

2019 Southeast Alaska Salmon Escapements



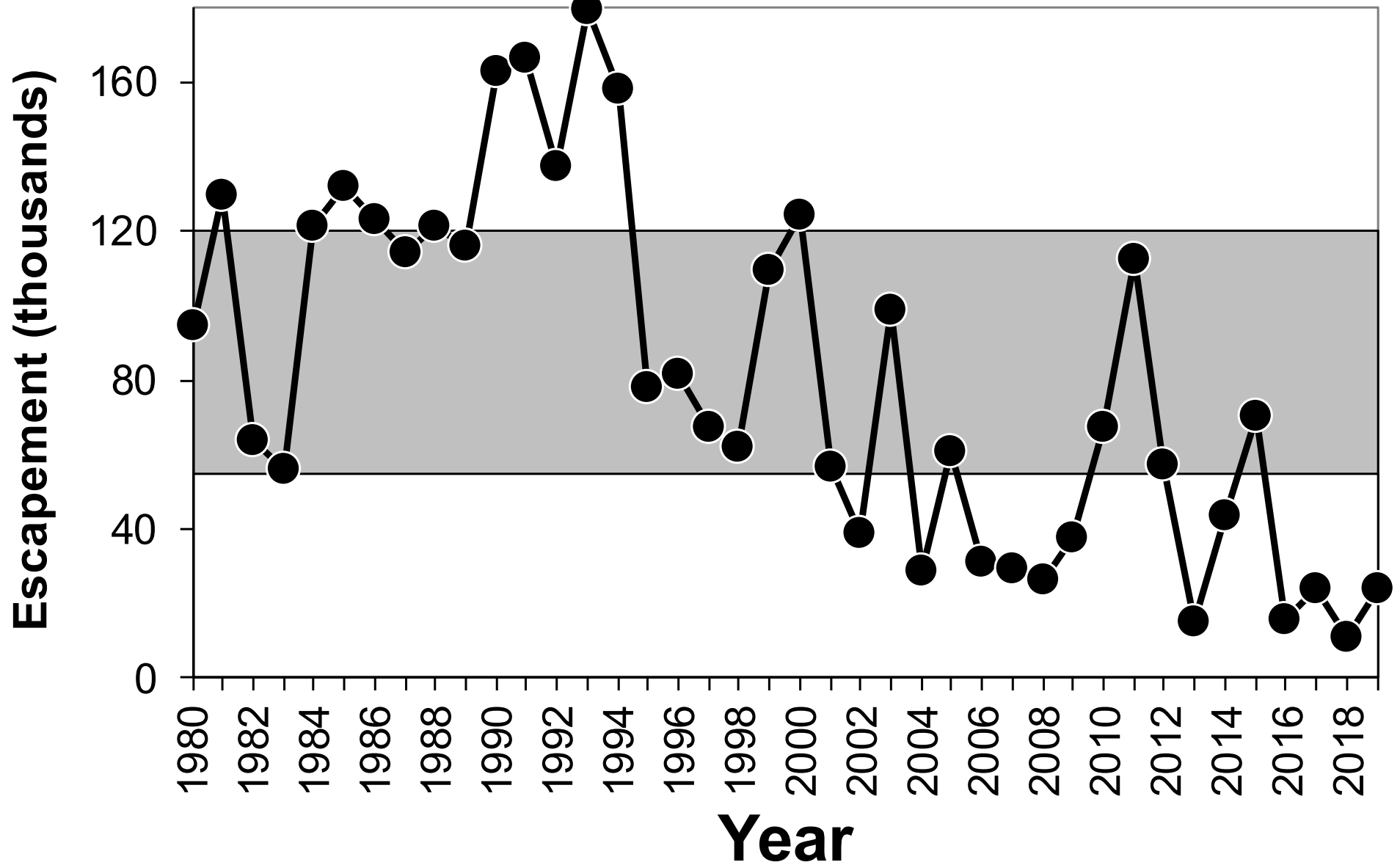
Photo by Steve Heint

Sockeye Salmon

Stock	Goal Type ¹	Estimated Escapement or Index	Escapement Goal Range	Comment	Enumeration Method
Hugh Smith Lake	OEG	2,240	8,000–18,000	Below Goal	Weir Count
McDonald Lake	SEG	24,200	55,000–120,000	Below Goal	Expanded Foot Survey
Stikine—Mainstem	SEG	23,200	20,000–40,000		Run Reconstruction
Stikine—Tahltan	BEG	36,600	18,000–30,000	Above Goal	Weir Count
Speel Lake	SEG	6,400	4,000–13,000		Weir Count
Taku River	SEG	76,700	55,000–62,000	Above Goal	Mark-recapture
Redoubt Lake	OEG	59,100	7,000–25,000	Above Goal	Weir Count
Chilkoot Lake	SEG	140,400	38,000–86,000	Above Goal	Weir Count
Chilkat Lake	BEG	135,000	70,000–150,000	Above Goal	Weir/Sonar Count
Situk River	BEG	72,600	30,000–70,000	Above Goal	Weir Count
Klukshu River	BEG	19,100	7,500–15,000	Above Goal	Weir Count
East Alsek River	BEG	27,300	9,000–24,000	Above Goal	Peak Aerial Survey

¹ Goal types include optimal (OEG), sustainable (SEG), and biological (BEG) escapement goals.

