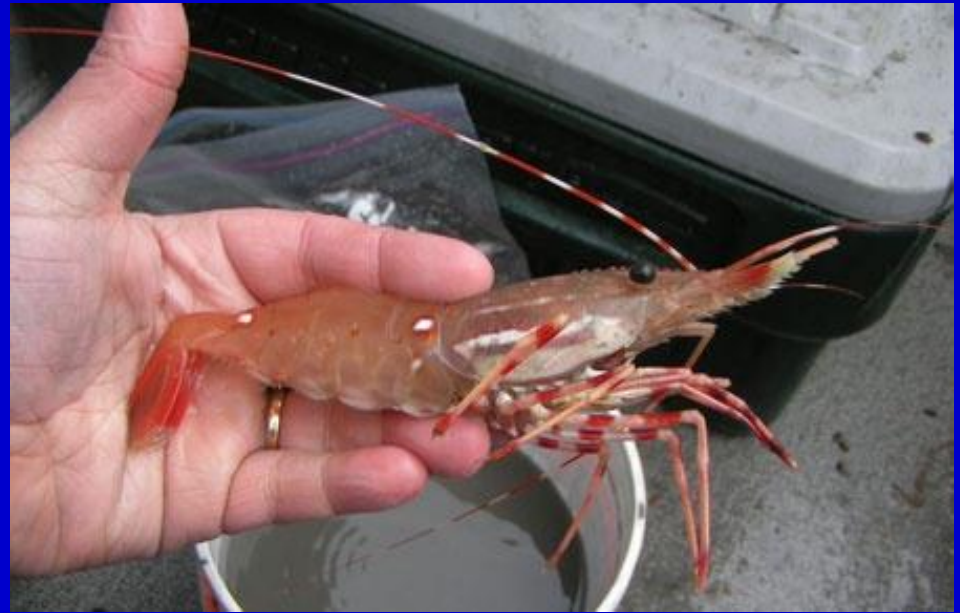


2017 Puget Sound Shrimp Fisheries



Bob Sizemore, Puget Sound Shellfish Manager, Fish Program
Washington Fish and Wildlife Commission Conference Call
June 1, 2018

Presentation Outline

- Key elements of the Puget Sound shrimp fishery policy (C-3610).
- Performance and harvest of the 2017 Puget Sound commercial and recreational spot shrimp fishery.
- Region 1 West and 3 spot shrimp fishery.
- Adjustments to the 2017 spot shrimp fishery.
- Performance and harvest of the 2017 Puget Sound commercial and recreational non-spot shrimp fishery.

Shrimp Species Harvested by Commercial and Recreational Fisheries



Pandalus eous: Pink Shrimp
Overall length 4 inches, trawl fishery
commercial



Pandalus danae: Dock (coonstripe)
Overall length 5 inches, commercial and recreational
pot fishery, and trawl fishery

Pandalus hypsinotus :Coonstripe,
Overall length 7 inches, commercial and recreational
pot fishery, and trawl fishery

Pandalus platyceros: Spot shrimp
Overall length 10 inches, commercial and
recreational pot fishery

Puget Sound Shrimp Fishery Policy C-3610

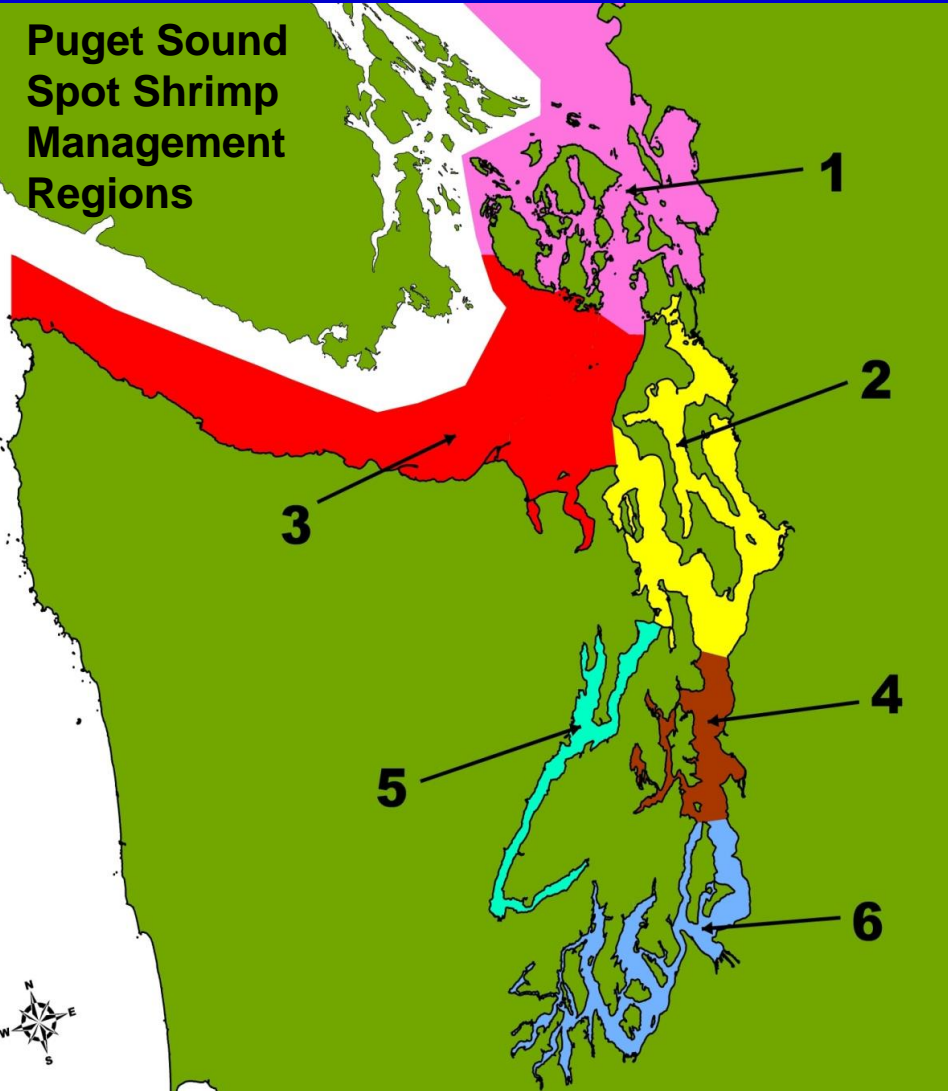
- A revised Puget Sound shrimp fishery policy was adopted by the F&W Commission on December 15, 2012;
- The policy provides for recreational and commercial fisheries that are consistent with conservation goals;
- The allocation objective for Puget Sound spot shrimp harvest opportunity is 70% recreational and 30% commercial, taking into account regional differences;
- The management strategy for Puget Sound non-spot shrimp **pot** fisheries is at least 80% commercial and up to 20% recreational opportunity of the state share of the quota;
- The management strategy for Puget Sound non-spot shrimp **trawl** fishery is to restrict commercial fishing to Shrimp Regions 1 and 3.

