

The Commercial Salmon Fisheries of the Kodiak Management Area

**Presented by
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**A Report to the Alaska Board of Fisheries
January, 2008
Alaska Department of Fish and Game
Division of Commercial Fisheries**



**Oral Report: RC 2; Tab 4
Written Report: RC 2; Tab 15**

Staff Comments: RC 2; Tab 25

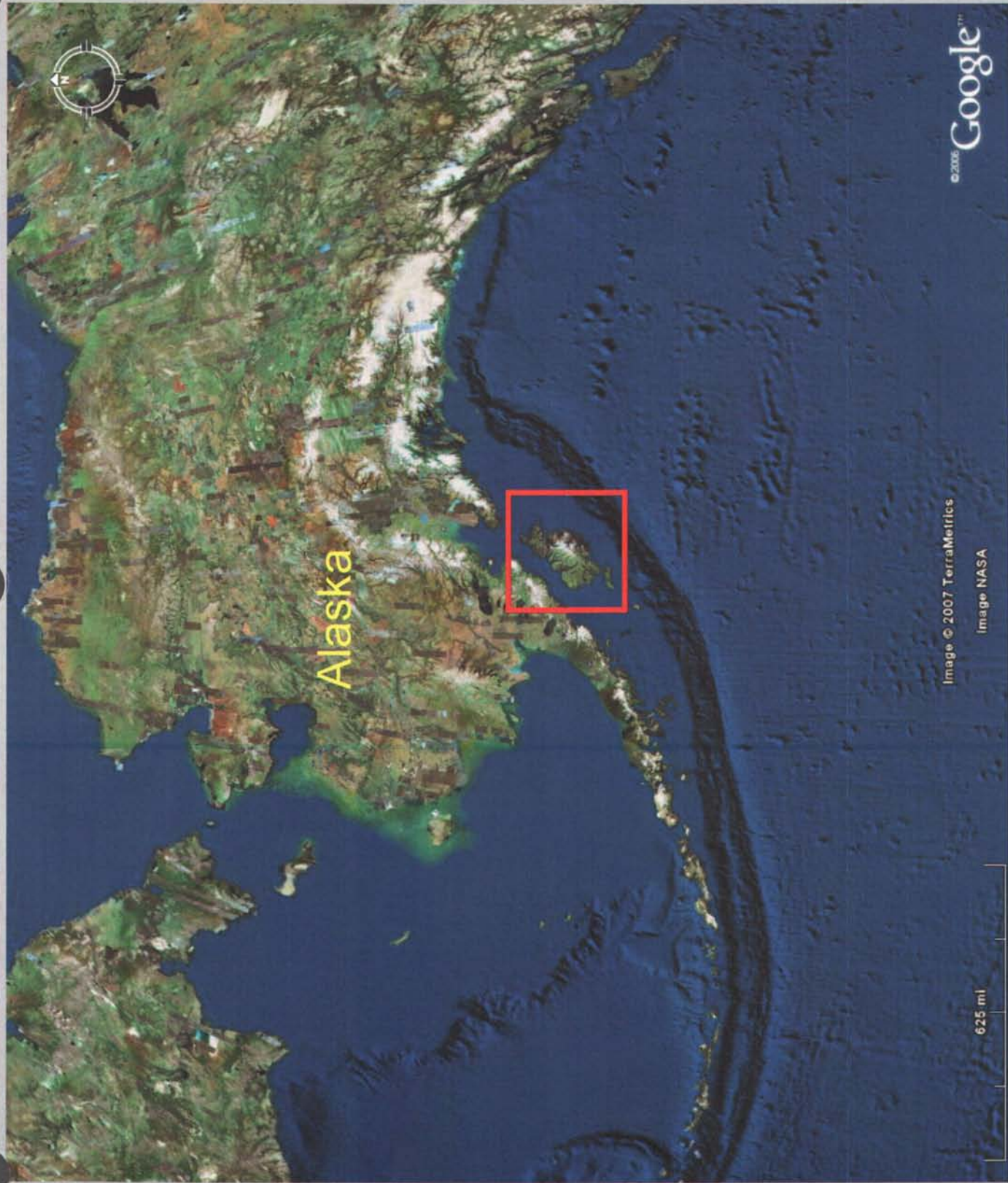
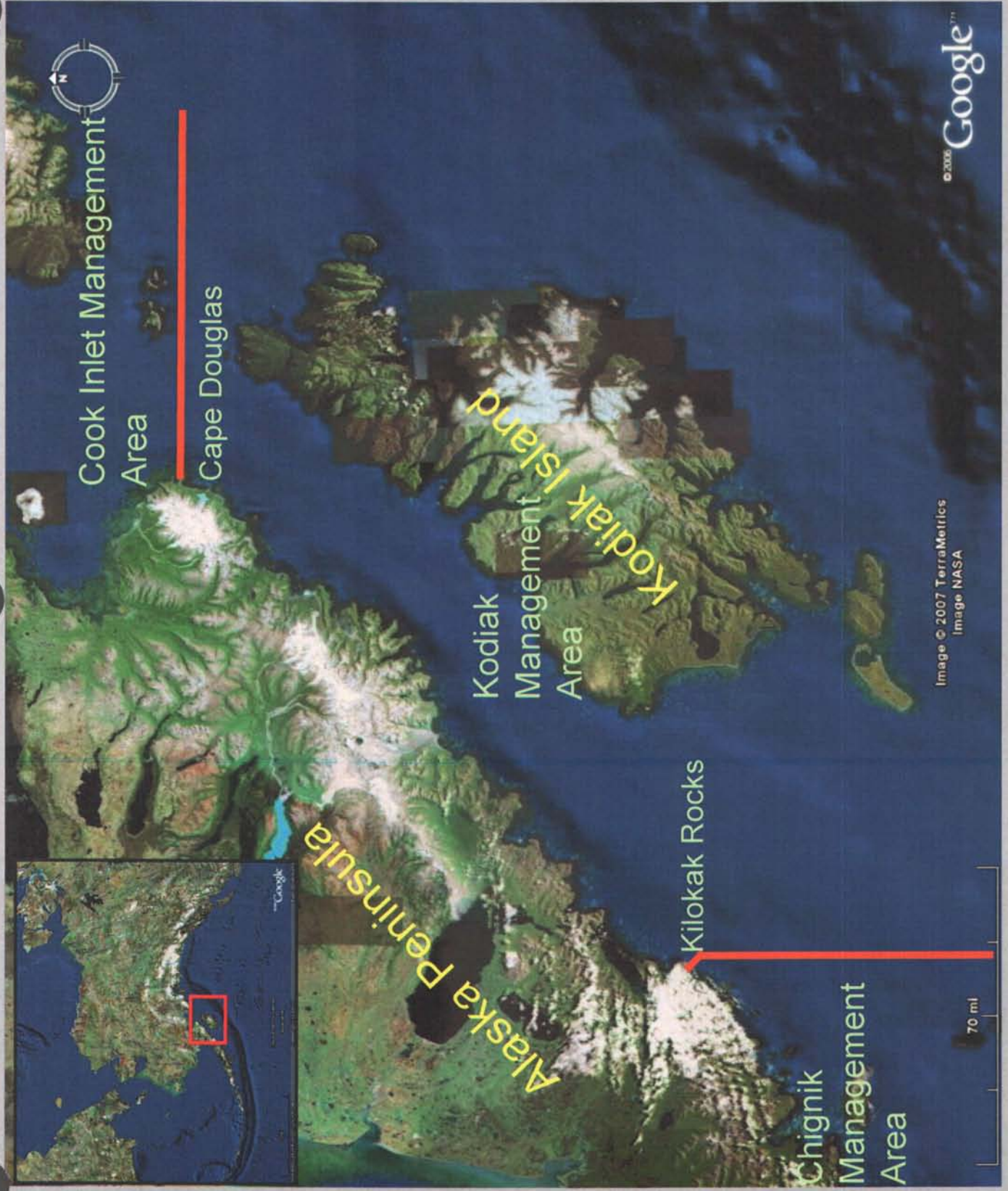