McDonald Lake Escapement

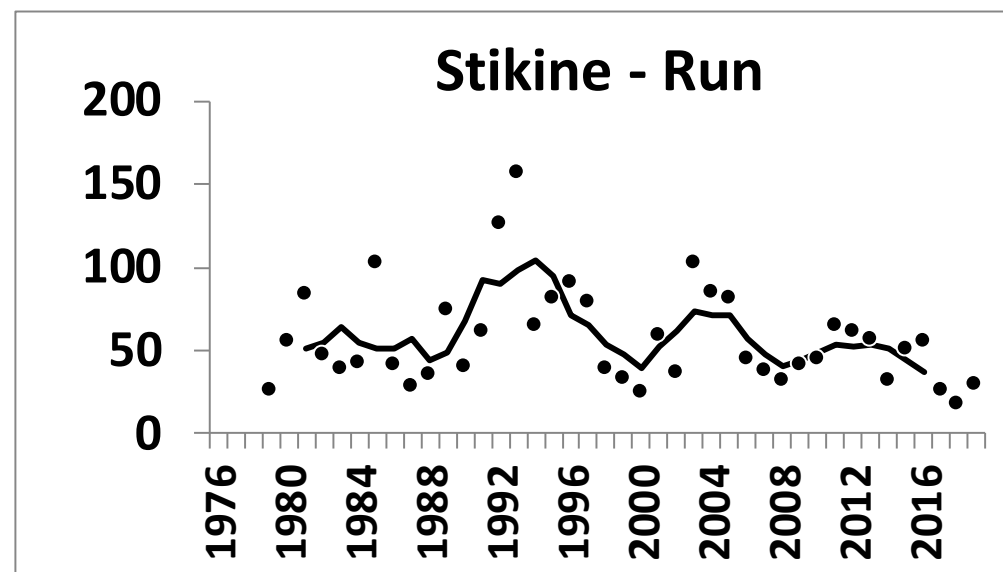
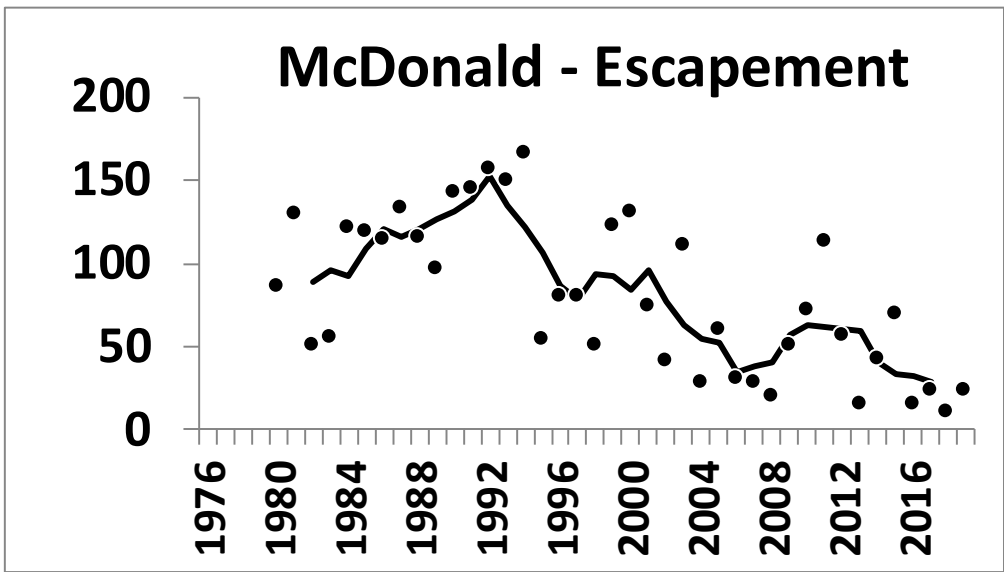
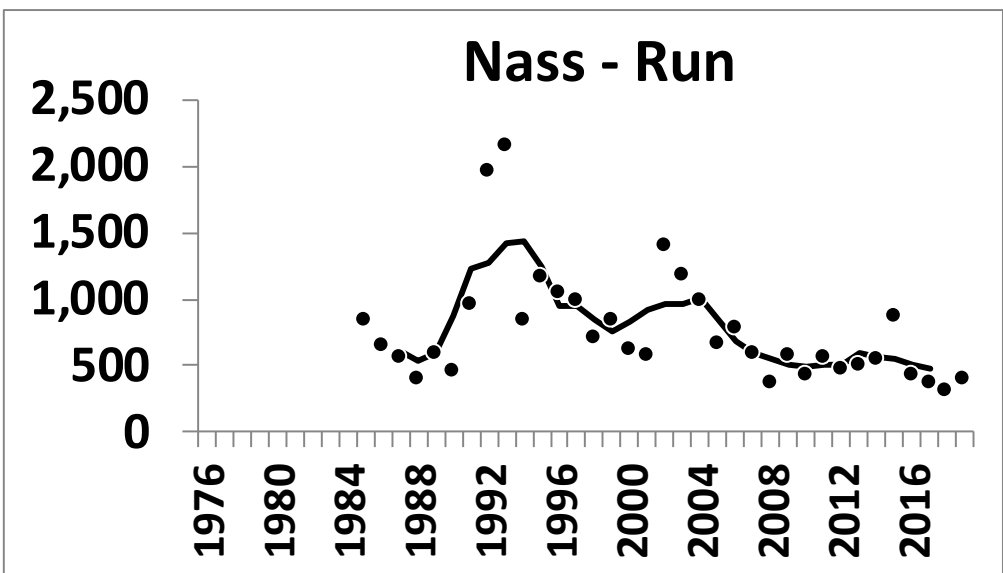
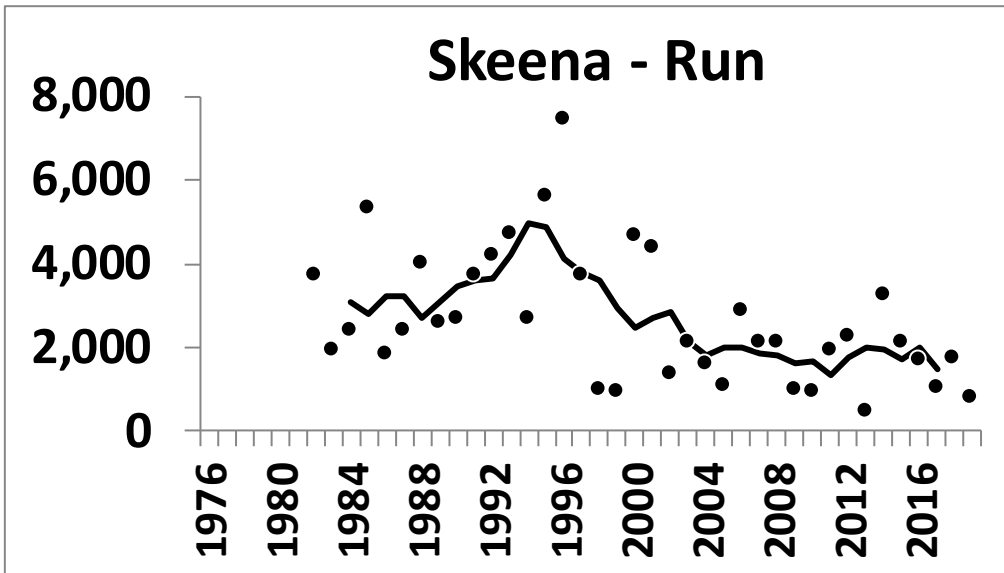


Commercial Harvest of McDonald Lake Sockeye Salmon, 2014 to 2019

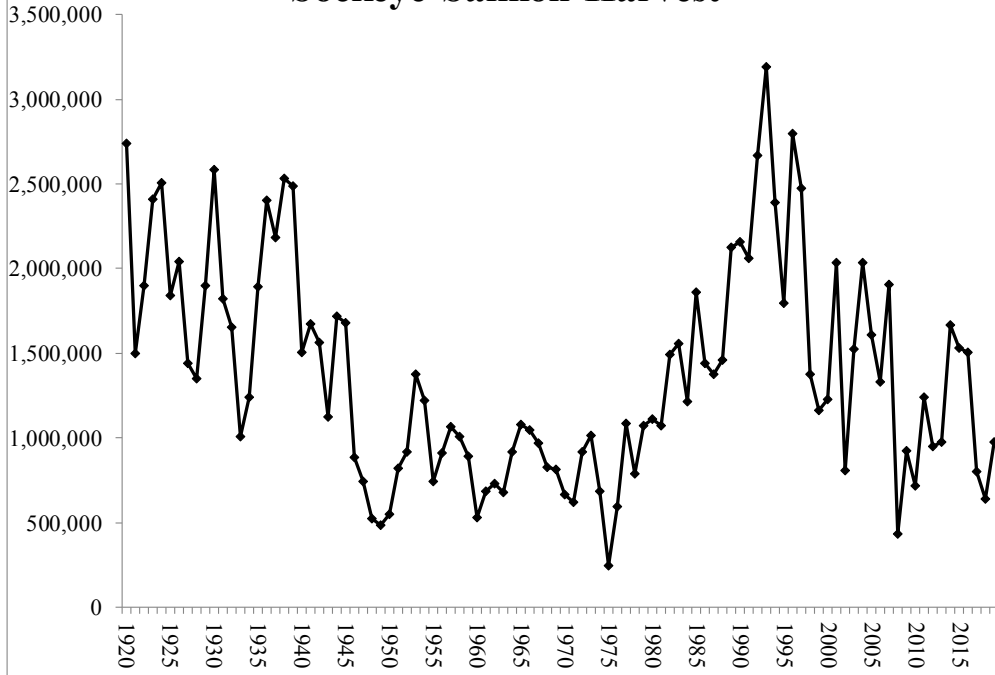
	2014	2015	2016	2017	2018	2019 <small>(*no District 6 data)</small>
Commercial Harvest	46,000	65,600	26,600	8,500	2,234	8,300*
Escapement	43,400	70,200	15,600	24,000	11,000	24,200
Harvest Rate	51%	48%	63%	26%	16%	25.3%*

