

## Genetic Stock Composition Information for Alitak Sockeye

**Upper Station/Akalura Sockeye Harvest**

	2014	2015	2016
Uganik-Kupreanof	8,203	966	-
Uyak	13,411	-	2,006
Karluk-Sturgeon	13,723	4,045	3,810
Ayakulik-Halibut Bay	20,529	11,691	4,142
<b>W &amp; SW COMBINED HARVEST</b>	<b>55,866</b>	<b>16,702</b>	<b>9,958</b>

Alitak District Seiners Harvest	8,829	12,665	17,264
Estimated Alitak Setnet Harvest	14,224	26,152	28,991
<b>Total Alitak District Harvest</b>	<b>23,053</b>	<b>38,817</b>	<b>46,255</b>

<b>Escapement Total ER+ LR</b>	<b>218,234</b>	<b>187,337</b>	<b>193,060</b>
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<b>TOTAL RUN Escapement + Harvest</b>	<b>297,153</b>	<b>242,874</b>	<b>249,273</b>
<b>W &amp; SW COMBINED HARVEST</b>	<b>18.80%</b>	<b>6.88%</b>	<b>3.99%</b>
<b>Total Alitak District Harvest</b>	<b>7.81%</b>	<b>15.98%</b>	<b>18.55%</b>

Data in this document was used from the Genetic Stock Composition of the Commercial Harvest of Sockeye Salmon in Kodiak Management Area, 2014–2016 and Kodiak Management Area Salmon Escapement and Catch Sampling Results, 2014–2016

Eric Dieters

# Ayakulik/Frazer Sockeye Harvest

	2014	2015	2016
Uganik-Kupreanof	17,431	3,715	1,380
Uyak	29,466	2,258	7,264
Karluk-Sturgeon	45,406	15,081	5,115
Ayakulik-Halibut Bay	236,602	252,727	62,295
<b>W &amp; SW COMBINED HARVEST</b>	<b>328,905</b>	<b>273,781</b>	<b>76,054</b>
<b>70% Ayakulik /30 % Frazer</b>	<b>230,234 / 98,671</b>	<b>191,647 / 82,134</b>	<b>53,238 / 22,816</b>

Alitak District Seiners Harvest	66,942	55,537	24,579
<b>70% Frazer / 30% Ayakulik</b>	<b>46,859 / 20,083</b>	<b>38,875 / 16,662</b>	<b>17,205/ 7,374</b>

Estimated Alitak Setnet Harvest	112,031	89,556	49,636
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Escapement Total Frazer Lake	200,296	219,093	122,585
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<b>TOTAL RUN Escapement + Harvest</b>	<b>457,857</b>	<b>429,658</b>	<b>212,242</b>
<b>W &amp; SW COMBINED HARVEST</b>	21.5% at 30% ratio	19.1% at 30% ratio	10.7% at 30% ratio
<b>Alitak Setnet + Seiner(70%) Harvest</b>	34.7% at 70% ratio	29.8% at 70% ratio	31.4% at 70% ratio

Numbers below show hypothetical mixed percentages of Frazer and Ayakulik sockeye

	2014	2015	2016
<b>W &amp; SW COMBINED HARVEST</b>	<b>328,905</b>	<b>273,781</b>	<b>76,054</b>
50% Frazer/ 50% Ayakulik Sockeye	164,452/164,452	136,890/136,890	38,027/38,027
40% Frazer/ 60% Ayakulik Sockeye	131,562/197,343	109,512/164,269	30,421/45,633
30% Frazer/ 70% Ayakulik Sockeye	98,671/230,234	82,134/191,647	22,816/53,238

Alitak District Seiners Harvest	66,942	55,537	24,579
50% Frazer/ 50% Ayakulik Sockeye	33,471/33,471	27,768/27,768	12,289/12,289
60% Frazer/ 40% Ayakulik Sockeye	40,165/26,777	33,322/22,215	14,747/9,832
70% Frazer/ 30% Ayakulik Sockeye	46,859/20,083	38,875/166,62	17,205/7,374

Data in this document was used from the Genetic Stock Composition of the Commercial Harvest of Sockeye Salmon in Kodiak Management Area, 2014–2016 and Kodiak Management Area Salmon Escapement and Catch Sampling Results, 2014 - 2016

## Ayakulik/Frazer Harvest "Early" (June) 2014

	2014
Uganik-Kupreanof	12,571
Uyak	18,819
Karluk-Sturgeon	19,980
Ayakulik-Halibut Bay	116,247
<b>W &amp; SW COMBINED HARVEST</b>	<b>167,617</b>

Alitak District Seiners Harvest	0
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## Upper Station/Akalura Harvest "Early" (June) 2014

	2014
Uganik-Kupreanof	524
Uyak	1,523
Karluk-Sturgeon	1,622
Ayakulik-Halibut Bay	4,539
<b>W &amp; SW COMBINED HARVEST</b>	<b>8,208</b>

Alitak District Seiners Harvest	0
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Data in this document was used from the Genetic Stock Composition of the Commercial Harvest of Sockeye Salmon in Kodiak Management Area, 2014–2016

## Upper Station/Akalura Harvest

("LATE-LATE"; AUGUST 25-29) 2014

	2014
Uganik-Kupreanof	6,915
Uyak	10,186
Karluk-Sturgeon	7,045
Ayakulik-Halibut Bay	??
<b>W &amp; SW COMBINED HARVEST</b>	<b>24,146</b>

5 day period to catch 24,146 Late Upper Station Sockeye

("Late"; July 26–August 29) 2014

	2014
<b>Alitak District Seiners Harvest</b>	<b>3,449</b>

35 day period to catch 3,449 Late Upper Station Sockeye

Data in this document was used from the Genetic Stock Composition of the Commercial Harvest of Sockeye Salmon in Kodiak Management Area, 2014–2016