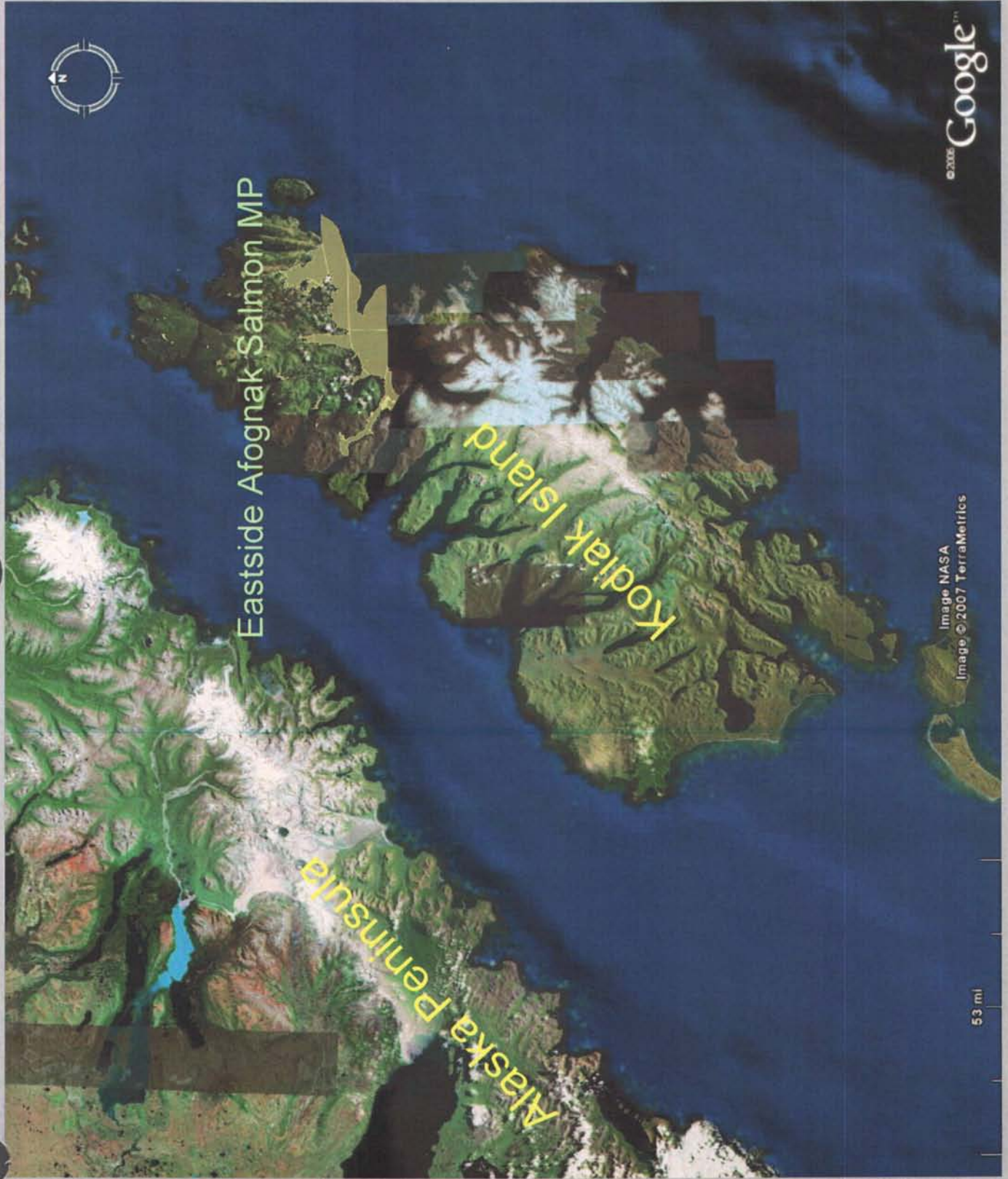
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Eastside Kodiak Salmon MP





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53 mi



Mainland Salmon MP

Kodiak Island

Alaska Peninsula

53 mi

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Spiridon Bay Sockeye Salmon MP

Telrod Cove

Kodiak Island

53 mi

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Crescent Lake Coho Salmon MP



Kodiak Island

Settler Cove





North Shelikof Strait Sockeye Salmon MP

Alaska Peninsula

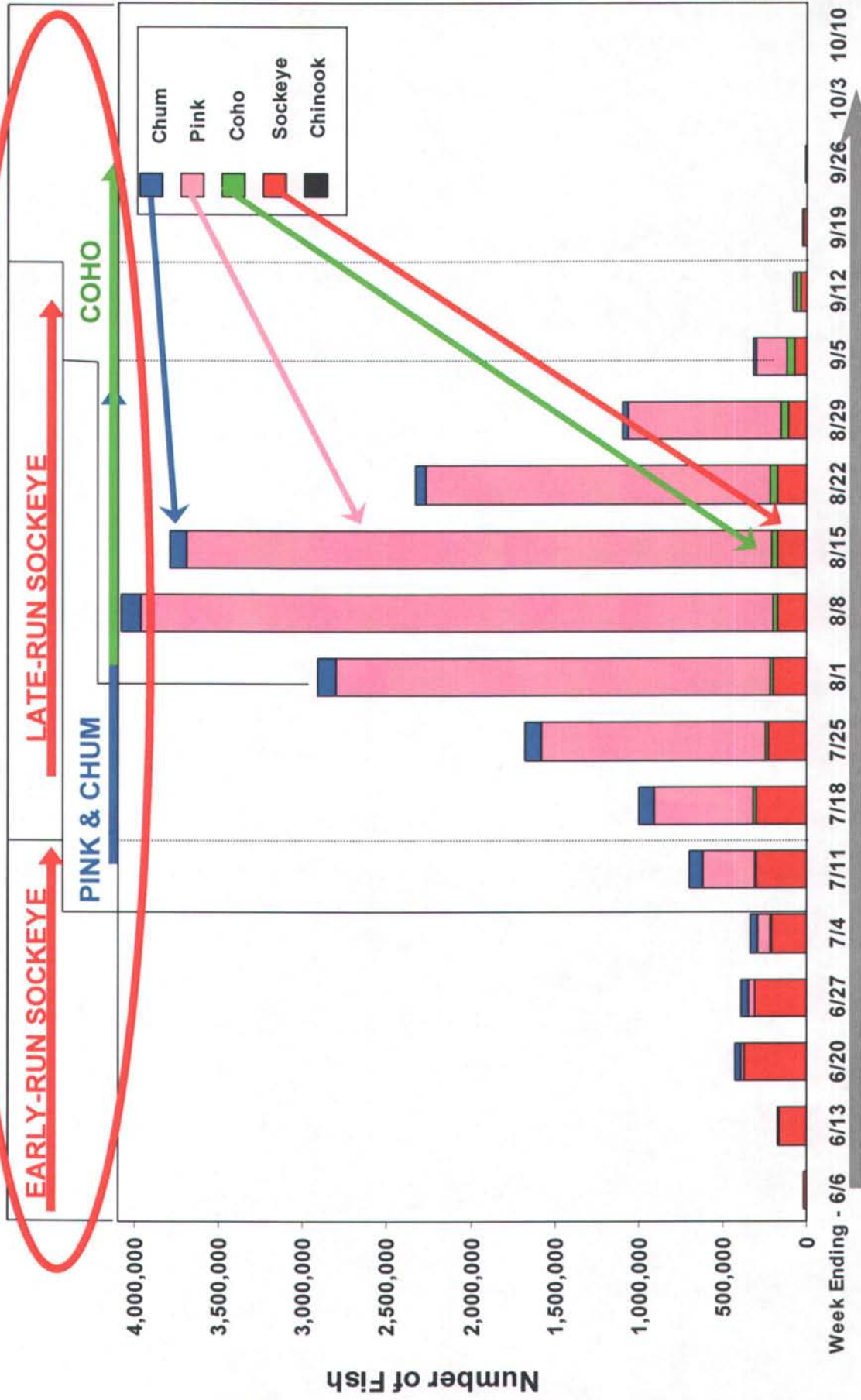
Kodiak Island

53 mi

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Average Weekly Salmon Harvest for the Kodiak Management Area, 1978-2007



Three legal gear types in the KMA

Purse Seine

Beach Seine

Set Gillnet

Alaska Peninsula

Kodiak Island



53 mi

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- Seine only areas



53 mi

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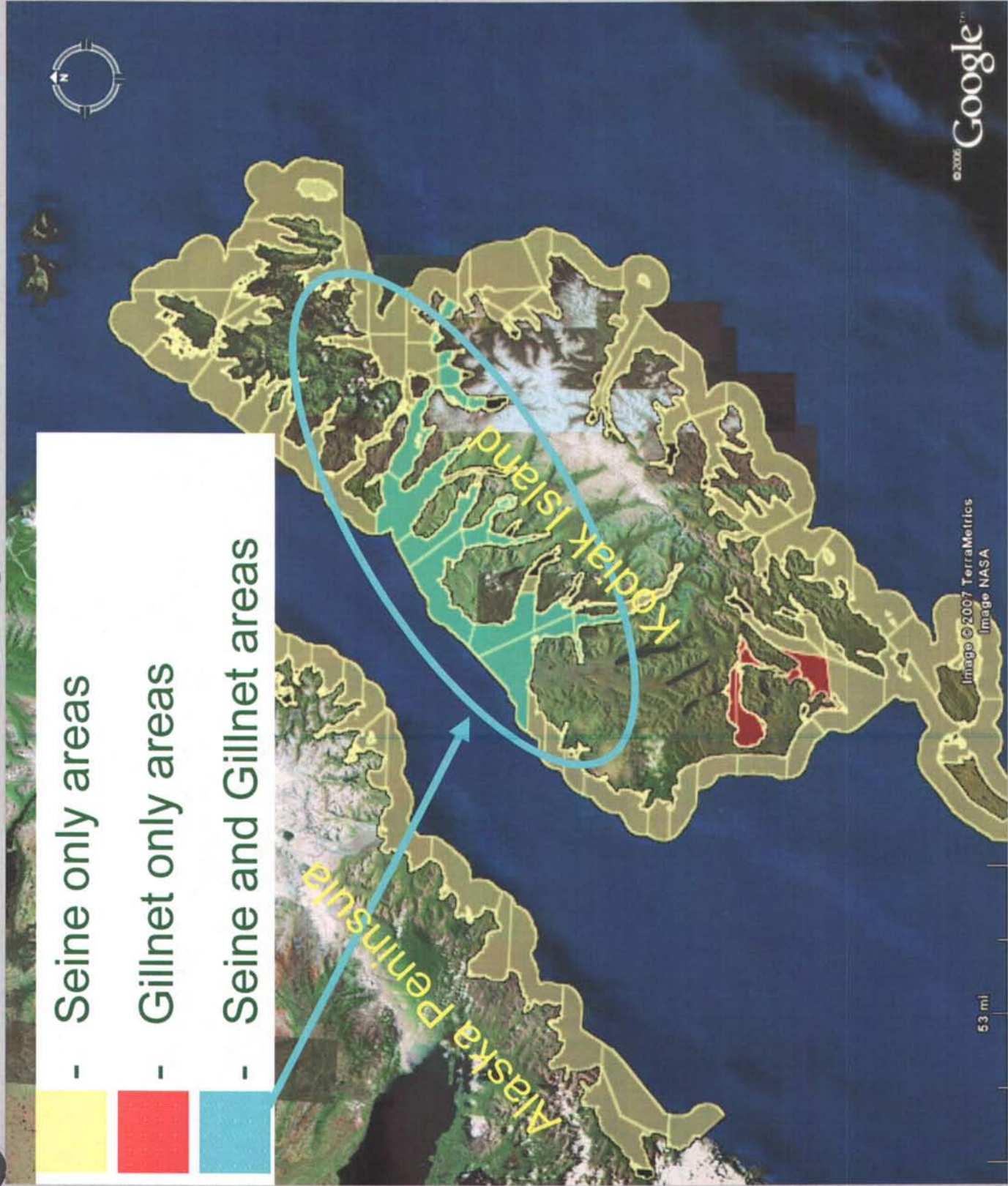
- Seine only areas
- Gillnet only areas