a

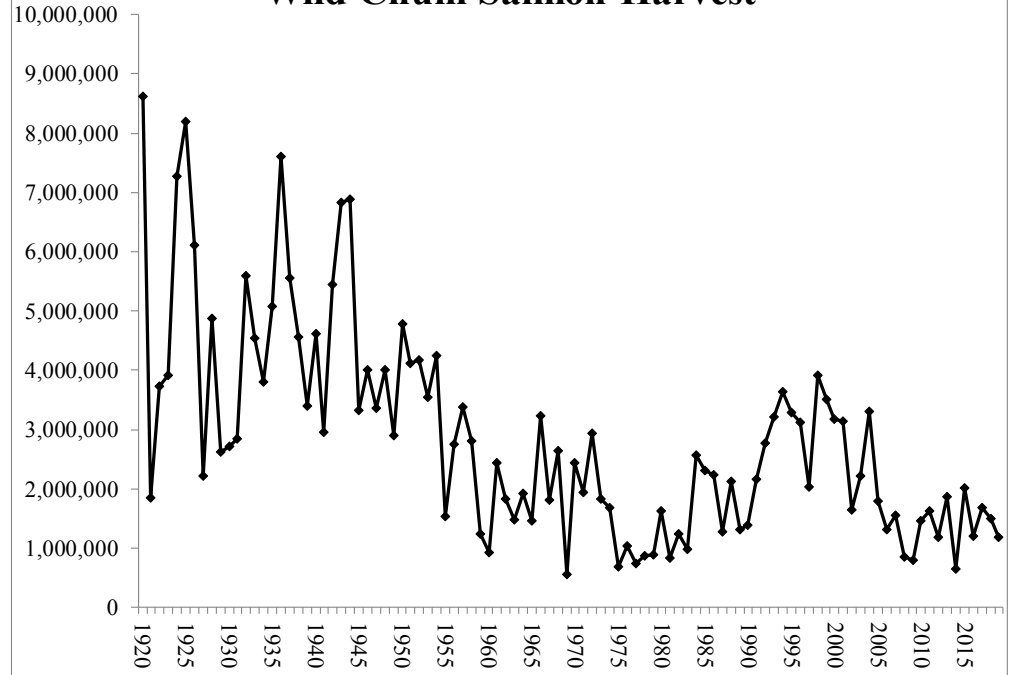




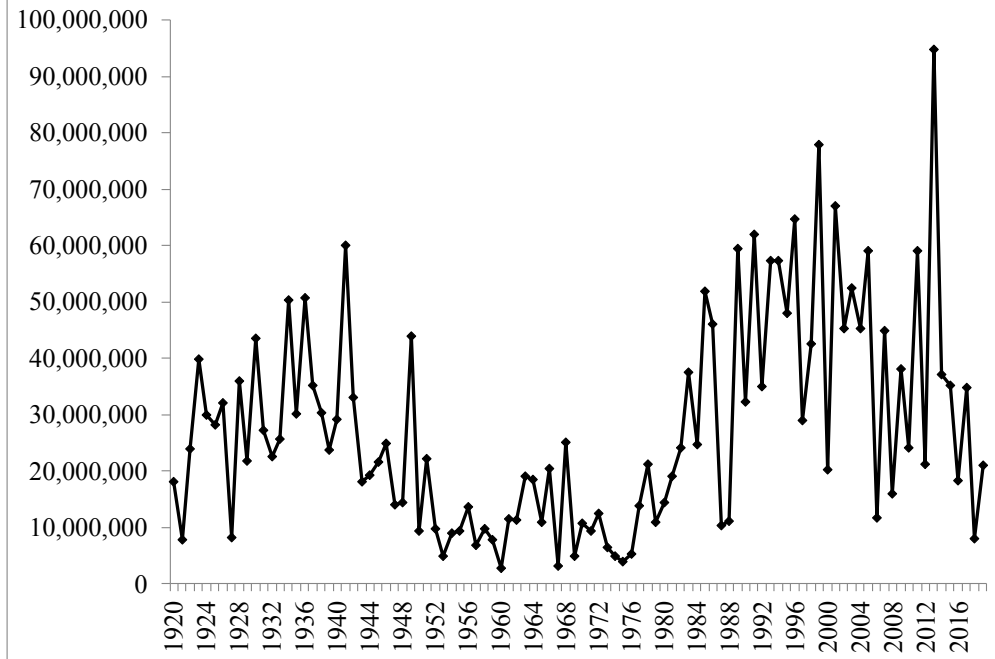
Sockeye Salmon Harvest



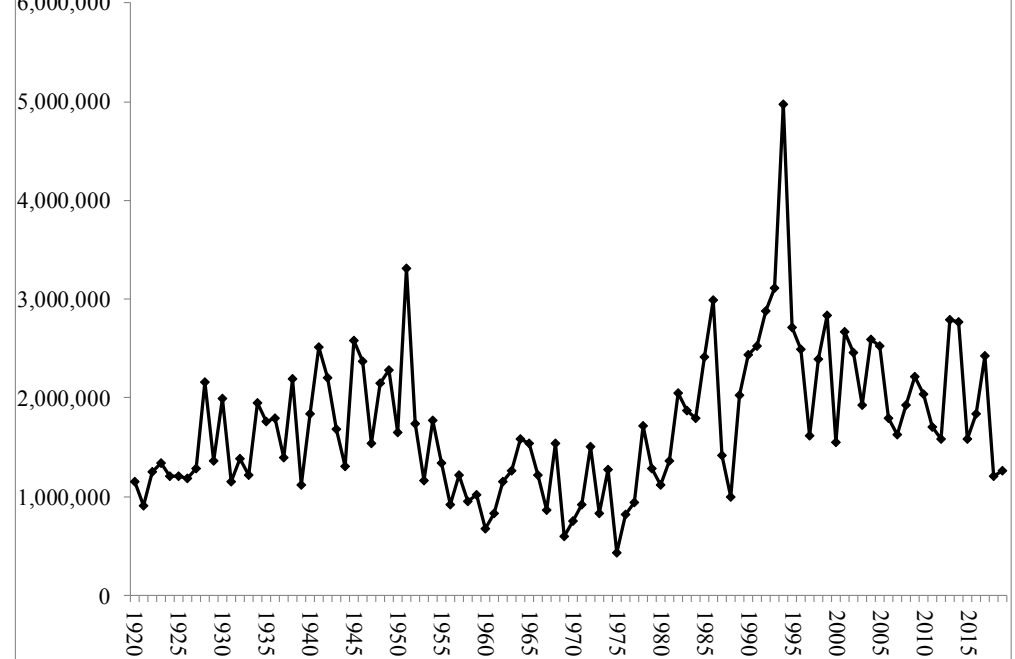
Wild Chum Salmon Harvest



Pink Salmon Harvest



Wild Coho Salmon Harvest



Southern Southeast Subregion