Puget Sound Spot Shrimp Fishery



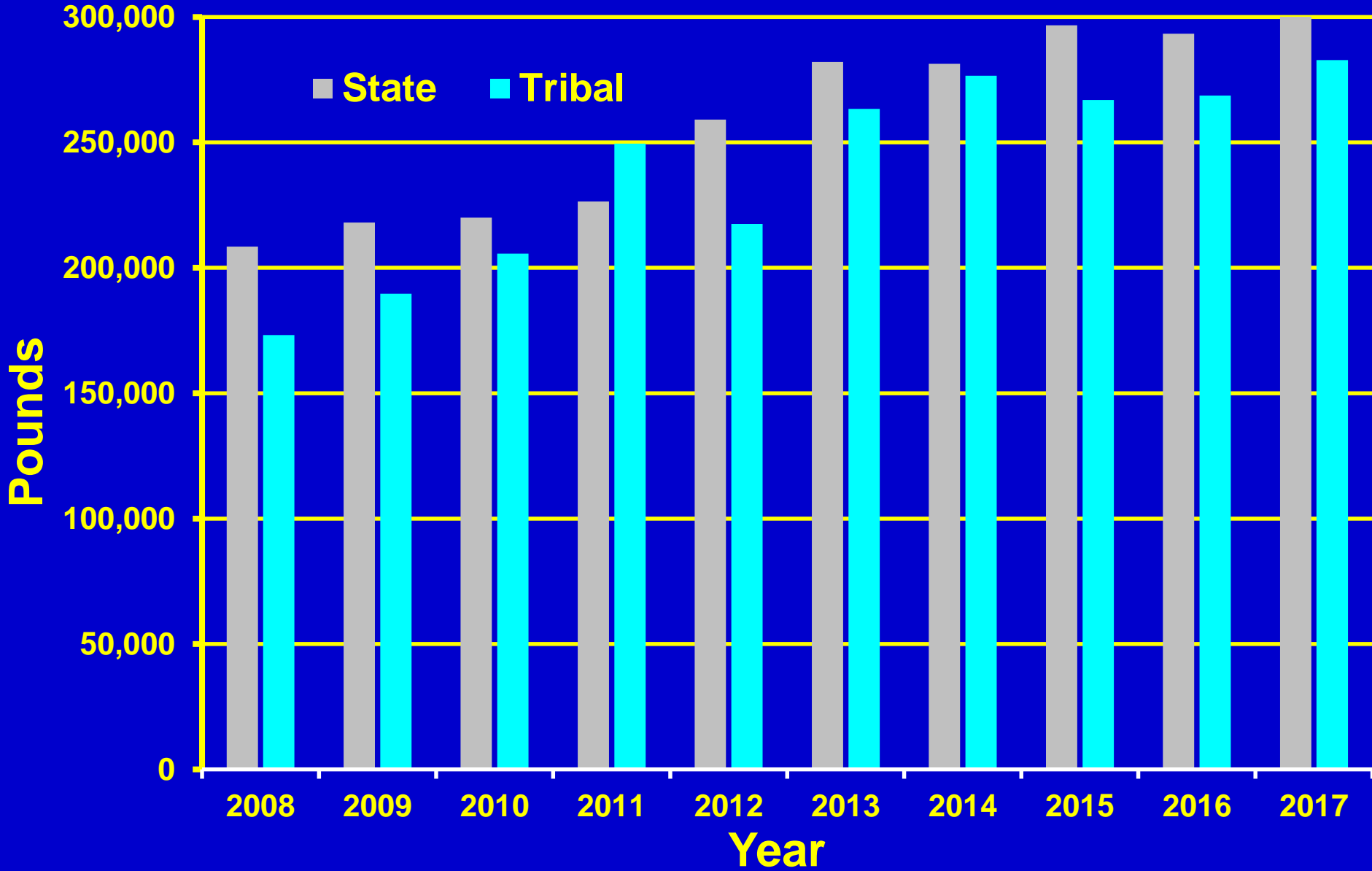
Puget Sound Spot Shrimp Management

Puget Sound Spot Shrimp Management Regions

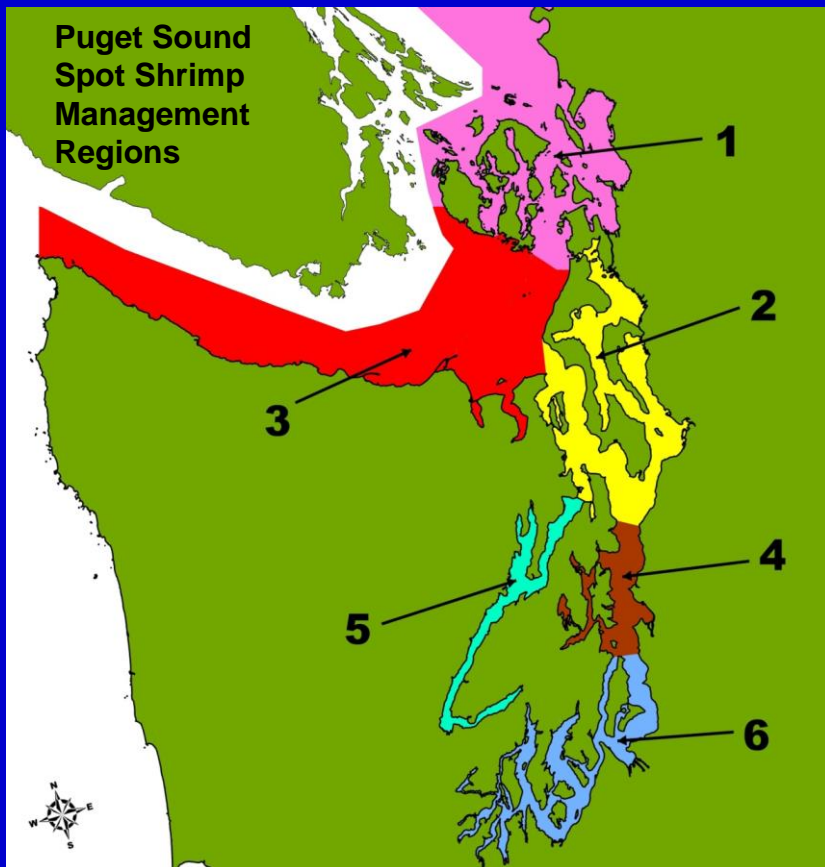


- Six management regions
- Policy C-3610 provides commercial and recreational opportunity in Regions 1 and 3. Regions 2, 4, 5, and 6 are reserved for recreational opportunity only.
- Annual harvest quotas and regional State/Tribal harvest shares are established annually through co-management agreements.

