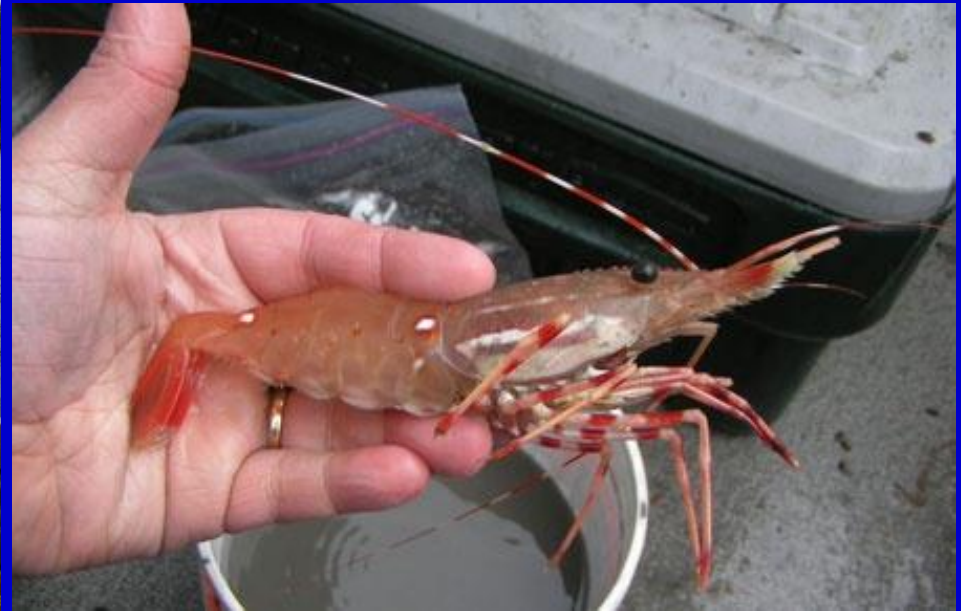


2016 Puget Sound Shrimp Fishery



Bob Sizemore, Puget Sound Shellfish Manager, Fish Program
Washington Fish and Wildlife Commission Meeting
August 4-5, 2017

Presentation Outline

- Key elements of the Puget Sound shrimp fishery policy (C-3610)
- Performance and harvest of the 2016 Puget Sound commercial and recreational spot shrimp fisheries
- Region 1 West and 3 spot shrimp fishery
- Adjustments to the 2017 spot shrimp fishery
- Performance and harvest of the 2016 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

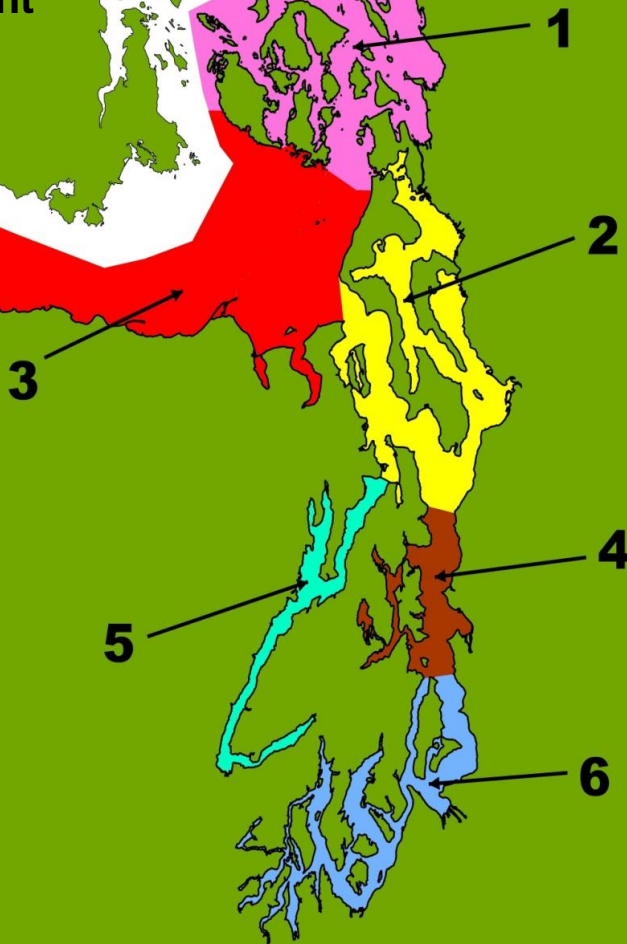
- A revised Puget Sound shrimp fishery policy was adopted by the Commission on December 15, 2012
- Preserve, protect and perpetuate Puget Sound shrimp resources
- Provides for recreational and commercial fisheries that is consistent with conservation goals
- The allocation objective for Puget Sound spot 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 80% commercial and 20% recreational opportunity of the state share of the quota
- The management strategy for Puget Sound non-spot trawl fishery is to restrict fishing to Shrimp Regions 1 and 3 for commercial harvest only