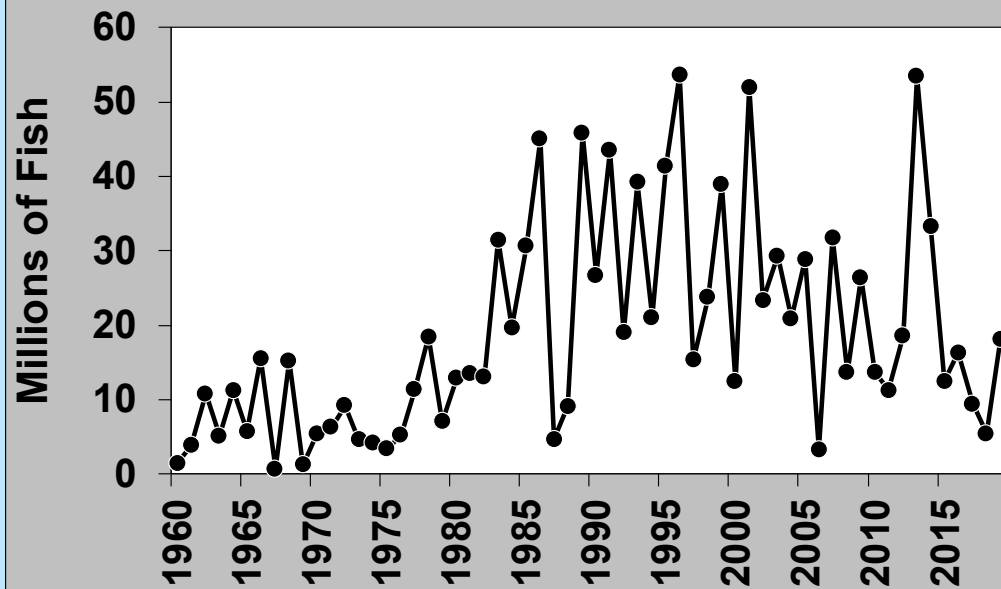


Sumner Strait

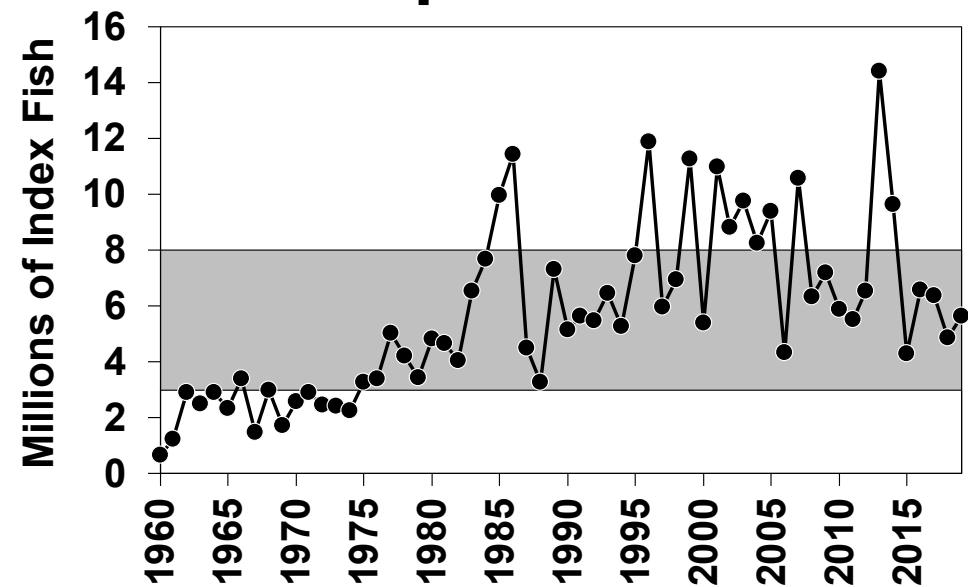
366 Index Streams

Southern Southeast Subregion

Harvest



Escapement Index



Sumner Strait

Northern Southeast Inside Subregion

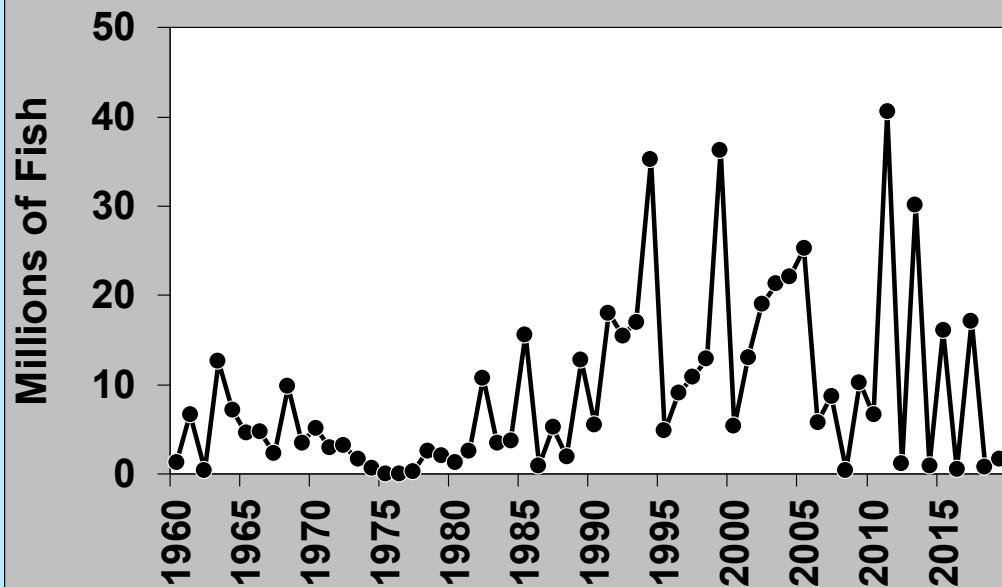


Sumner Strait