State and Tribal Spot Shrimp Harvest (2008-2017)

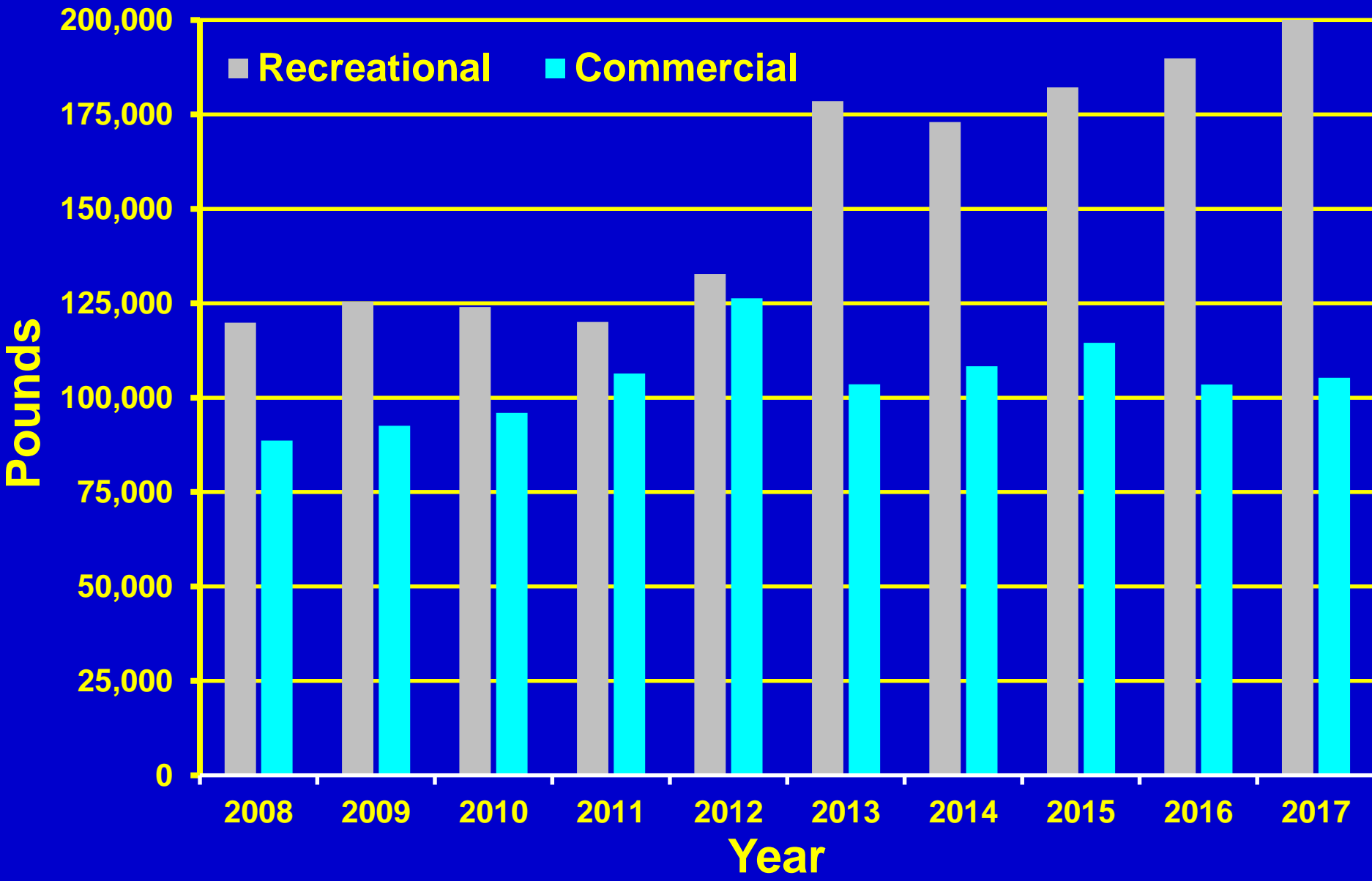


2015-2017 Regional Recreational Spot Shrimp Harvest Results Compared to Allocation Targets