- Seine only areas

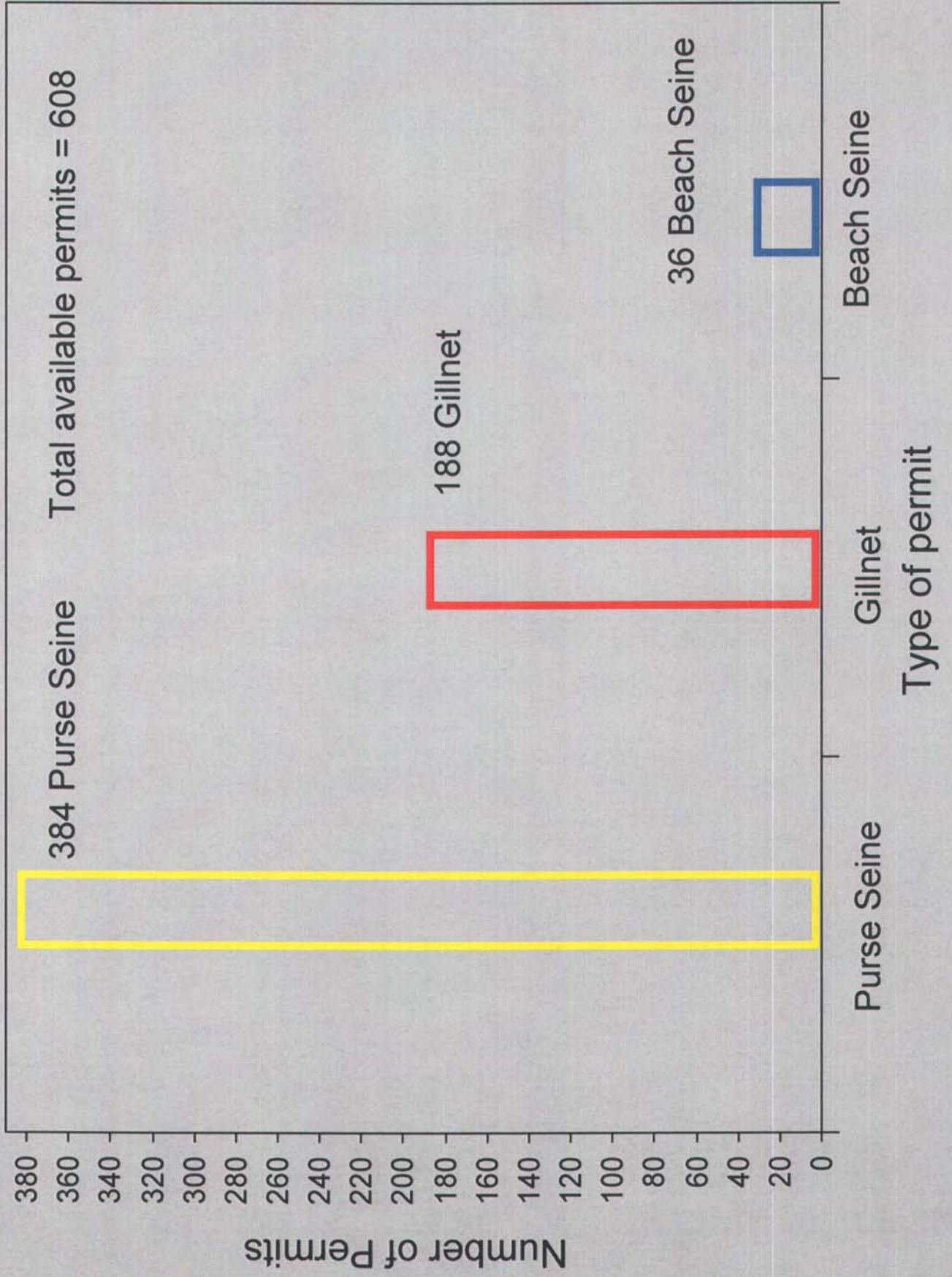
- Gillnet only areas

- Seine and Gillnet areas

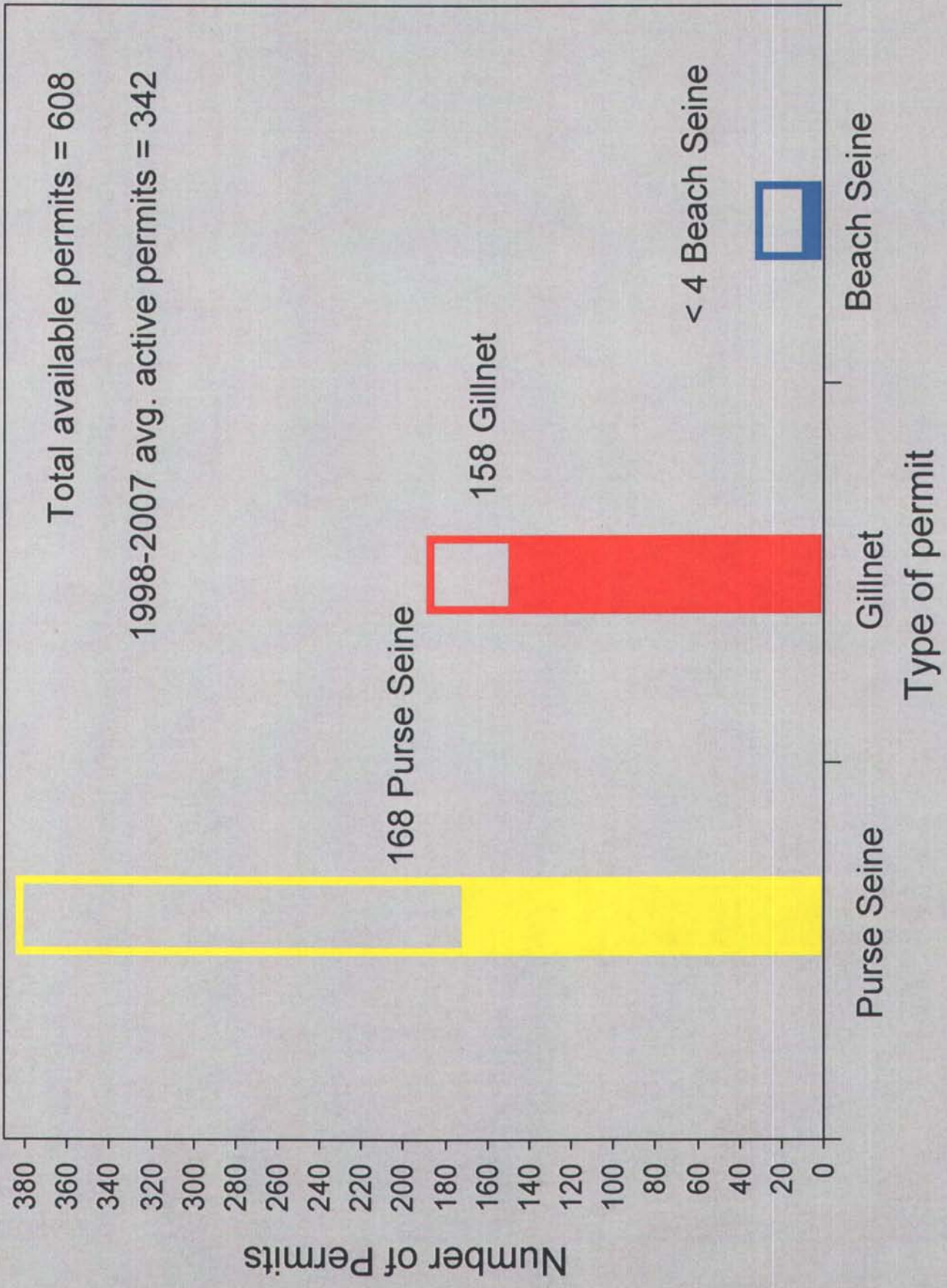


53 mi

