

Lake Trout in Wisconsin Waters of Lake Superior; Implementing the Terms of the 2005-2015 Lake Superior Fishing Agreement

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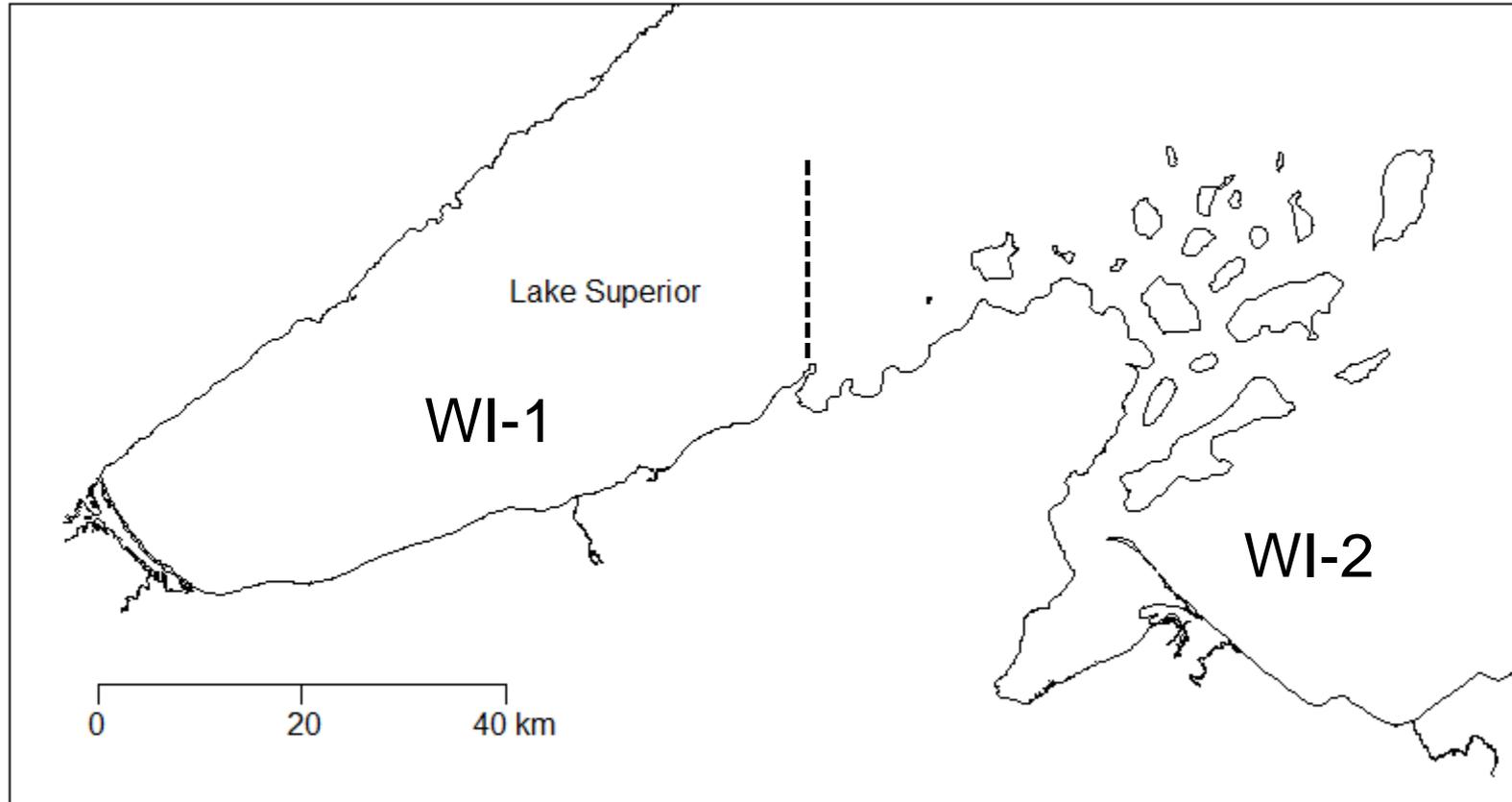
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Photo: Sam Cook