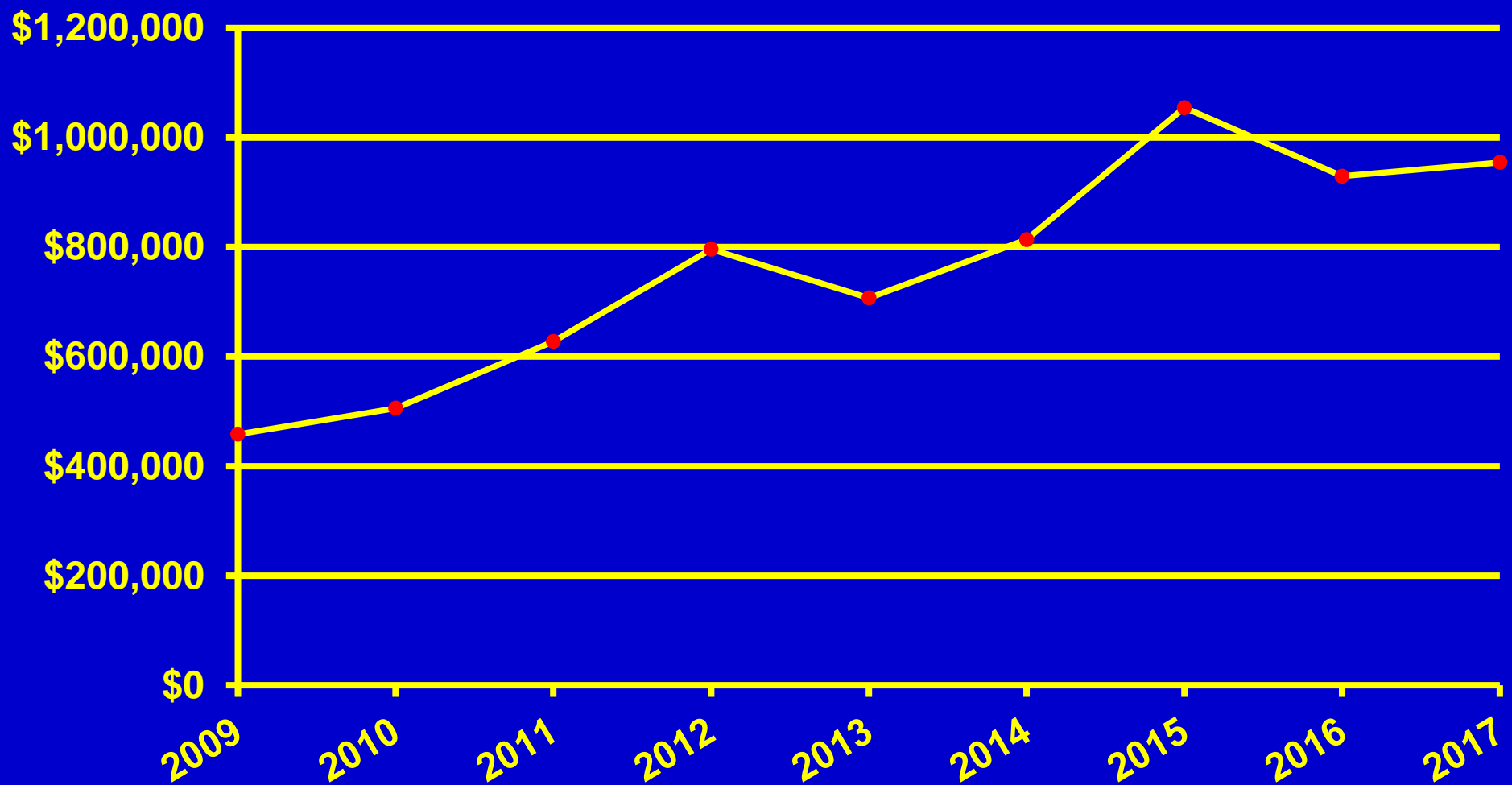


Region	Policy C-3610 Recreational Target %	Actual % Recreational Harvest from Total State Harvest		
		2015	2016	2017
1	80	48	75	75
2	100	100	100	100
3	22	15	21	29
4	100	100	100	100
5	100	100	95	94
6	100	100	100	100
All	70	61	65	66

State Spot Shrimp Harvest (2008-2017)



Total Ex-Vessel Landing Values for the Puget Sound State Commercial Spot Shrimp Fishery 2009-2017

