

Kodiak Management Area Herring Fisheries

by
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Report to the Alaska Board of Fisheries

January 2008

Oral Report: RC 2; Tab 5

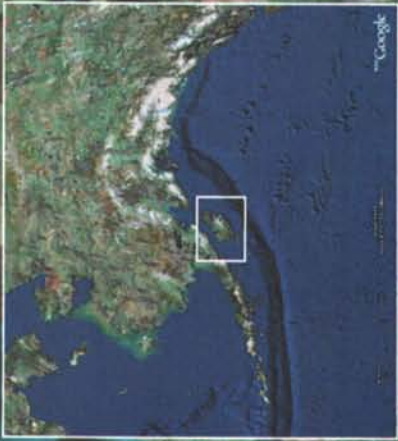
Written Report: RC 2; Tab 16

Staff Comments: RC 2; Tab 25

Topics to be Covered

- 1) Description of the Kodiak Management Area
- 2) Summary of herring fisheries
 - Sac roe fishery
 - Food and bait fishery
- 3) Herring proposals

Kodiak Management Area



Cape Douglas

Afognak Island

Shelikof Strait

Kodiak Island

Kilokak Rocks

6.3 mi

Image NASA
Image © 2007 TerraMetrics

Kodiak Management Area



Danger Bay

Uganik Bay

Uyak Bay

Alitak Bay

Eastside

63 mi

Image NASA
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Sac Roe Fishery Regulations

Season: April 15 to June 30

Gear: Purse seines and gillnets

seine depth: 18 fathoms

seine length: 100 fathoms

gillnet depth: 230 meshes

gillnet length: 150 fathoms aggregate

Sac Roe Fishery Harvest Strategy

In 2000, an allocative harvest strategy was implemented by the Board of Fisheries;

- 75% of Guideline Harvest Level (GHL) to the purse seine fleet
- 25% of GHL to gillnet fleet
- Separate gear areas for purse seines and gillnets

KMA Districts



2007 Sections



- Purse Seine
- Gillnet
- Combined
- Exploratory

50 mi

Image © NASA
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2007 Sac Roe Season

GHL: 4,000 tons

Purse seine: 2,915 tons (72.9%)

Gillnet: 1,085 tons (27.1%)

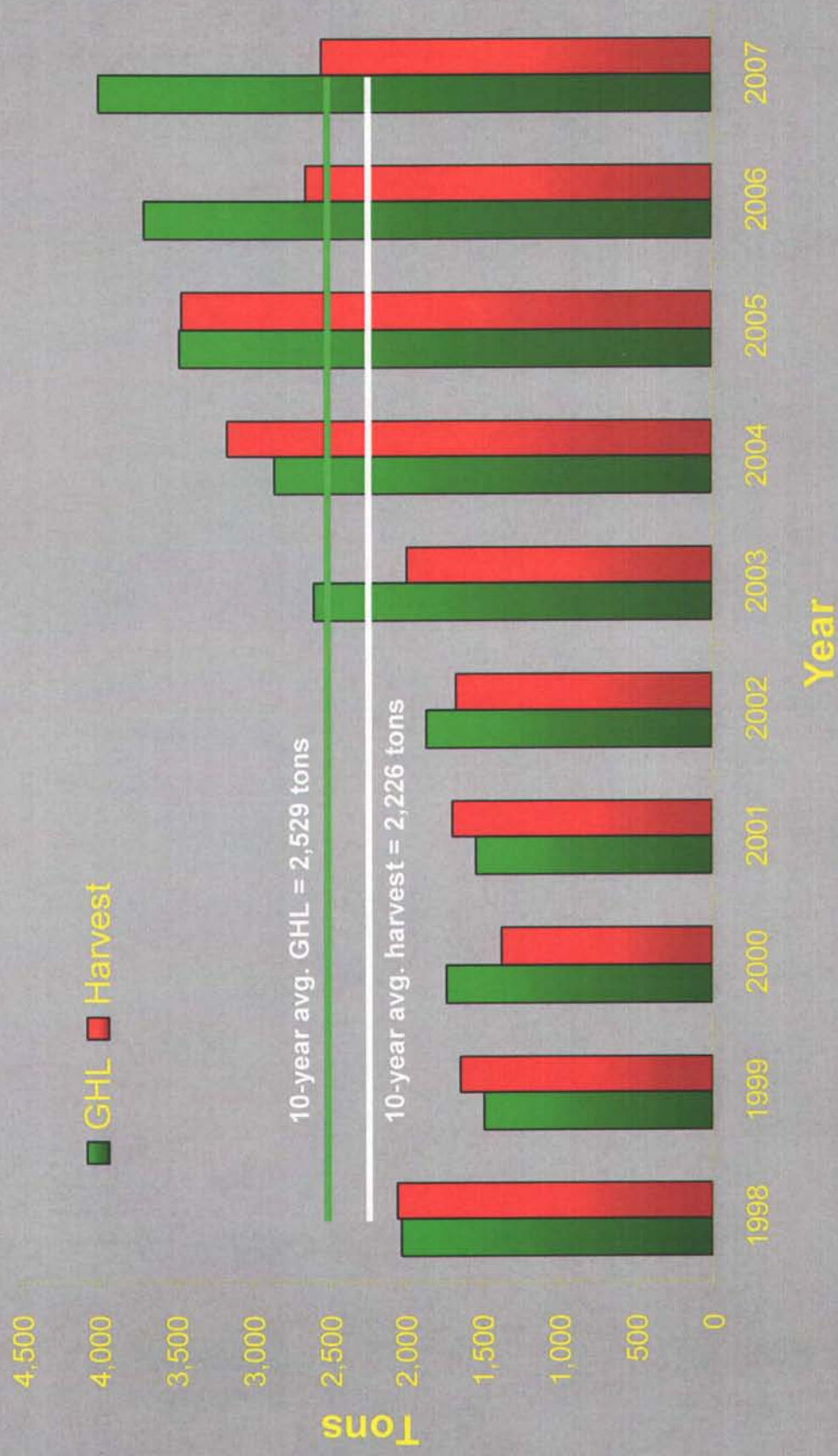
Harvest: 2,546 tons

Purse seine: 2,510 tons (98.6%)