Wisconsin Waters of Lake Superior



State-Tribal Fishing Agreement

Lake Superior Fishing Agreement 2005-2015



Bad River Band of Lake Superior Tribe of Chippewa Indians

Red Cliff Band of Lake Superior Chippewa

Wisconsin Department of Natural Resources

April 19, 2007



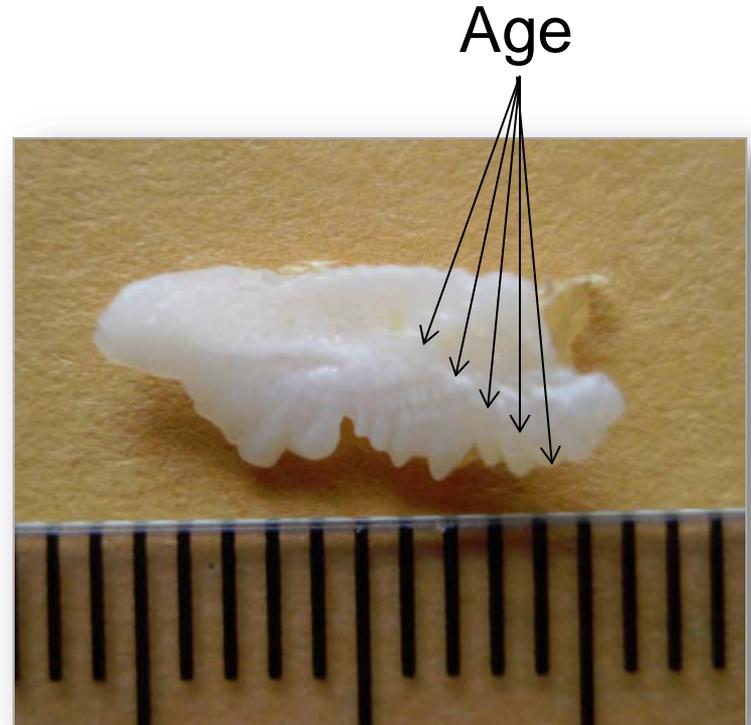
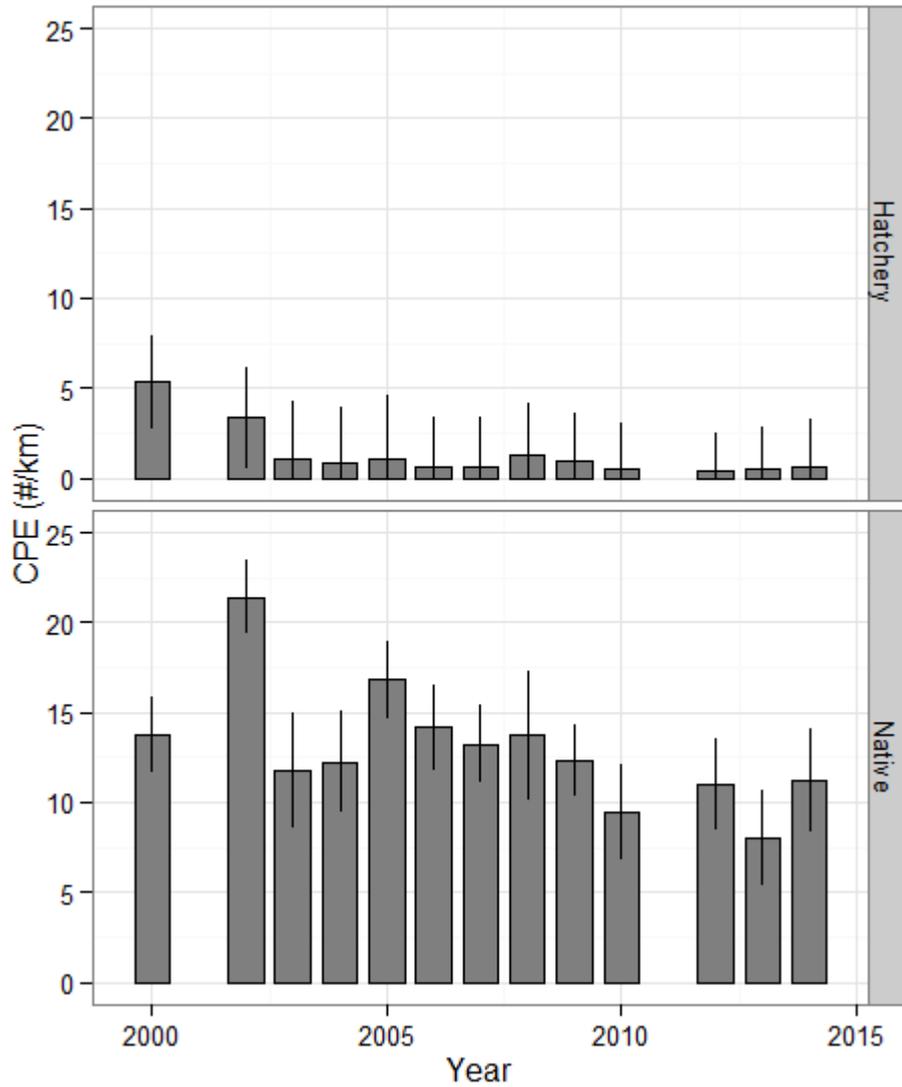
**RECOMMENDED MAXIMUM LAKE TROUT HARVEST
FOR THE APOSTLE ISLANDS REGION OF LAKE SUPERIOR
FOR THE 2013-2015 FISHING YEARS
(November 28, 2012 – September 30, 2015)**

