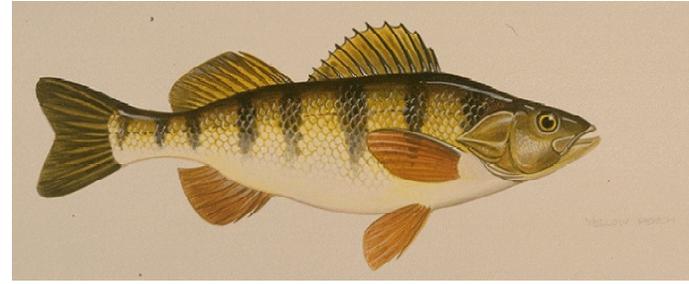
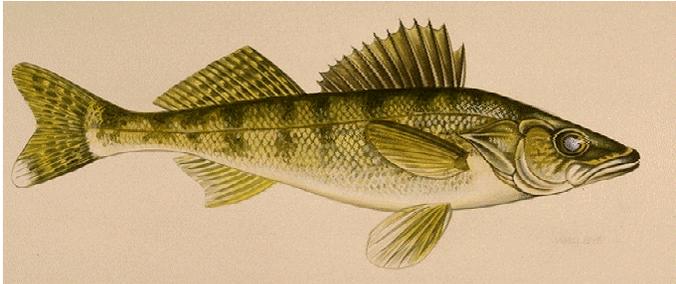


State of Lake Huron Percids



David G. Fielder & James P. Baker

Michigan DNR

Lloyd C. Mohr

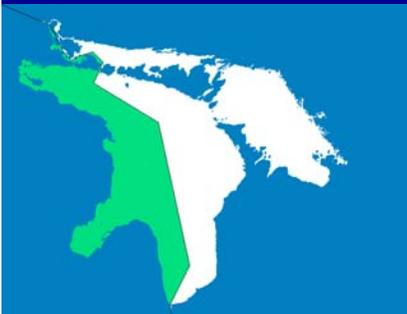
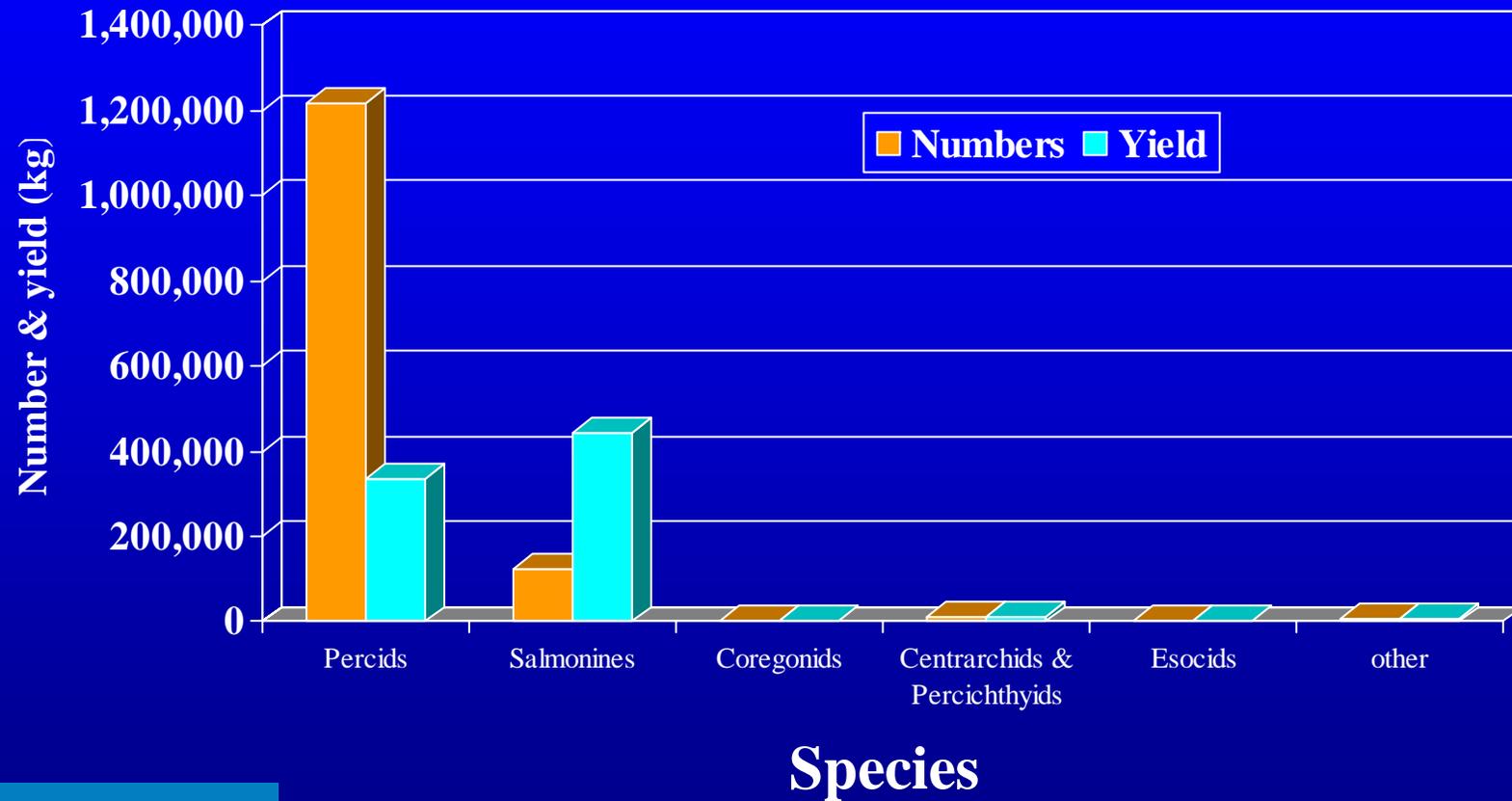
Ontario MNR