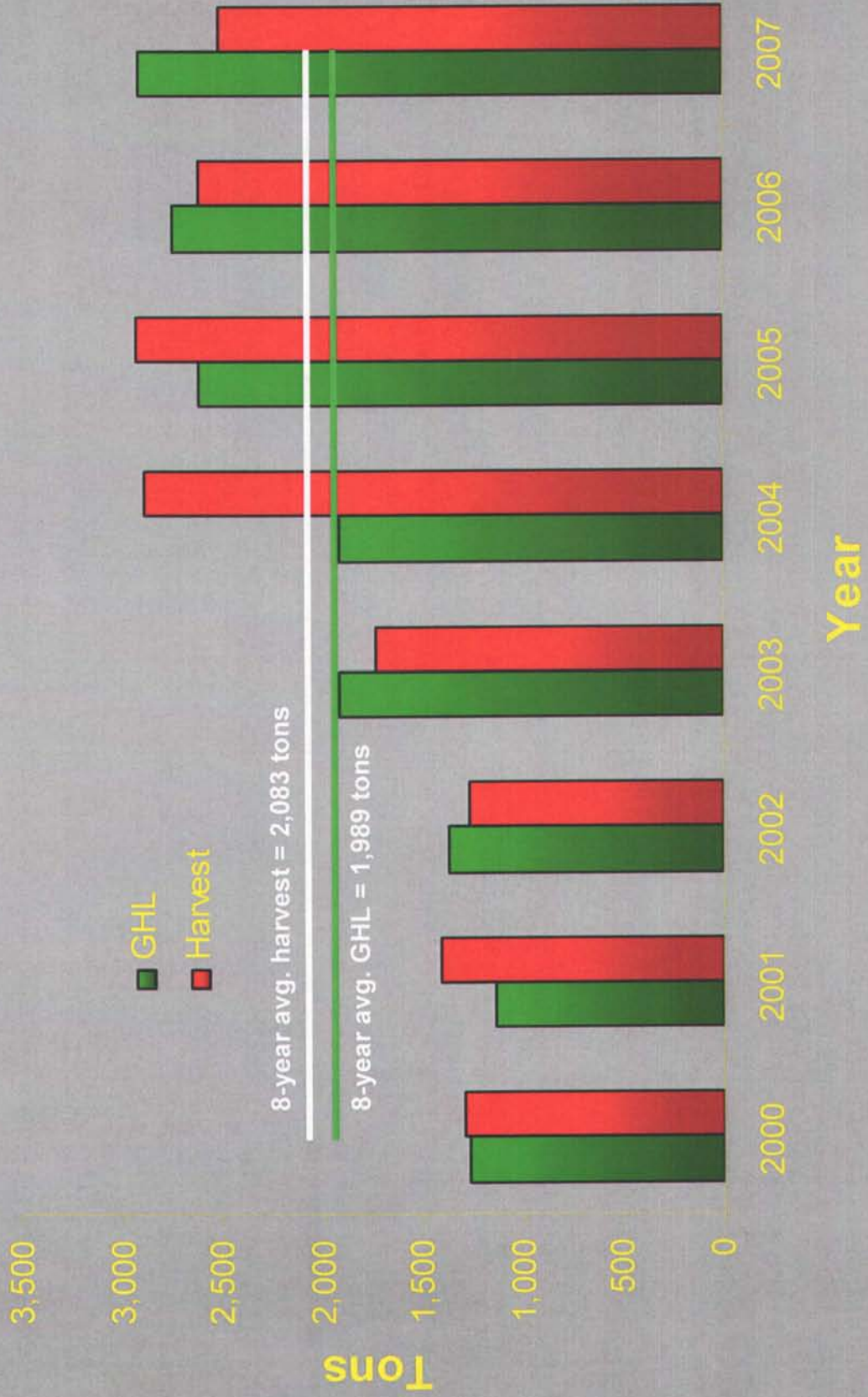
Gillnet: 36 tons (1.4%)