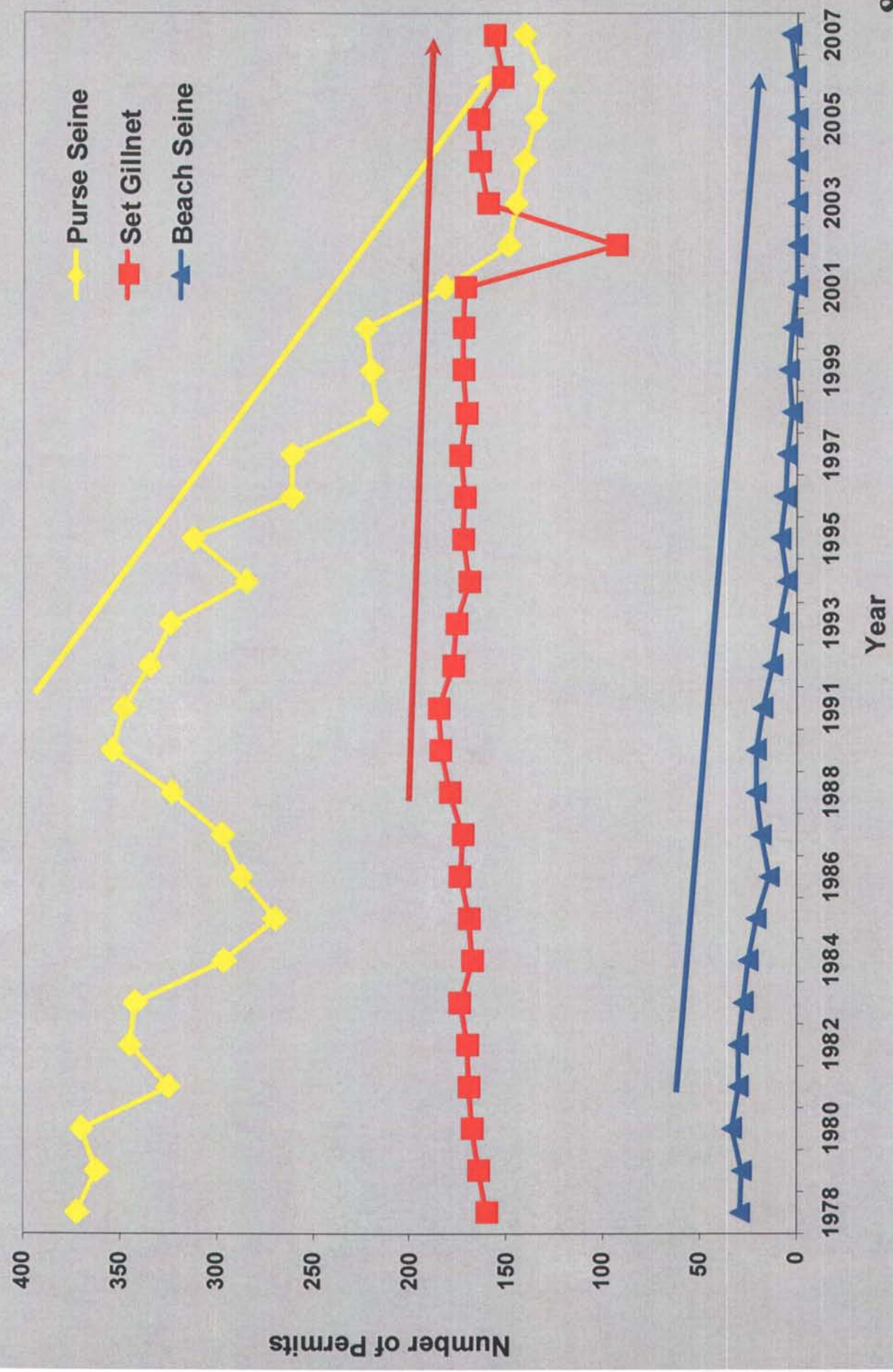
Kodiak Management Area commercial salmon permits



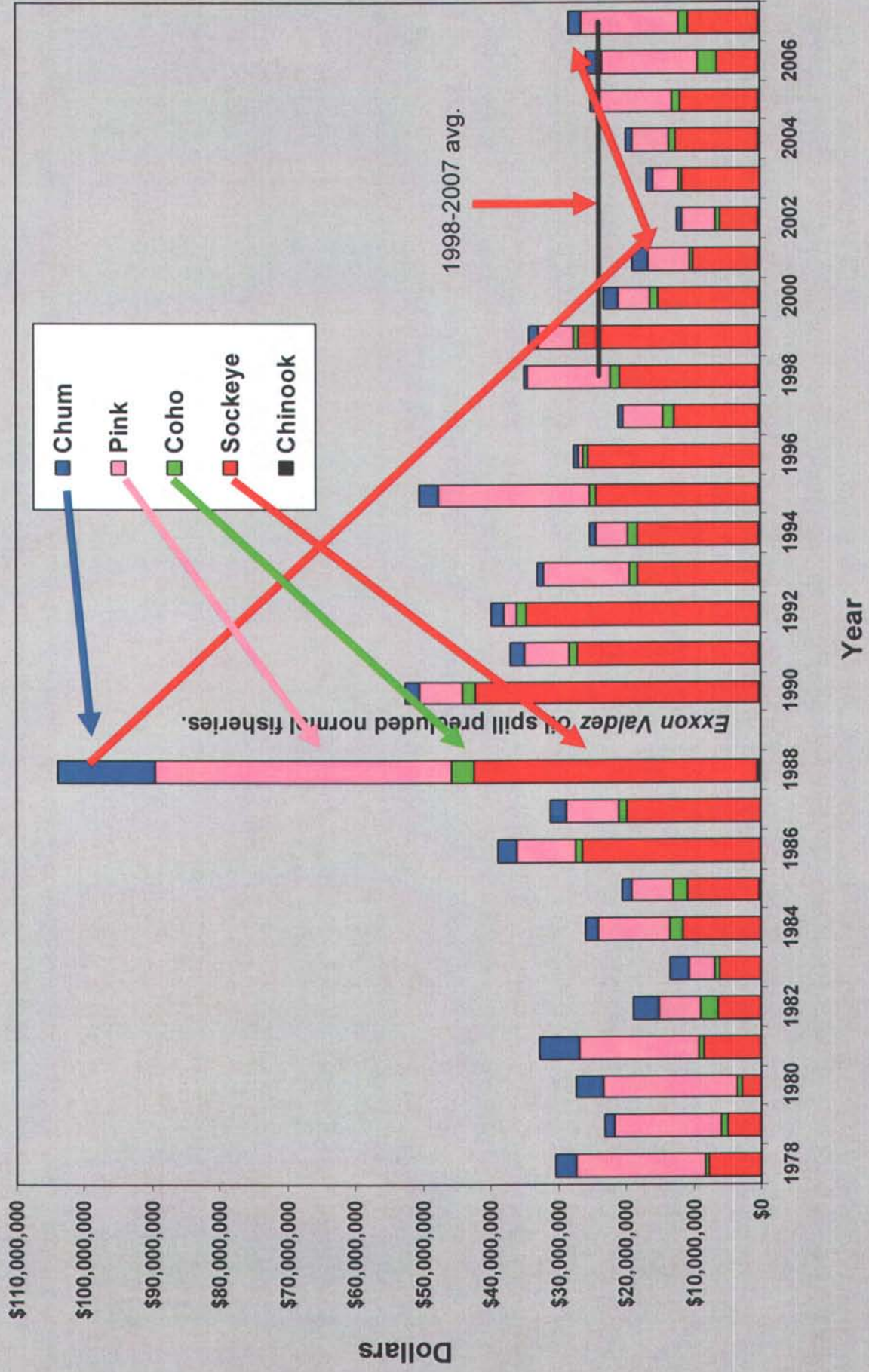
Kodiak Management Area commercial salmon permits