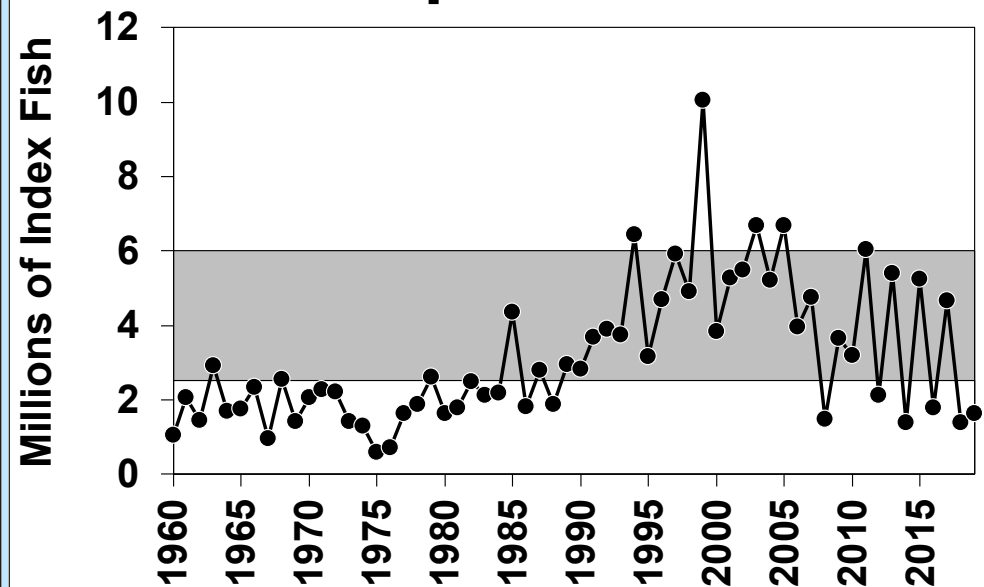
295 Index Streams

Northern Southeast Inside Subregion

Harvest



Escapement Index



Sumner Strait

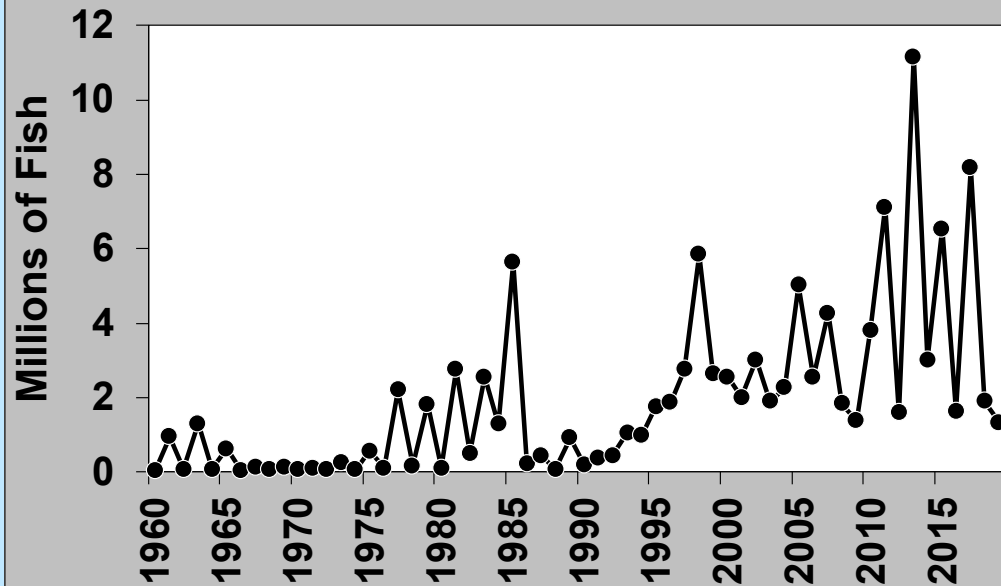
Northern Southeast Outside Subregion



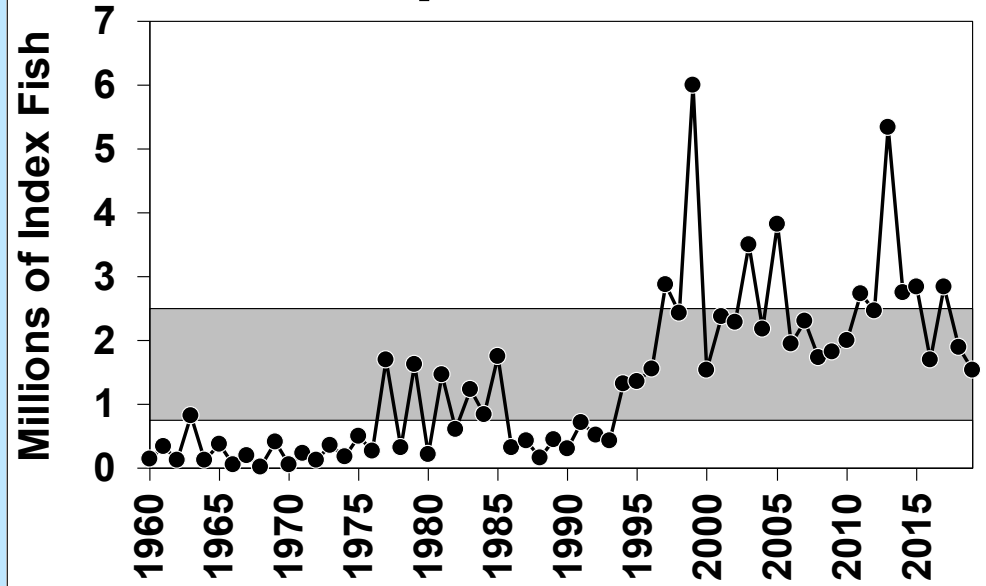
41 Index Streams