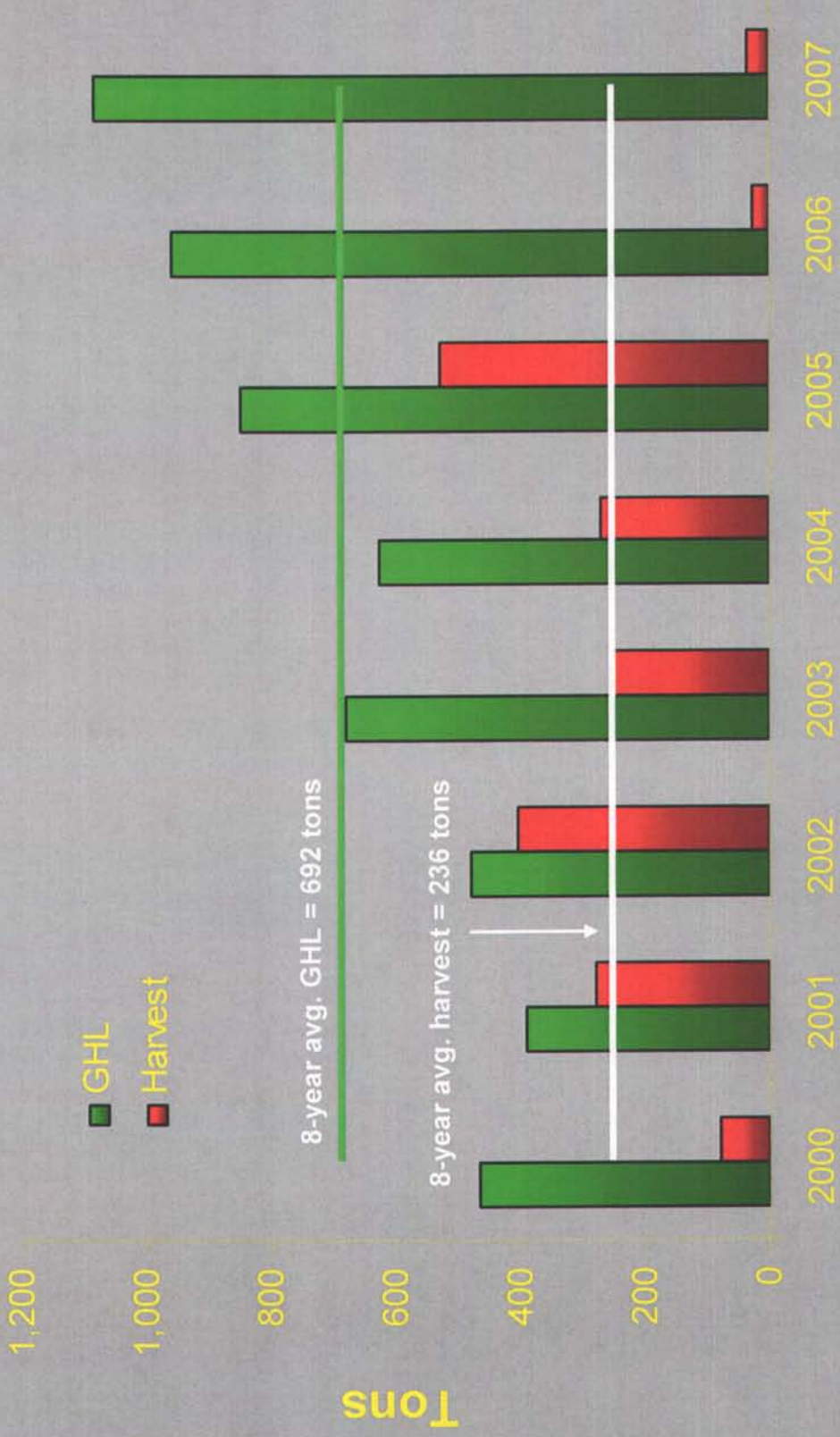
GHLs vs. Harvests, 1998-2007



Purse Seine GHGs vs. Harvests, 2000-2007