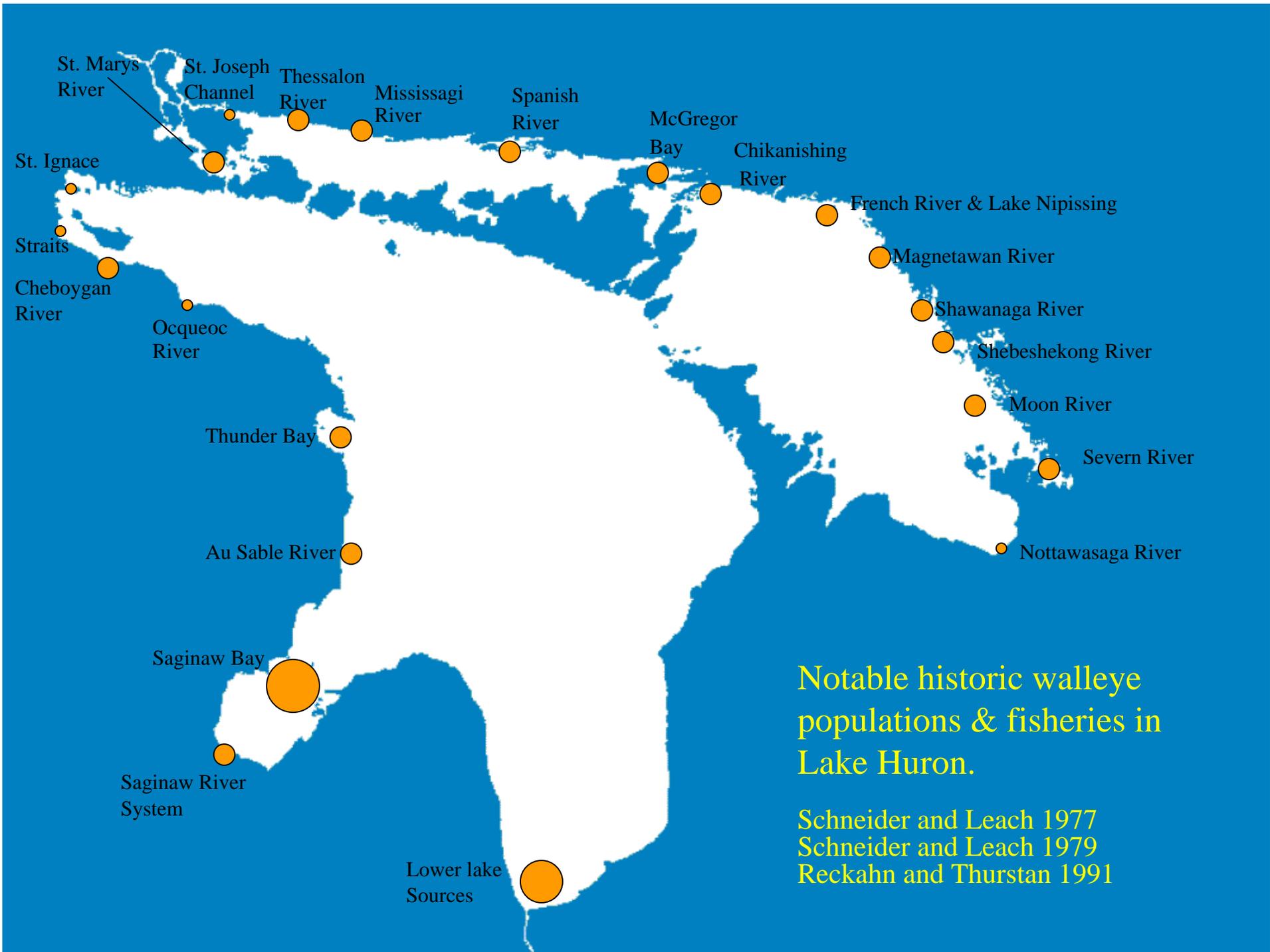


Great Lakes Fishery Commission



Sport Harvest numbers and yield in Michigan waters of Lake Huron, 1999



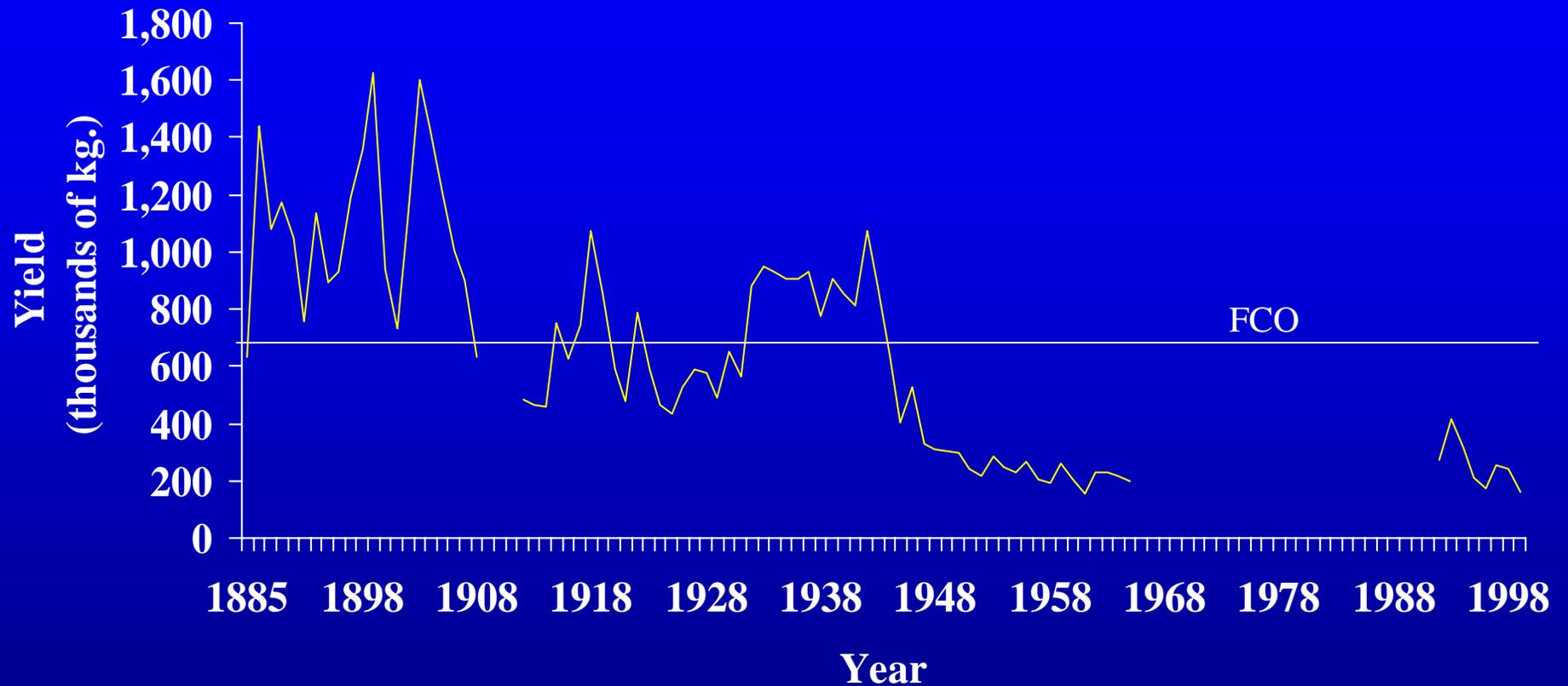


Fish Community Objectives for Walleye