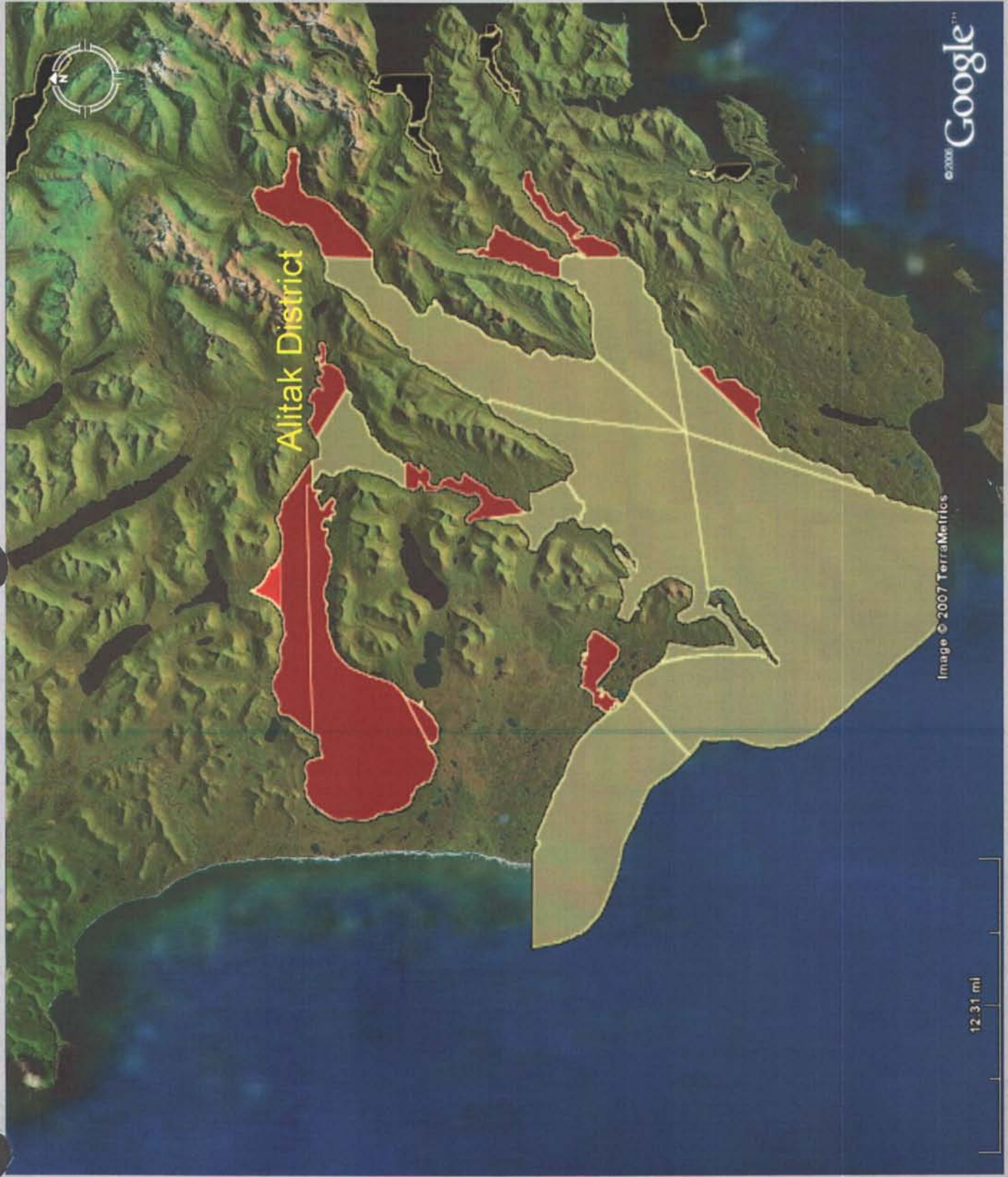


Number of Active (Fished) Commercial Salmon Permits



Exvessel value of the commercial salmon fishery, by species, in the Kodiak Management Area, 1978-2007



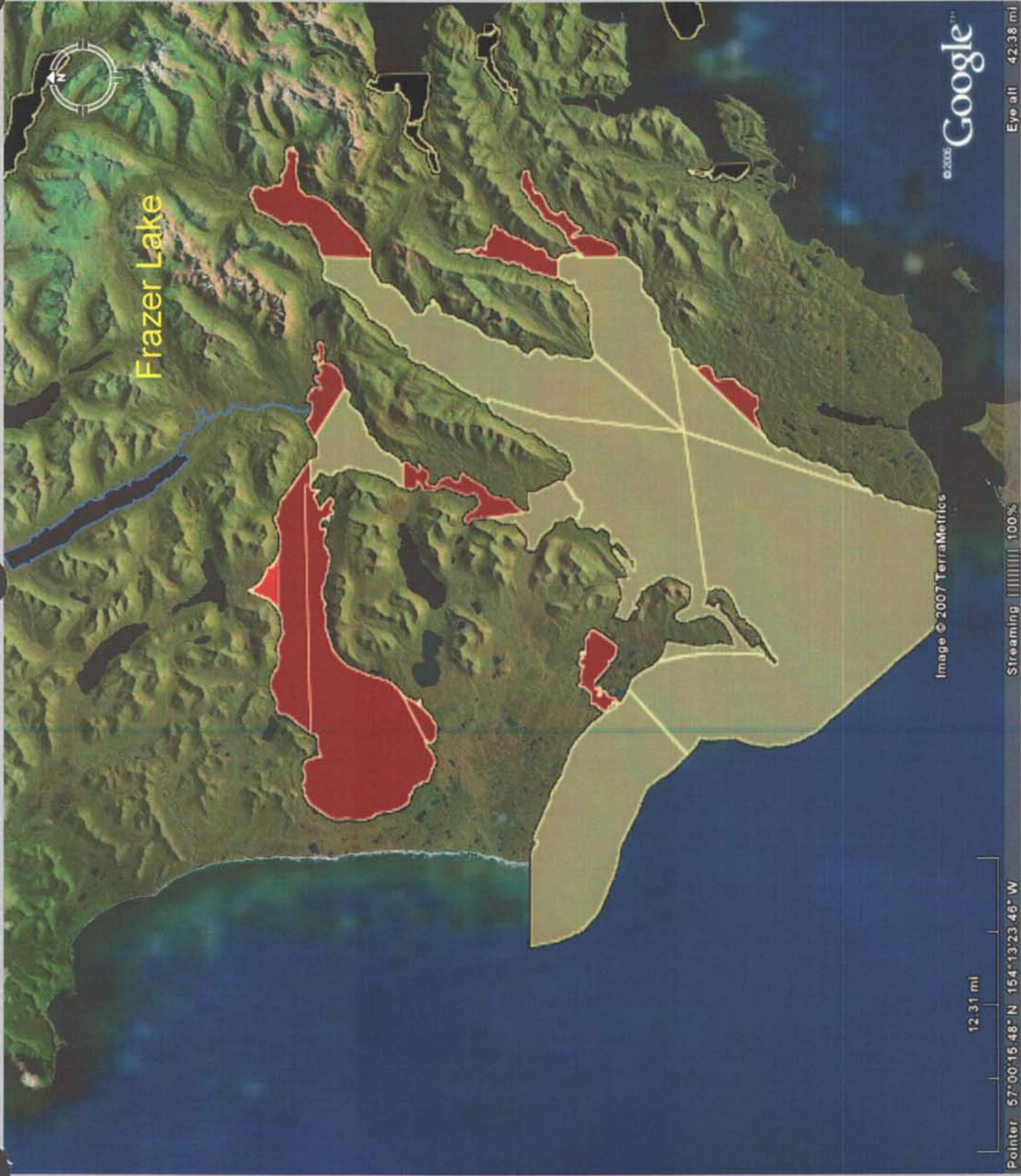


Alitak District

Image © 2007 TerraMetrics

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12.31 mi



Frazer Lake

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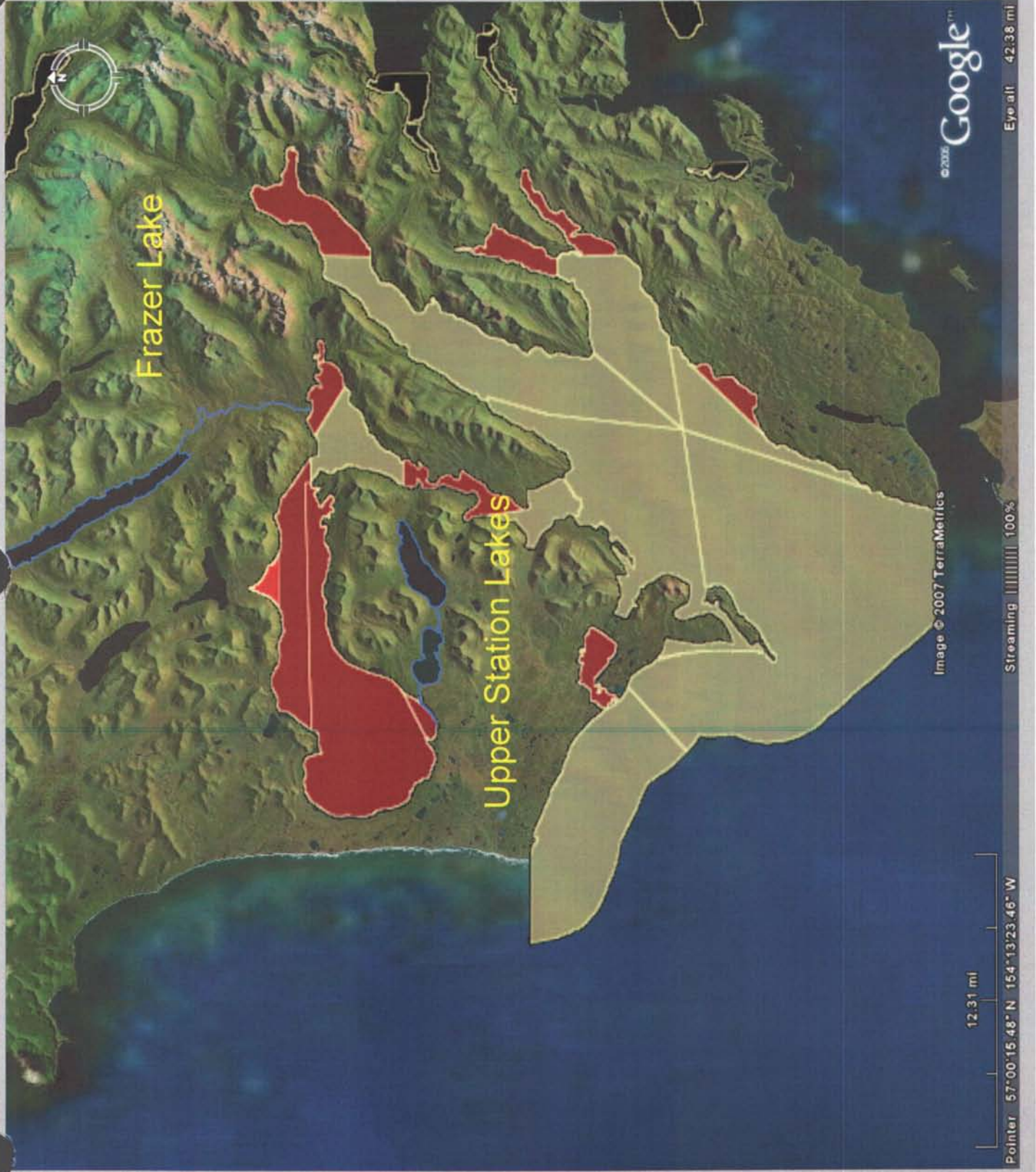
Eye alt 42.38 mi