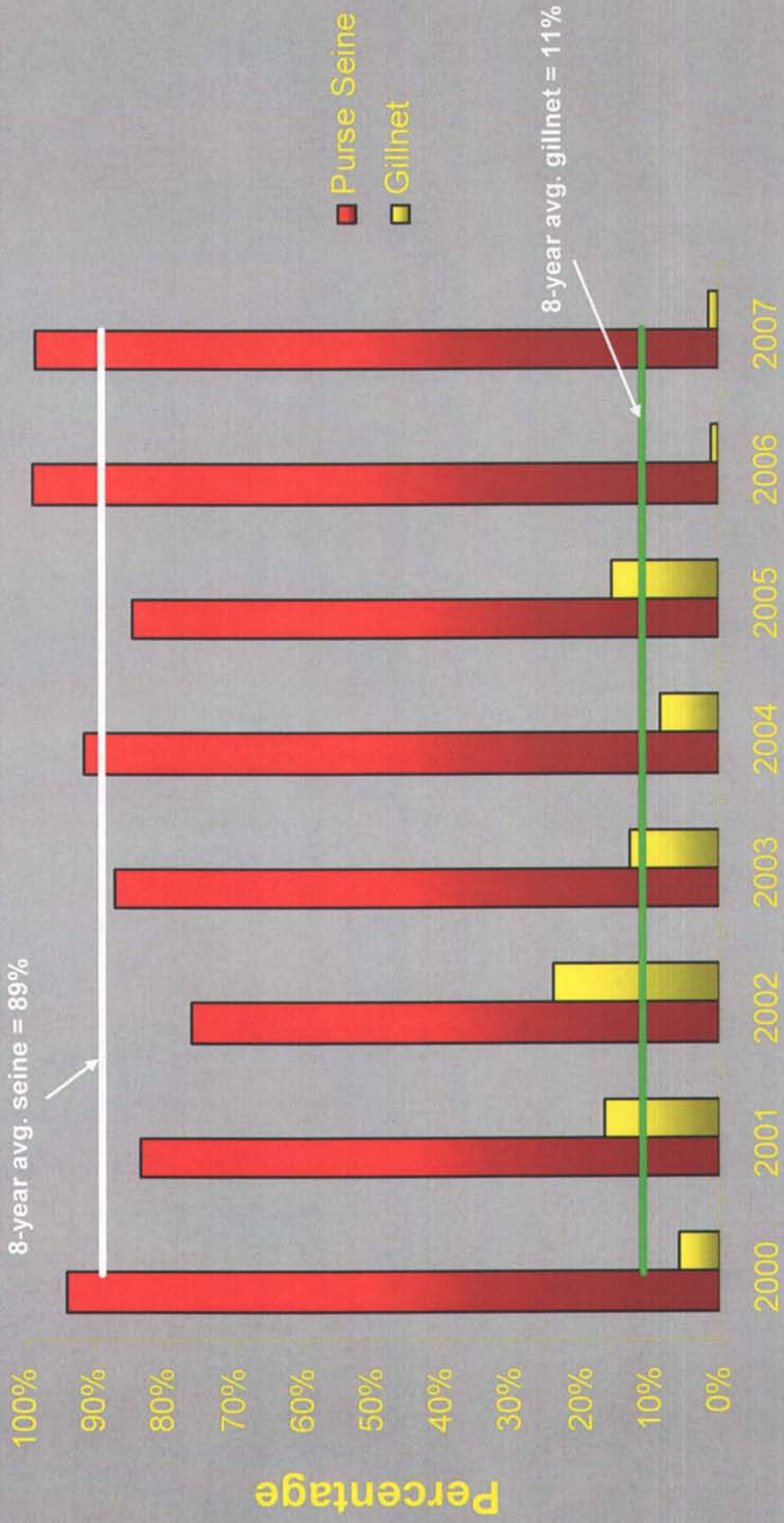


Gillnet GHGs vs. Harvests, 2000-2007



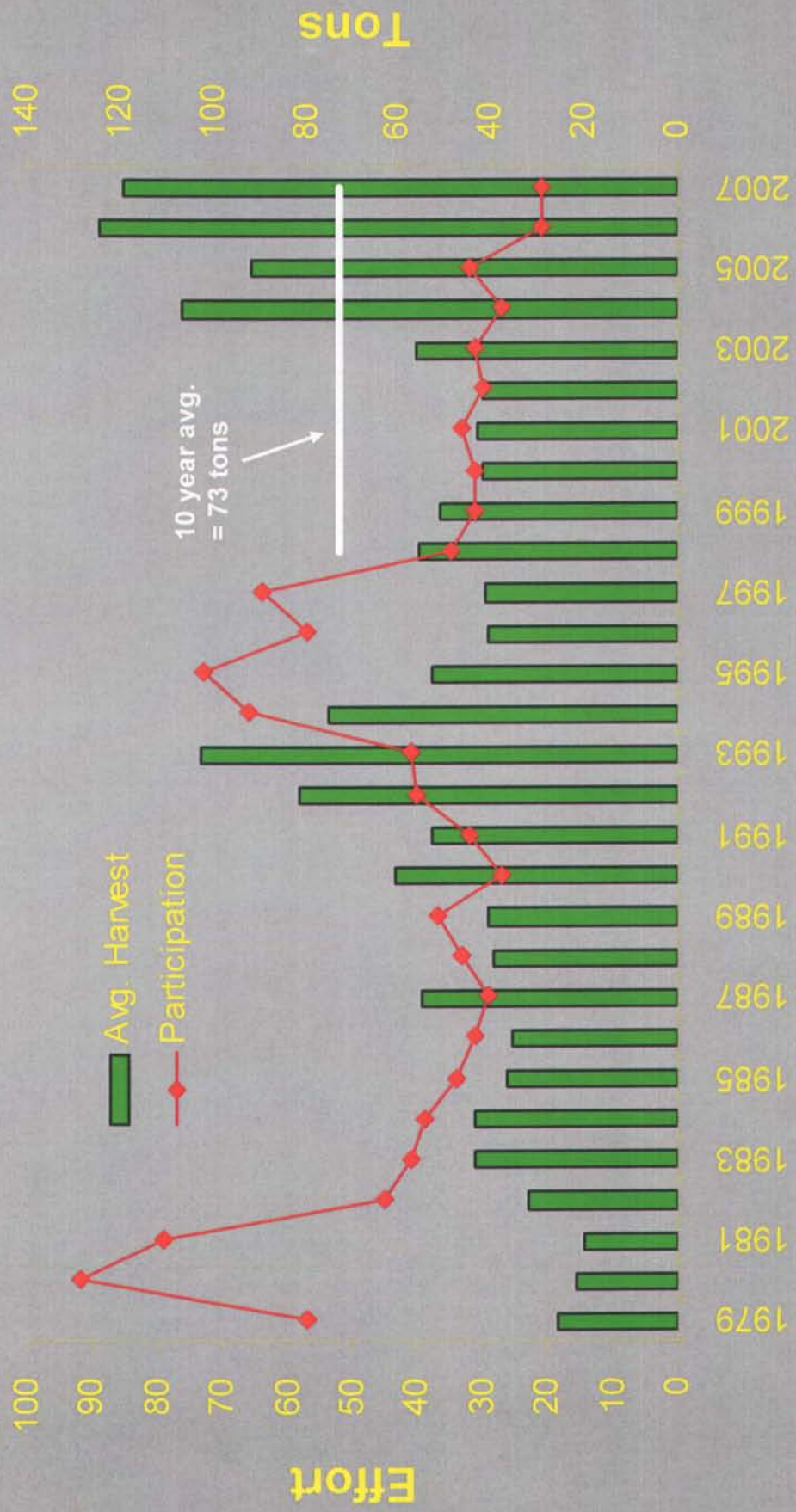
