

PRELIMINARY FORECASTS AND PROJECTIONS FOR 1989  
ALASKA SALMON AND HERRING FISHERIES

Edited by

Harold J. Geiger  
Biometrician

Herman Savikko  
Fishery Biologist

and

Fritz Funk  
Biometrician

Alaska Department of Fish and Game  
Division of Commercial Fisheries  
Juneau, Alaska

November 1988

# Alaska Commercial Salmon Harvest

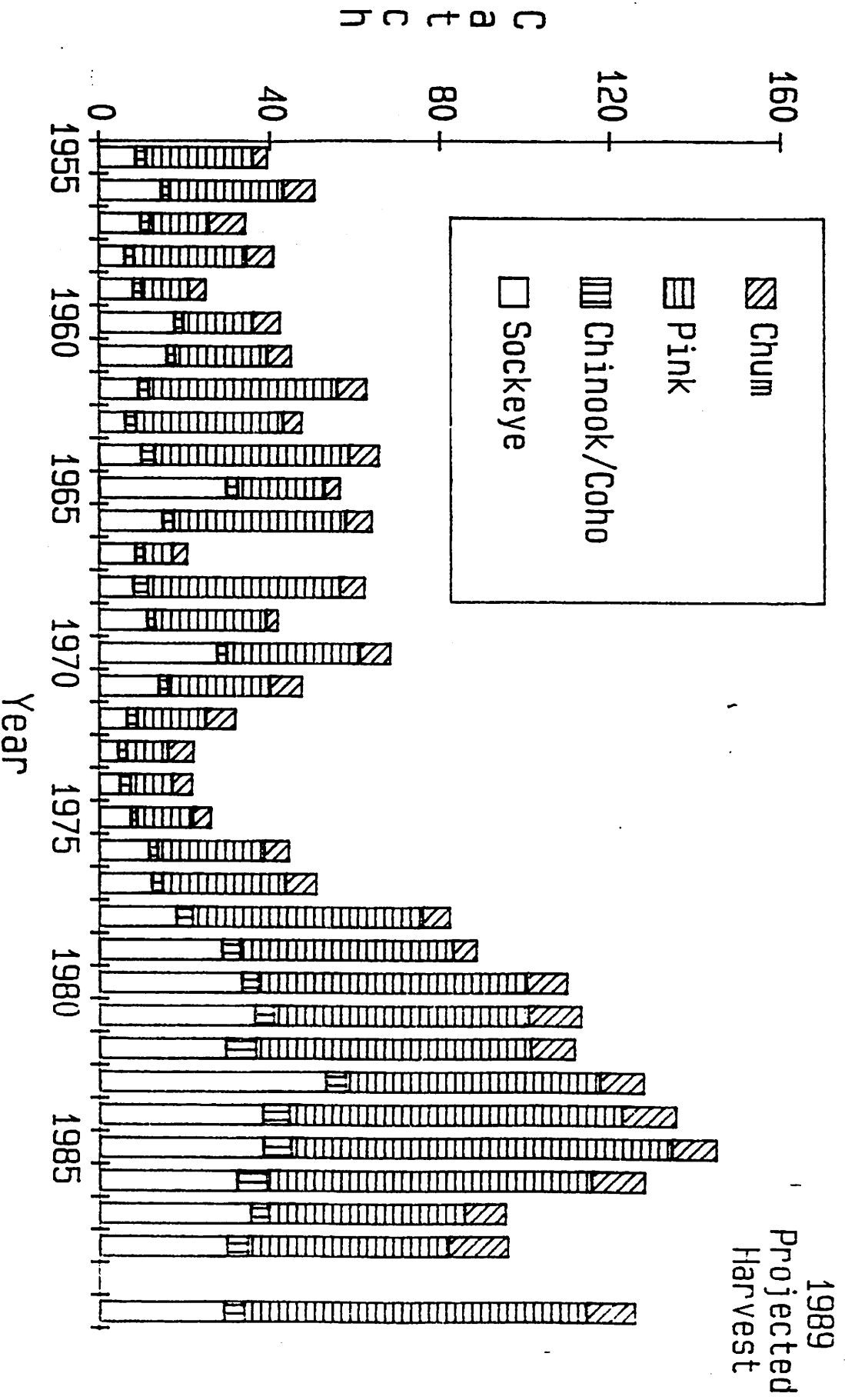


Table 3. Preliminary 1988 Alaska commercial salmon harvest by species and fishing area. 1/