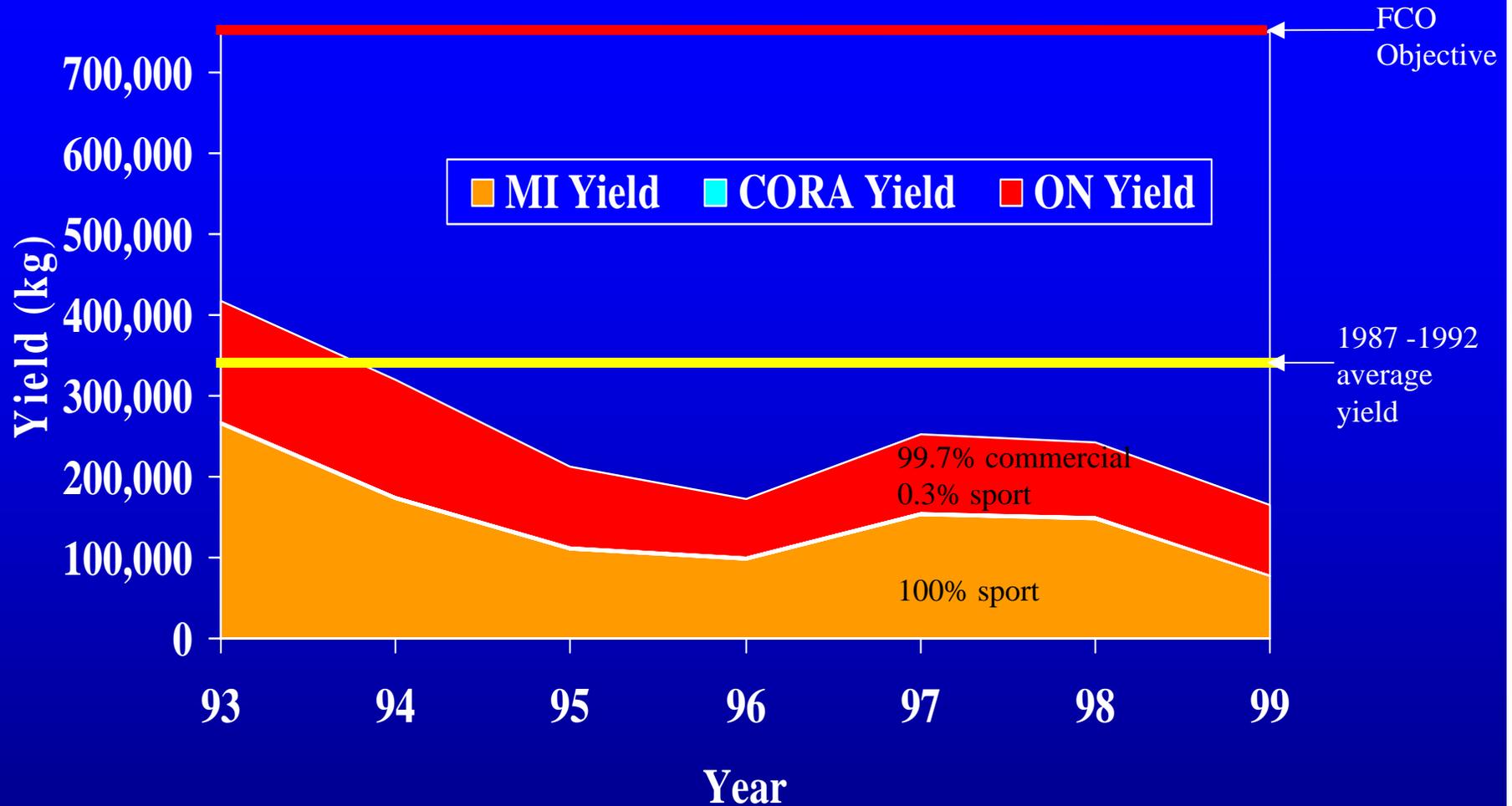
- *Reestablish and/or maintain walleye as the dominant cool-water predator over its traditional range with populations capable of sustaining a harvest of 0.7 million kg.*



