

# Meeting Agenda

Date: 7/3/2024

Time: 10:00 AM - 12:00 PM

Place: Bethel

Time Called to Order:

Chair:

## ROLL CALL TO ESTABLISH QUORUM:

Upriver Elder:  
Downriver Elder:  
Commercial Fisher:  
Lower River Subsistence:  
Middle River Subsistence:  
Upper River Subsistence:  
Headwaters Subsistence:

## QUORUM MET? Yes / No

Member at Large:  
Member at Large 2:  
Sport Fisher:  
Western Interior RAC:  
Y-K Delta RAC:  
KRITFC:  
ADF&G:

## INTRODUCTIONS:

## INVOCATION:

**APPROVAL OF AGENDA:** *the agenda may be amended at this time.*

**APPROVAL OF MINUTES:** *Optional. ADF&G does not prepare official meeting minutes.*

## USFWS MANAGEMENT UPDATE:

## ADF&G MANAGEMENT ACTIONS UNDER CONSIDERATION:

**PEOPLE TO BE HEARD:** *Non-Working Group Members*

## CONTINUING BUSINESS:

- Subsistence Reports: Lowest River, ONC Inseason Subsistence Report, KRITFC Inseason Harvest Report, Lower River, Middle River, Upper River, Headwaters
- Overview of Kuskokwim River salmon run assessment:
  - a. Test Fisheries (Bethel and Aniak):
  - b. Sonar/Weirs/Aerial Surveys/Other:
  - c. Subsistence Division Project Update:
- Commercial Catch Report: N/A
- Processor Report: N/A
- Sport Fish Report:
- Intercept Fishery Report: *optional*
- Weather Forecast:
- Discussion of ADF&G Management considerations and discussion of possible alternatives (recommendations from the Working Group):
- Motion for Discussion and Action:

## OLD BUSINESS:

## NEW BUSINESS:

## COMMENTS FROM WORKING GROUP MEMBERS:

**NEXT MEETING DATE:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **Place:** \_\_\_\_\_

**Information Packets *ARE*:**

- **Intended to help inform Working Group discussions.**
- **To be viewed and used in context with Working Group meetings only.**

**Packets *ARE NOT*:**

- **To be viewed as standalone documents.**
- **A final say on fisheries management decisions.**

**Please use this information responsibly:**

Packet information is an incomplete snapshot of an ongoing discussion and changing conditions. Packet information should not be reproduced for any purpose other than to describe Working Group meeting discussions.

**Misuse** of Packet information can contribute to misunderstandings that can **cause harm to salmon users** and potentially **damage salmon resources**.

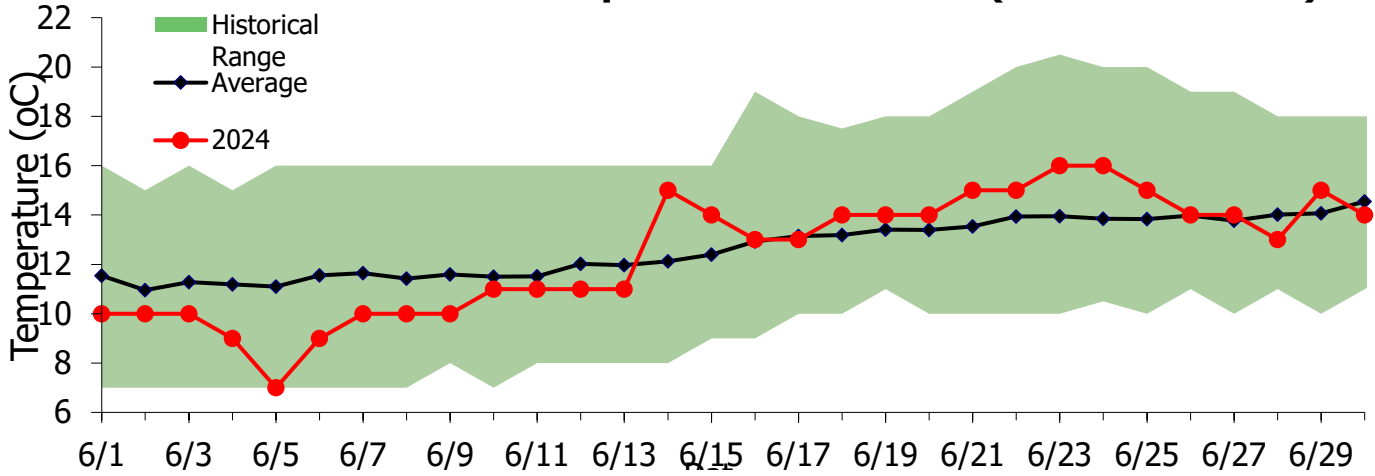
**Ask Questions:** ADF&G staff will be happy to answer biology and management questions. Please call **1-855-933-2433** to reach ADF&G Kuskokwim Area staff.

**Attend Meetings:** Each Working Group meeting is announced at least 48 hours prior to time and date of meeting. In addition, each meeting is recorded. Recordings can be found here:  
**[http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyarea\\_kuskokwim.kswg](http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyarea_kuskokwim.kswg)**