Northern Southeast Outside Subregion

Harvest

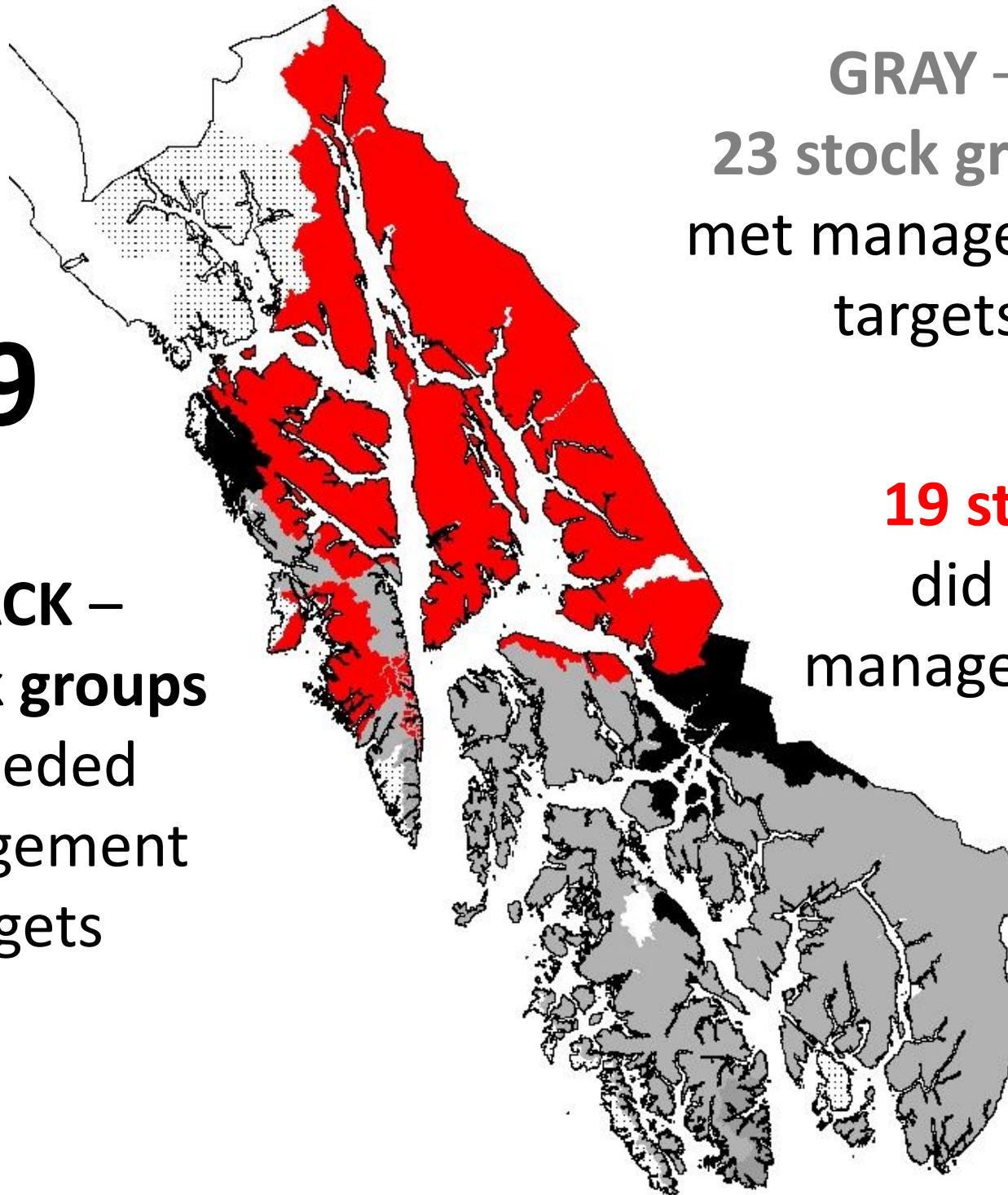


Escapement Index



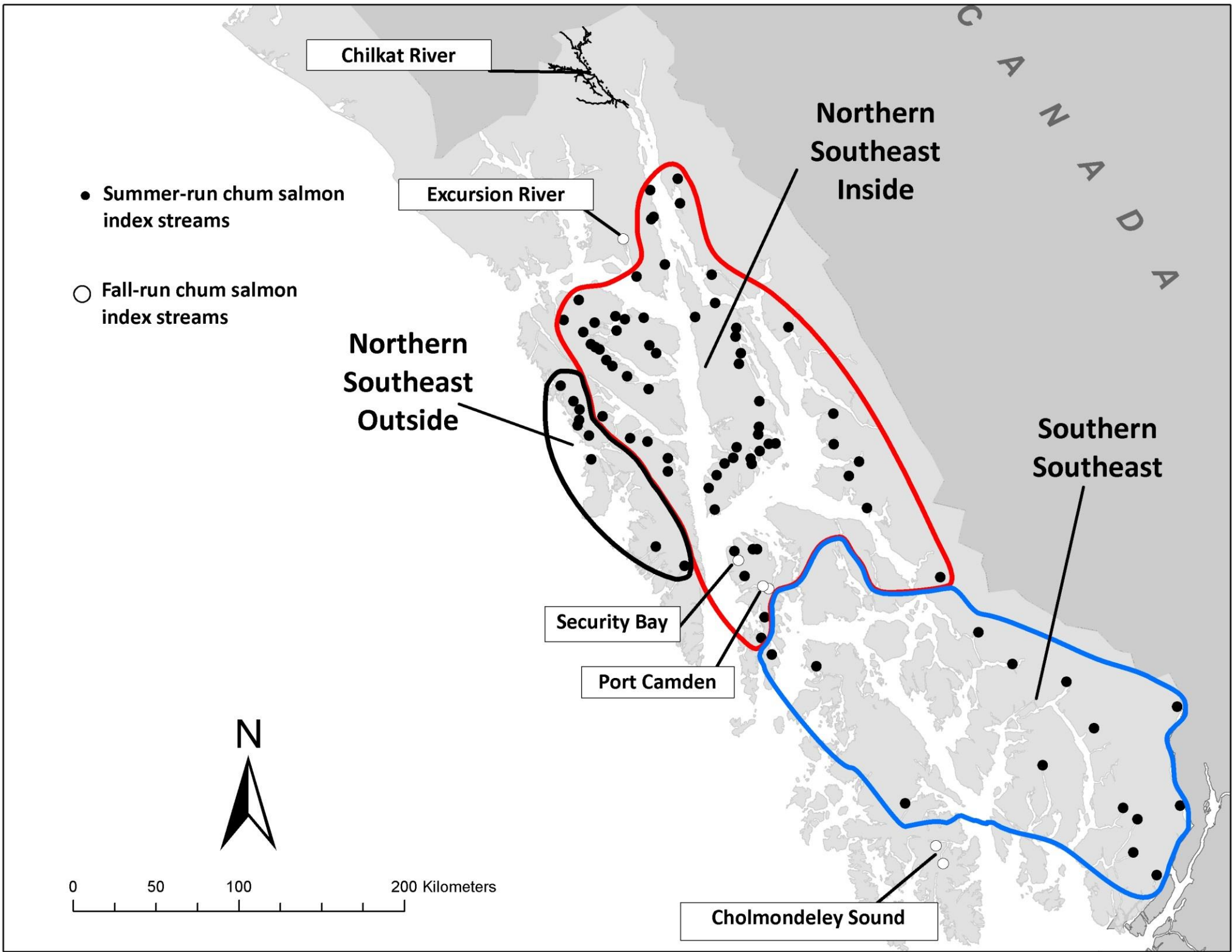
2019

BLACK –
4 stock groups
exceeded
management
targets



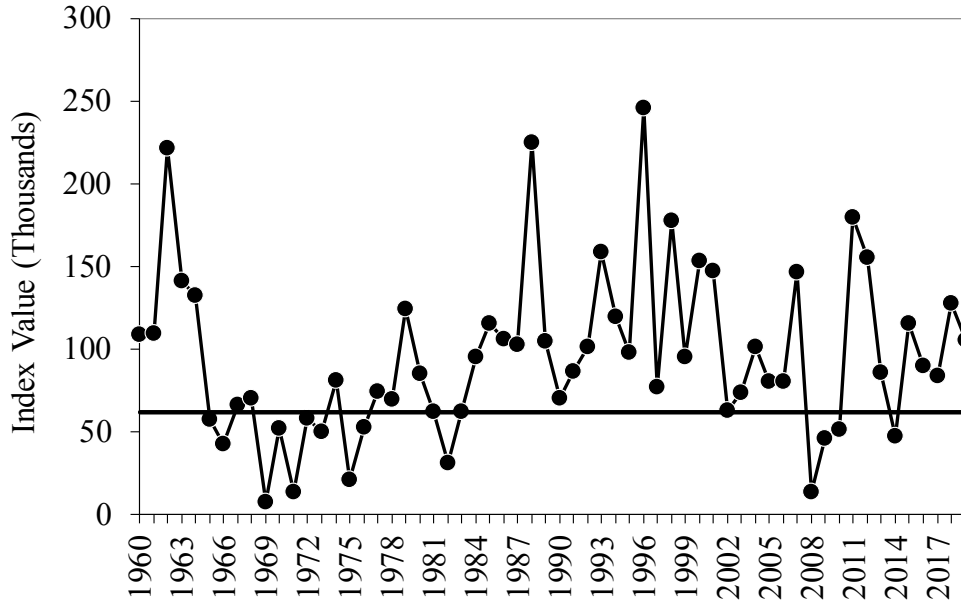
GRAY –
23 stock groups
met management
targets