Year

Percentage of Harvest by Gear Type, 2000-2007

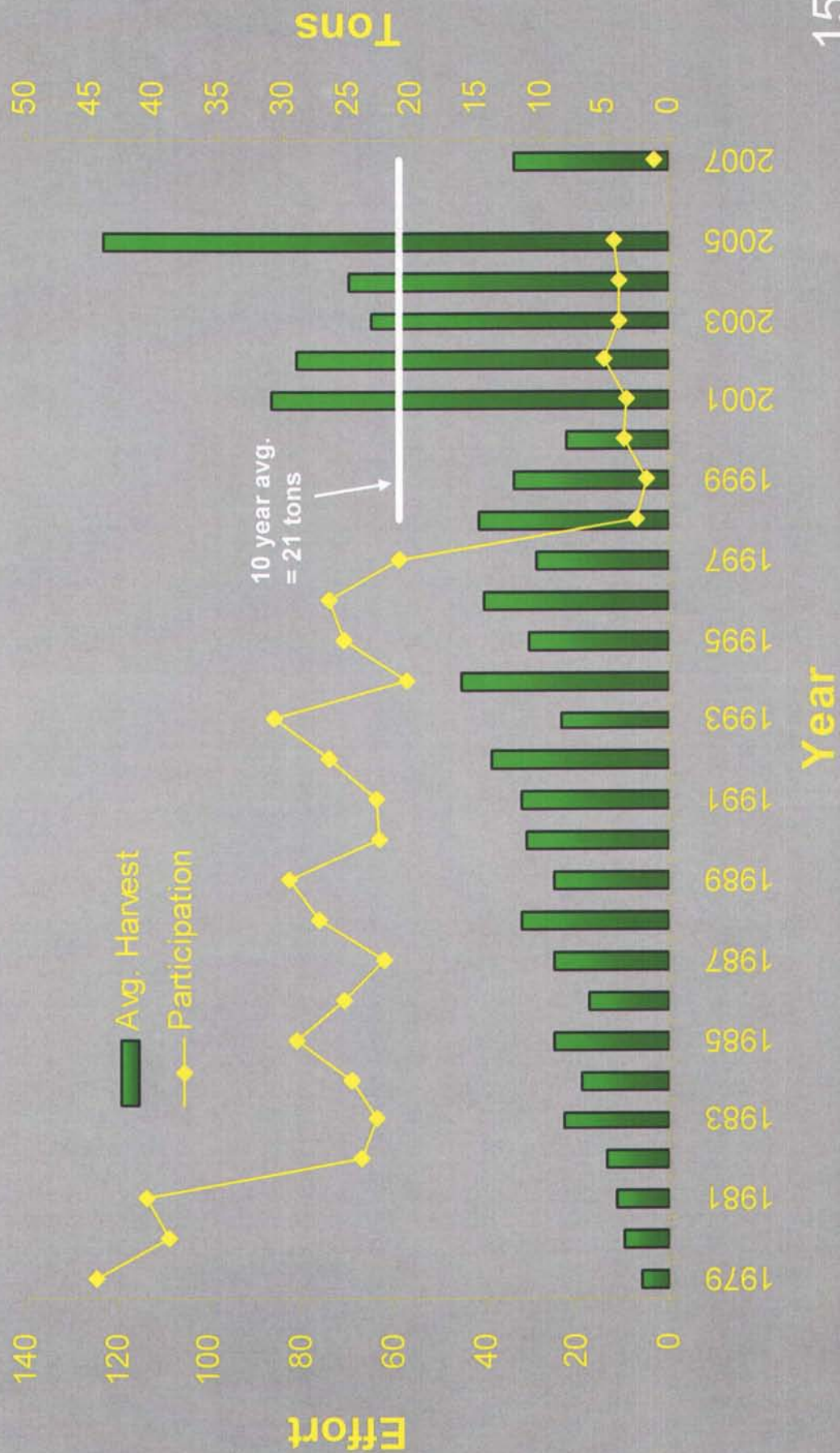