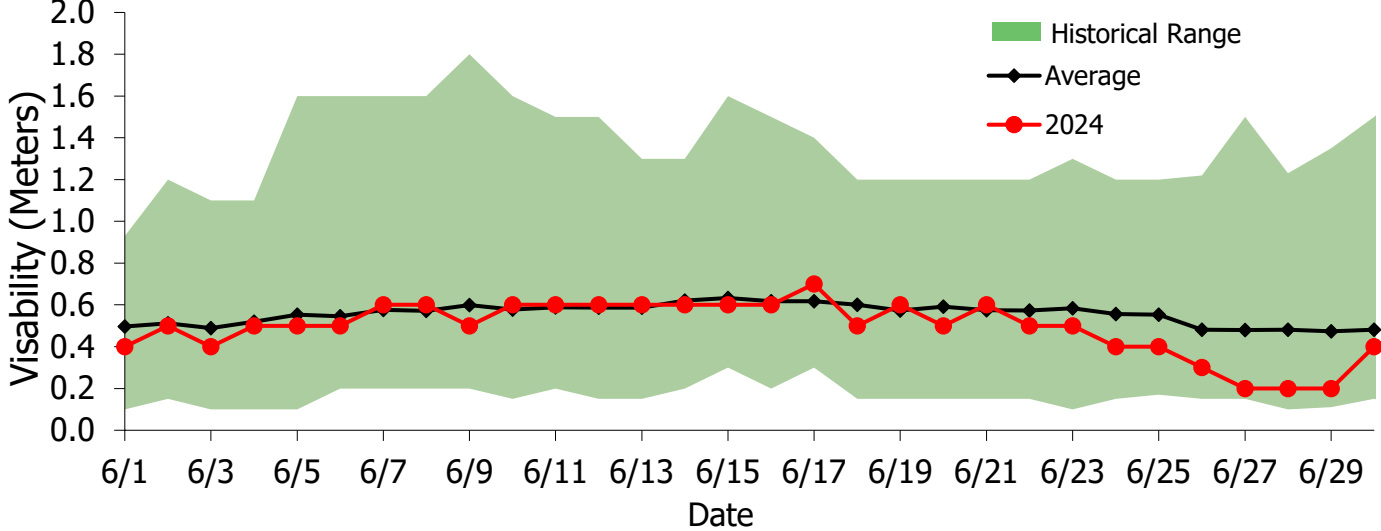
Viewing the information packet while listening to meetings/recordings will provide a better understanding of the information presented in this packet.

**Thank you,  
Savannah Hollingworth  
Working Group Coordinator**

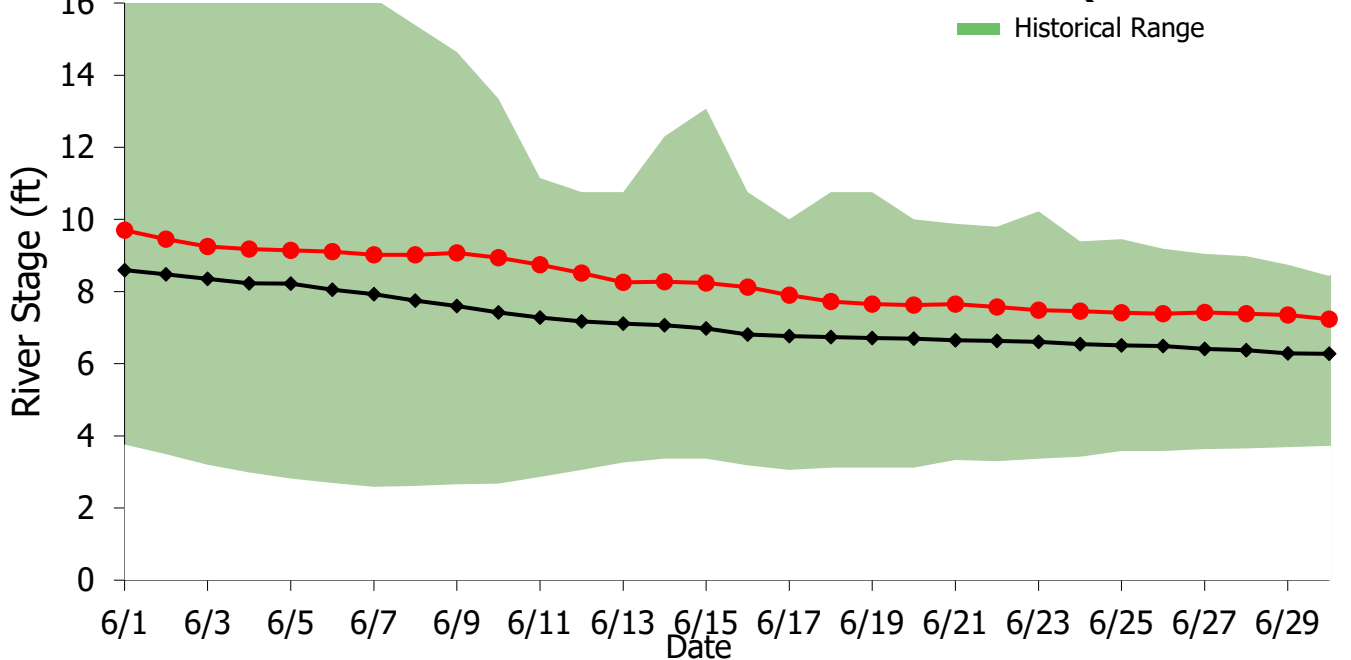
### Historical Water Temperature at BTF Site (1984 to Present)



### Historical Water Clarity at BTF site (1984 to Present)



### Kuskokwim River Water Level at Crooked Creek (1984 to Present)



# Kuskokwim River Salmon Assessment Update

## 7/1/2024

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The data summaries presented in this document are provided by ADF&G. **All data and analyses contained are preliminary and are subject to change, so please make interpretations carefully.**

If you have any questions about the content, please contact Sean Larson (ADF&G; [sean.larson@alaska.gov](mailto:sean.larson@alaska.gov)). Original development of code used to create this document is credited to Benjamin Staton.