By

THE WISCONSIN STATE-TRIBAL TECHNICAL COMMITTEE

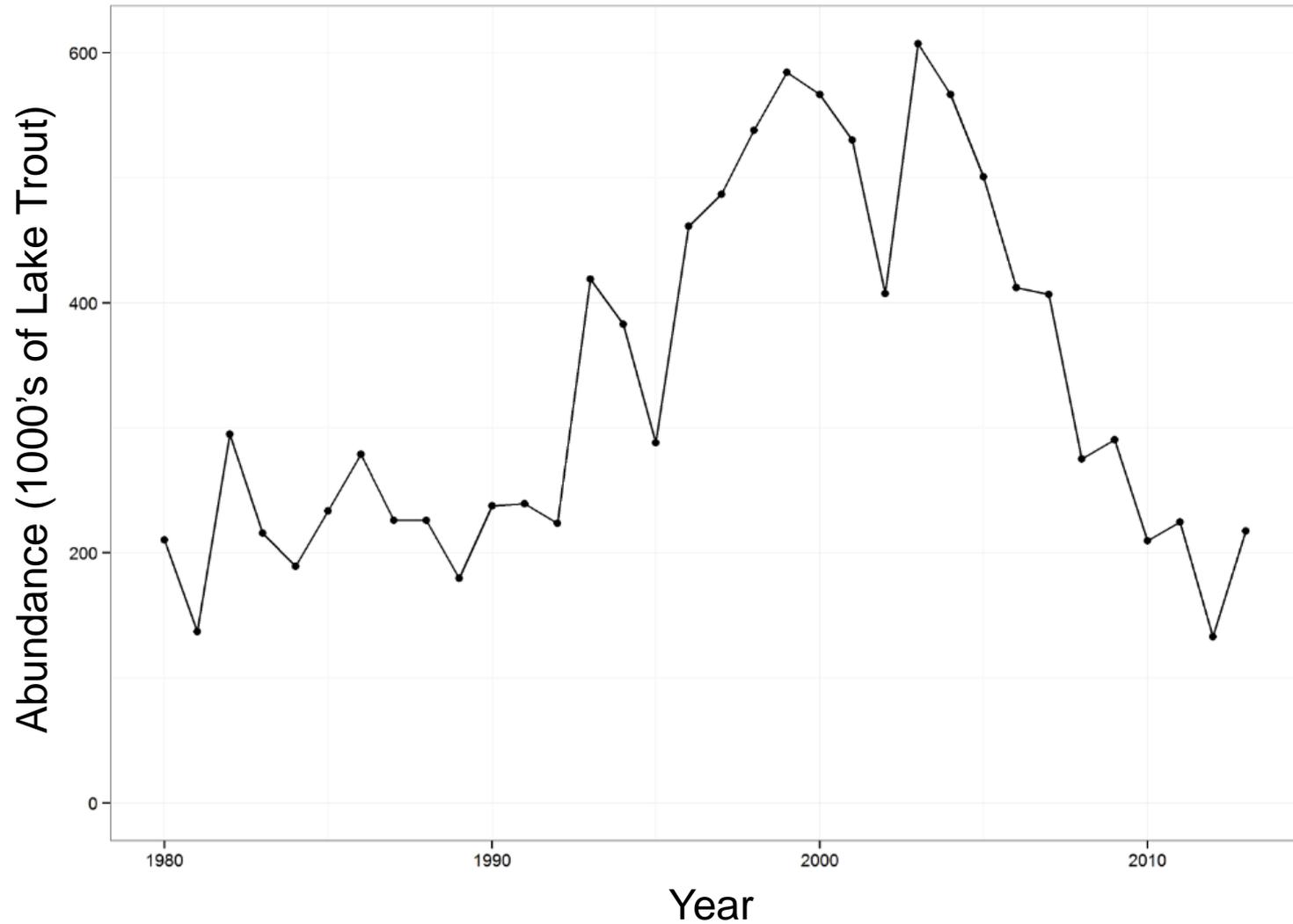
August 2012

Stock Assessment



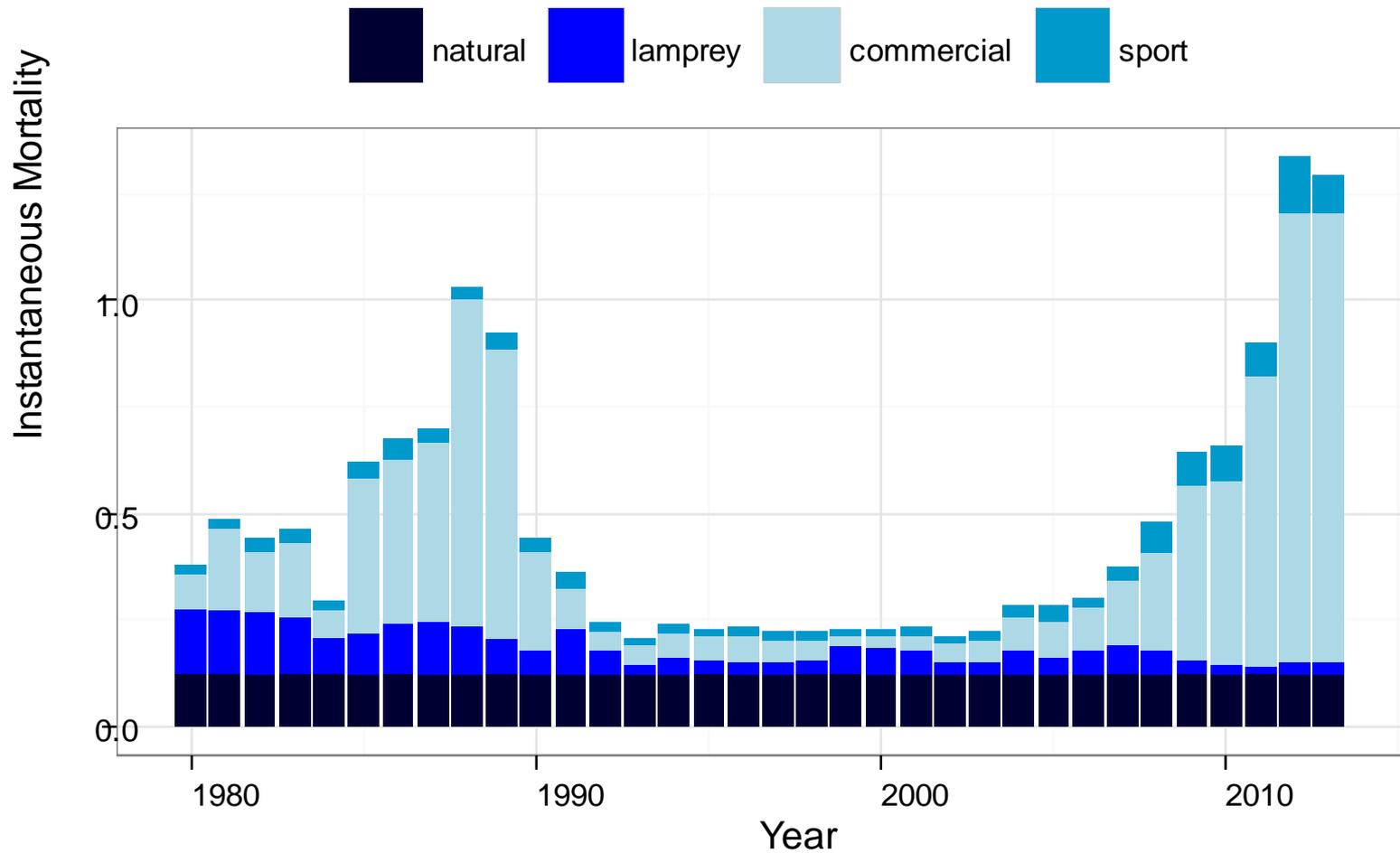


Stock Assessment Results



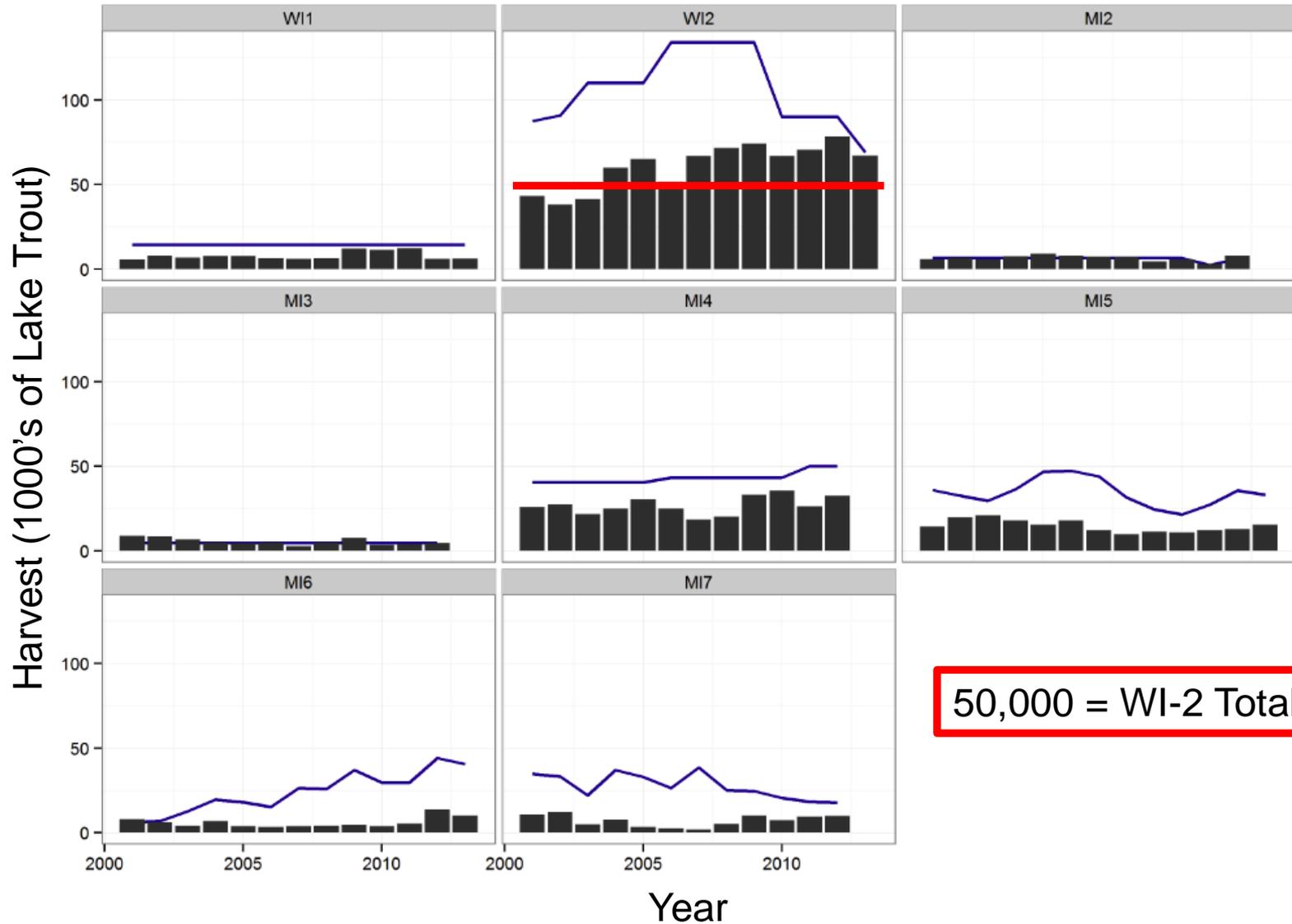


Stock Assessment Results





Lake-Wide Perspective



50,000 = WI-2 Total Quota

Terms of Agreement

2005 State-Tribal Lake Superior Agreement

Appendix I.

The numbers derived in the allocation table for 2005 were derived as follows.

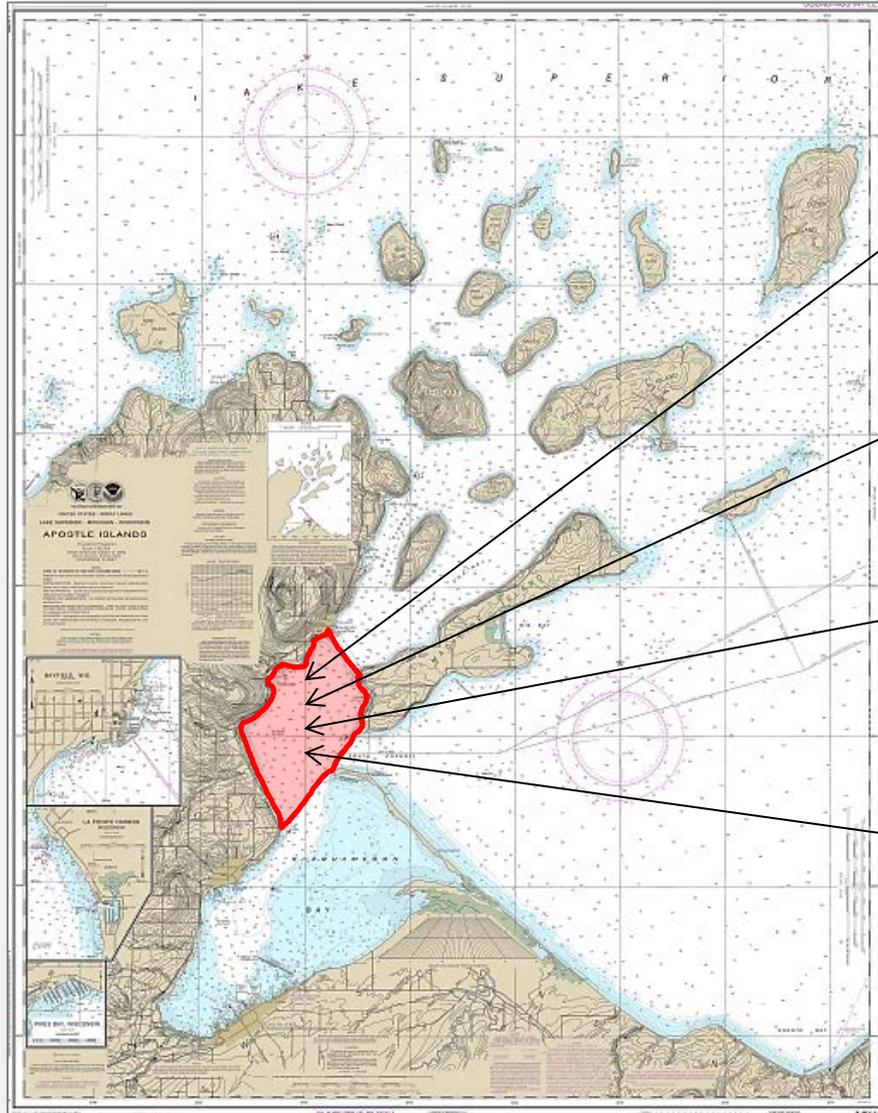
These lean lake trout allocations are derived as follows: The initial quotas of 14,500 for WI-1 and 136,000 for WI-2 were first reduced by the numbers needed for assessment. The remaining fish, 14,000 for WI-1 and 134,000 for WI-2 were divided equally between the state and the tribes (combined) yielding an initial allocation of 7,000 for each group in WI-1 and 67,000 for each group in WI-2. The Bad River and Red Cliff tribes further agreed to an equal allocation of the tribal share resulting in 3,500 for each tribe in WI-1 and 33,500 for each tribe in WI-2. At this time the tribes have less need of an allocation in WI-1 and more of a need for an allocation in WI-2. Conversely, at this time the state has more of a need for an allocation in WI-1 and less of a need for an allocation in WI-2. Hence the parties agree to a voluntary, non-precedential exchange of fish between WI-1 and WI-2. Bad River retains 500 fish in WI-1 and exchanges 3,000 fish with the state resulting in a total allocation of 36,500 in WI-2. Red Cliff retains 200 fish in WI-1 and exchanges 3,300 fish with the state resulting in a total allocation of 36,800 fish in WI-2. The state allocation in WI-1 increases by 6,300 to 13,300, and decreases in WI-2 by 6,300 to 60,700. The state further agrees to a transfer of 6,000 fish from its WI-2 allocation to the tribes in exchange for other considerations by the tribes resulting in a final allocation of 54,700 in WI-2. The tribes agree that 2,000 of these fish shall be allocated to the Bad River tribe resulting in a final WI-2 allocation of 58,500, and that 4,000 of these fish shall be allocated to the Red Cliff tribe resulting in a final WI-2 allocation of 40,800.