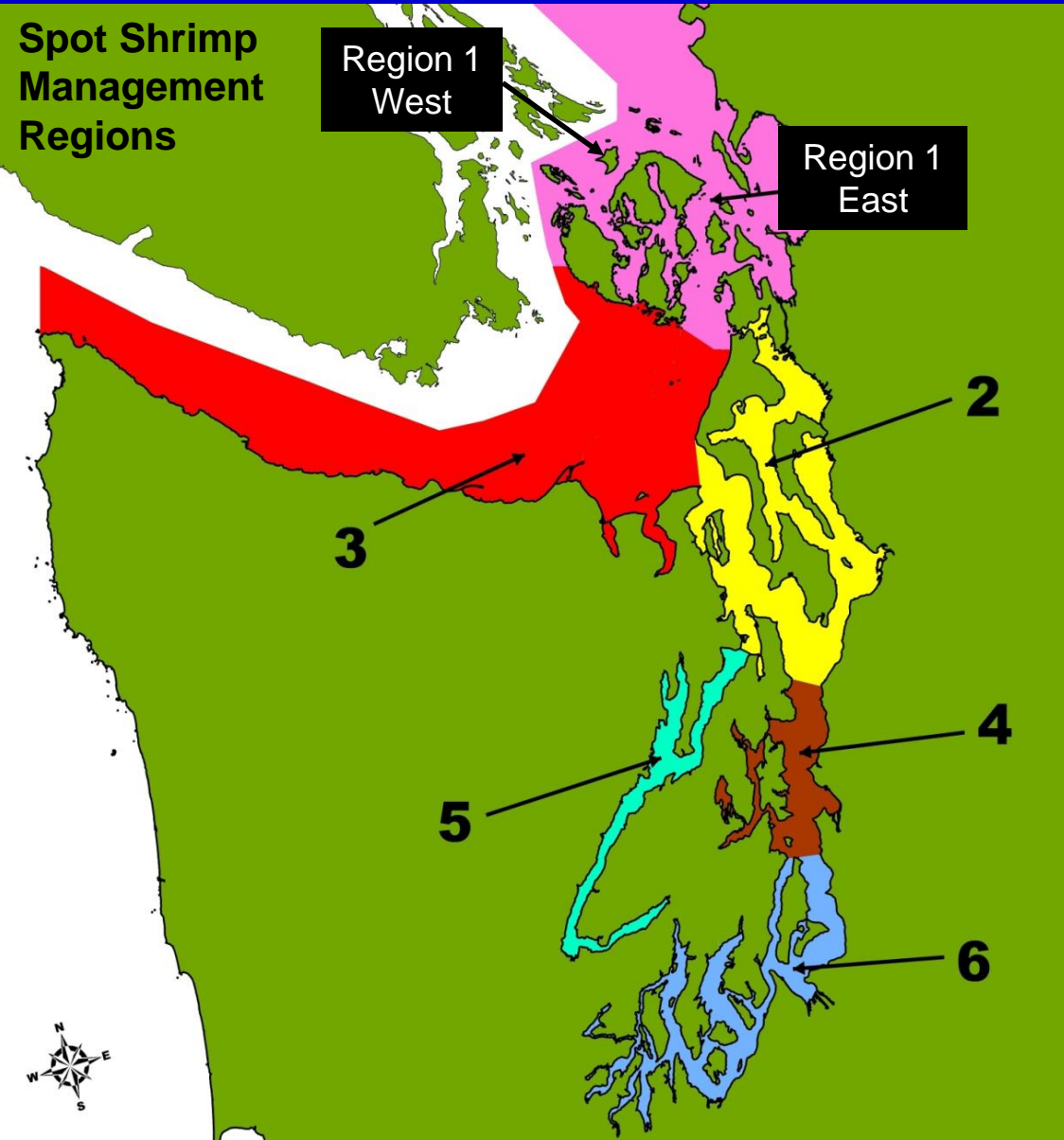


2015-2017 Recreational Harvest Days

Spot Shrimp Management Regions

Region 1 West

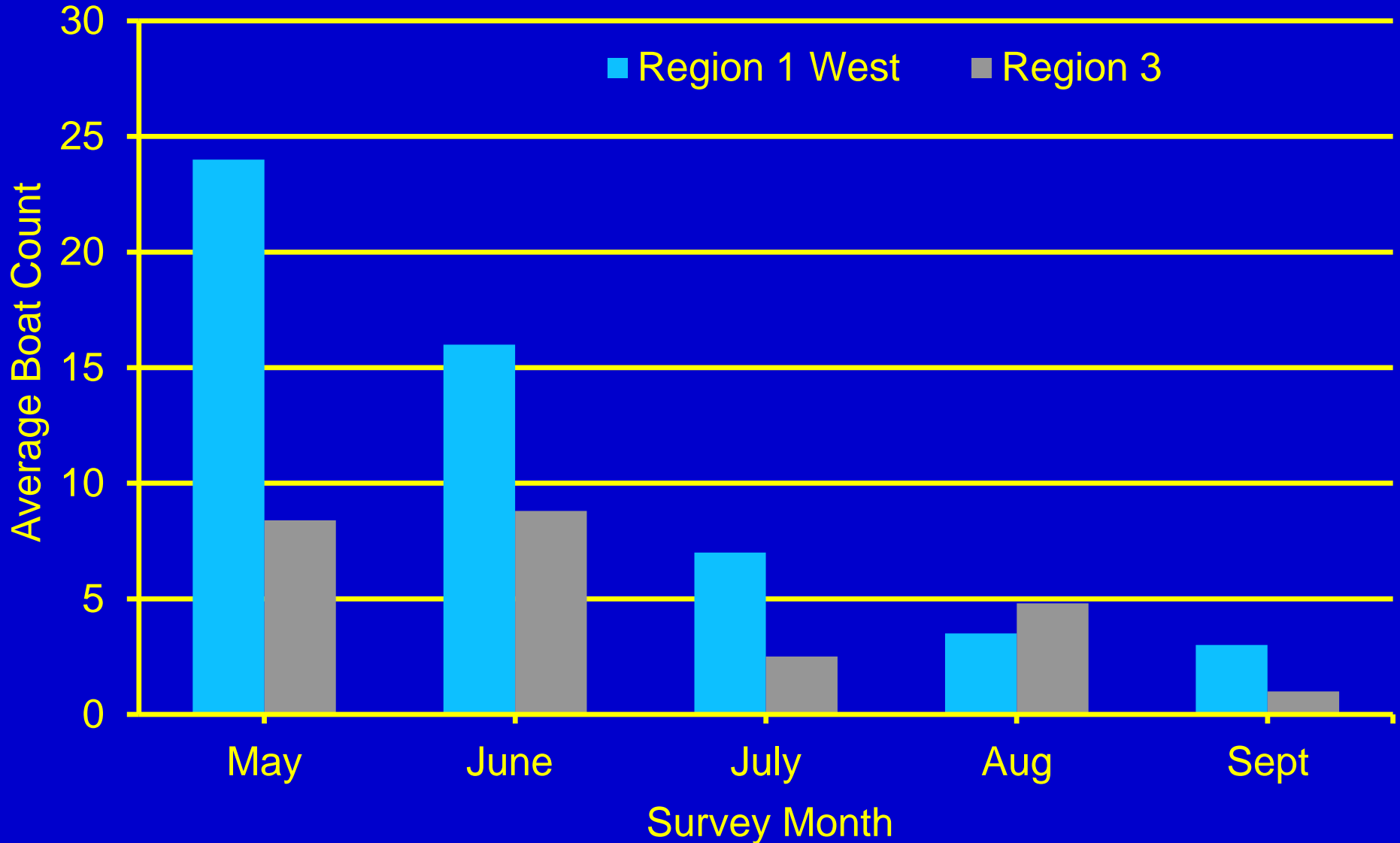
Region 1 East



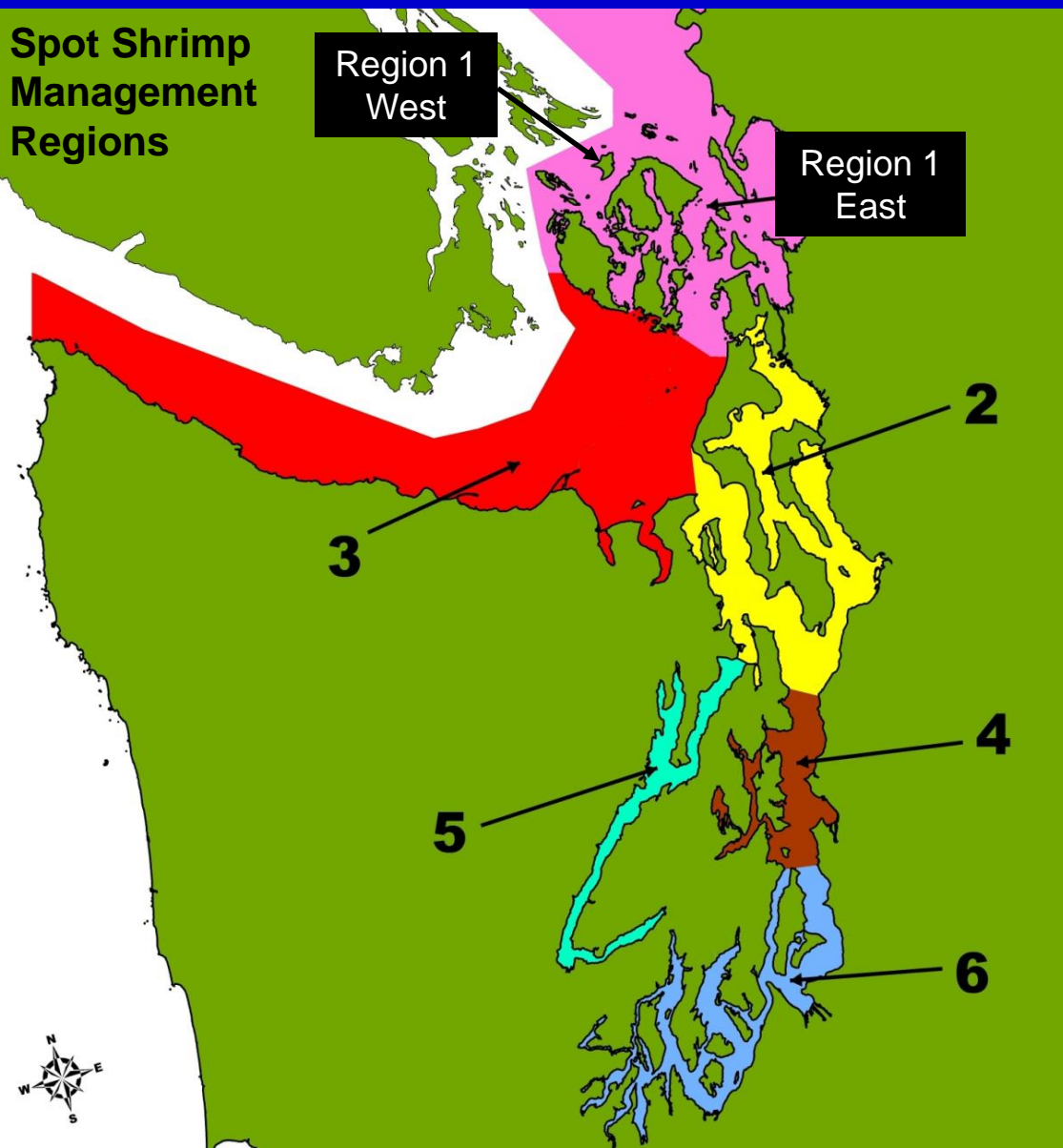
Region	Recreational Days Open		
	2015	2016	2017
1 East	13	18	16
1 West	137	76	72
2	3	2	2
3	137	91	90
4	2	1	1
5	4	4	7
6	1	1*	1*

*1 day in north part of Region 6 and 2 days in south portion.