Year

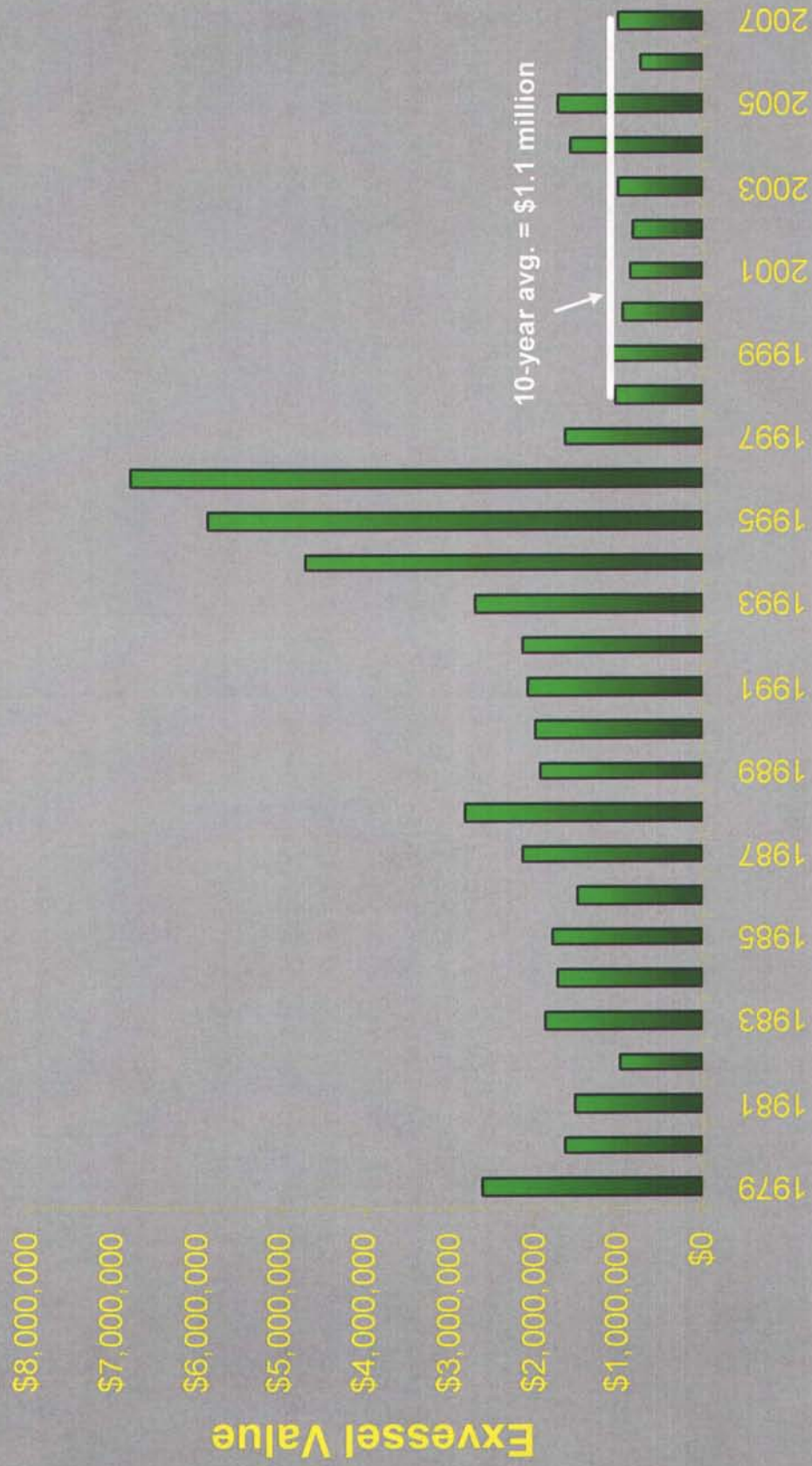
Purse Seine Participation and Average Harvests, 1979-2007