Fishing Area	SPECIES					Total
	Chinook	Sockeye	Coho	Pink	Chum	
Southern Southeastern	25.5	882.7	173.1	8,794.7	1,955.5	11,831.5
Northern Southeastern	5.0	561.3	336.4	1,706.8	1,166.6	3,776.1
Southeast Troll	231.1	8.6	498.4	446.9	83.2	1,268.2
<b>Southeastern Statistical Region Total</b>	<b>261.5</b>	<b>1,452.7</b>	<b>1,007.9</b>	<b>10,948.4</b>	<b>3,205.3</b>	<b>16,875.8</b>
Cordova Area	31.8	767.6	477.7	11,736.3	1,841.3	14,854.7
Cook Inlet Area	30.7	7,123.9	567.1	1,391.2	1,028.5	10,141.4
Kodiak Area	22.4	2,696.1	300.1	14,556.4	1,426.1	19,001.2
Chignik	8.1	795.8	370.4	2,848.8	269.9	4,293.0
South Peninsula	11.0	1,466.4	486.3	6,310.3	1,889.4	10,163.4
<b>Central Statistical Region Total</b>	<b>104.0</b>	<b>12,849.8</b>	<b>2,201.7</b>	<b>36,843.0</b>	<b>6,455.3</b>	<b>58,453.7</b>
Aleutian Islands	0.0	5.0	0.0	188.0	0.5	193.5
North Peninsula	17.0	1,447.6	213.9	63.4	383.0	2,124.9
Bristol Bay Area	45.0	14,010.4	186.8	922.0	1,474.7	16,639.0
Kuskokwim Area	74.5	149.9	623.7	37.6	1,443.9	2,329.7
Yukon Area	99.6	0.0	67.2	1.0	1,211.9	1,379.8
Norton Sound	4.1	1.3	37.2	74.6	108.0	225.1
Kotzebue Area	0.1	0.0	0.0	0.0	352.9	353.1
<b>Western Statistical Region Total</b>	<b>240.5</b>	<b>15,614.2</b>	<b>1,128.8</b>	<b>1,286.7</b>	<b>4,974.9</b>	<b>23,245.0</b>
<b>ALASKA TOTAL</b>	<b>606.0</b>	<b>29,916.7</b>	<b>4,338.4</b>	<b>49,078.0</b>	<b>14,635.4</b>	<b>98,574.6</b>

1/ Compiled 28 November 1988, catches in thousands of fish.

2/ Yukon Chum consist of separate Fall and Summer Chum runs

Table 11. Preliminary projections of 1989 Alaska commercial salmon harvests by fishing area and species.

Fishing Area	SPECIES					
	Chinook	Sockeye	Coho	Pink	Chum	Total
Southeastern	319 1/	1,500	1,700	19,500	3,500	26,519
Cordova Area	42	1,314	440	46,000	1,149	48,945
Upper Cook Inlet	30	2500	400	100	800	
Lower Cook Inlet	1	425	10	900	130	1,466
Bristol Bay Area	90	16,100	237	0	1,440	17,867
Central Region	163	20,339	1,087	47,000	3,519	72,108
Kodiak Area	5	2,500	200	10,500	800	14,005
Chignik	3	1,150	100	448	120	1,821
South Peninsula	10	1,500	200	3,000	800	5,510
North Peninsula	20	1,900	200	5	500	2,625
Aleutian Islands	0	5	0	50	0	55
Westward Region	38	7,055	700	14,003	2,220	24,016
A.Y.K. Region	181	129	487	3	2,121	2,921
<b>TOTAL ALASKA</b>	<b>701</b>	<b>29,023</b>	<b>3,974</b>	<b>80,506</b>	<b>11,360</b>	<b>125,564</b>

1/ Includes 275 thousand in common property harvest, plus 44 thousand in cost recovery harvest.