Walleye Yield from Lake Huron 1885 - 1999

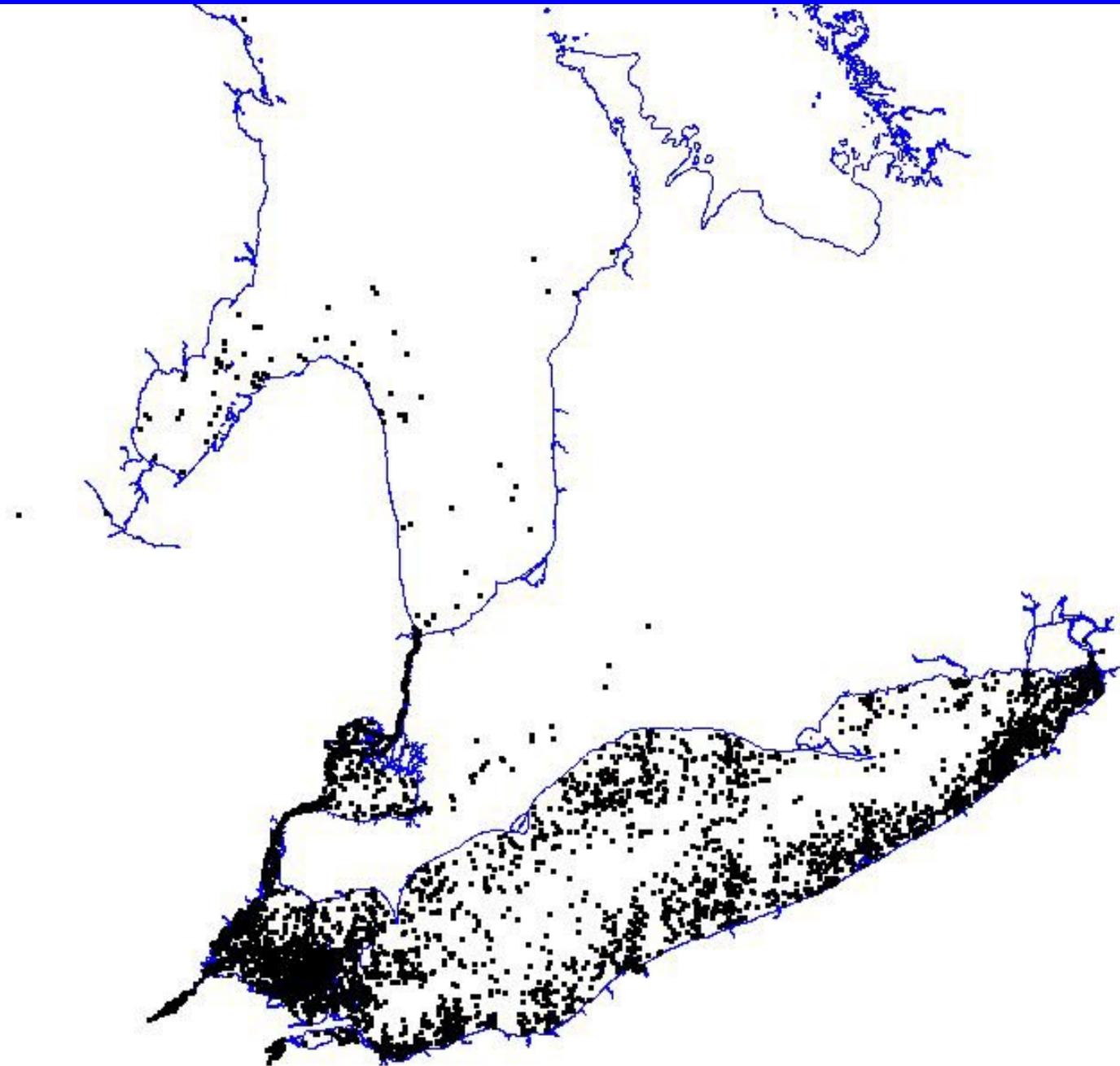


Walleye yield in Lake Huron



Michigan Sport, CORA commercial, Ontario sport, Ontario commercial.
 There is no Michigan commercial fishery for walleye, No data available for Ontario First Nation extractions. Data does not include tributary harvest which can be substantial.

Lake Erie walleye tag returns





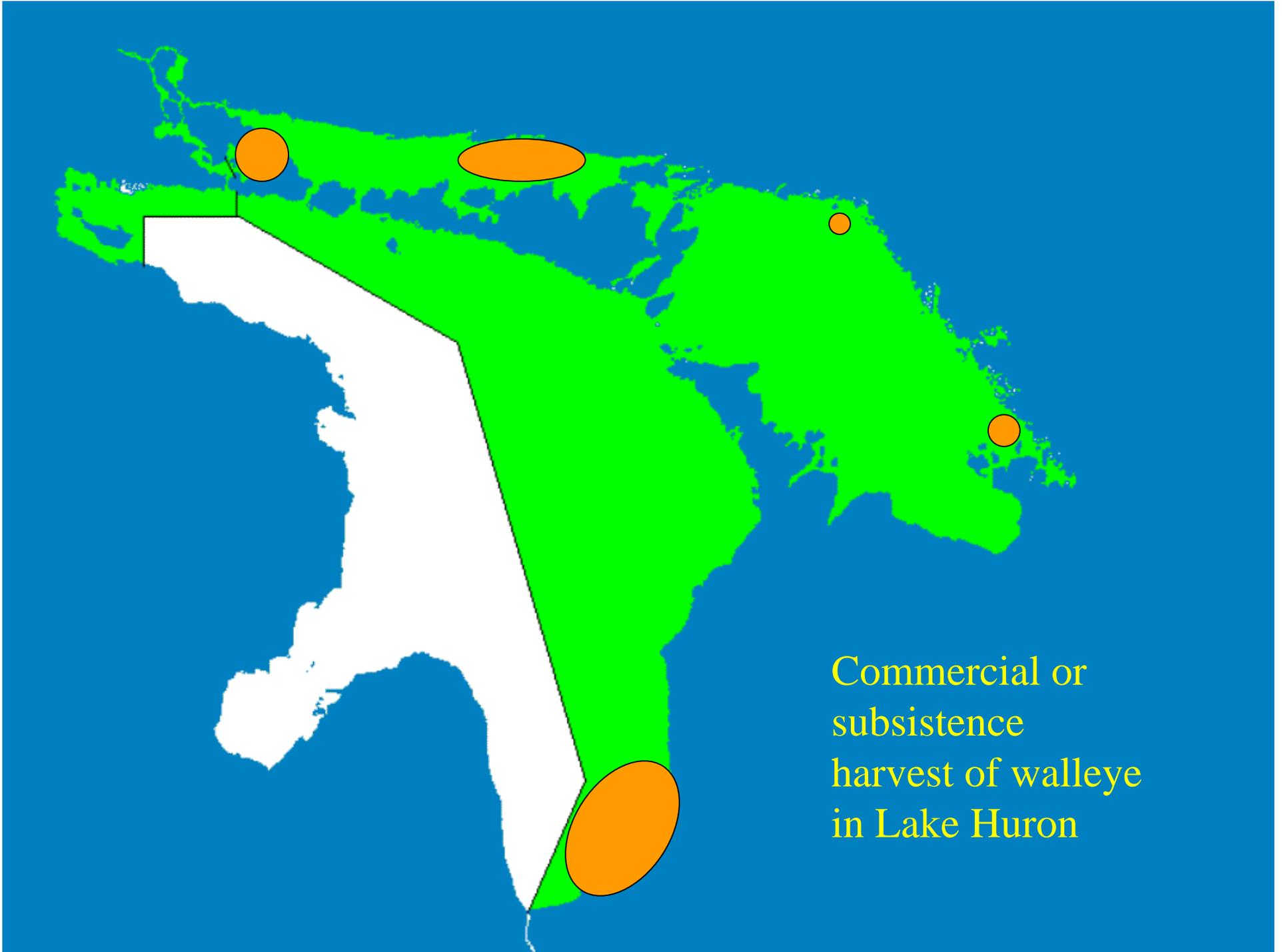
8 Georgian Bay river sources; reduced genetic diversity attributed to human influences