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#### Abbreviations:

- BTF: Bethel Test Fishery
- ATF: Aniak Test Fishery
- CPUE: Catch-per-unit-effort
- EOS: End-of-Season
- ADF&G: Alaska Department of Fish and Game
- KRITFC: Kuskokwim River Inter-tribal Fisheries Commission
- OTNC: Orutsaramiut Traditional Native Council
- USFWS: United States Fish and Wildlife Service
- YDNWR: Yukon Delta National Wildlife Refuge

To view escapement information, please visit the ADF&G Kuskokwim River Fish Counts page:

- <http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareakuskokwim.salmon#fishcounts>

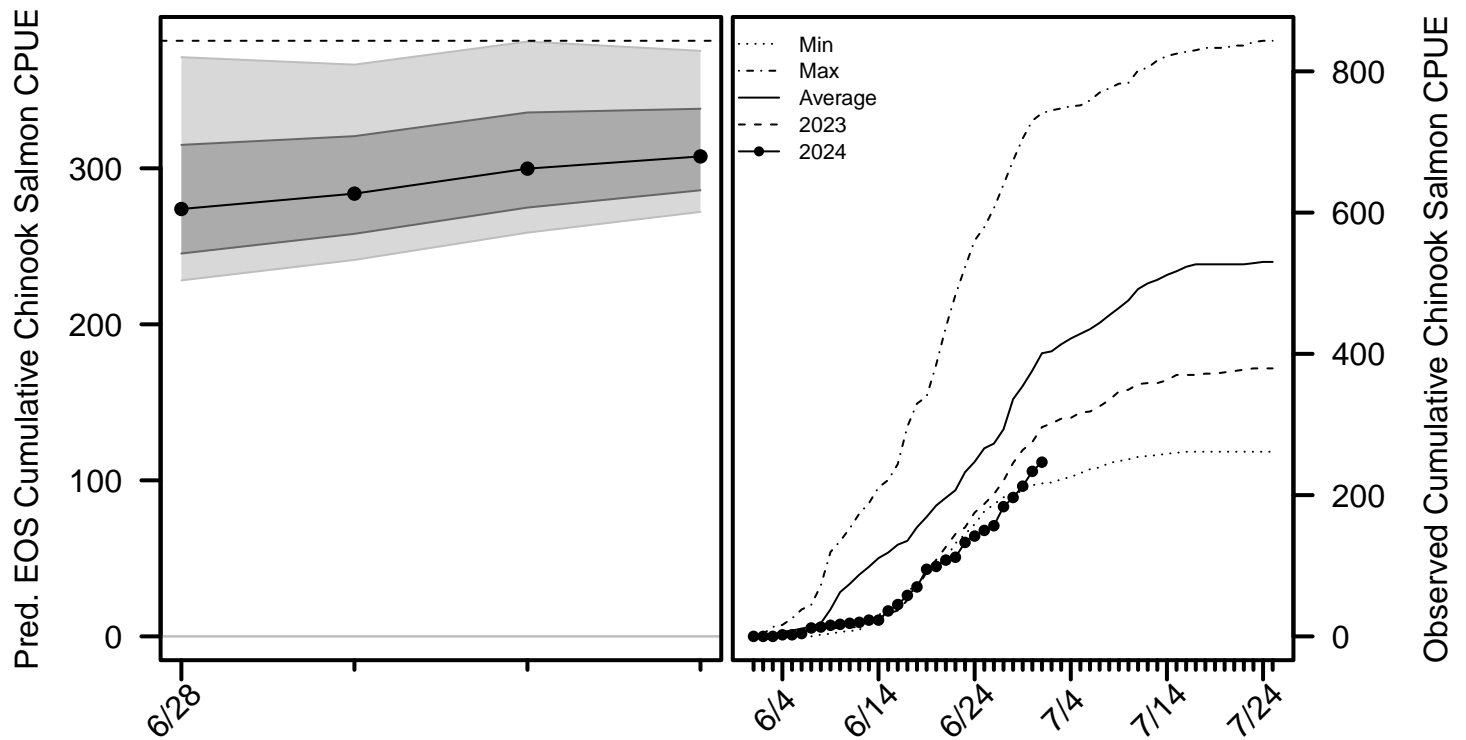
For the most up-to-date information regarding fishing opportunities please visit:

- USFWS: [https://www.fws.gov/refuge/yukon\\_delta/wildlife\\_and\\_habitat/dailyupdate.html](https://www.fws.gov/refuge/yukon_delta/wildlife_and_habitat/dailyupdate.html)
- ADF&G: <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>

# Chinook Salmon BTF Summary (7/1)

- The BTF daily CPUE was **13**.
- The BTF cumulative CPUE is now **247**.
- **7%** years since 2008 fell below this cumulative CPUE on this date.
- **73% - 86%** of the run is likely complete based historical run timing.

**Chinook Salmon Figure 1.** *Left:* predicted cumulative EOS BTF CPUE according to various run timing scenarios: central 80% (light grey band), central 50% (dark grey band), and the historical median (circles). The dashed horizontal line shows the EOS value from 2023. *Right:* The cumulative BTF CPUE from 2024 plotted along with the prior year, a year with an average (2008-2023) cumulative CPUE, and years with the minimum and maximum (2008-2023) cumulative CPUEs.



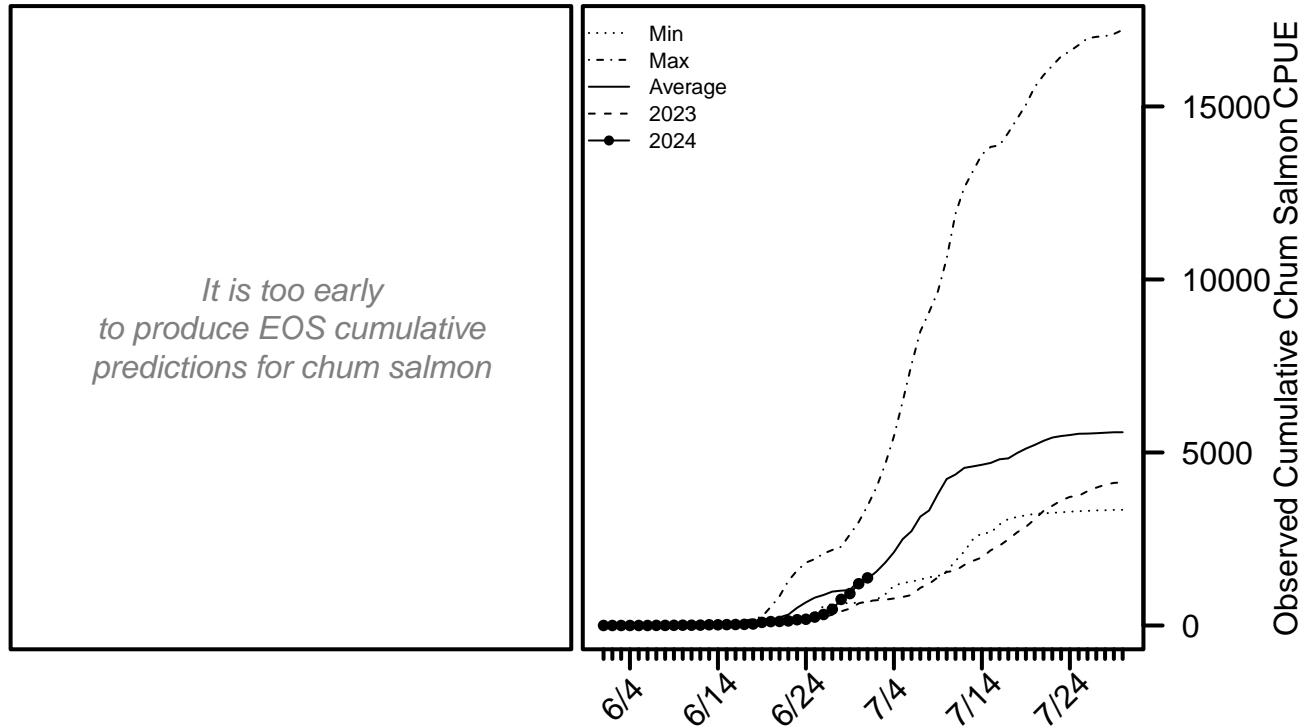
For more detailed information, see the [Chinook salmon appendix](#) at the end of this document.