Average Recreational Spot Shrimp Boat Counts for Region 1 West and 3 (2013-2017)



2017 Region 1 West and 3 Spot Shrimp Fishery



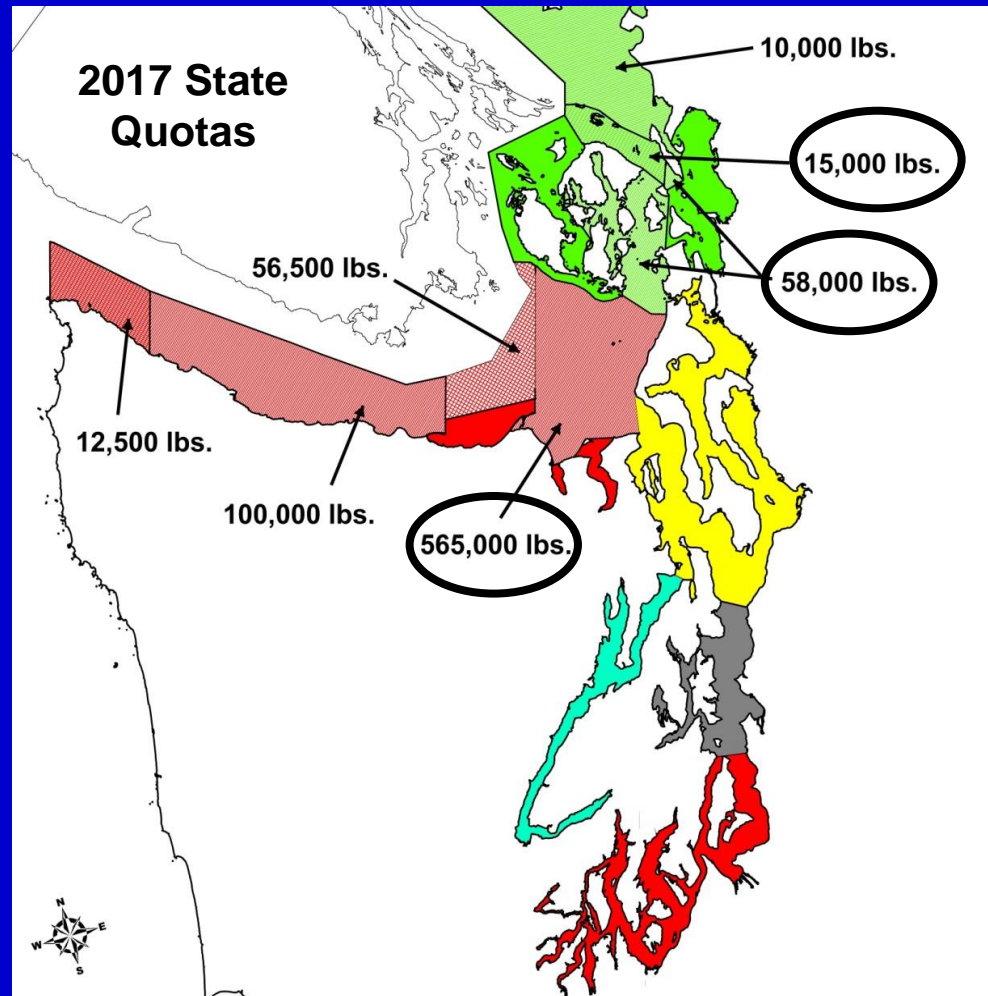
- Recreational fishery harvested the Region 1 East quota in 16 days
- Region 3 and 1 West recreational daily limits were 120 shrimp
- Recreational fishery was open in Region 3 for 90 days and in 1 West for 72 days

Fishery Strategy in Regions 1 and 3 for 2018

- Region 1 West and portions of Region 3 are open daily for recreational harvest;
- Spot shrimp daily limit will start at 80 shrimp in Region 1 West and 120 shrimp in Region 3 to spread effort over more days and provide opportunity through August;
- Any unutilized recreational harvest shares from Region 1 West and 3 will be provided to the commercial fishery.

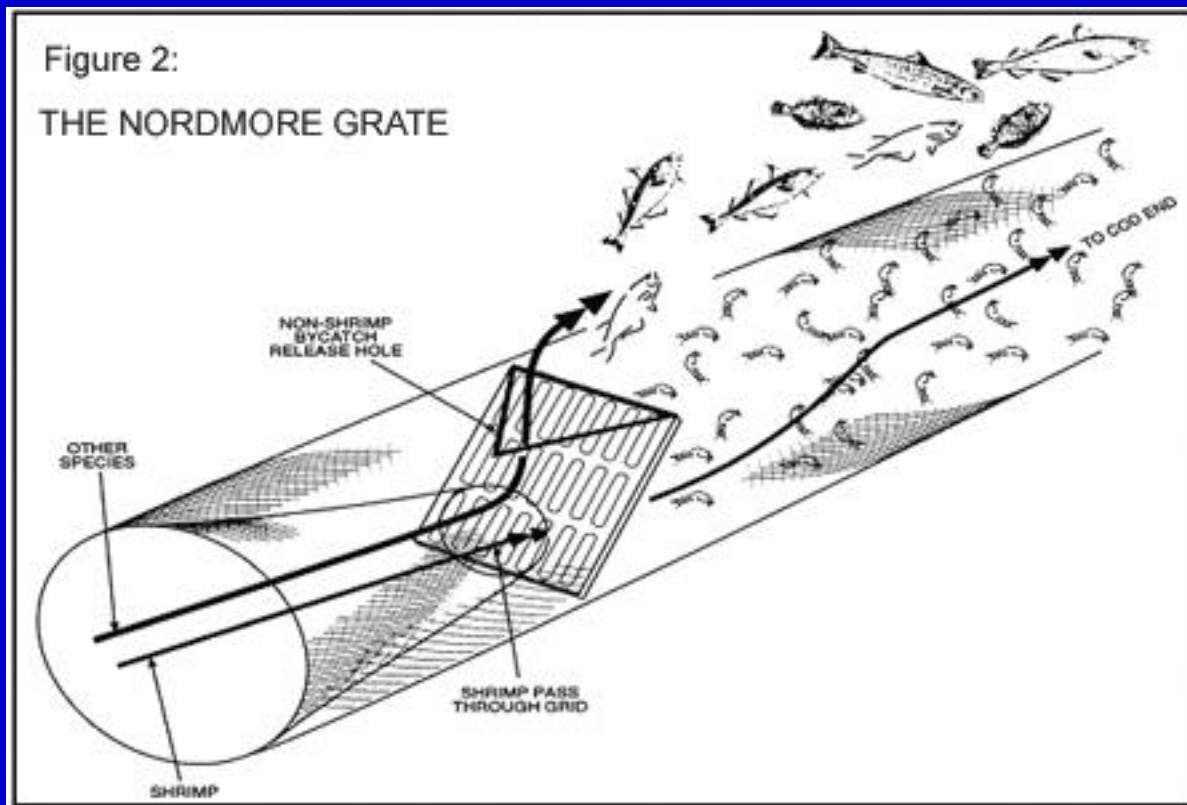
State Non-Spot Shrimp Trawl Fishery

- Limited entry fishery since 2001
- Five transferable permits (4 active past 3 years)
- Fishery restricted to regions 1 and 3 only
- Treaty tribes have not participated
- Not allowed to retain spot shrimp
- Bycatch observer program for ESA listed species initiated in 2011
- Observer data showed an increase in spot shrimp bycatch in 2013-14
- Bycatch excluder device installed on one vessels in 2015 and another vessel in 2017