Lake Huron
walleye mixed
stock
composition

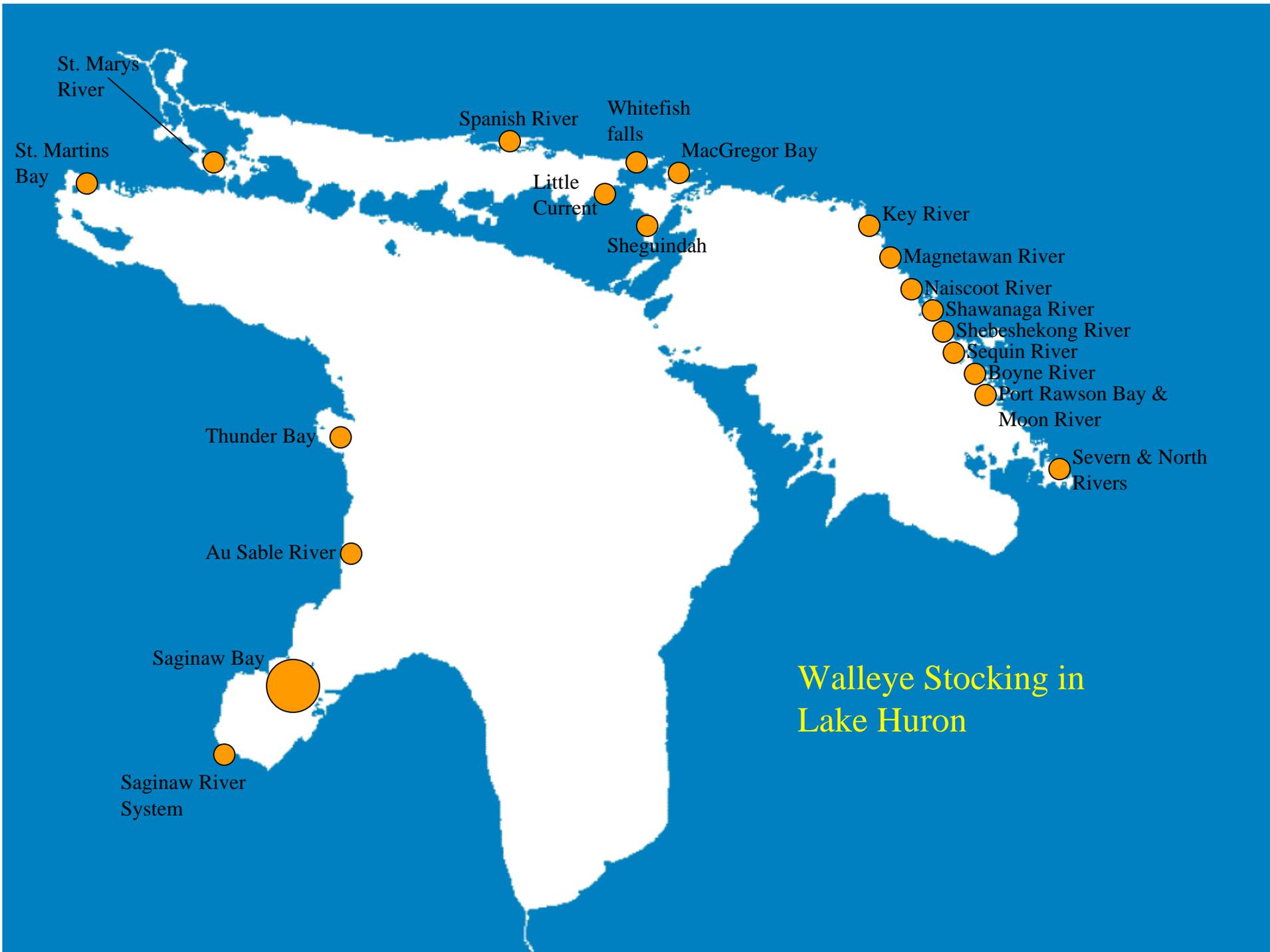
60-70% Lake Erie fish

10-20% Tittabawassee River fish

10-20% Thames River fish

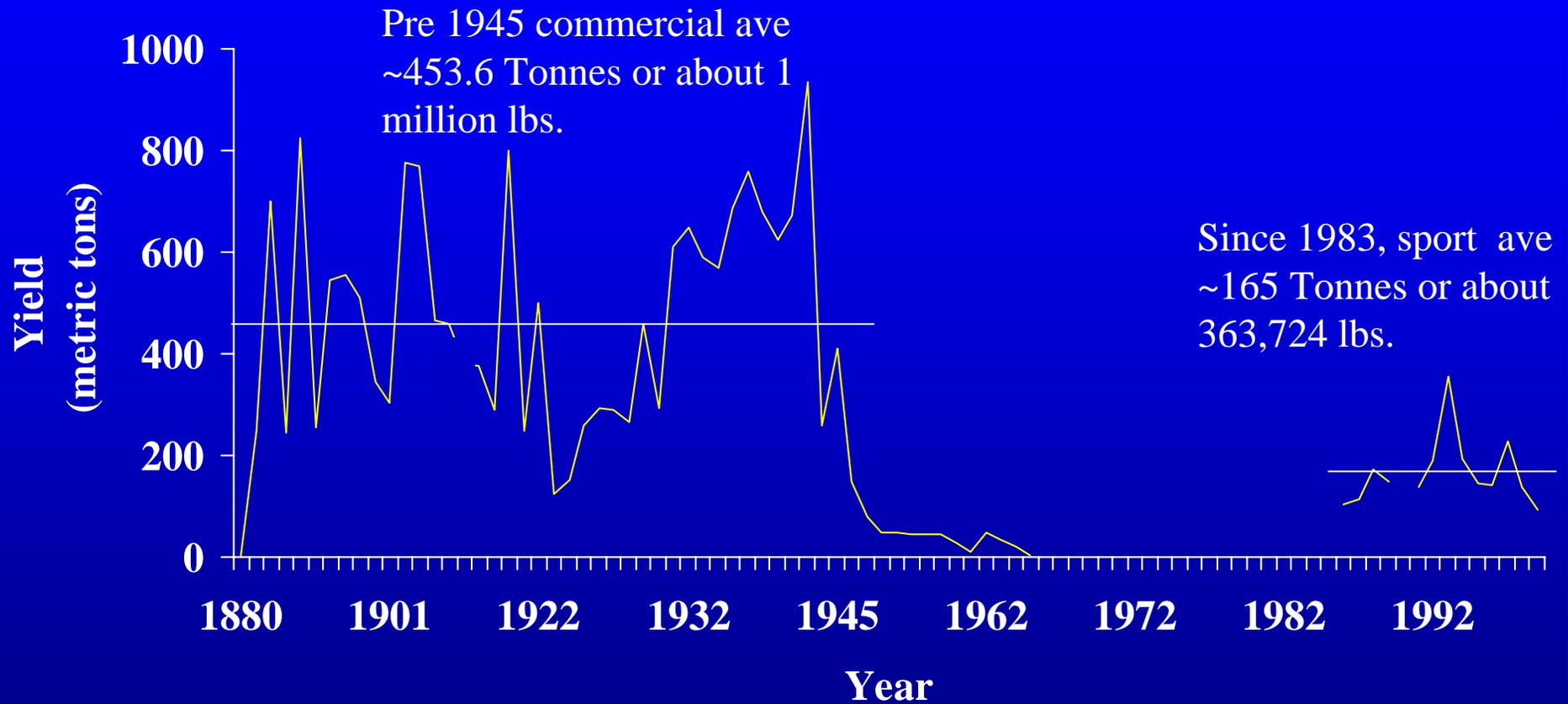


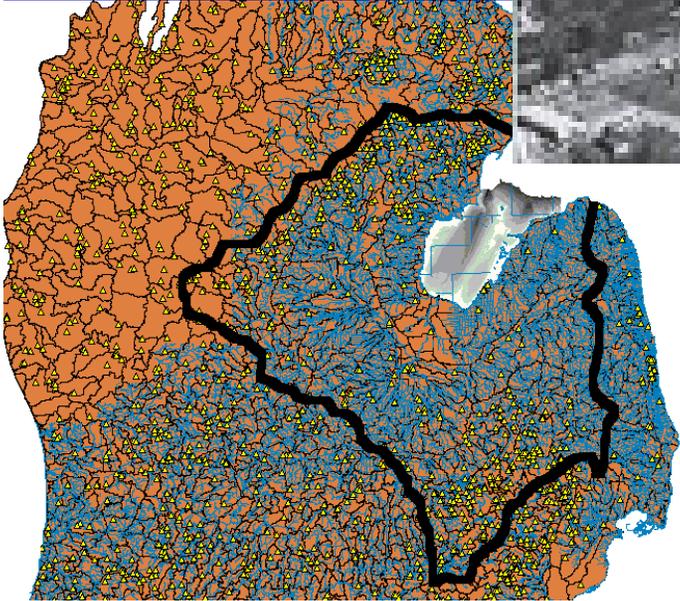
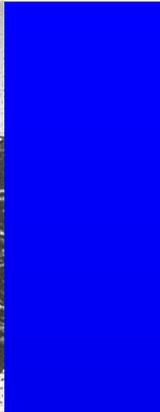
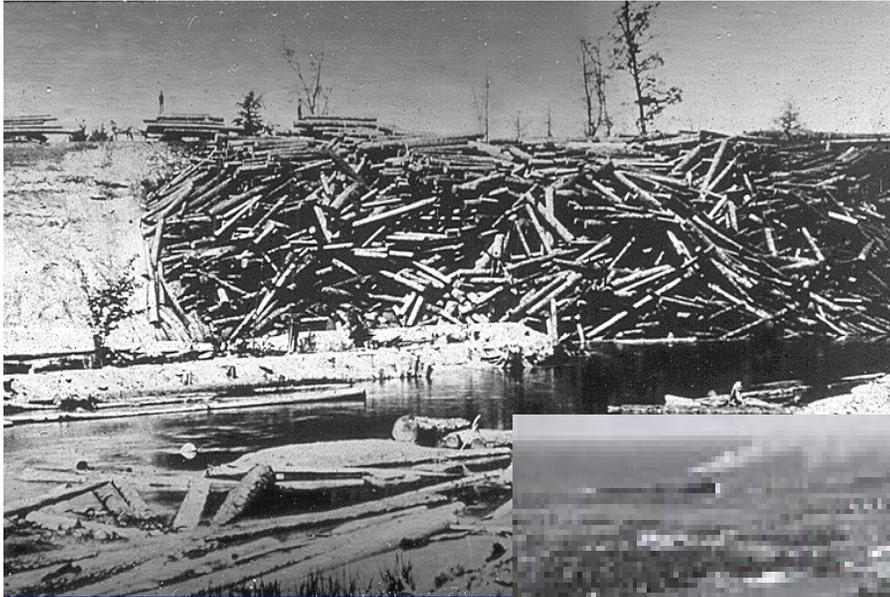
Commercial or
subsistence
harvest of walleye
in Lake Huron