Gillnet Participation and Average Harvests, 1979-2007

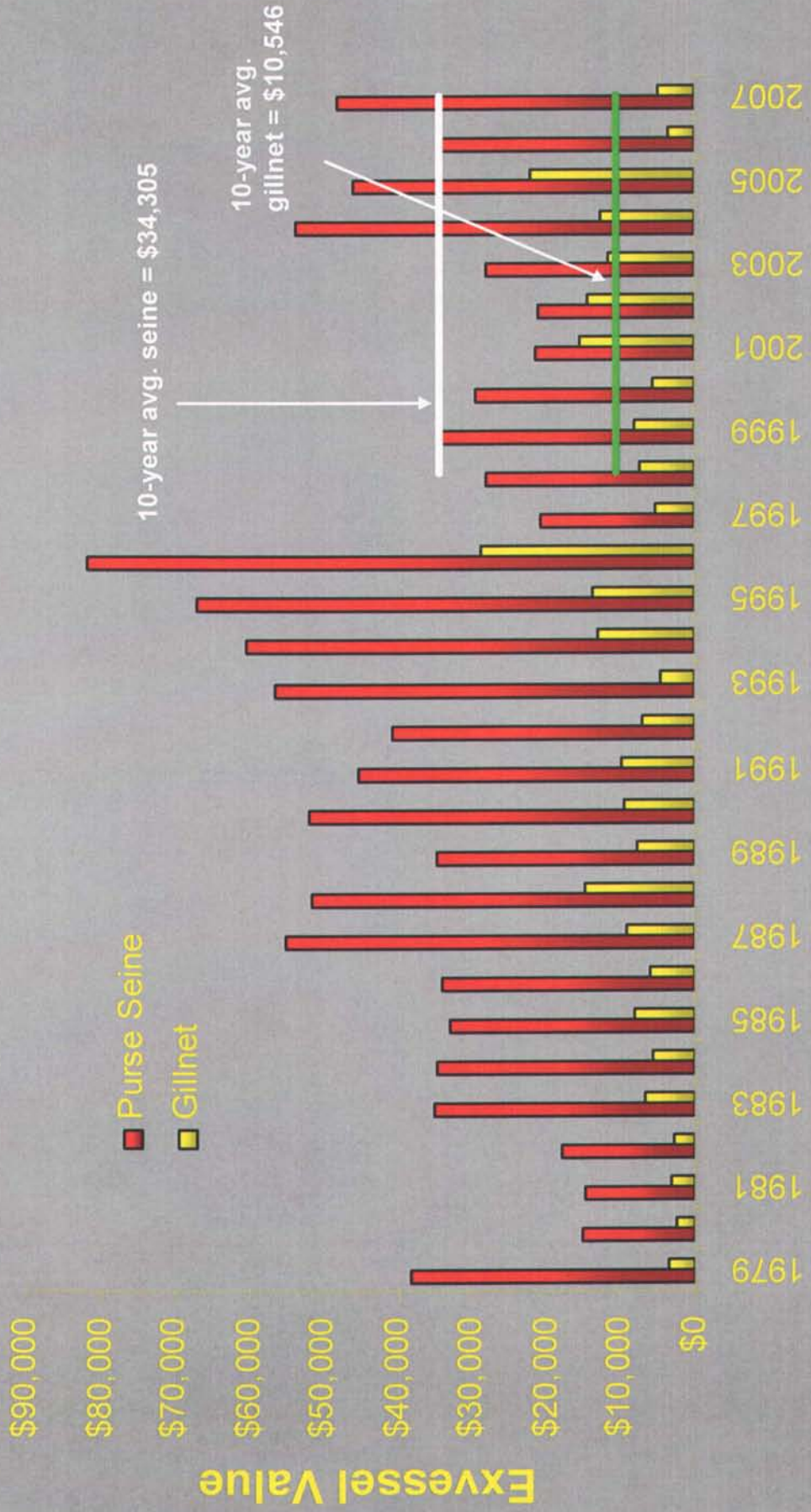


Exvessel Value, 1979-2007



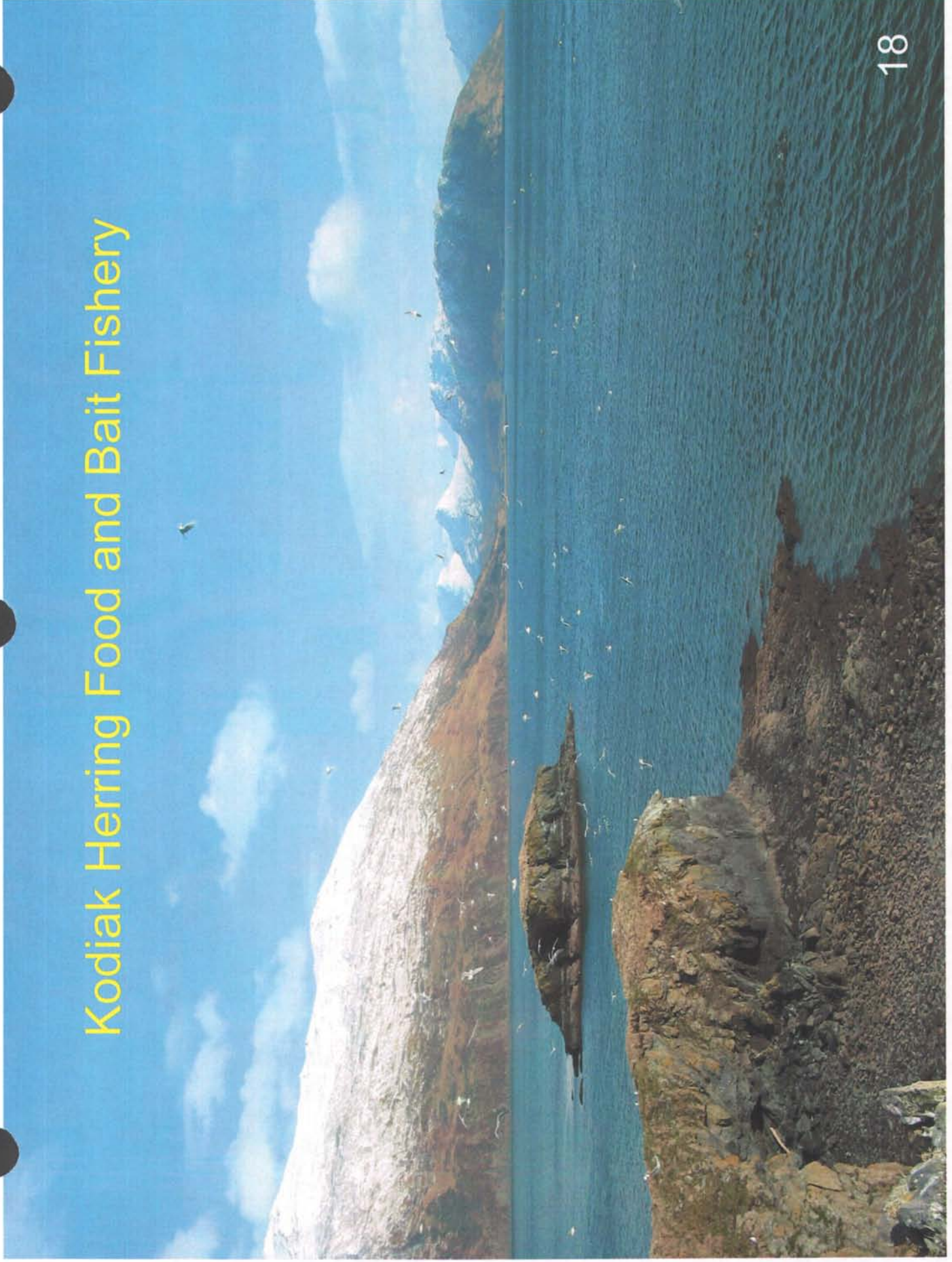
Year

Average Exvessel Value per Permit Holder, by Gear Type, 1979-2007



Year

Kodiak Herring Food and Bait Fishery



Kodiak Herring Food and Bait Fishery

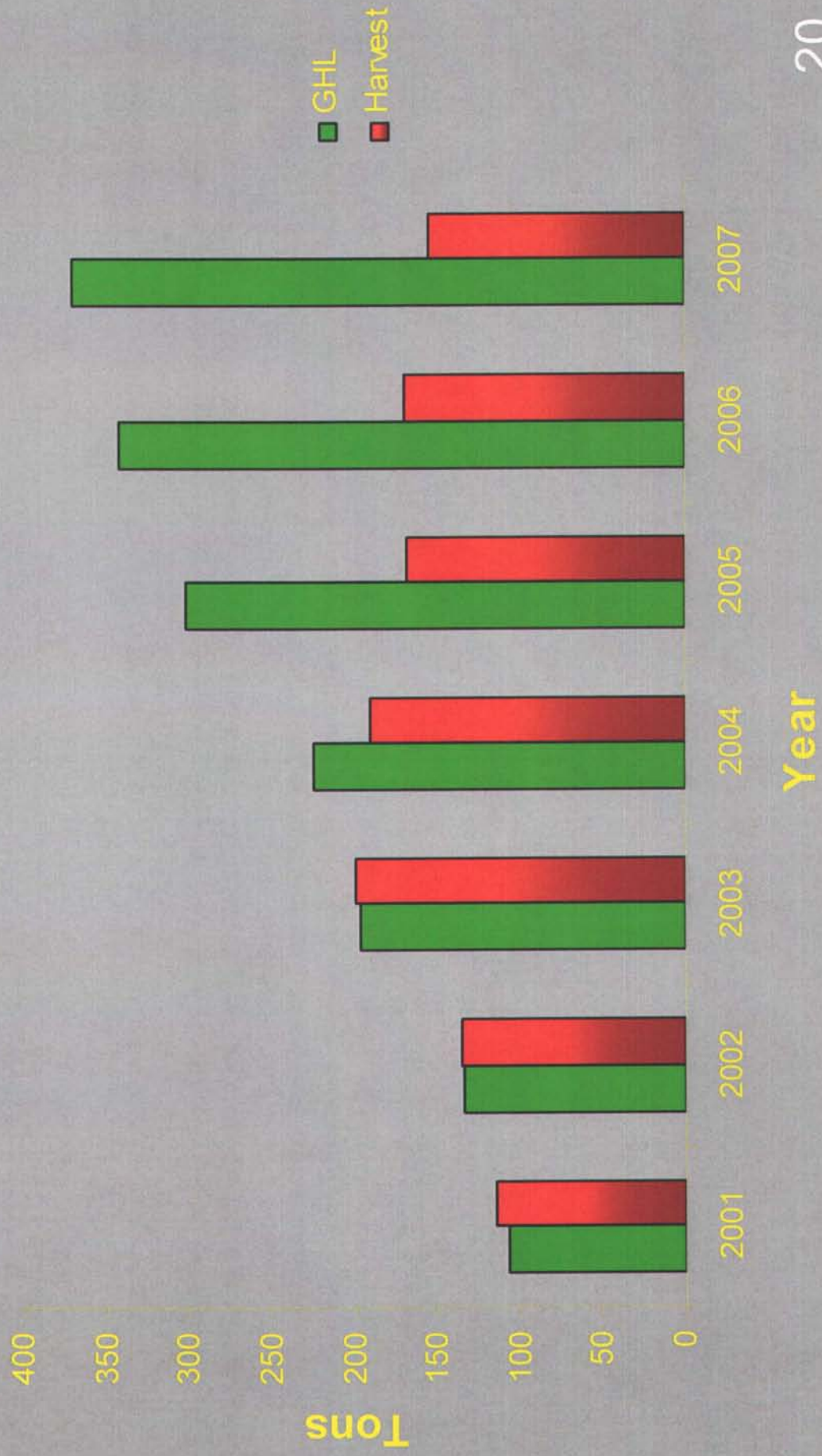
Season: September 1 through February 28

Gear: 5 purse seine/gillnet permits, 4 trawl permits

GHLs: 10% of sac roe GHLs by district

Combine fisheries from 2001 - 2007

Herring Food and Bait GHILs vs. Harvests, 2001-2007



2007 Food and Bait Districts and GHLS

Uganik District
179 ton GHLS



36.9 mi

Image NASA
Image © 2007 TerraMetrics

2007 Food and Bait Districts and GHLS



Eastside District
106 ton GHLS

36.9 mi

Image NASA
Image © 2007 TerraMetrics

2007 Food and Bait Districts and GHLS



Alitak District
45 ton GHIL

36.9 mi

Image NASA
Image © 2007 TerraMetrics

2007 Food and Bait Districts and GHLS



Uyak District
40 ton GHLS



36.9 mi

Image NASA
Image © 2007 TerraMetrics

Kodiak Herring BOF Proposals



Kodiak Herring BOF Proposals

- Proposal 41 Redefine section lines in the Alitak District
ADF&G: supports
- Proposal 42 Suspend the current management plan until more gillnet fishermen participate in the fishery
ADF&G: neutral/opposed
- Proposal 43 Reduce seine gear depth and length in low quota situations
ADF&G: neutral/opposed