Compiled 28 November 1988, catches in thousands of fish. The projected 1989 harvests were obtained by summing harvest forecasts (Table 8) and harvest projections for remaining fisheries. The latter based on recent catches.

See Tables 4,5,6, and 7 for definition of management regions.

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Table 1. Summary of 1988 commercial herring season and 1989 preliminary forecast.

Fishery	1988			1989 Projected					Stock Status/Trend
	---Season--- Opened	Closed	Harvest <sup>a</sup>	Harvest <sup>a</sup>	Expl. Rate	Mean Wt. (g)	Mean Spawning Age	Spawning Biomass <sup>a</sup>	
<b>Southeast</b>									
Kah Shakes	3/25	3/25	1,145	647	10.5%		6	6,150	Moderate/Stable
Sitka	4/04	4/14	9,390	11,726	20.0%		5	58,650	High/Increasing
Seymour Canal	4/26	5/01	586	332	10.2%		7	3,250	Moderate/Declining
Lynn Canal	-----No Fishery-----			--No Fishery--					Depressed/Stable
Food/Bait	1/04	1/14	4,147	3,800					
<b>Prince Wm. Sound</b>									
Seine	4/21	4/22	7,856	7,270					
Gill Net	4/23	4/23	358	423					
Pound	4/12	4/23	124	1,063					
Wild Kelp	4/29	4/30	97	824					
Food/Bait	11/1	11/5	1,341	1,400					
<b>Total</b>			9,776	10,980	20.0%	127	5	54,899	High/Increasing
<b>Lower Cook Inlet</b>									
Sac roe	4/22	4/30	5,545	5,293					
Food/Bait	--No Fishery--			0	772				
<b>Total</b>			5,545	6,065	15.7%	184	6	38,623	High/Increasing
<b>Upper Cook Inlet</b>									
Sac Roe	4/22	5/15	37	75			5	Unknown	
Food/Bait	4/15	5/27	50	50				Unknown	
<b>Kodiak</b>									
Sac Roe	4/15	6/30	2,171	2,000					
Food/Bait	8/01	2/28	216	250					
<b>Chignik</b>	4/15	6/30	59	60					
<b>Alaska Peninsula</b>	4/14	6/17	607	600					
<b>Togiak</b>									
Seine	5/17	5/17	10,371	10,128					
Gill Net	5/17	5/17	3,546	3,376					
Wild Kelp	5/20	5/21	245	1,500					
Dutch Harbor	7/16	-----	1,982	1,016					
<b>Total</b>			16,144	16,020	20.0%	362	9	80,100	Moderate/Decreasing
<b>Security Cove</b>	5/19	5/20	324	331	10.0%			3,312	
<b>Goodnews Bay</b>	5/23	5/26	483	308	10.0%			3,077	
<b>Cape Avinof</b>	5/29	6/3	348	278	10.0%			2,777	
<b>Nunivak Island</b>			0	97	10.0%			972	
<b>Nelson Island</b>	5/26	5/26	775	247	10.0%			2,467	
<b>Cape Romanzof</b>	5/24	5/25	1,119	798	20.0%			3,990	
<b>Norton Sound</b>									
Gill Net	5/27	5/31	4,065	-				-	
Seine	5/27	5/31	191						
<b>Total</b>			4,256	4,250	20.0%			21,250	
<b>Port Clarence</b>	6/11	6/13	80	136	23.1%			590	
<b>Sac Roe Harvest Total:</b> <sup>a,b</sup>			49,056	48,374					
<b>Food/Bait Harvest Total:</b>			7,736	7,239					
<b>Total Harvest:</b>			56,792	55,613					

<sup>a</sup> Harvests and spawning biomasses are given in short tons (2,000 lbs).

<sup>b</sup> Sac roe total harvests exclude allowances for wild kelp and pound mortality.