RED –
19 stock group
did not meet
management targets

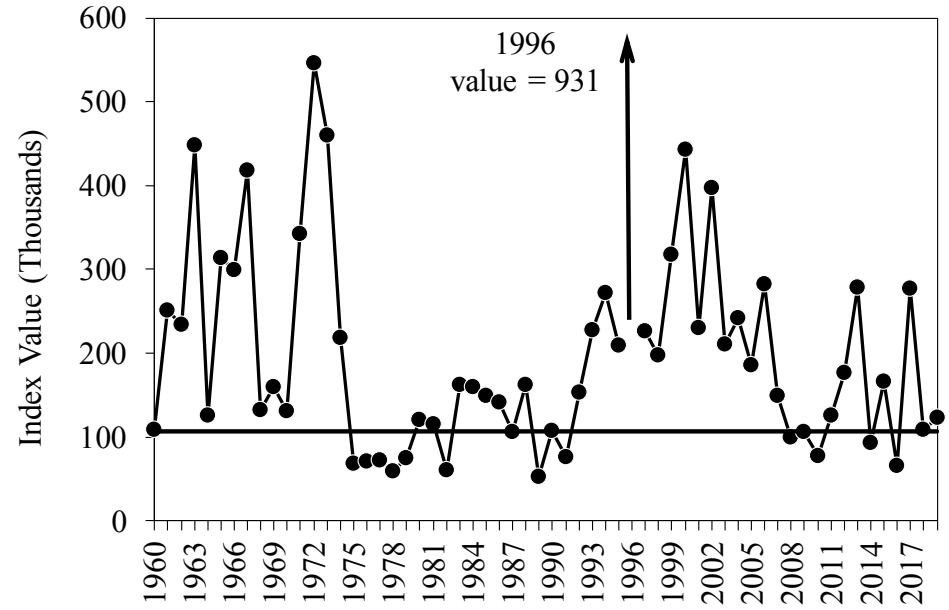


Summer Chum Salmon

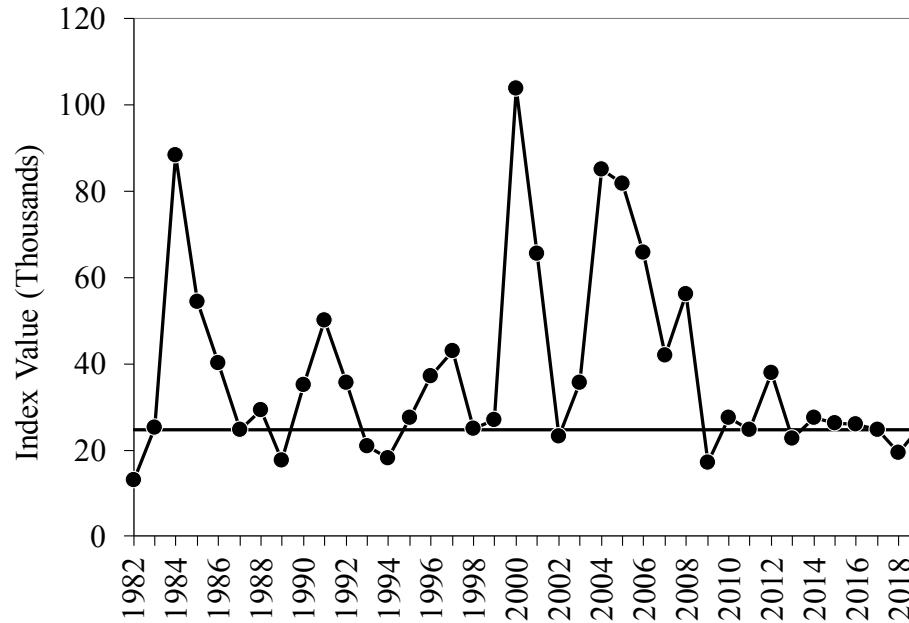
Southern Southeast



Northern Southeast Inside

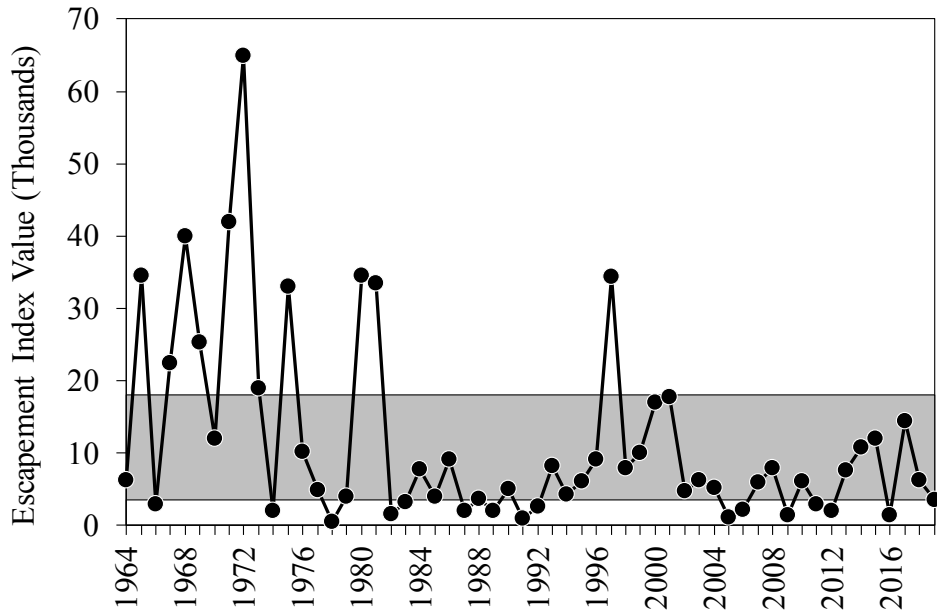


Northern Southeast Outside

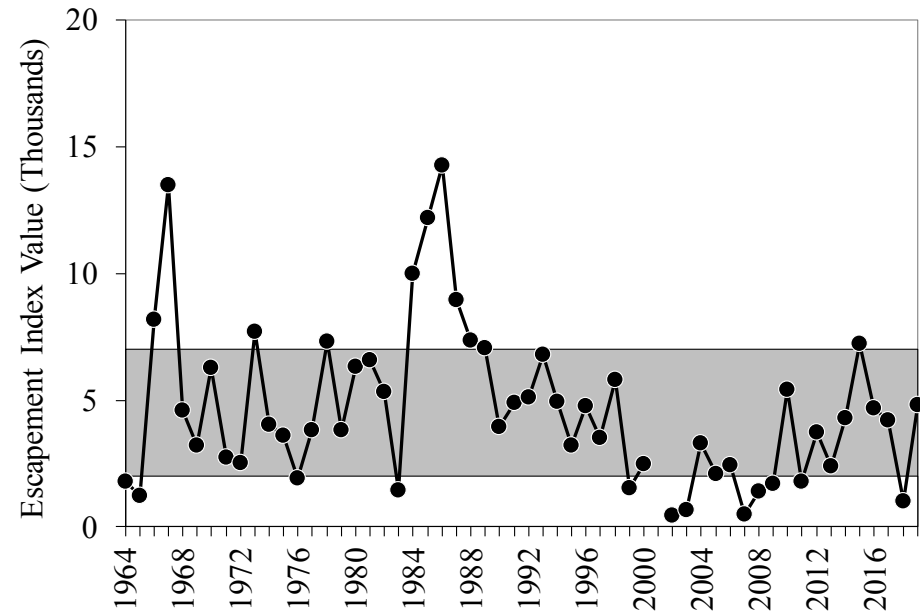


Fall Chum Salmon

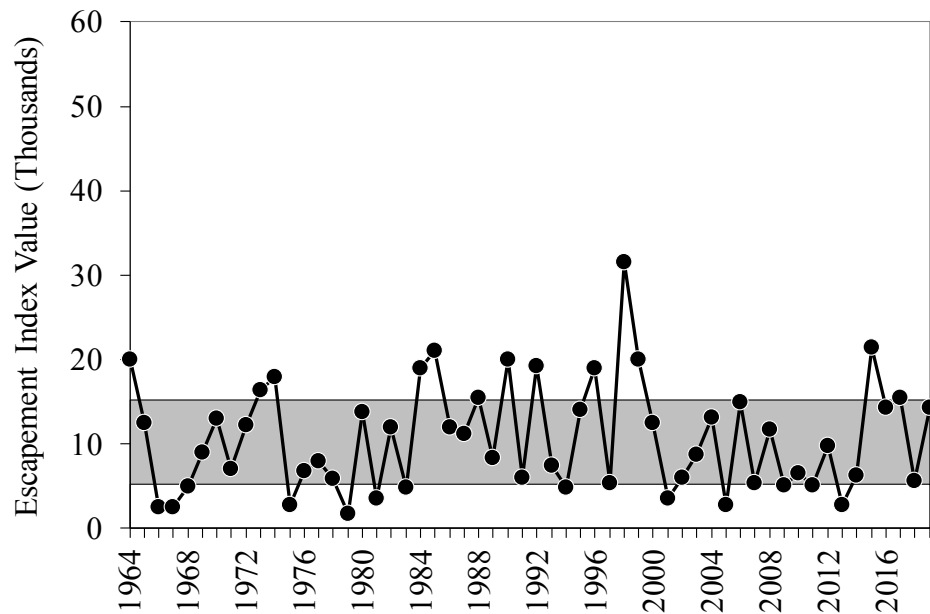
Excursion River



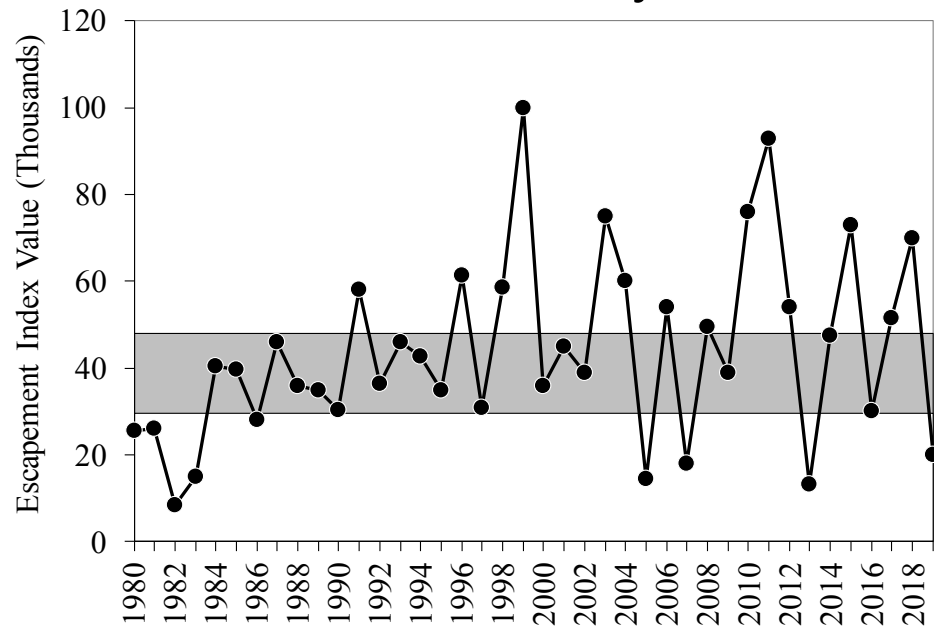
Port Camden



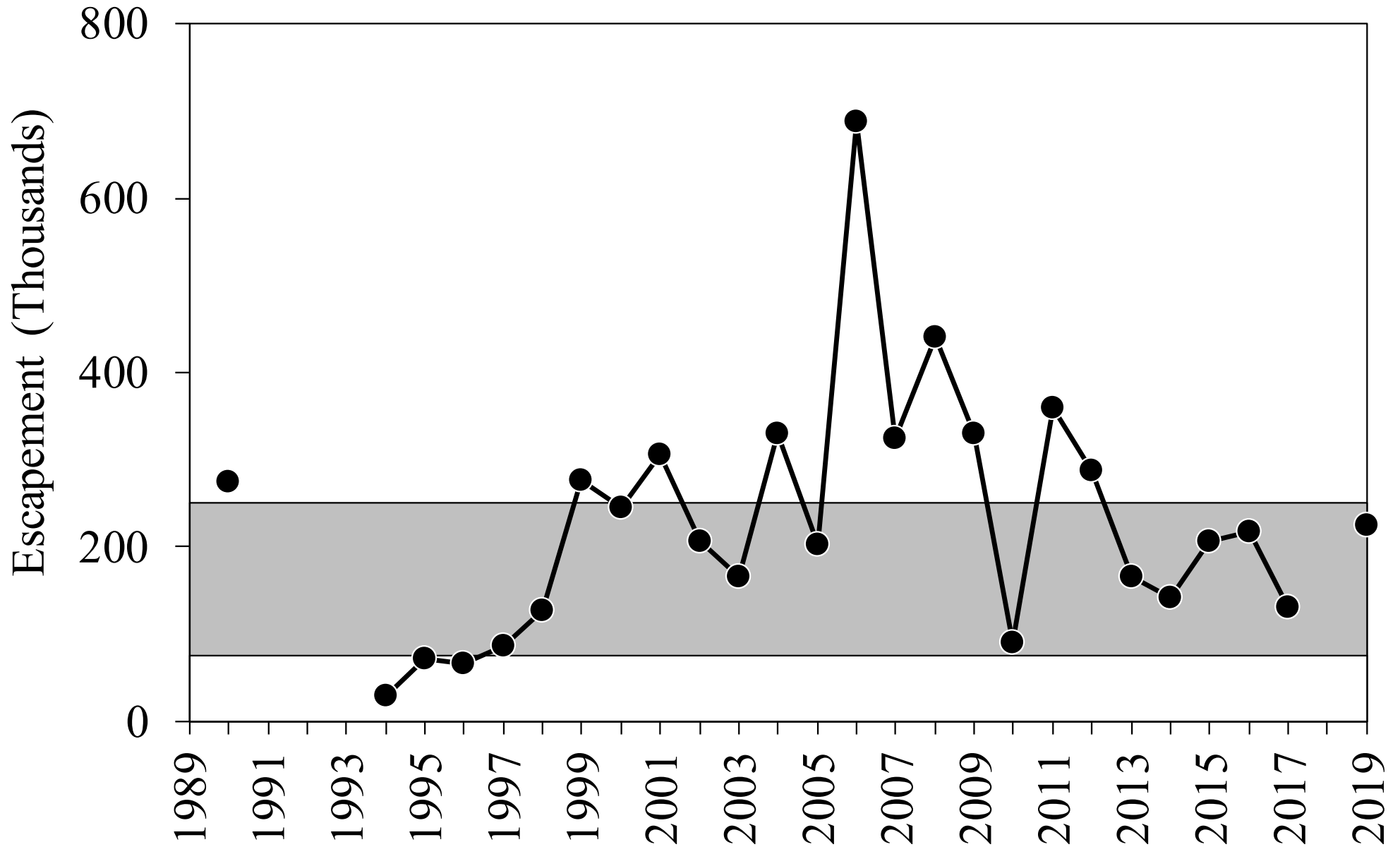
Security Bay



Cholmondeley Sound



Chilkat River Fall Chum Salmon



Coho Salmon

System	Hugh Smith Lake	Taku River	Auke Creek	Montana Creek	Peterson Creek	Ketchikan Survey Index	Sitka Survey Index
Goal Range	500–1,600	50,000–90,000	200–500	400–1,200	100–250	4,250–8,500	400–800
Goal Type ¹	BEG	BEG	BEG	SEG	SEG	BEG	BEG
2019	1,235	82,909	345	203	No Data	7,916	1,480

¹. Goal types include optimal (OEG), sustainable (SEG), and biological (BEG) escapement goals.

System	Berners River	Chilkat River	Tawah Creek	Situk River	Tsiu/Tsivat rivers
Goal Range	3,600–8,100	30,000–70,000	1,400–4,200	3,300–9,800	10,000–29,000
Goal Type ¹	BEG	BEG	SEG	BEG	BEG
2019	9,405	34,779	1,866	10,381	No Data