$67,000 - 12,300 = 54,700$
lake trout for the State in
2005

$6,300 =$ Swap between
WI-1 and WI-2

$6,000 =$ Swap for “other
considerations”

Other Considerations



Ice Nets Only; $\geq 4 \frac{7}{16}$ mesh;
 ≥ 114 ft.; North of $46^{\circ} 45' 00''$

Trap Nets Only; Jun. 1 – Aug. 15

Ice Nets Only; Float Nets ; $\geq 2 \frac{3}{8}$ and ≤ 3 mesh; For herring

Ice Nets Only; $\leq 1 \frac{3}{4}$ mesh;
For smelt

Allocation Table

67,000 = Initial allocation in 2005

Initial TAC Allocation

WI-1/WI-2 Tag Swap

Allocation Adjustment for WI-2

Total TAC:

WI-1		
State	Bad River	Red Cliff
7,000	3,500	3,500
+6,300	-3,000	-3,300
N/A	N/A	N/A
13,300	500	200

WI-1 TAC: 14,000

WI-2		
State	Bad River	Red Cliff
24,000	12,000	12,000
-6,300	+3,000	+3,300
6,000	+2,000	+4,000
11,700	17,000	19,300

WI-2 TAC: 48,000

Assessment Tags

500	0	0
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Total WI-1 Assessment Tags: 500

1,000	500	500
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Total WI-2 Assessment Tags: 2,000

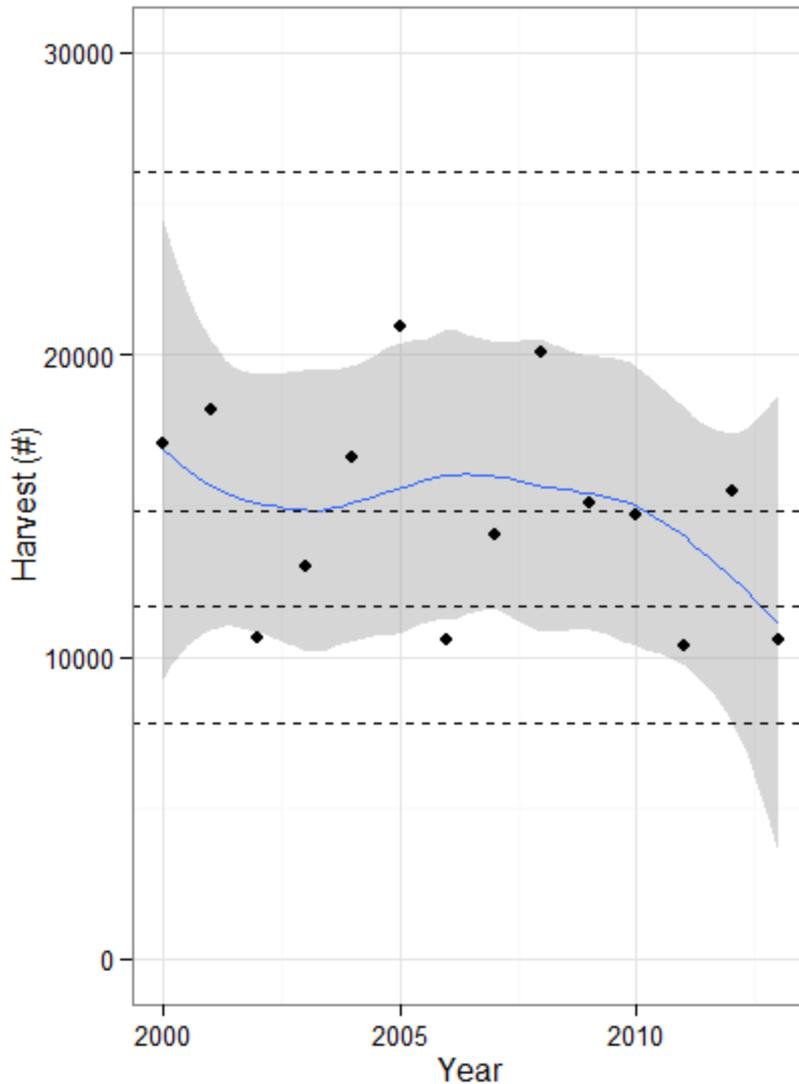
Total Quotas:

WI-1 Total: 14,500

WI-2 Total: 50,000

Combined Totals: 64,500

WI-2 Sport Fishery



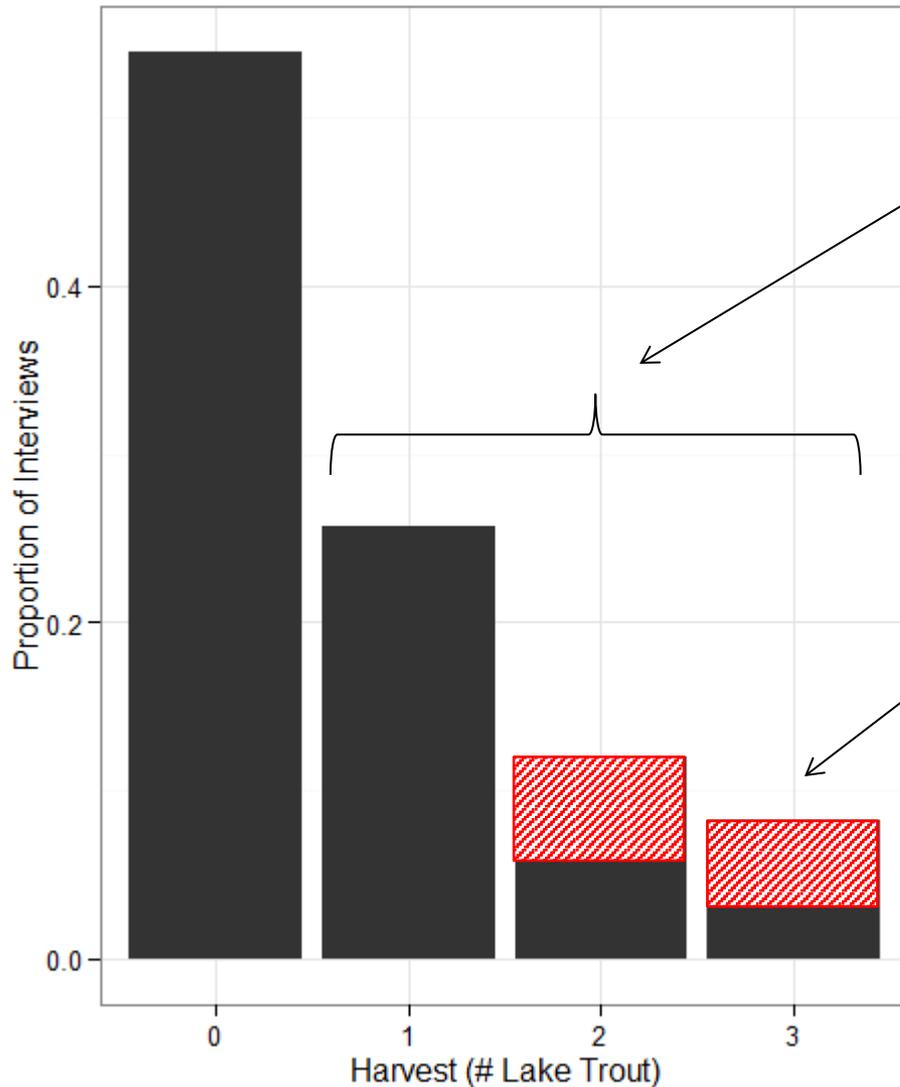
26,050 = Sport Harvest Quota (2013-14)

14,799 = Avg. Sport Harvest (2000-13)

11,700 = Total State Allocation (2014-15)

7,800 = 2/3 of State Allocation (2014-15)

WI-2 Sport Fishery



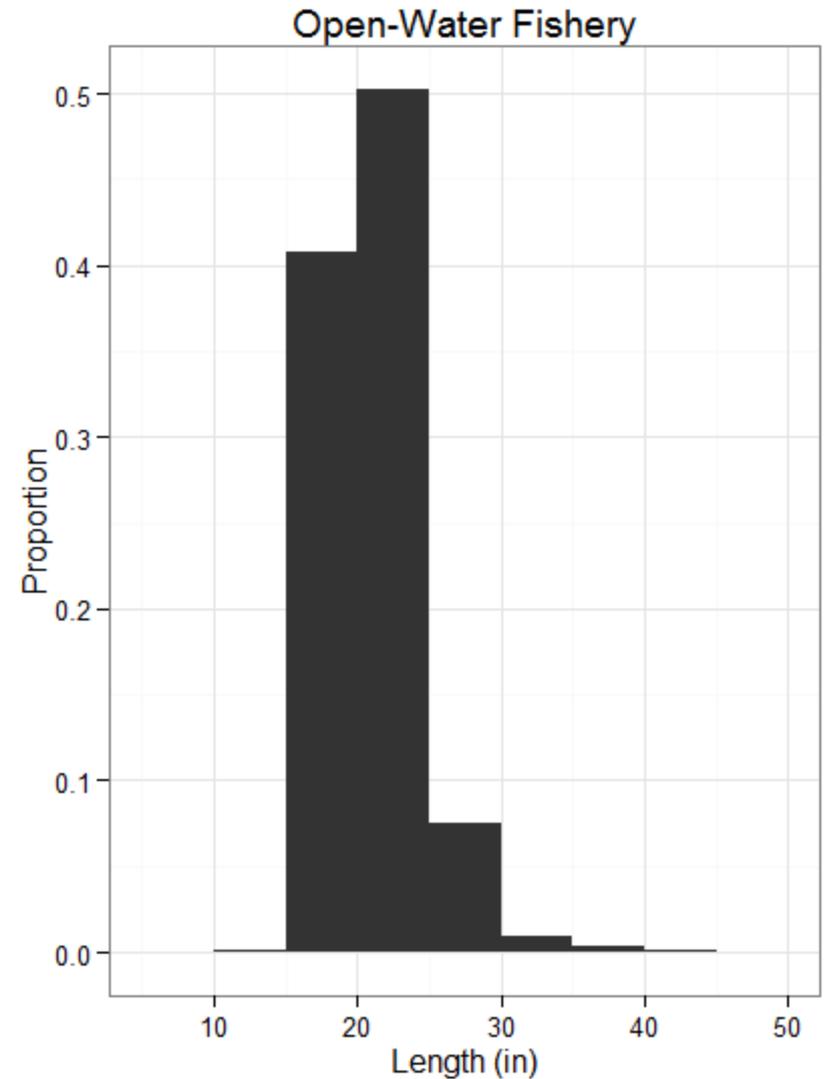
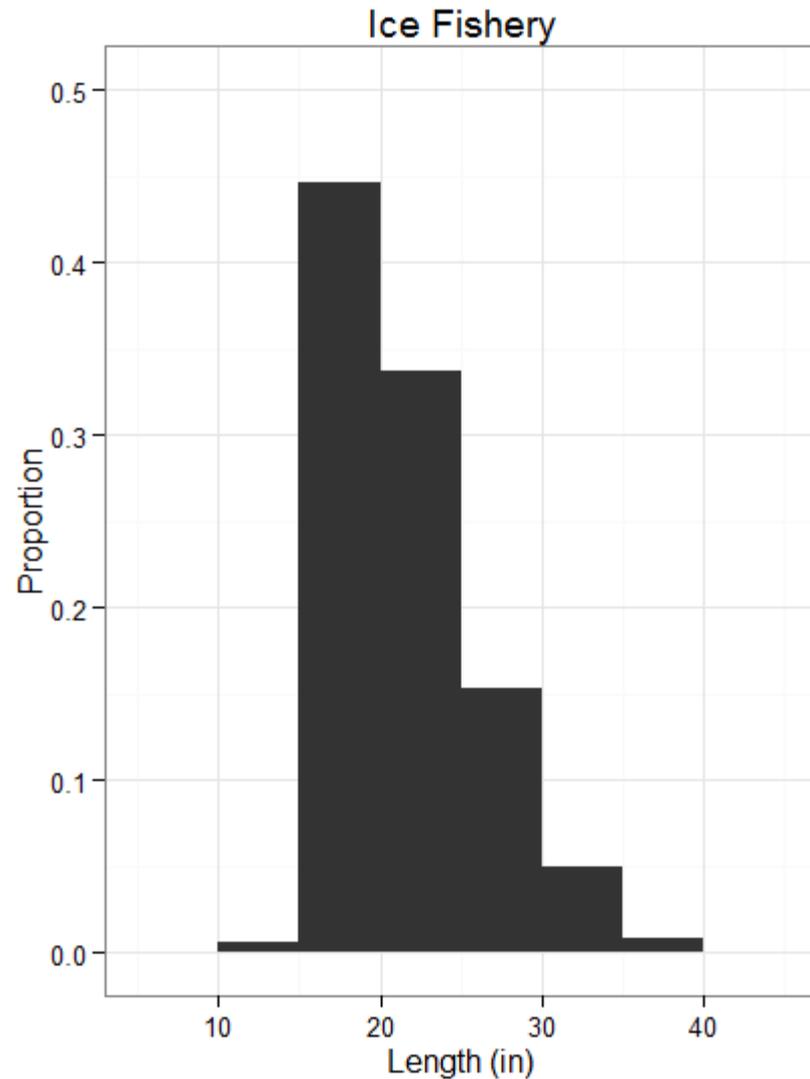
Proportion of anglers that harvest ≥ 1 lake trout = 0.46