Image © 2007 TerraMetrics

Streaming 100%

12.31 mi

Pointer 57°00'16.48" N 154°13'23.46" W



Frazer Lake

Upper Station Lakes

© 2006 Google™

Eye alt 42.38 mi

12.31 mi

Pointer 57°00'15.48" N 154°13'23.46" W

Image © 2007 TerraMetrics
Streaming 100%



Google

Image © 2007 TerraMetrics

14.19 mi



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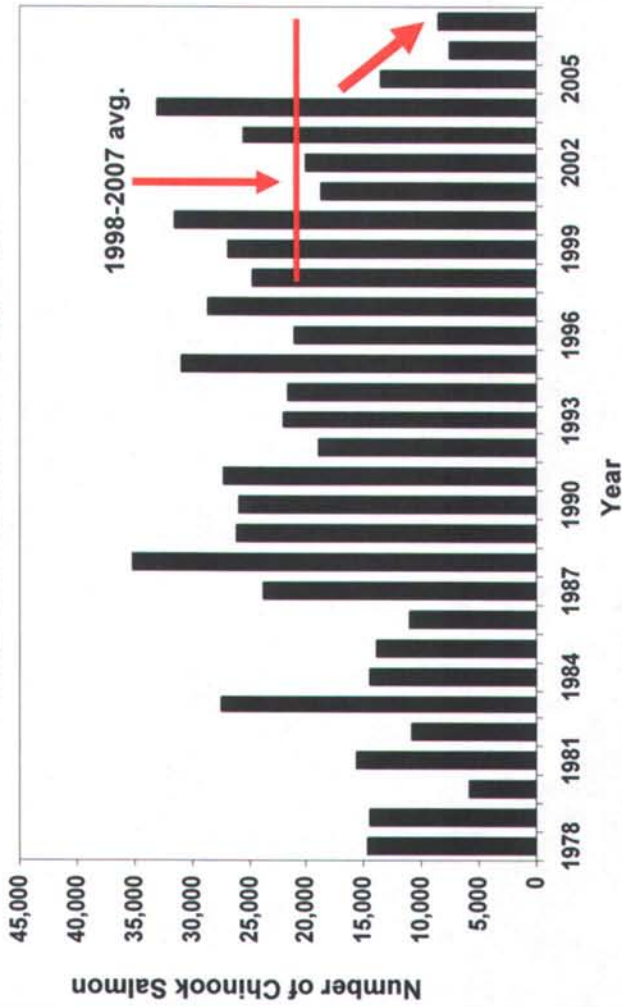
Image © 2007 TerraMetrics

14.19 mi





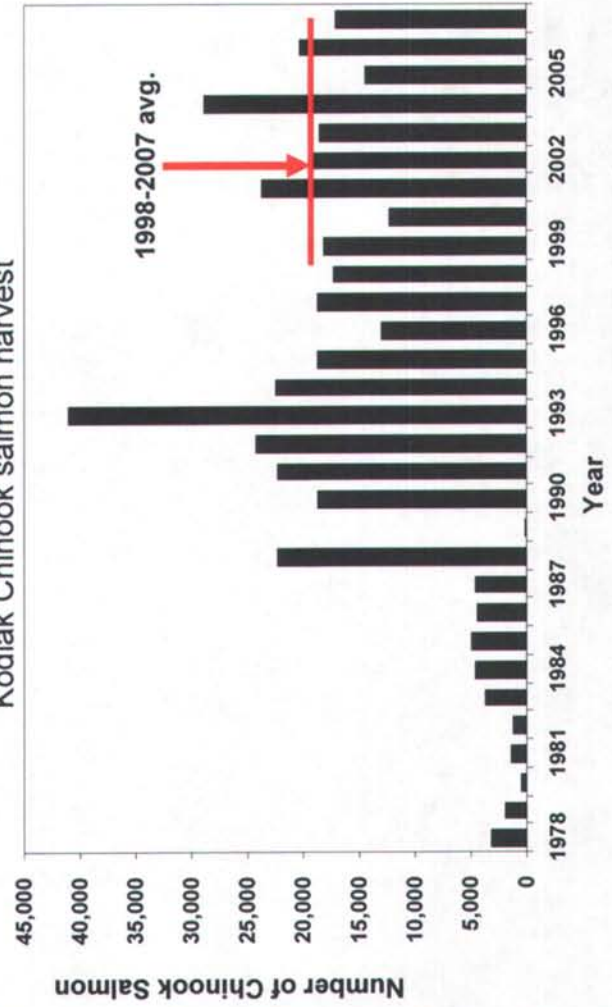
Kodiak Chinook salmon escapement



◆ **KODIAK CHINOOK SALMON ESCAPEMENT**

- ◆ 1998-2007 avg. 21,000
- ◆ Decline beginning in 2005
- ◆ Lowest levels since 1980s