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## Chum Salmon BTF Summary (7/1)

- The BTF daily CPUE was **170**.
- The BTF cumulative CPUE is now **1,376**.
- **53%** years since 2008 fell below this cumulative CPUE on this date.
- **23% - 44%** of the run is likely complete based historical run timing.

**Chum Salmon Figure 1.** *Left:* will show predicted cumulative EOS BTF CPUE according to various run timing scenarios when enough data have been collected. *Right:* The cumulative BTF CPUE from 2024 plotted along with the prior year, a year with an average (1984-2023) cumulative CPUE, and years with the minimum and maximum cumulative CPUEs.



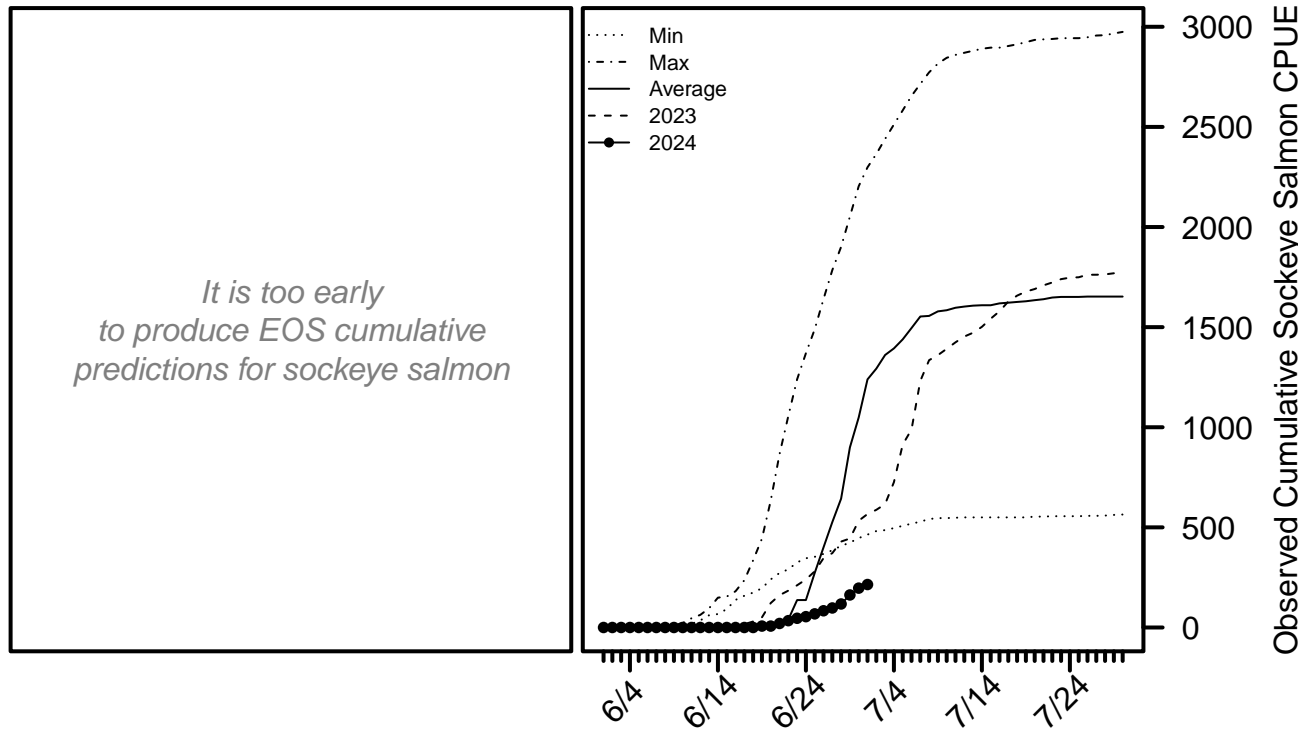
For more detailed information, see the [chum salmon appendix](#) at the end of this document.

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## Sockeye Salmon BTF Summary (7/1)

- The BTF daily CPUE was **18**.
- The BTF cumulative CPUE is now **214**.
- **0%** years since 2008 fell below this cumulative CPUE on this date.
- **44% - 74%** of the run is likely complete based historical run timing.

**Sockeye Salmon Figure 1.** *Left:* will show predicted cumulative EOS BTF CPUE according to various run timing scenarios when enough data have been collected. *Right:* The cumulative BTF CPUE from 2024 plotted along with the prior year, a year with an average (1984-2023) cumulative CPUE, and years with the minimum and maximum cumulative CPUEs.