Proportion of anglers that fill bag limit

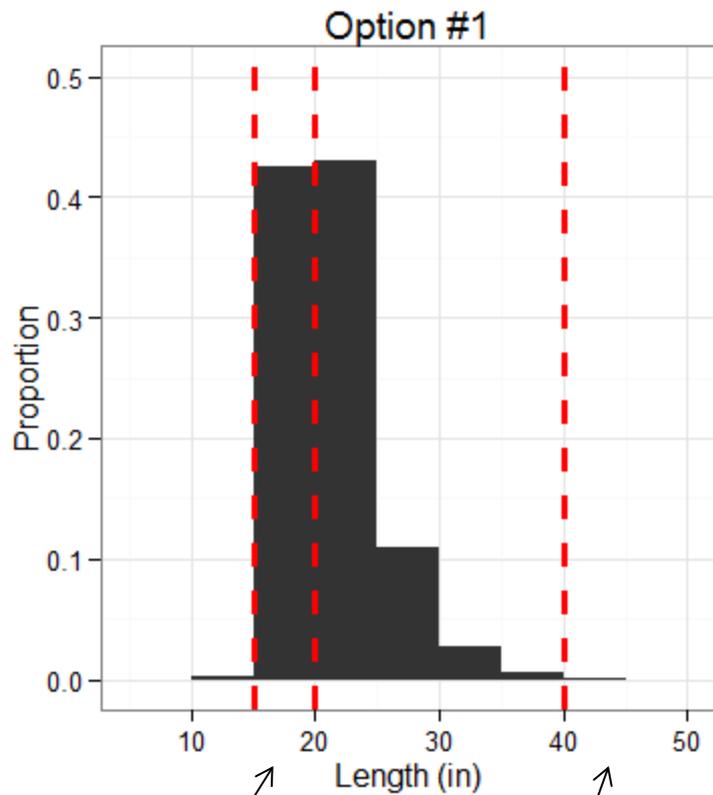
Reducing bag limit to 1 lake trout will only reduce harvest $\sim 12\%$



Size Structure of Sport Caught Lake Trout

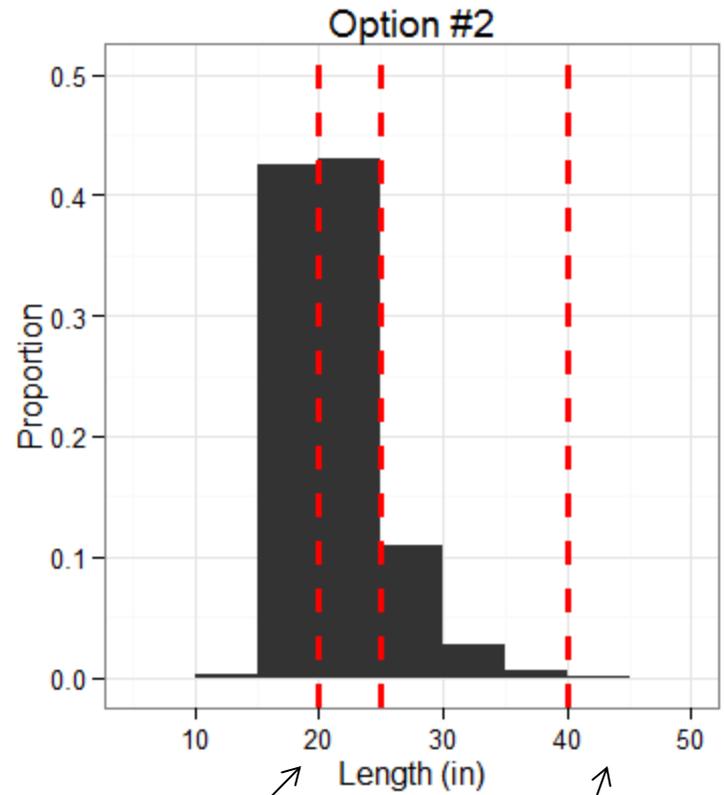


Alternative Regulation



Harvest Slot (15-20")