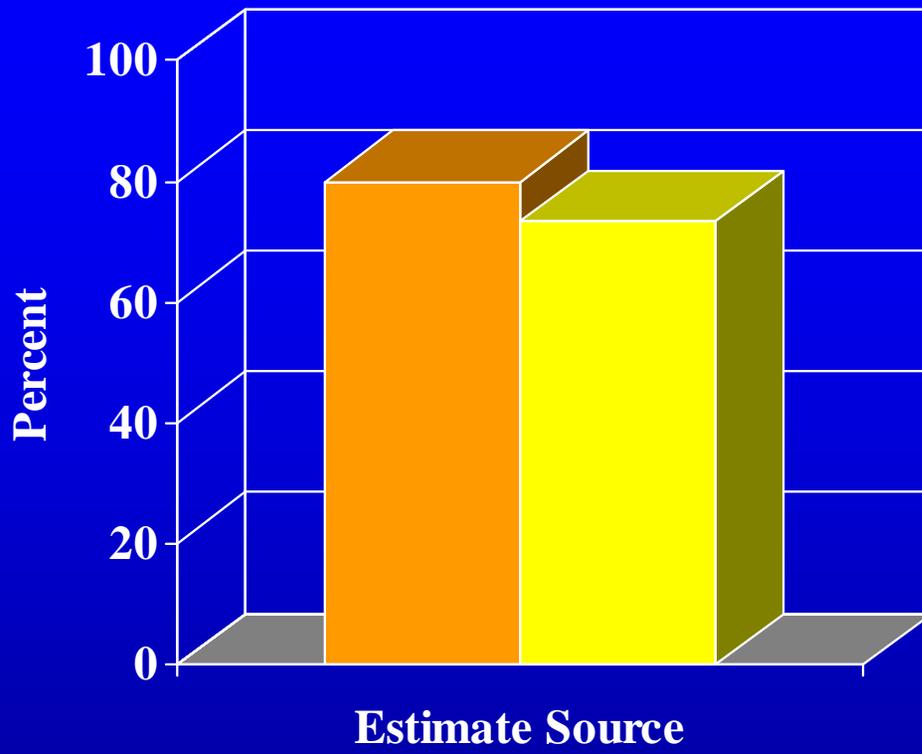


Walleye Stocking in Lake Huron

Walleye Yield from Saginaw Bay





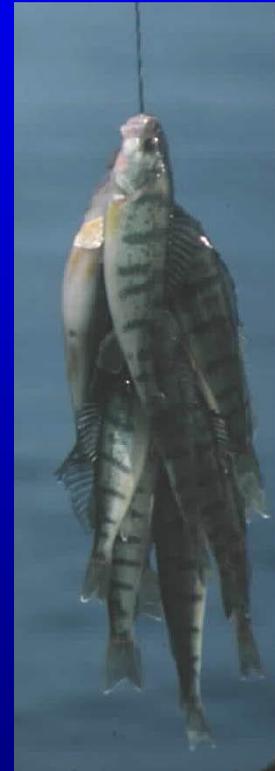


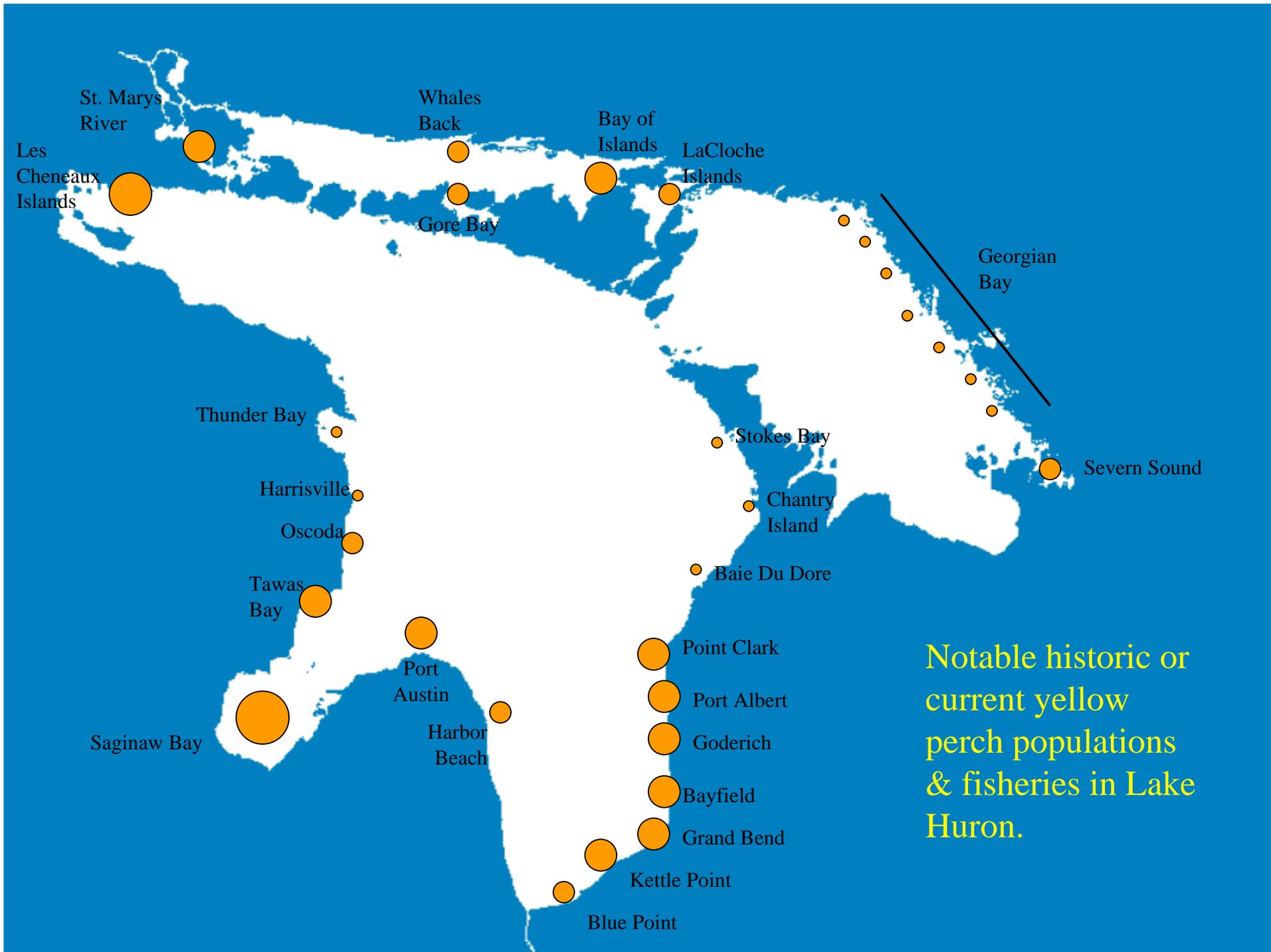
■ OTC marking ■ Alternate year



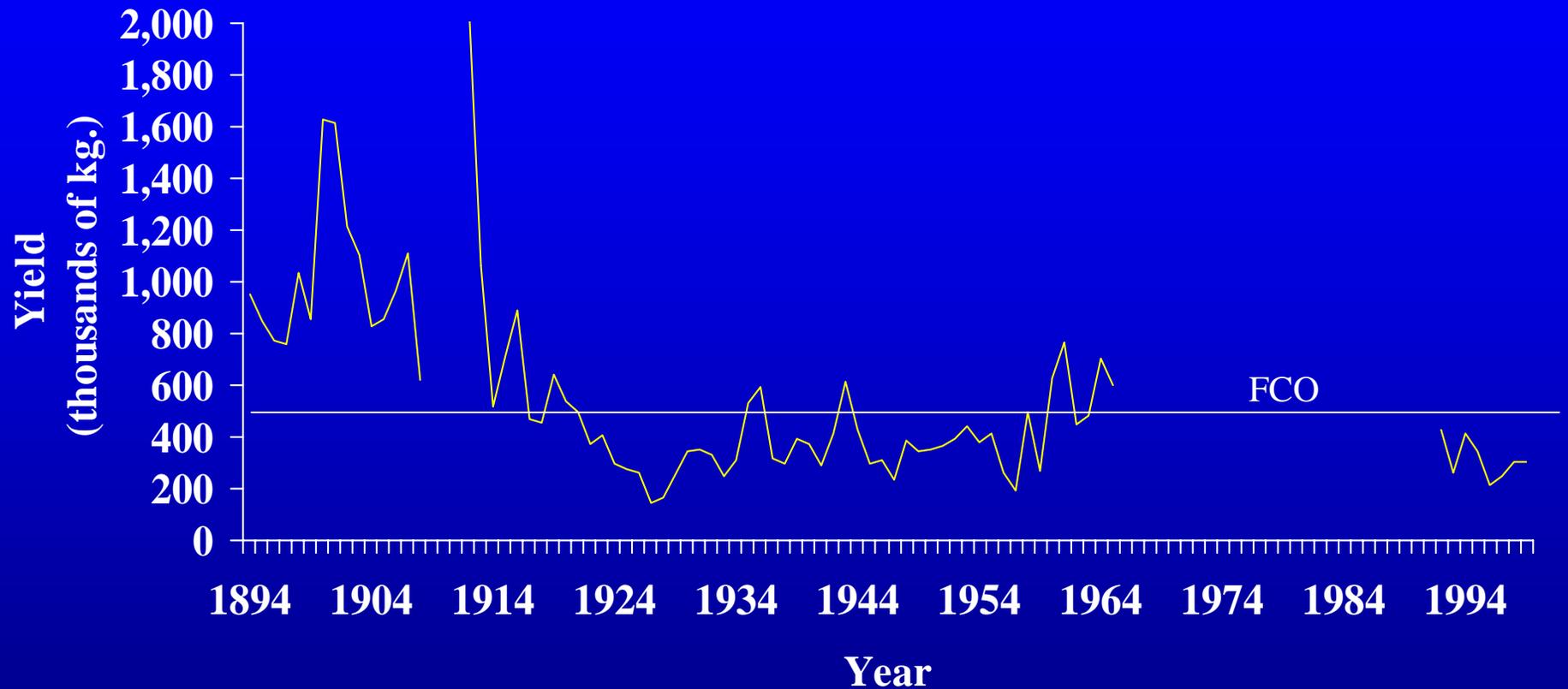
Fish Community Objectives for Yellow Perch

- *Maintain yellow perch as the dominant nearshore omnivore while sustaining a harvestable annual surplus of 0.5 million kg.*