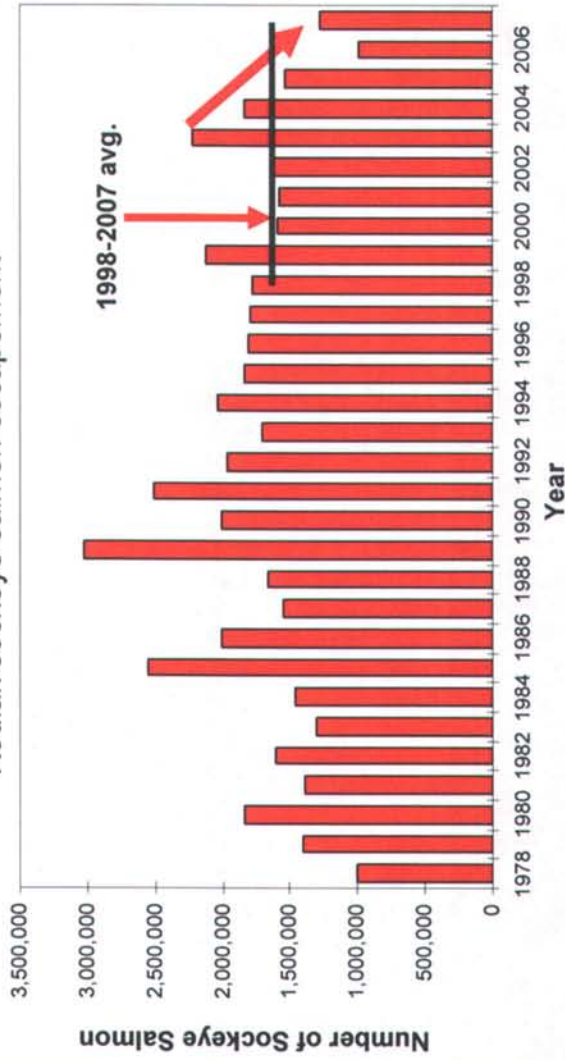
Kodiak Chinook salmon harvest



◆ **KODIAK CHINOOK SALMON HARVEST**

- ◆ Harvests increased beginning in late 1980s
- ◆ 1998-2007 avg. 19,000

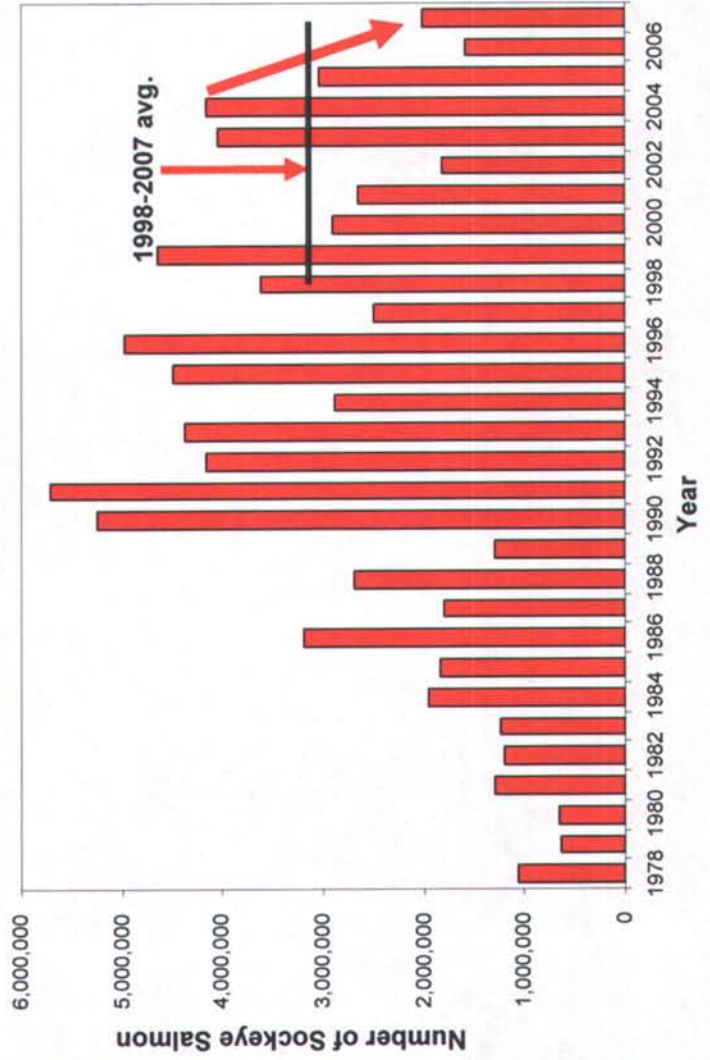
Kodiak sockeye salmon escapement



◆ **KODIAK SOCKEYE SALMON ESCAPEMENT**

- ◆ Decline in escapements since 2004
- ◆ 1998-2007 avg. 1,650,000

Kodiak sockeye salmon harvest

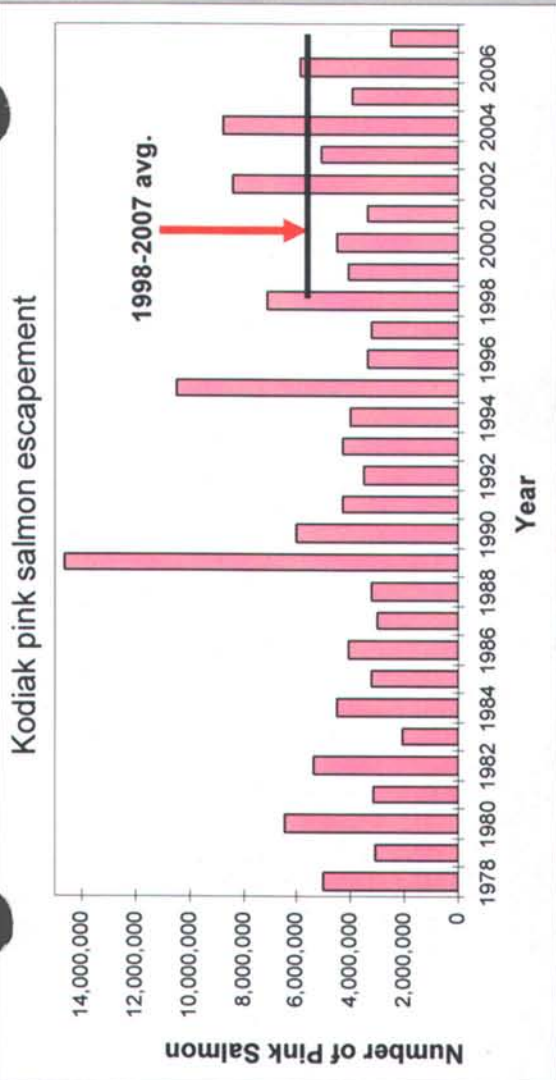


◆ **KODIAK SOCKEYE SALMON HARVEST**

- ◆ Decline in harvest since 2004
- ◆ 1998-2007 avg. 3,000,000

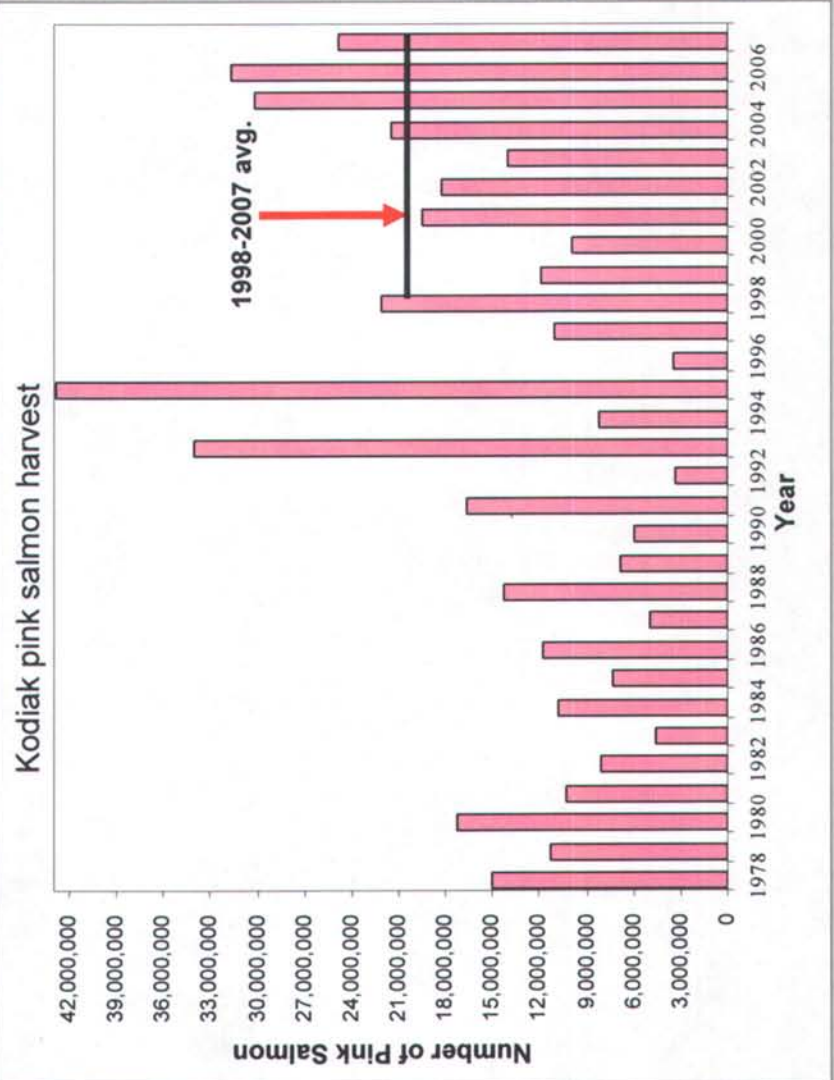
KODIAK PINK SALMON ESCAPEMENT

- ◆ **Variable; Odd- versus Even-Year Production**
- ◆ **1998-2007 avg. 5,400,000**