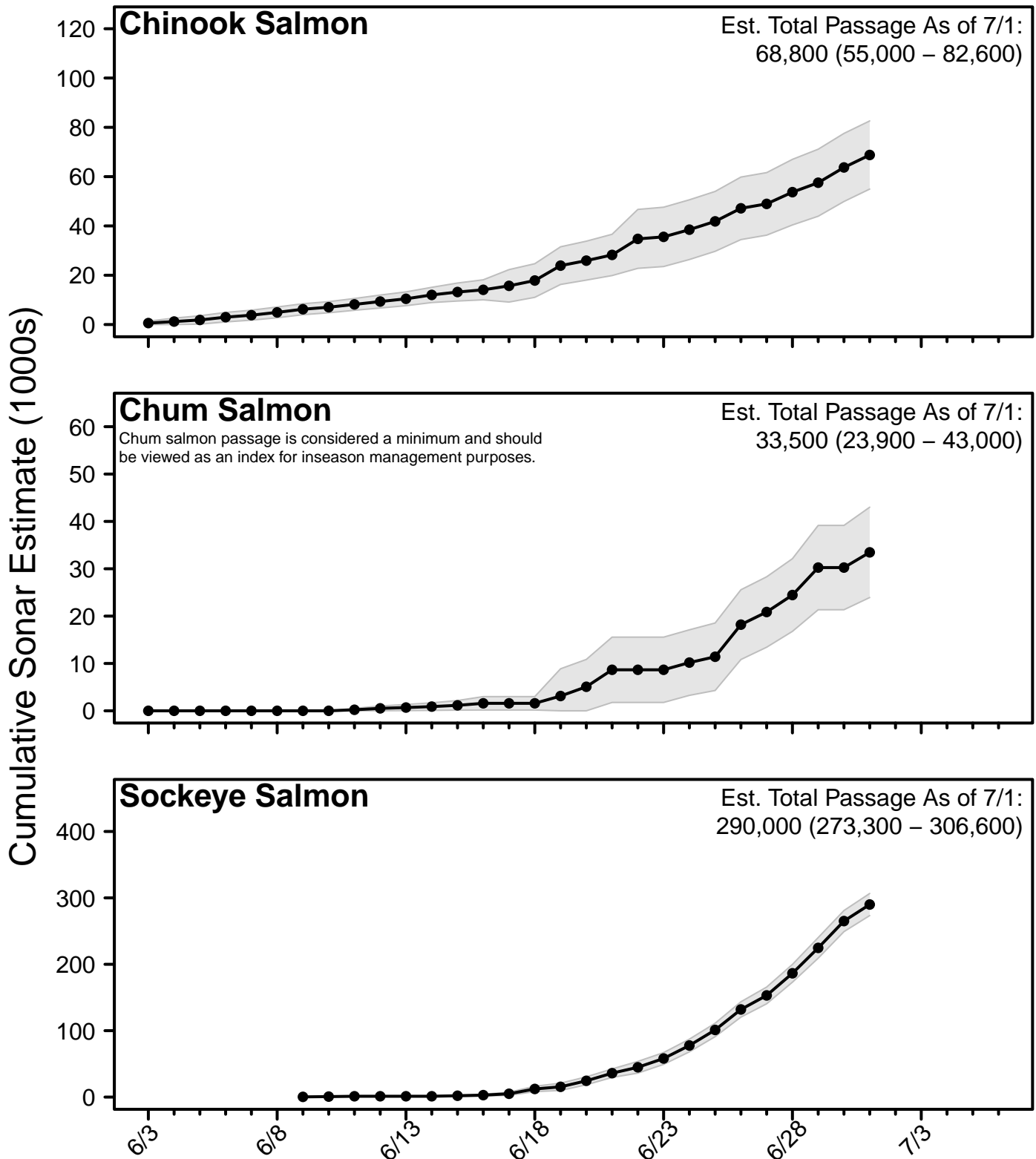


For more detailed information, see the [sockeye salmon appendix](#) at the end of this document.

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# Sonar Passage Estimates

**Sonar Figure 1.** Cumulative estimates of salmon passage from the 2024 sonar operation. Grey bands show the 95% confidence intervals. *Note: Estimates are subject to change.*

