon purse seine vessels to be longer than 58 feet if the vessel fished for salmon with purse seine gear before January 1, 1962. In 2013, there was one participating vessel in this category in Southeast Alaska.

The following pages provide more detail on the overall length of salmon purse seine vessels. Table 2 provides a time series distribution of vessel lengths since 1996, beginning with statewide statistics and followed by figures broken out by management area. The table indicates statistics only for the vessels that participated (harvested salmon) in each respective year.

Outlier and data-entry errors were removed from the data. For more information on the methodology and other background information, please refer to CFEC's 2010 report number 10-1N to the Board of Fisheries: *Vessel Length, Horsepower, Fishing Participation, and Diversification among Alaska's Salmon Purse Seine Vessels, 1978 to 2008*.

Table 2. Distribution of Overall Length of Participating Salmon Purse Seine Vessels

Area	Year	Under 30 ft.		30 - 39 ft.		40 - 49 ft.		50 - 57 ft.		58 ft.		Year Totals	
		Vessels	%	Vessels	%	Vessels	%	Vessels	%	Vessels	%	Vessels	%
Statewide	1996	19	2.0	152	16.1	364	38.5	220	23.3	190	20.1	945	100.0
	1997	12	1.3	141	15.0	352	37.6	236	25.2	196	20.9	937	100.0
	1998	24	2.5	150	15.7	338	35.5	233	24.4	208	21.8	953	100.0
	1999	16	1.7	139	15.2	323	35.2	239	26.1	200	21.8	917	100.0
	2000	16	1.7	125	13.6	327	35.6	245	26.7	206	22.4	919	100.0
	2001	19	2.2	103	12.1	300	35.2	231	27.1	200	23.4	853	100.0
	2002	14	2.2	65	10.0	227	35.0	185	28.5	158	24.3	649	100.0
	2003	16	2.7	62	10.4	198	33.3	170	28.6	149	25.0	595	100.0
	2004	7	1.3	50	9.2	185	34.1	164	30.3	136	25.1	542	100.0
	2005	16	2.8	53	9.2	186	32.2	172	29.8	150	26.0	577	100.0
	2006	11	1.9	44	7.6	187	32.3	186	32.1	151	26.1	579	100.0
	2007	10	1.7	43	7.2	195	32.6	191	31.9	159	26.6	598	100.0
	2008	12	2.0	52	8.7	188	31.5	190	31.9	154	25.8	596	100.0
	2009	10	1.5	58	8.6	206	30.6	216	32.0	184	27.3	674	100.0
2010	12	1.7	60	8.7	208	30.1	220	31.8	191	27.6	691	100.0	
2011	13	1.7	70	9.2	235	31.0	241	31.8	199	26.3	758	100.0	
2012	8	1.1	76	10.2	228	30.5	245	32.8	191	25.5	748	100.0	
2013	5	0.6	79	10.0	242	30.5	250	31.5	217	27.4	793	100.0	
Southeast	1996	0	0	2	0.6	118	33.1	101	28.3	136	38.1	357	100.0
	1997	0	0	2	0.6	91	25.7	112	31.6	149	42.1	354	100.0
	1998	0	0	3	0.8	90	23.8	122	32.3	163	43.1	378	100.0
	1999	0	0	3	0.8	81	22.7	116	32.5	157	44.0	357	100.0
	2000	0	0	3	0.8	75	21.1	120	33.7	158	44.4	356	100.0
	2001	0	0	3	0.9	69	20.1	111	32.3	161	46.8	344	100.0
	2002	0	0	1	0.4	52	19.1	89	32.7	130	47.8	272	100.0
	2003	0	0	0	0	37	15.9	78	33.5	118	50.6	233	100.0
	2004	0	0	1	0.5	31	15.3	63	31.0	108	53.2	203	100.0
	2005	0	0	1	0.4	30	13.3	74	32.7	121	53.5	226	100.0
	2006	0	0	0	0	33	14.9	72	32.4	117	52.7	222	100.0
	2007	0	0	1	0.4	33	14.2	74	31.8	125	53.6	233	100.0
	2008	0	0	0	0	27	12.8	69	32.7	115	54.5	211	100.0
	2009	0	0	0	0	33	13.2	84	33.6	133	53.2	250	100.0
2010	0	0	0	0	30	12.9	81	34.8	122	52.4	233	100.0	
2011	0	0	0	0	35	13.2	94	35.5	136	51.3	265	100.0	
2012	0	0	0	0	32	13.7	88	37.8	113	48.5	233	100.0	
2013	0	0	0	0	30	10.9	96	35.0	148	54.0	274	100.0	