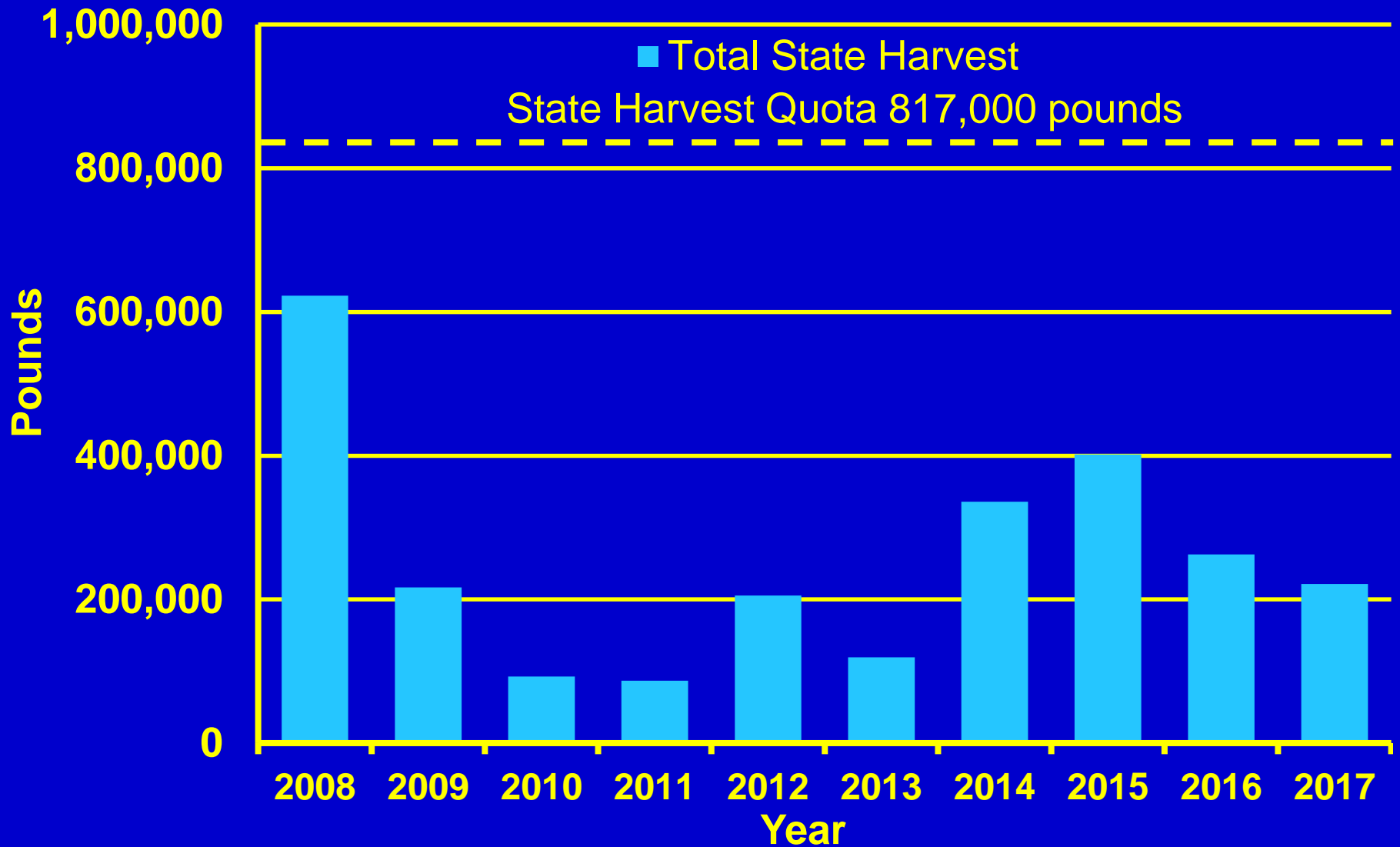


State Non-Spot Shrimp Trawl Fishery

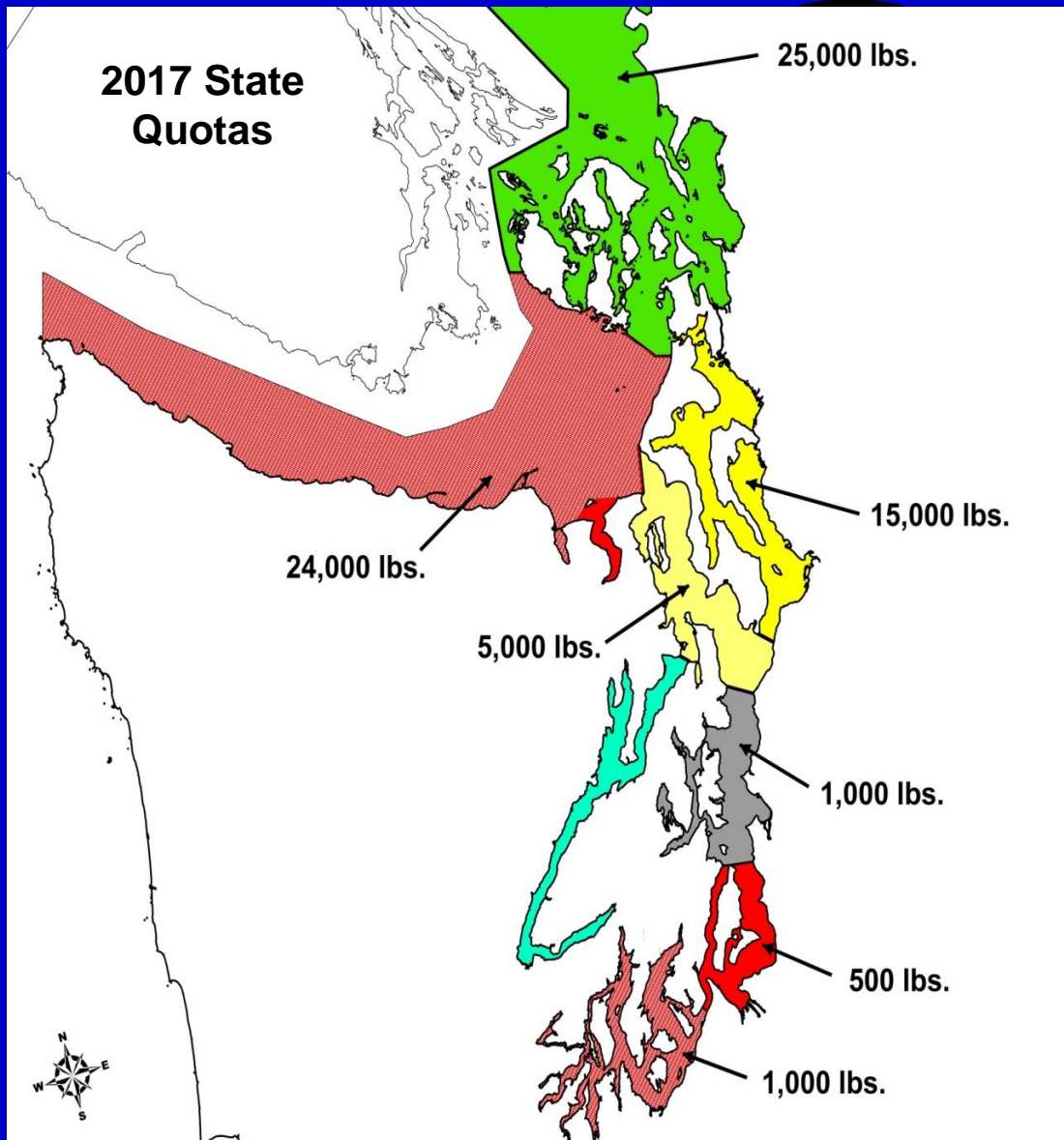
In 2015 one harvester had a trawl built with a Nordmore grate, to exclude spot shrimp and retain non-spot shrimp. In 2017, a second trawler installed an exclusion device.