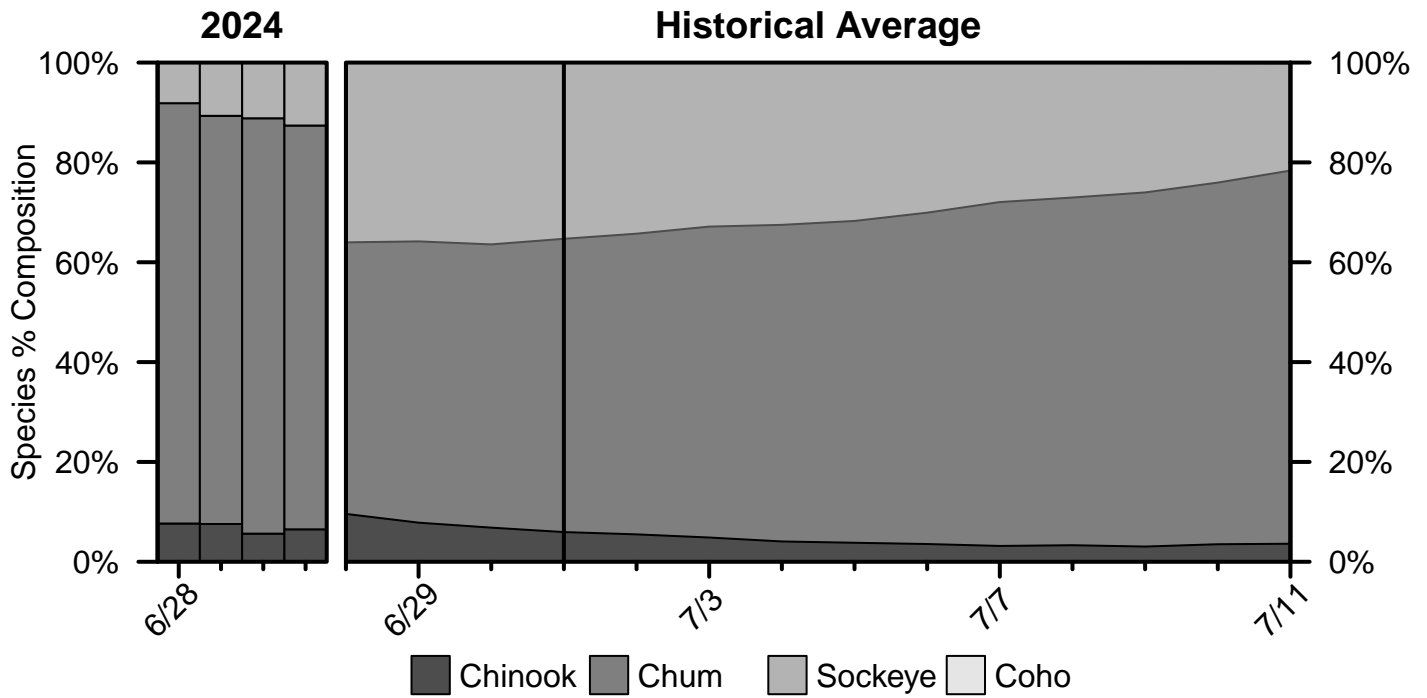


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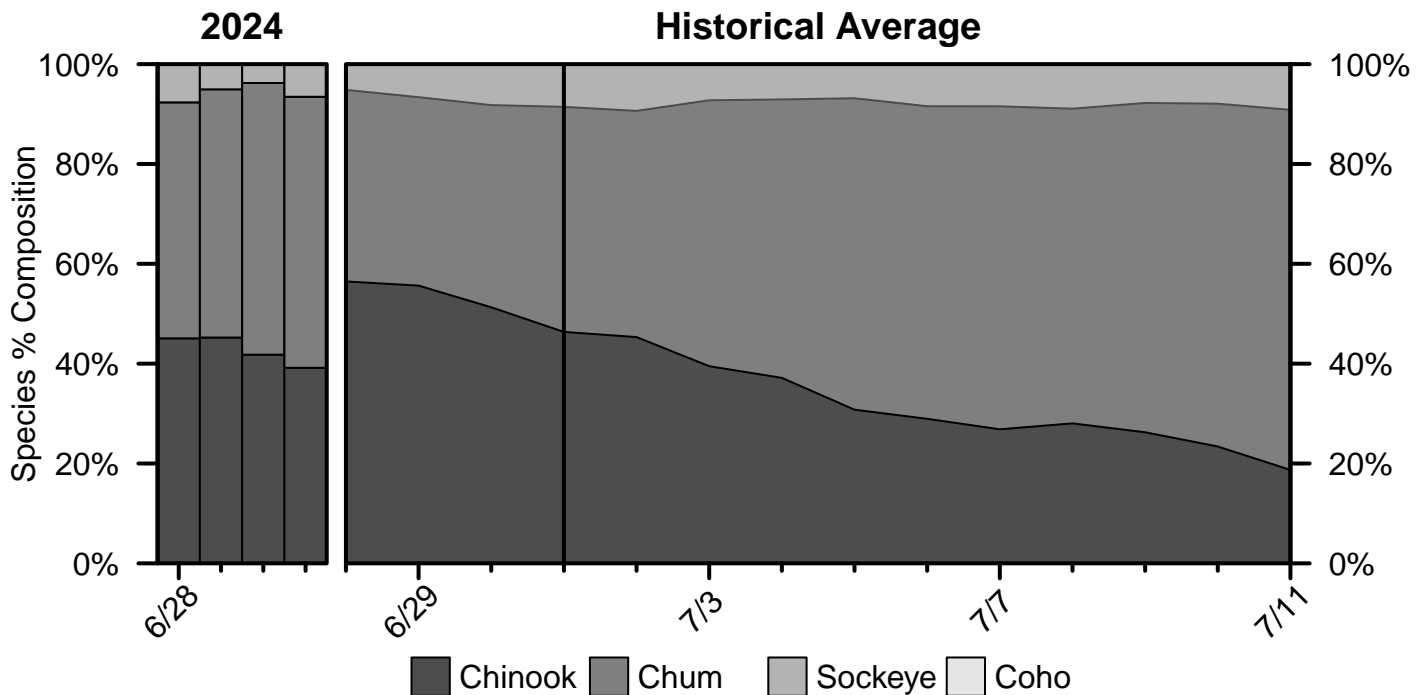


## Percent Composition by Salmon Species

**Percent Composition Figure 1.** Species percent composition in the BTF from 2024 and based on the historical average. The composition presented on each day represents the average composition over the past 2 days.



**Percent Composition Figure 2.** Species percent composition in the ATF from 2024 and based on the historical average. The composition presented on each day represents the average composition over the past 2 days.



# Chinook Salmon Appendix

**Chinook Salmon Table A1.** Cumulative CPUE from the BTF.

Date	2024	2023	2022	2021	2020	5-Yr Avg.	2008 - 2023 Avg.
<b>6/28</b>	197	246	349	336	282	377	382
<b>6/29</b>	213	264	375	355	298	399	402
<b>6/30</b>	234	275	384	376	311	415	418
<b>7/1</b>	<b>247</b>	<b>296</b>	<b>400</b>	<b>401</b>	<b>319</b>	<b>431</b>	<b>431</b>
<b>7/2</b>		302	406	404	330	437	439
<b>7/3</b>		308	411	414	349	446	451
<b>7/4</b>		309	424	422	362	453	461
<b>EOS</b>		382	504	532	487	551	550

**Chinook Salmon Table A2.** Cumulative CPUE from the ATF.

Date	2024	2023	2022	2021	2020	2019	2018
<b>6/28</b>	651	263	631	922	653	1,359	330
<b>6/29</b>	817	297	690	922	765	1,367	388
<b>6/30</b>	931	329	792	964	839	1,445	429
<b>7/1</b>	<b>1,140</b>	<b>381</b>	<b>798</b>	<b>1,000</b>	<b>924</b>	<b>1,510</b>	<b>445</b>
<b>7/2</b>		423	926	1,084	1,000	1,553	491
<b>7/3</b>		435	1,027	1,121	1,142	1,586	522
<b>7/4</b>		497	1,027	1,256	1,223	1,628	530
<b>EOS</b>		748	1,277	1,891	1,874	1,691	820