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Area	Year	Under 30 ft.		30 - 39 ft.		40 - 49 ft.		50 - 57 ft.		58 ft.		Year Totals	
		Vessels	%	Vessels	%	Vessels	%	Vessels	%	Vessels	%	Vessels	%
Prince	1996	1	1.1	16	18.0	41	46.1	25	28.1	6	6.7	89	100.0
William	1997	1	0.9	24	21.2	53	46.9	33	29.2	2	1.8	113	100.0
Sound	1998	1	0.7	29	19.6	68	45.9	44	29.7	6	4.1	148	100.0
	1999	1	0.7	21	15.4	64	47.1	44	32.4	6	4.4	136	100.0
	2000	1	0.8	17	13.1	68	52.3	39	30.0	5	3.8	130	100.0
	2001	2	1.4	17	11.9	70	49.0	46	32.2	8	5.6	143	100.0
	2002	1	0.8	10	8.4	58	48.7	43	36.1	7	5.9	119	100.0
	2003	1	1.0	9	8.8	45	44.1	41	40.2	6	5.9	102	100.0
	2004	1	1.0	4	3.9	48	47.1	43	42.2	6	5.9	102	100.0
	2005	3	3.1	6	6.1	44	44.9	41	41.8	4	4.1	98	100.0
	2006	1	0.9	5	4.7	47	44.3	48	45.3	5	4.7	106	100.0
	2007	1	0.9	9	7.9	44	38.6	54	47.4	6	5.3	114	100.0
	2008	1	0.8	10	7.6	51	38.9	58	44.3	11	8.4	131	100.0
	2009	0	0	16	10.6	55	36.4	63	41.7	17	11.3	151	100.0
	2010	3	1.8	16	9.4	60	35.1	69	40.4	23	13.5	171	100.0
	2011	2	1.1	18	9.9	68	37.6	73	40.3	20	11.0	181	100.0
	2012	1	0.4	23	10.3	68	30.5	91	40.8	40	17.9	223	100.0
	2013	3	1.4	20	9.7	72	34.8	87	42.0	25	12.1	207	100.0
Cook	1996	15	41.7	13	36.1	7	19.4	1	2.8	0	0	36	100.0
Inlet	1997	8	33.3	12	50.0	4	16.7	0	0	0	0	24	100.0
	1998	18	40.9	19	43.2	7	15.9	0	0	0	0	44	100.0
	1999	14	32.6	20	46.5	7	16.3	2	4.7	0	0	43	100.0
	2000	12	32.4	15	40.5	8	21.6	2	5.4	0	0	37	100.0
	2001	15	48.4	8	25.8	8	25.8	0	0	0	0	31	100.0
	2002	9	37.5	6	25.0	8	33.3	1	4.2	0	0	24	100.0
	2003	12	40.0	10	33.3	8	26.7	0	0	0	0	30	100.0
	2004	5	18.5	12	44.4	7	25.9	3	11.1	0	0	27	100.0
	2005	10	30.3	14	42.4	8	24.2	1	3.0	0	0	33	100.0
	2006	6	25.0	11	45.8	7	29.2	0	0	0	0	24	100.0
	2007	6	33.3	8	44.4	4	22.2	0	0	0	0	18	100.0
	2008	9	39.1	9	39.1	5	21.7	0	0	0	0	23	100.0
	2009	6	50.0	4	33.3	2	16.7	0	0	0	0	12	100.0
	2010	7	43.8	4	25.0	4	25.0	1	6.3	0	0	16	100.0
	2011	8	40.0	6	30.0	4	20.0	2	10.0	0	0	20	100.0
	2012	5	29.4	6	35.3	3	17.6	3	17.6	0	0	17	100.0
	2013	1	7.7	5	38.5	6	46.2	1	7.7	0	0	13	100.0
Kodiak	1996	0	0	89	34.2	113	43.5	49	18.8	9	3.5	260	100.0
	1997	0	0	77	29.3	127	48.3	50	19.0	9	3.4	263	100.0
	1998	3	1.4	66	30.7	102	47.4	37	17.2	7	3.3	215	100.0
	1999	0	0	66	30.6	103	47.7	41	19.0	6	2.8	216	100.0
	2000	2	0.9	64	29.2	104	47.5	42	19.2	7	3.2	219	100.0
	2001	1	0.6	48	27.0	84	47.2	39	21.9	6	3.4	178	100.0
	2002	1	0.7	37	25.2	70	47.6	35	23.8	4	2.7	147	100.0
	2003	2	1.5	31	22.6	65	47.4	34	24.8	5	3.6	137	100.0
	2004	0	0	24	17.8	68	50.4	39	28.9	4	3.0	135	100.0
	2005	1	0.8	20	15.4	66	50.8	39	30.0	4	3.1	130	100.0
	2006	2	1.6	13	10.2	61	47.7	44	34.4	8	6.3	128	100.0
	2007	1	0.7	14	10.4	68	50.7	43	32.1	8	6.0	134	100.0
	2008	1	0.8	18	14.4	57	45.6	43	34.4	6	4.8	125	100.0
	2009	2	1.3	24	15.9	68	45.0	50	33.1	7	4.6	151	100.0
	2010	1	0.7	23	16.0	62	43.1	46	31.9	12	8.3	144	100.0
	2011	2	1.2	27	16.1	74	44.0	52	31.0	13	7.7	168	100.0
	2012	2	1.3	29	18.7	73	47.1	40	25.8	11	7.1	155	100.0
	2013	1	0.6	32	19.6	75	46.0	42	25.8	13	8.0	163	100.0