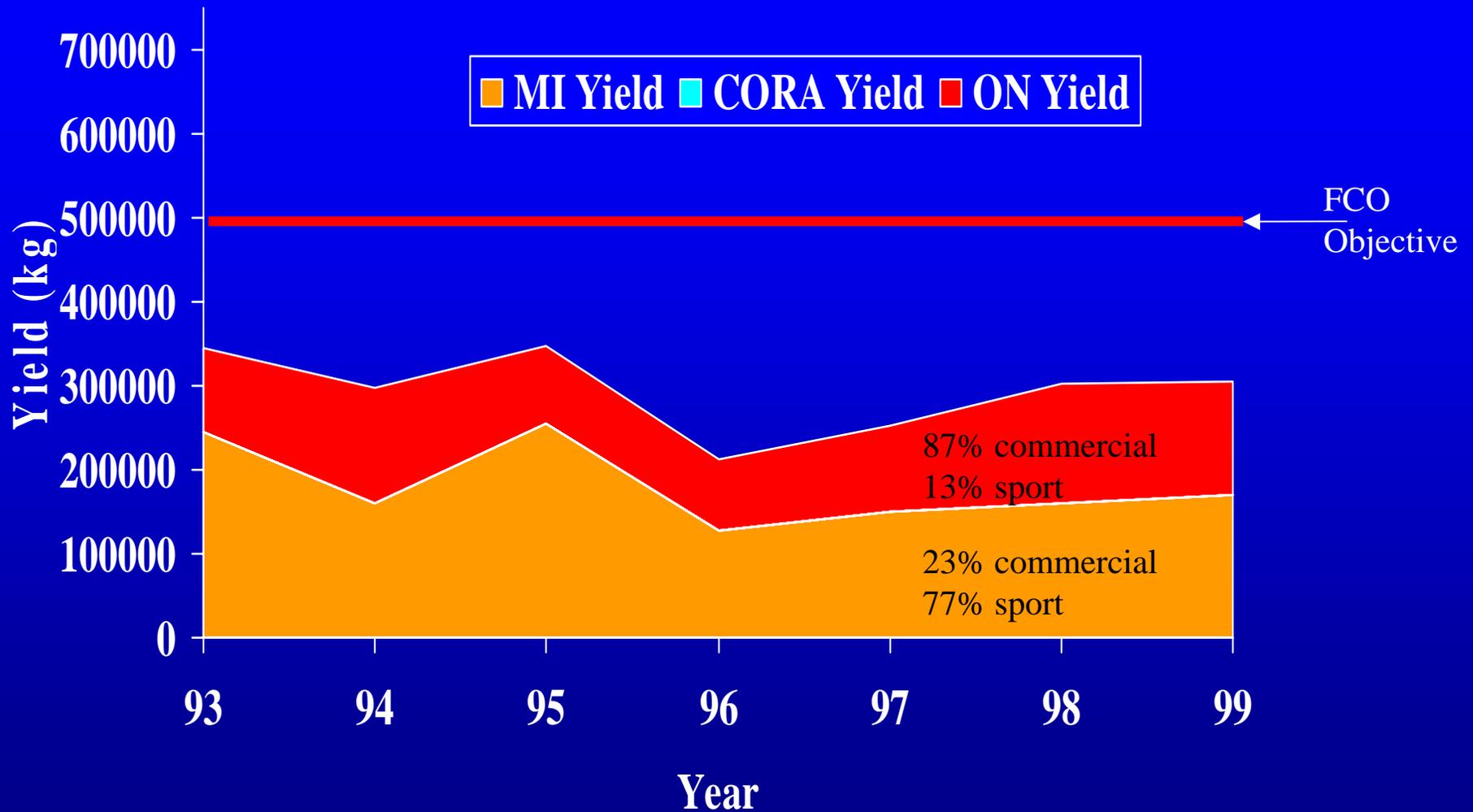




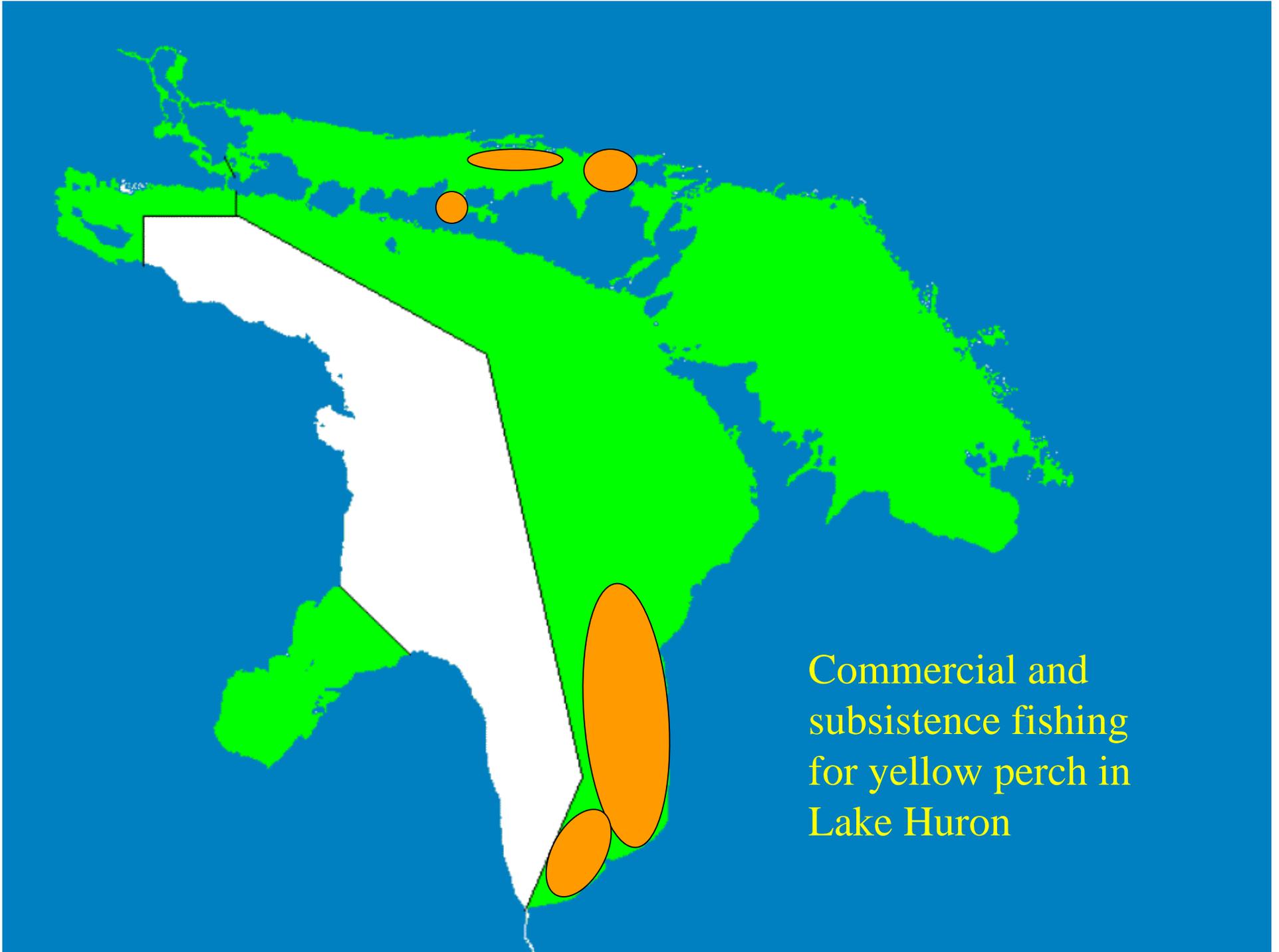
Yellow Perch Yield from Lake Huron 1894 - 1999



Yellow Perch yield in Lake Huron

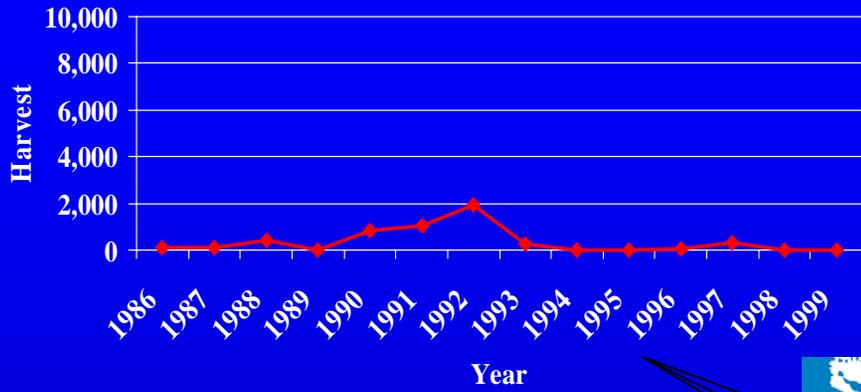


Michigan sport, Michigan commercial, CORA commercial, Ontario sport, Ontario commercial.
 No data available for Ontario First Nation extractions. 1998 & 1999 Ontario sport harvest estimated on 92 -97 average.

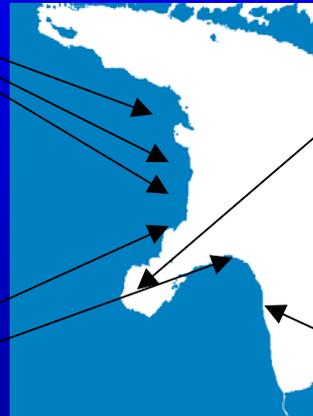
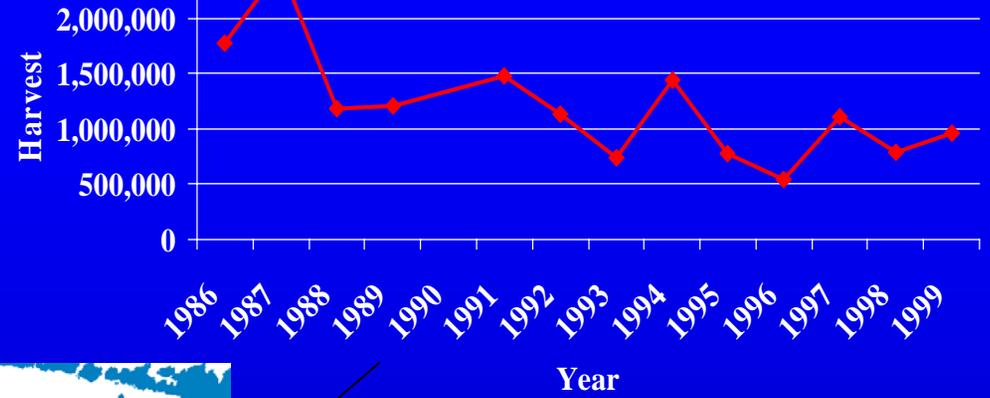