**Chinook Salmon Table A3.** Cumulative passage at the Kuskokwim River sonar. *Note: Estimates are subject to change.*

Date	2024	2023	2022	2021	2020	2019	2018
<b>6/28</b>	53,698	41,017	93,979	49,593	42,684	123,301	85,072
<b>6/29</b>	57,530	44,547	102,623	53,812	49,310	131,145	91,920
<b>6/30</b>	63,722	47,644	103,508	56,179	56,967	131,145	97,368
<b>7/1</b>	<b>68,780</b>	<b>50,395</b>	<b>106,903</b>	<b>61,402</b>	<b>61,400</b>	<b>135,464</b>	<b>104,050</b>
<b>7/2</b>		50,628	109,120	64,503	66,418	137,452	107,809
<b>7/3</b>		52,469	113,935	68,195	69,456	141,957	110,932
<b>7/4</b>		53,415	115,169	69,965	71,162	145,581	114,555
<b>EOS</b>		79,166	145,896	102,549	106,764	161,888	132,971

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# Chum Salmon Appendix

**Chum Salmon Table A1.** Cumulative CPUE from the BTF.

Date	2024	2023	2022	2021	2020	5-Yr Avg.	2008 - 2023 Avg.
<b>6/28</b>	754	408	185	43	150	274	921
<b>6/29</b>	922	488	229	62	197	359	1,093
<b>6/30</b>	1,206	638	274	71	268	468	1,321
<b>7/1</b>	<b>1,376</b>	<b>707</b>	<b>330</b>	<b>73</b>	<b>307</b>	<b>539</b>	<b>1,497</b>
<b>7/2</b>		730	377	73	379	586	1,669
<b>7/3</b>		745	451	80	443	635	1,853
<b>7/4</b>		780	518	87	495	683	2,021
<b>EOS</b>		4,303	2,193	327	1,442	2,938	5,509

**Chum Salmon Table A2.** Cumulative CPUE from the ATF.

Date	2024	2023	2022	2021	2020	2019	2018
<b>6/28</b>	449	76	30	19	218	311	1,276
<b>6/29</b>	647	95	35	19	326	311	1,560
<b>6/30</b>	820	95	47	26	425	407	1,772
<b>7/1</b>	<b>1,126</b>	<b>161</b>	<b>53</b>	<b>26</b>	<b>481</b>	<b>550</b>	<b>2,092</b>
<b>7/2</b>		174	89	26	574	593	2,656
<b>7/3</b>		193	283	34	628	634	3,129
<b>7/4</b>		265	304	52	808	778	3,445
<b>EOS</b>		996	952	267	2,611	1,051	10,277

**Chum Salmon Table A3.** Cumulative passage at the Kuskokwim River sonar. *Note: Chum salmon passage is considered a minimum and should be viewed as an index for inseason management purposes. Estimates are subject to change.*

Date	2024	2023	2022	2021	2020	2019	2018
<b>6/28</b>	24,448	10,754	4,497	3,408	6,748	27,359	29,726
<b>6/29</b>	30,249	17,538	7,698	3,408	8,383	33,830	34,240
<b>6/30</b>	30,249	23,639	9,151	3,674	9,938	47,880	44,886
<b>7/1</b>	<b>33,463</b>	<b>26,627</b>	<b>10,397</b>	<b>4,330</b>	<b>11,481</b>	<b>56,470</b>	<b>68,037</b>
<b>7/2</b>		32,297	12,375	5,149	13,314	66,431	81,792
<b>7/3</b>		37,005	16,278	5,149	13,790	87,366	94,602
<b>7/4</b>		40,251	17,121	5,660	16,784	99,407	110,428
<b>EOS</b>		251,542	103,864	26,973	76,432	385,409	552,011

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# Sockeye Salmon Appendix

**Sockeye Salmon Table A1.** Cumulative CPUE from the BTF.

Date	2024	2023	2022	2021	2020	5-Yr Avg.	2008 - 2023 Avg.
<b>6/28</b>	117	429	468	332	172	375	443
<b>6/29</b>	162	444	609	421	190	448	512
<b>6/30</b>	196	533	688	478	192	517	602
<b>7/1</b>	<b>214</b>	<b>567</b>	<b>744</b>	<b>516</b>	<b>235</b>	<b>563</b>	<b>682</b>
<b>7/2</b>		588	783	555	376	623	745
<b>7/3</b>		616	877	594	415	675	825
<b>7/4</b>		726	1,012	654	526	787	917
<b>EOS</b>		1,788	1,372	1,694	1,060	1,720	1,749

**Sockeye Salmon Table A2.** Cumulative CPUE from the ATF.

Date	2024	2023	2022	2021	2020	2019	2018
<b>6/28</b>	59	32	31	51	12	22	8
<b>6/29</b>	80	45	47	51	24	22	17
<b>6/30</b>	89	70	66	51	30	22	34
<b>7/1</b>	<b>140</b>	<b>92</b>	<b>72</b>	<b>58</b>	<b>48</b>	<b>22</b>	<b>42</b>
<b>7/2</b>		99	96	84	72	22	52
<b>7/3</b>		99	96	84	78	22	60
<b>7/4</b>		144	96	102	83	22	60
<b>EOS</b>		369	129	241	209	33	75