State Non-Spot Shrimp Trawl Fishery Quota and Harvest (2008-2017)

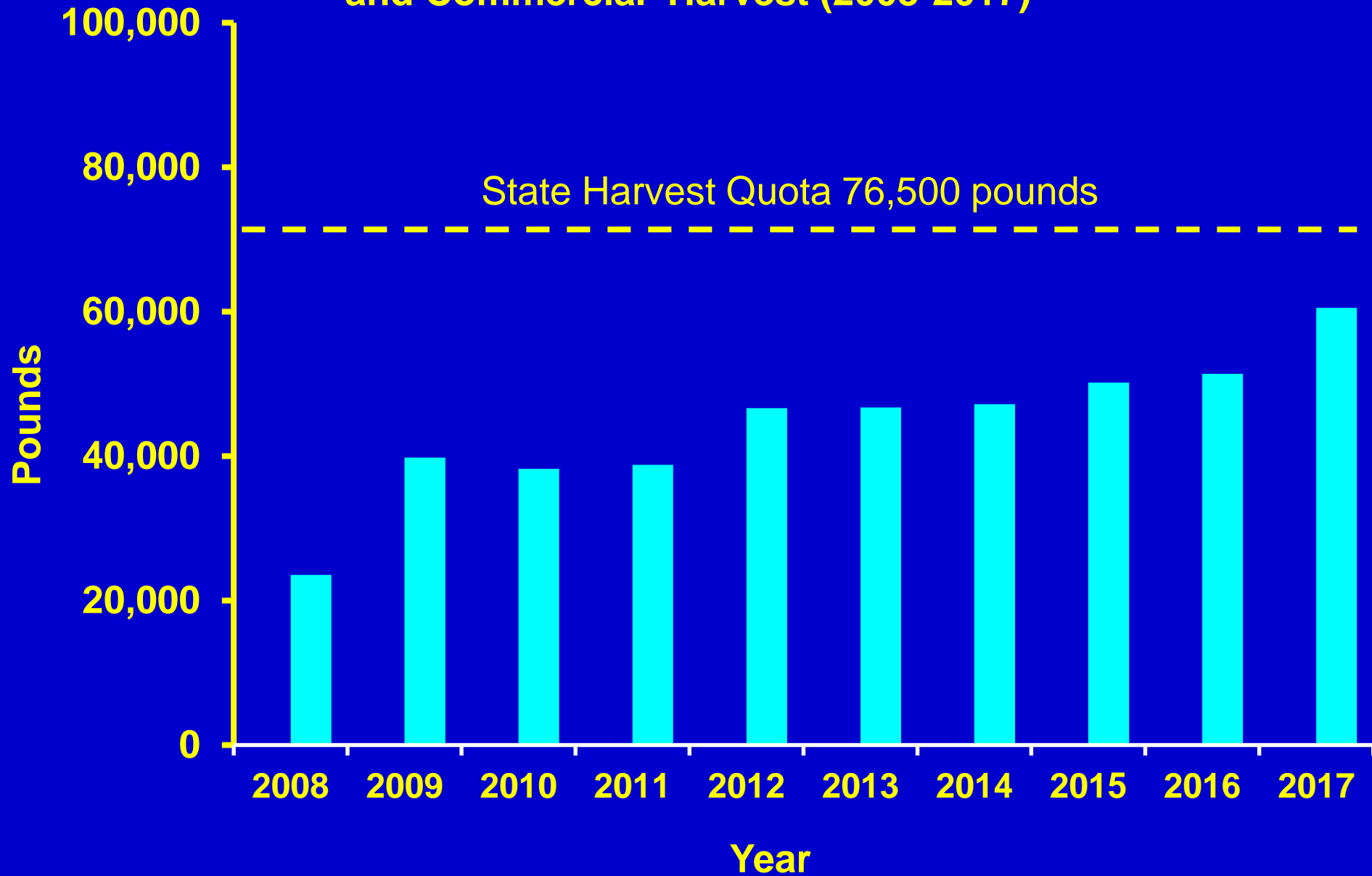


State Non-Spot Shrimp Pot Fishery



- Six management regions
- Limited entry commercial fishery since 2001
- 18 transferable commercial permits valid for both non-spot and spot shrimp
- Recent increase in participation by the treaty tribes
- Very little recreational effort

State Non-Spot Shrimp Pot Fishery Quota and Commercial Harvest (2008-2017)



Summary

- Recreational shrimp fisheries were open in all Puget Sound regions.
- Commercial fisheries occurred in Regions 1 and 3 as per policy C-3610.
- Overall the recreational fishery harvested 66% of the state's spot shrimp quota in 2017. Policy C-3610 defines an overall recreational target of 70%.
- The recreational fishery was able to catch the spot shrimp quota in Region 1 West and there was no transfer of recreational share to the commercial fishery in late August as in previous years.
- To target the overall 70% recreational harvest allocation, and also provide opportunity to fish through the summer, daily spot shrimp limits in Regions 1 and 3 were set at 120 shrimp.
- In 2018, daily spot shrimp limits in Regions 1 and 3 will likely be 80 and 120 shrimp, respectively.

Questions