Commercial and
subsistence fishing
for yellow perch in
Lake Huron

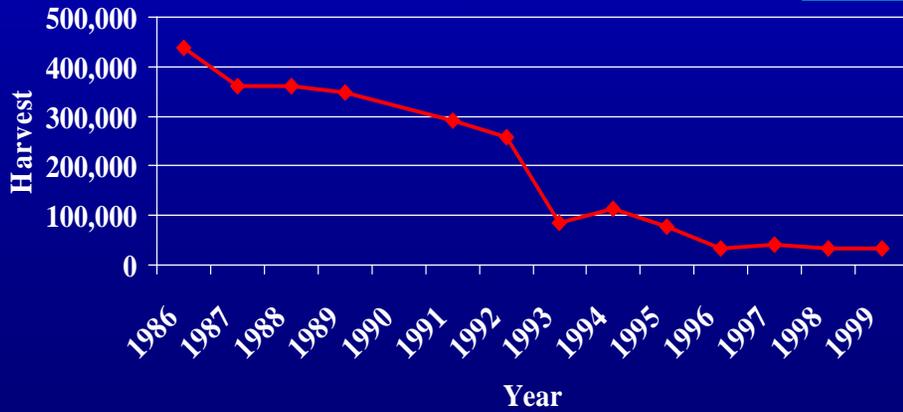
Northern Ports



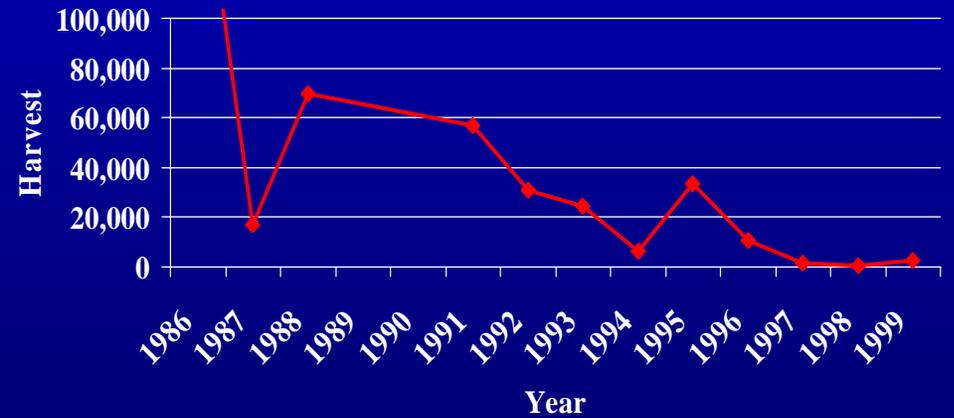
Saginaw Bay



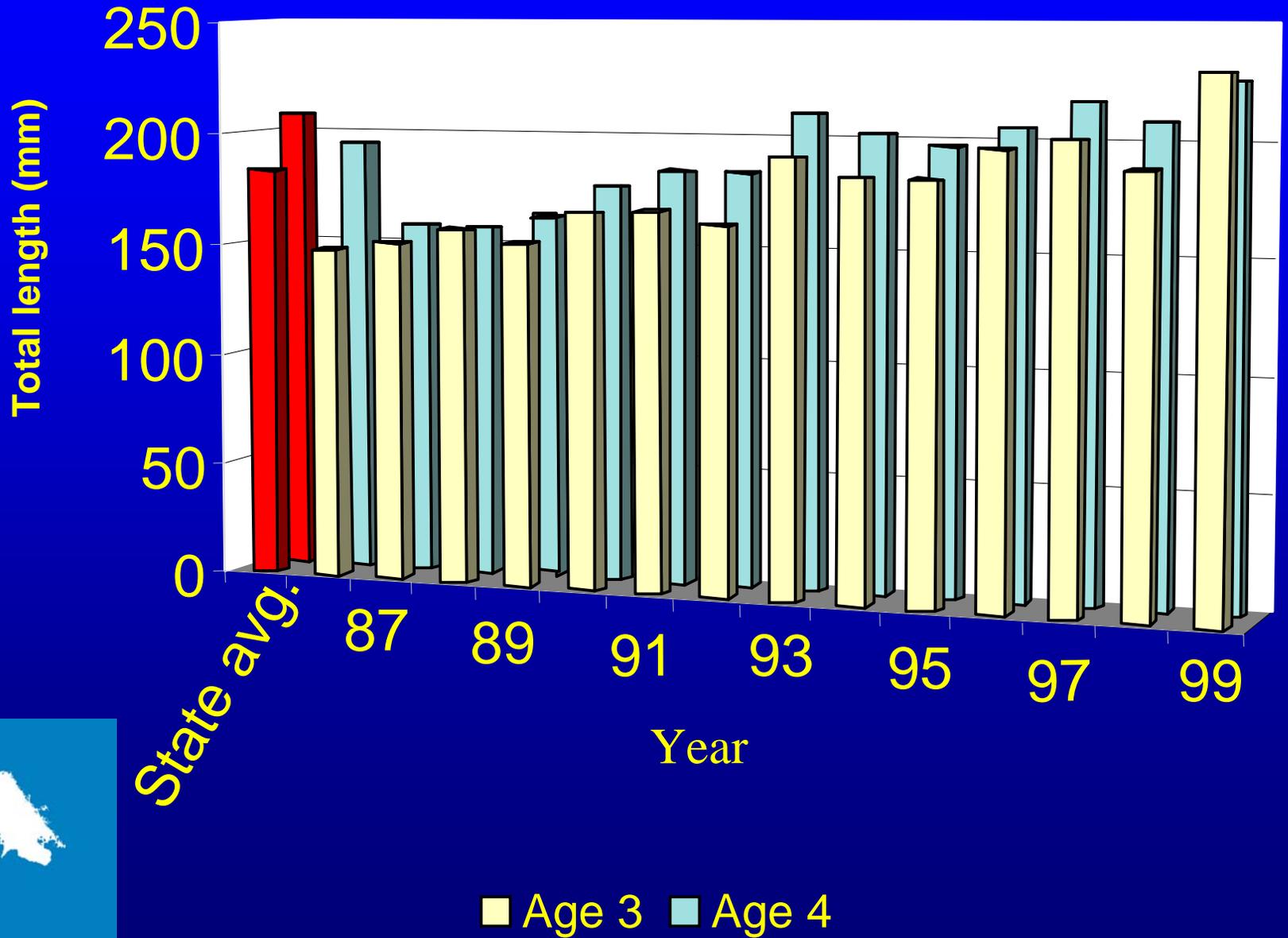
Outer Bay Ports



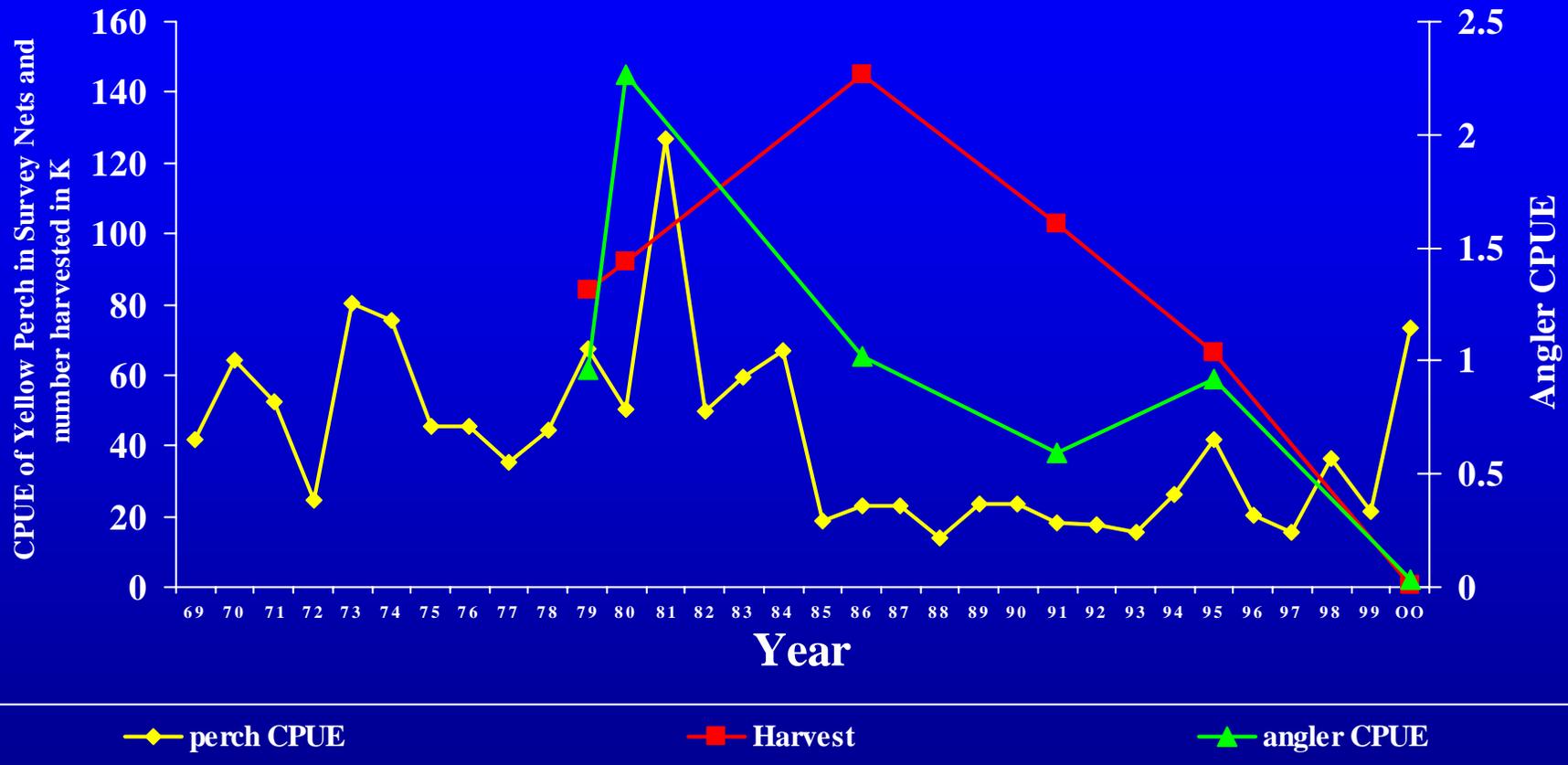
Southern Port



Mean length at ages 3 and 4 for Saginaw Bay Yellow Perch



Yellow perch CPUE (abundance) in survey nets, sport fishery harvest (estimates in thousands), and angler CPUE (perch/hr.) for Les Cheneaux Islands for 1969 - 2000



Emerging Issues

Ontario waters:

- Eastern Georgian Bay / North Channel Stewardship Council
- Strategic assessment plan for nearshore populations
- New harvest regulations anticipated.

Michigan waters:

- Walleye recovery research concluding on Saginaw Bay
- OTC marking of walleye

Issues in common:

- Walleye mixed stocks in Lake Huron
- St. Marys River assessment plan

Advances needed to achieve walleye FCOs

- Saginaw Bay walleye fishery needs to reach potential
- Improved fish passage or dam removal is needed basin wide
- Reduced harvest in some areas

Advances needed to achieve yellow perch FCOs

- Main basin near shore habitat needs restoration.