**Sockeye Salmon Table A3.** Cumulative passage at the Kuskokwim River sonar. *Note: Estimates are subject to change.*

Date	2024	2023	2022	2021	2020	2019	2018
<b>6/28</b>	186,406	134,822	225,767	122,958	102,402	204,168	30,956
<b>6/29</b>	224,690	162,888	247,742	146,519	122,160	293,870	52,279
<b>6/30</b>	265,051	210,526	271,481	182,934	145,572	340,794	84,552
<b>7/1</b>	<b>289,985</b>	<b>265,515</b>	<b>292,263</b>	<b>215,605</b>	<b>166,235</b>	<b>373,353</b>	<b>101,623</b>
<b>7/2</b>		295,995	321,103	238,426	186,222	392,025	125,894
<b>7/3</b>		316,086	338,821	303,392	205,980	424,851	148,356
<b>7/4</b>		343,774	366,843	359,874	236,750	478,744	184,332
<b>EOS</b>		899,180	613,874	869,268	574,928	924,354	635,493

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# 2024 South Peninsula Commercial Harvest

Harvest updated through June 30

Species	Cumulative Harvest
Chinook	1,205
Sockeye	1,091,260
Coho	161
Pink	275,142
Chum	417,316

## 2023 Stock Composition Summary

- Due to concerns from stakeholders, a study was designed to estimate genetic stock ID, age, and length compositions in South Alaska Peninsula fisheries in 2022–2026.
  - Nearly all the chum harvest occurs in the South Peninsula Area (Figure 1).
- Stock composition of the harvest: **41.5% South Peninsula, 22.9% Chignik/Kodiak, 16.6% Asia, 7.3% CWAK, 11.7% Other.**
- The Coastal Western Alaska (CWAK) group includes Bristol Bay, Kuskokwim, Yukon, and Norton Sound stocks.

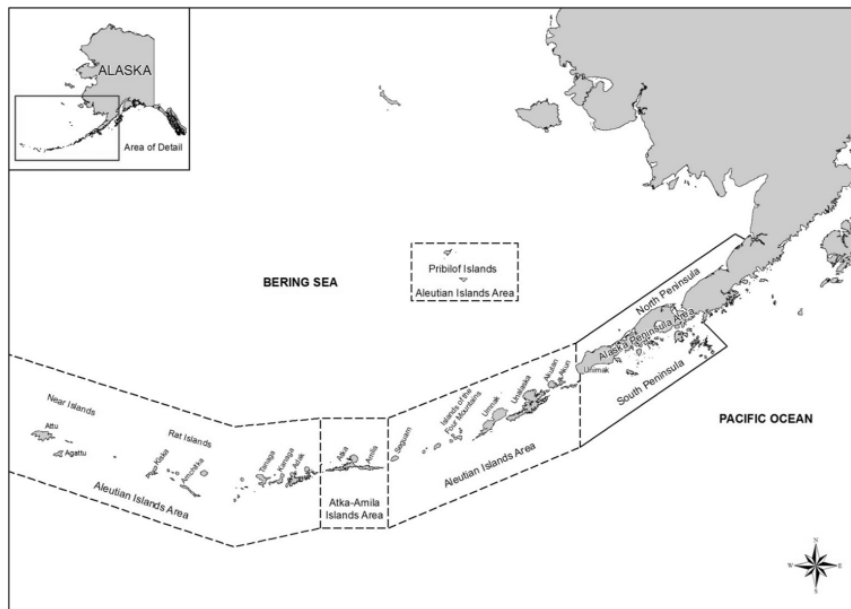


Figure 1. Map of the Aleutian Islands, Atka-Amlia Islands, and Alaska Peninsula Management Areas, also known as Area M.

### Helpful Link

Harvest numbers and information on the stock composition study are available at: [Alaska Peninsula Management Area Salmon, Alaska Department of Fish and Game.](#)

**Area M Salmon Harvest Summary**  
**COMMERCIAL SALMON HARVEST SUMMARY**  
**(INSEASON HARVEST ESTIMATES)**

Species	Daily Harvest	Total Through July 1, 2024
<b>Chinook</b>	30	1,653
<b>Sockeye</b>	36,553	1,336,153
<b>Coho</b>	0	161
<b>Pink</b>	0	275,157
<b>Chum</b>	56	418,247
<b>TOTAL</b>	36,639	2,031,371

**Narrative:**

Catch estimates are based on inseason processor reports, and will be updated as additional information and fish tickets become available.

**Estimated Salmon Catch to Date, by Geographic Area**  
**July 1, 2024**

South Peninsula	Chinook	Sockeye	Coho	Pink	Chum
Post June Cold Bay	0	0	0	0	0
Post June Thin Point Section	0	0	0	0	0
Post June Morzhovoi Bay to South Unimak	0	0	0	0	0
Post June Shumagin Islands	0	0	0	0	0
Southeastern District Mainland	0	0	0	0	0
Northwest Stepovak Section (7/1–7/25)	0	0	0	0	0
Dolgoi Island Area <sup>1</sup>	2	2,069	0	21	119
Dolgoi Island Area <sup>2</sup>	0	0	0	0	0
June Shumagin Islands	485	340,040	85	44,833	138,049
June South Unimak	718	749,151	76	230,288	279,148
June South Unimak & Shumagin Islands	1,203	1,089,190	161	275,121	417,197
<b>Total South Peninsula</b>	<b>1,205</b>	<b>1,091,259</b>	<b>161</b>	<b>275,142</b>	<b>417,316</b>
<b>North Peninsula</b>					
Northwestern District	0	0	0	0	0
Black Hills	0	0	0	0	0
Nelson Lagoon	125	59,158	0	0	0
Moller and Herendeen Bays	0	0	0	0	0
Port Moller to Outer Port Heiden	323	185,736	0	15	931
Inner Port Heiden	0	0	0	0	0
Cinder River	0	0	0	0	0
<b>Total North Peninsula</b>	<b>448</b>	<b>244,894</b>	<b>0</b>	<b>15</b>	<b>931</b>
<b>Total Aleutian Islands</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL AREA M</b>	<b>1,653</b>	<b>1,336,153</b>	<b>161</b>	<b>275,157</b>	<b>418,247</b>

All harvest information provided in this report is preliminary and subject to change. The most recent daily harvest report supercedes any previous harvest reports.

\* Some or all harvest is confidential

<sup>1</sup> Harvest before July 25

<sup>2</sup> Harvest after July 25