¹. Goal types include optimal (OEG), sustainable (SEG), and biological (BEG) escapement goals.

Chinook Salmon

System	Escapement	Escapement ^b					
	Goal ^a	2014	2015	2016	2017	2018	2019
Blossom River	500–1,400	840	642	522	341	1,087	557
Keta River	550–1,300	1,321	915	1,342	903	1,662	1,041
Unuk River	1,800–3,800	1,691	2,623	1,463	1,203	1,971	3,115
Chickamin River	2,150–4,300	3,097	2,760	964	722	2,052	1,610
Andrew Creek	650–1,500	1,261	796	402	349	482	698
Stikine River	14,000–28,000	24,366	21,597	10,554	7,206	8,344	13,629
King Salmon River	120–240	68	50	149	85	30	27
Taku River	19,000–36,000	23,532	28,827	12,381	8,214	7,271	11,558
Chilkat River	1,750–3,500	1,529	2,452	1,380	1,173	873	2,028
Alsek River	3,500–5,300	3,357	5,697	2,514	1,762	4,312	6,356
Situk River	450–1,050	475	174	329	1,187	420	623

Note: Gray cells indicate lower bound of the escapement goal not met.

^a Goals and escapement numbers for king salmon are for large fish (≥ 660 mm mid eye to fork length, or fish age 1.3 and older), except Alsek and Klukshu goals which are germane to fish age 1.2 and older and can include fish < 660 mm mid eye to fork length.

^b Preliminary estimates pending publication of final report.

Questions?