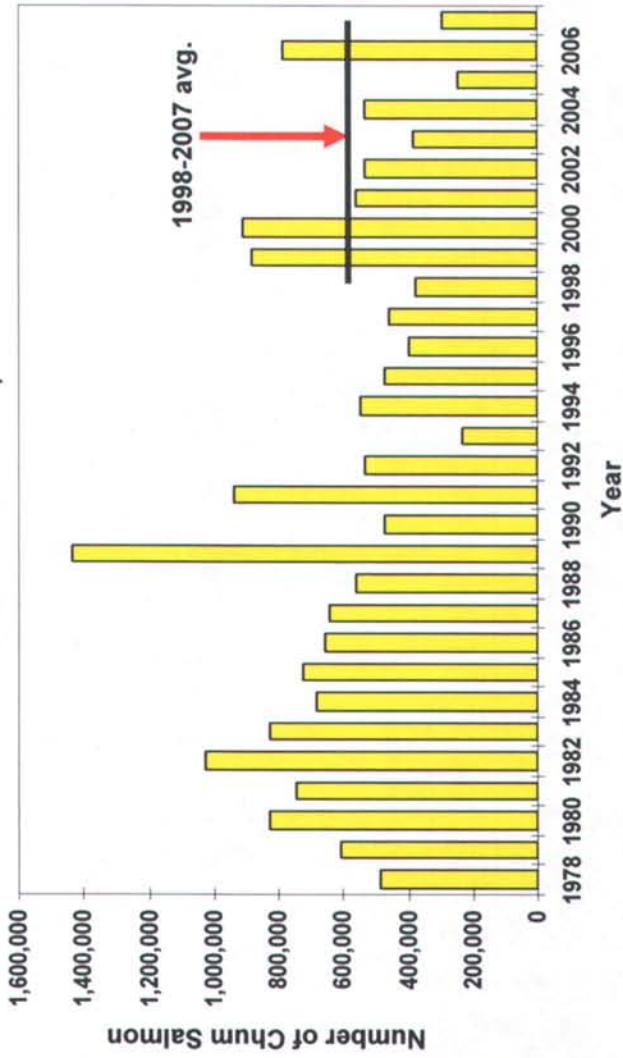


KODIAK PINK SALMON HARVEST

- ◆ **Recent high levels 2004-2007**
- ◆ **1998-2007 avg. 20,400,000**



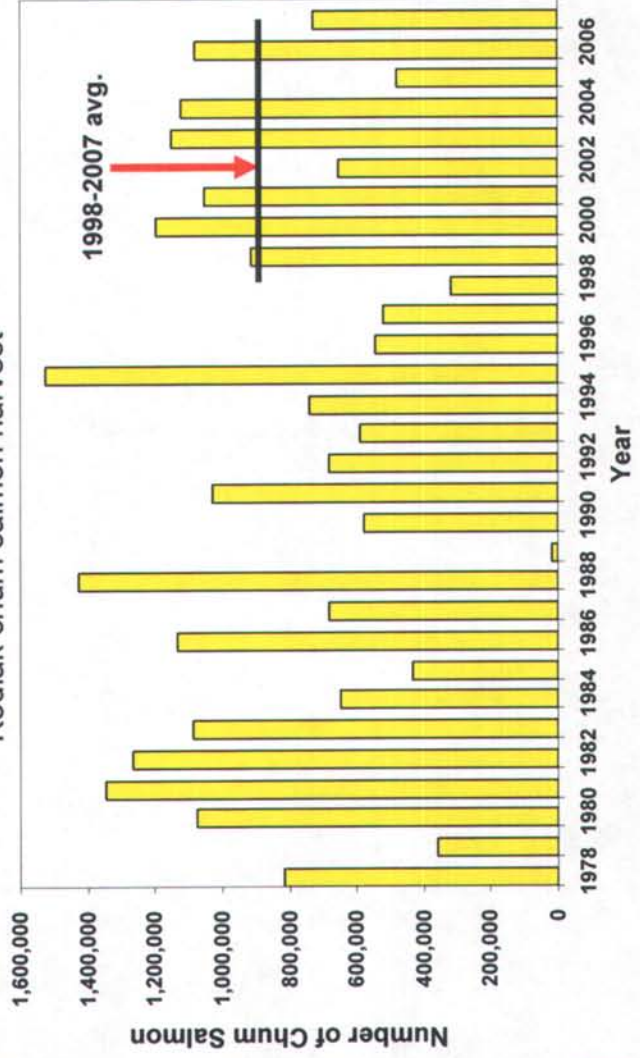
Kodiak chum salmon escapement



◆ **KODIAK CHUM SALMON
ESCAPEMENT**

◆ 1998-2007 avg. 550,000

Kodiak chum salmon harvest

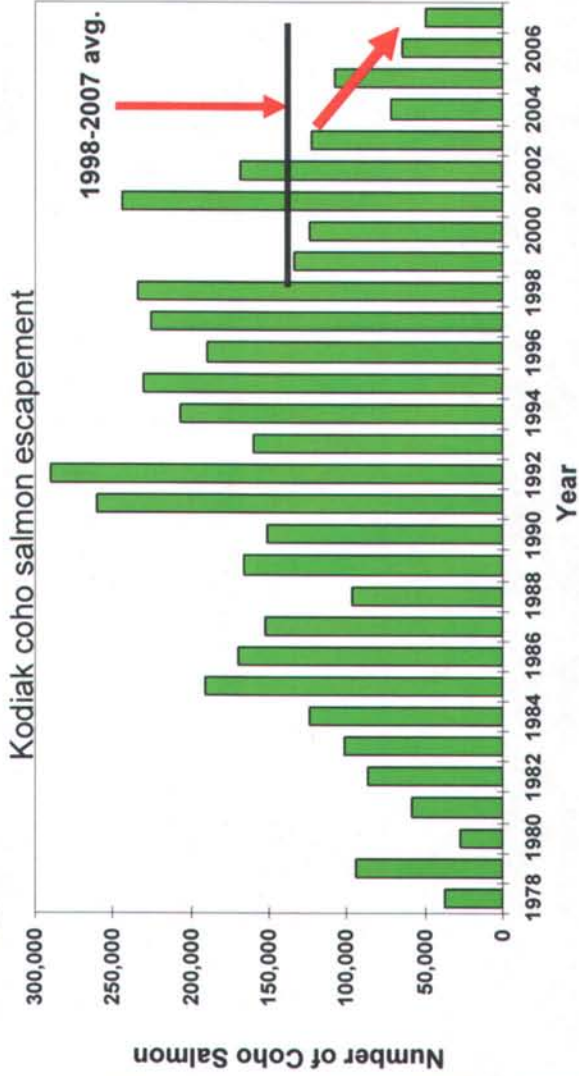


◆ **KODIAK CHUM SALMON
HARVEST**

◆ 1998-2007 avg. 869,000

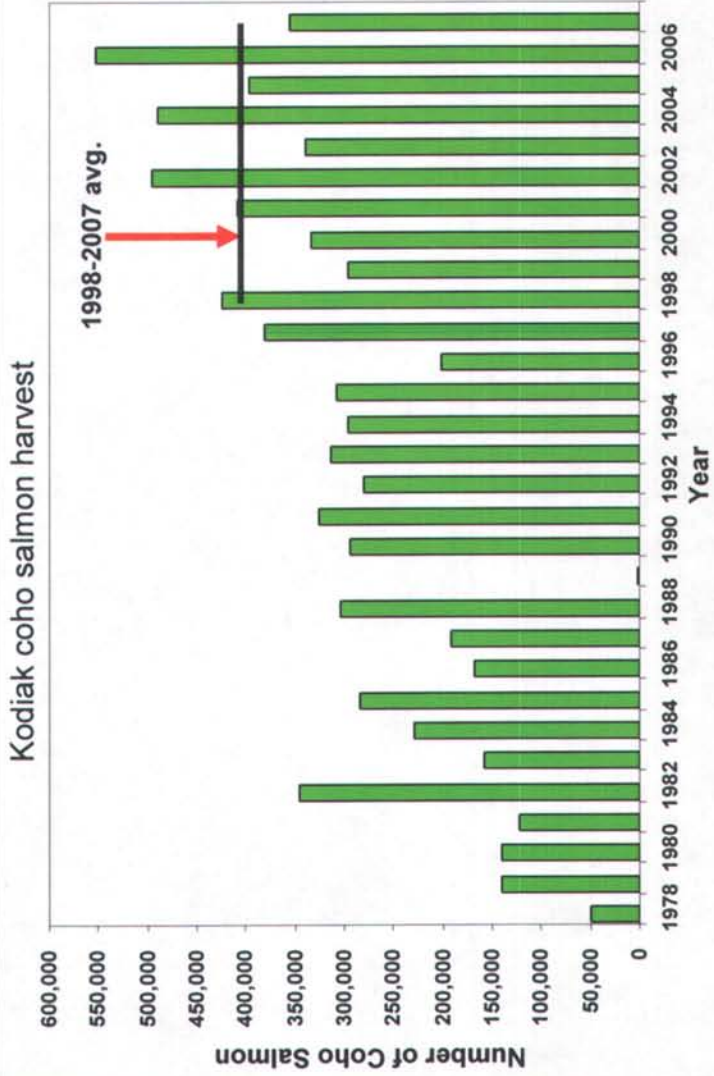
KODIAK COHO SALMON ESCAPEMENT

- ◆ 1998-2007 avg. 132,000
- ◆ Recent years well below the 1998-2007 average



KODIAK COHO SALMON HARVEST

- ◆ Record harvest in 2006 due to increased interest with late season coho.
- ◆ 1998-2007 avg. 409,000



Proposals to be discussed in Committees B and C

Committee B – KMA Herring, Subsistence and General Salmon

- Proposals 44 – 45 Subsistence issues
 - Proposal 44 would limit subsistence gear to one half the wetted width of a freshwater stream.
 - Proposal 45 would eliminate the harvest limits on subsistence salmon permits in a portion of the Kodiak Management Area.
 - ADFG submitted and supports these proposals

Committee B – KMA Herring, Subsistence and General Salmon

- Proposals 46 – 50 Boundary line corrections, placing closed waters into regulation, and allowing earlier practice sets for seine gear
 - ADFG submitted and supports these proposals

Committee B – KMA Herring, Subsistence and General Salmon

- Proposal 58 Gillnet specifications and operation. This proposal would allow a set gillnet fisherman to own and operate two CFEC permits.
 - ADFG is NUETRAL on the allocative aspects of this proposal.

Committee B – KMA Herring, Subsistence and General Salmon

- Proposal 59 This proposal would allow the use of power and/or hand trolls as legal commercial salmon gear in the Kodiak Management Area.
 - ADFG is NEUTRAL on the allocative aspects of this proposal. The department is OPPOSED to this proposal, until such time as the potential increase in gear and effort, the uncertainty of effects of such a fishery on local and non-local stocks are more fully explored and addressed, and the complexity of the effects of this proposal with regard to the Pacific Salmon Treaty is addressed.

Committee C – KMA Commercial Salmon- Westside, Shelikof, and Alitak Management

- Proposal 51 and 52 Westside Kodiak Salmon Management Plan not allowing a commercial fishery until after June 15.
 - Department OPPOSES these proposals due to biological concerns of sockeye salmon overescapement into the Karluk system.

Committee C – KMA Commercial Salmon- Westside, Shelikof,
and Alitak Management

- Proposal 53 recommends changing the Cape Igvak Sections 15% allocation of the total Chignik Area bound sockeye salmon harvest to a 19.0% allocation of the Chignik Area sockeye salmon harvest.
- ADFG is NUETRAL on the allocative aspects of this proposal.

Committee C – KMA Commercial Salmon- Westside, Shelikof, and Alitak Management

- PROPOSALS 54 and 55 North Shelikof Strait sockeye salmon management plan.
 - ADFG is NUETRAL on the allocative aspects of these proposals. However, the department is OPPOSED to unusually complicated and burdensome management plans and is OPPOSED to regulations based on preseason forecasts.

Questions?