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		Vessels	%	Vessels	%	Vessels	%	Vessels	%	Vessels	%	Vessels	%
Chignik	1996	0	0	24	23.8	56	55.4	20	19.8	1	1.0	101	100.0
	1997	0	0	22	22.2	55	55.6	21	21.2	1	1.0	99	100.0
	1998	0	0	24	28.2	48	56.5	12	14.1	1	1.2	85	100.0
	1999	0	0	23	25.3	50	54.9	16	17.6	2	2.2	91	100.0
	2000	0	0	22	22.0	52	52.0	23	23.0	3	3.0	100	100.0
	2001	0	0	21	22.8	49	53.3	19	20.7	3	3.3	92	100.0
	2002	0	0	9	21.4	26	61.9	6	14.3	1	2.4	42	100.0
	2003	0	0	10	22.2	30	66.7	4	8.9	1	2.2	45	100.0
	2004	0	0	8	23.5	22	64.7	4	11.8	0	0	34	100.0
	2005	0	0	12	26.7	27	60.0	5	11.1	1	2.2	45	100.0
	2006	0	0	14	25.5	29	52.7	10	18.2	2	3.6	55	100.0
	2007	0	0	11	20.4	33	61.1	8	14.8	2	3.7	54	100.0
	2008	0	0	13	24.5	33	62.3	6	11.3	1	1.9	53	100.0
	2009	0	0	12	22.2	33	61.1	7	13.0	2	3.7	54	100.0
	2010	0	0	15	23.4	37	57.8	9	14.1	3	4.7	64	100.0
2011	0	0	16	23.9	37	55.2	8	11.9	6	9.0	67	100.0	
2012	0	0	16	23.5	39	57.4	9	13.2	4	5.9	68	100.0	
2013	0	0	18	23.4	41	53.2	9	11.7	9	11.7	77	100.0	
Alaska	1996	3	2.9	8	7.8	29	28.4	24	23.5	38	37.3	102	100.0
Peninsula	1997	3	3.6	4	4.8	22	26.2	20	23.8	35	41.7	84	100.0
	1998	2	2.4	9	10.8	23	27.7	18	21.7	31	37.3	83	100.0
	1999	1	1.4	6	8.1	18	24.3	20	27.0	29	39.2	74	100.0
	2000	1	1.3	4	5.2	20	26.0	19	24.7	33	42.9	77	100.0
	2001	1	1.5	6	9.2	20	30.8	16	24.6	22	33.8	65	100.0
	2002	3	6.7	2	4.4	13	28.9	11	24.4	16	35.6	45	100.0
	2003	1	2.1	2	4.2	13	27.1	13	27.1	19	39.6	48	100.0
	2004	1	2.4	1	2.4	9	22.0	12	29.3	18	43.9	41	100.0
	2005	2	4.4	0	0	11	24.4	12	26.7	20	44.4	45	100.0
	2006	2	4.5	1	2.3	10	22.7	12	27.3	19	43.2	44	100.0
	2007	2	4.4	0	0	13	28.9	12	26.7	18	40.0	45	100.0
	2008	1	1.9	2	3.8	15	28.3	14	26.4	21	39.6	53	100.0
	2009	2	3.6	2	3.6	15	26.8	12	21.4	25	44.6	56	100.0
	2010	1	1.6	2	3.2	15	23.8	14	22.2	31	49.2	63	100.0
	2011	1	1.8	3	5.3	17	29.8	12	21.1	24	42.1	57	100.0
2012	0	0	2	3.8	13	25.0	14	26.9	23	44.2	52	100.0	
2013	0	0	4	6.8	18	30.5	15	25.4	22	37.3	59	100.0	