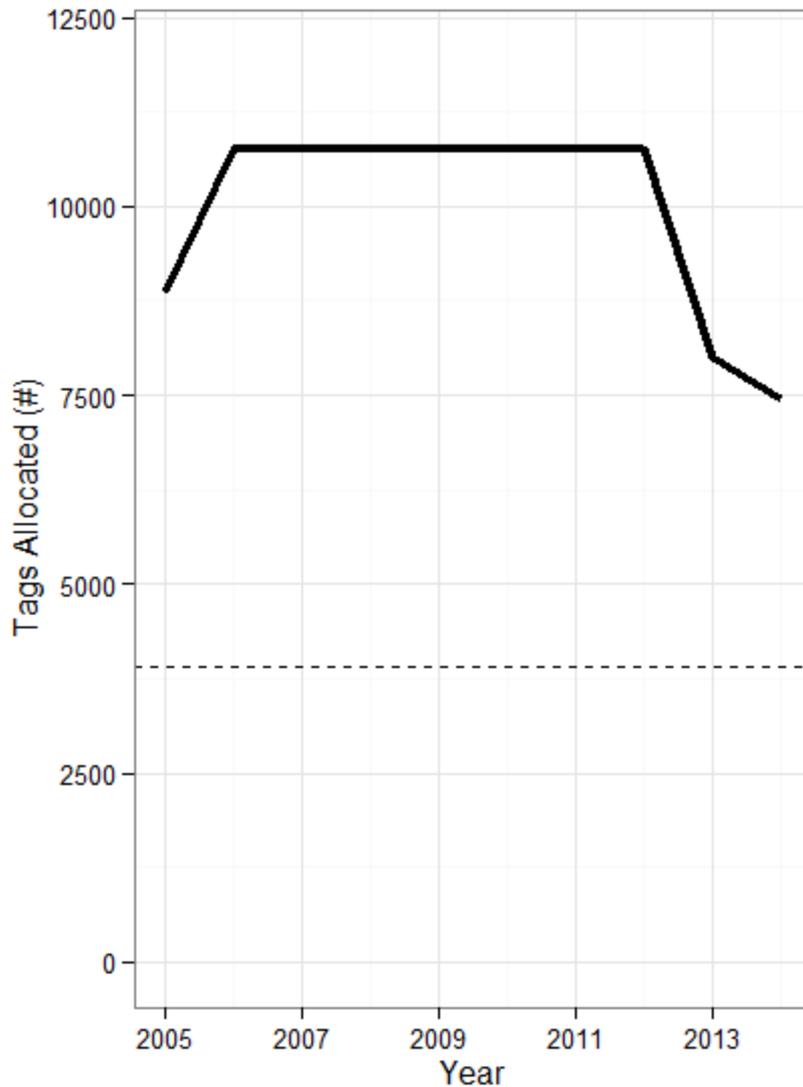
Trophy Limit (≥ 40 ")



Harvest Slot (20-25")

Trophy Limit (≥ 40 ")

WI-2 State-Licensed Commercial Fishery

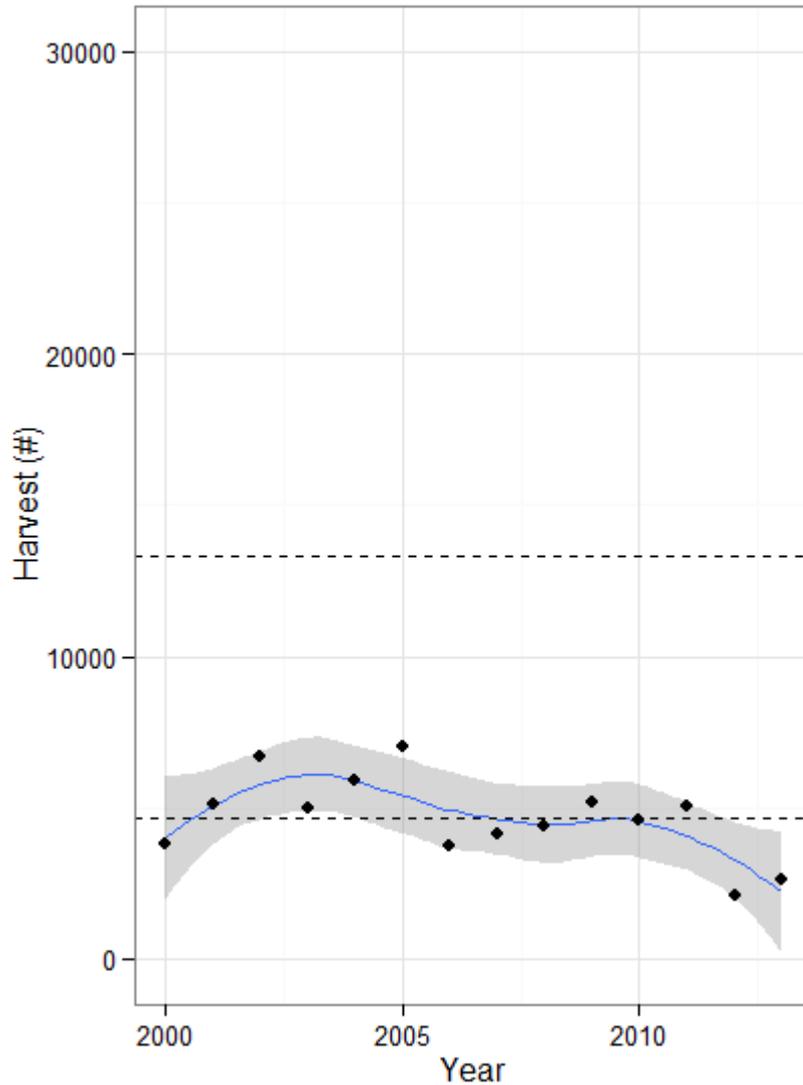


Tags alllocated to state-licensed commercial fishers (10 licenses)

3,900 = 1/3 of State Allocation (2014-15)



WI-1 Fishery



13,300 = Total State Quota (2005-15)

4,673 = Avg. Sport Harvest (2000-13)



Questions