Puget Sound Spot Shrimp Fishery



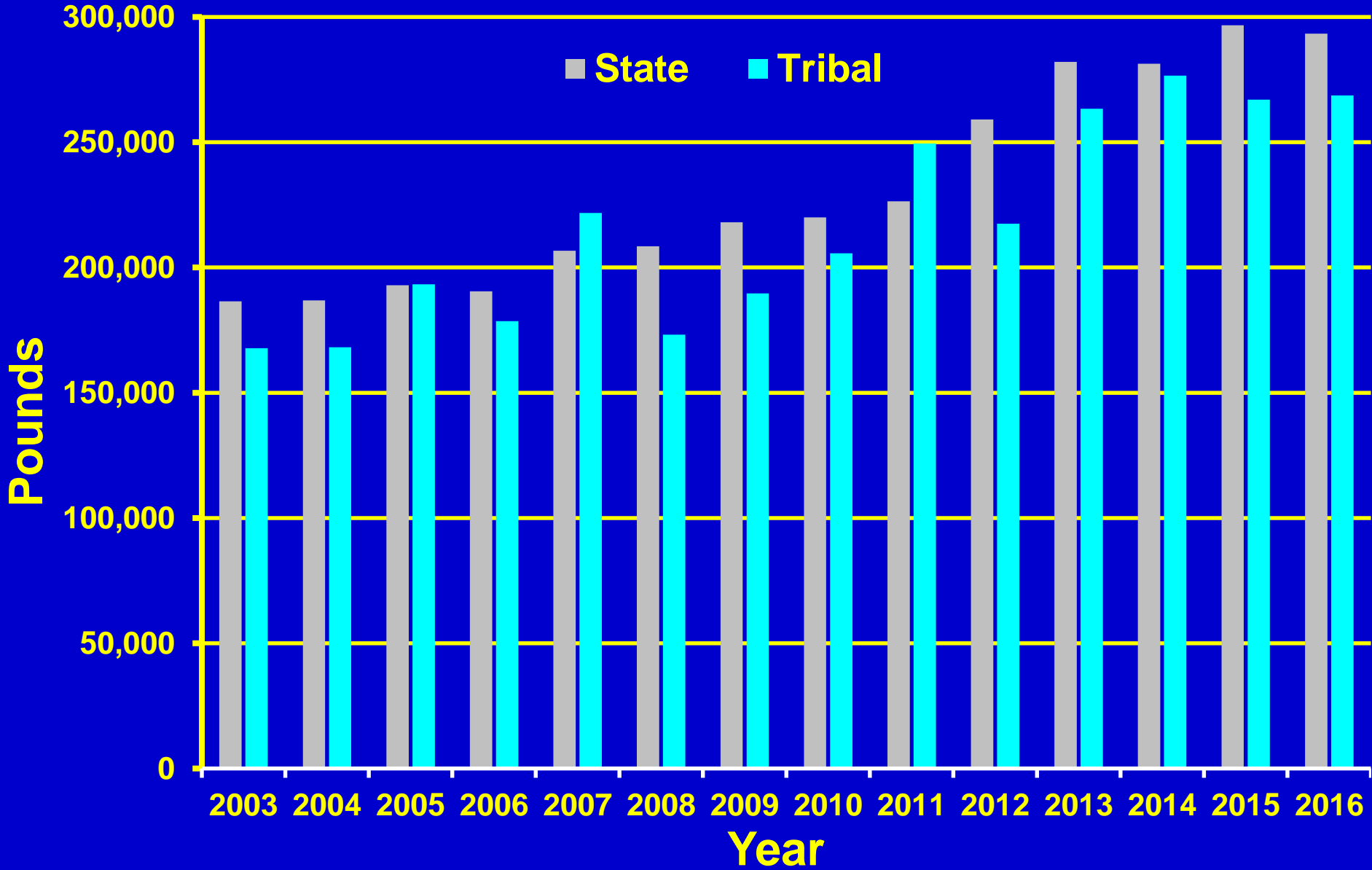
Puget Sound Spot Shrimp Management

Puget Sound Spot Shrimp Management Regions

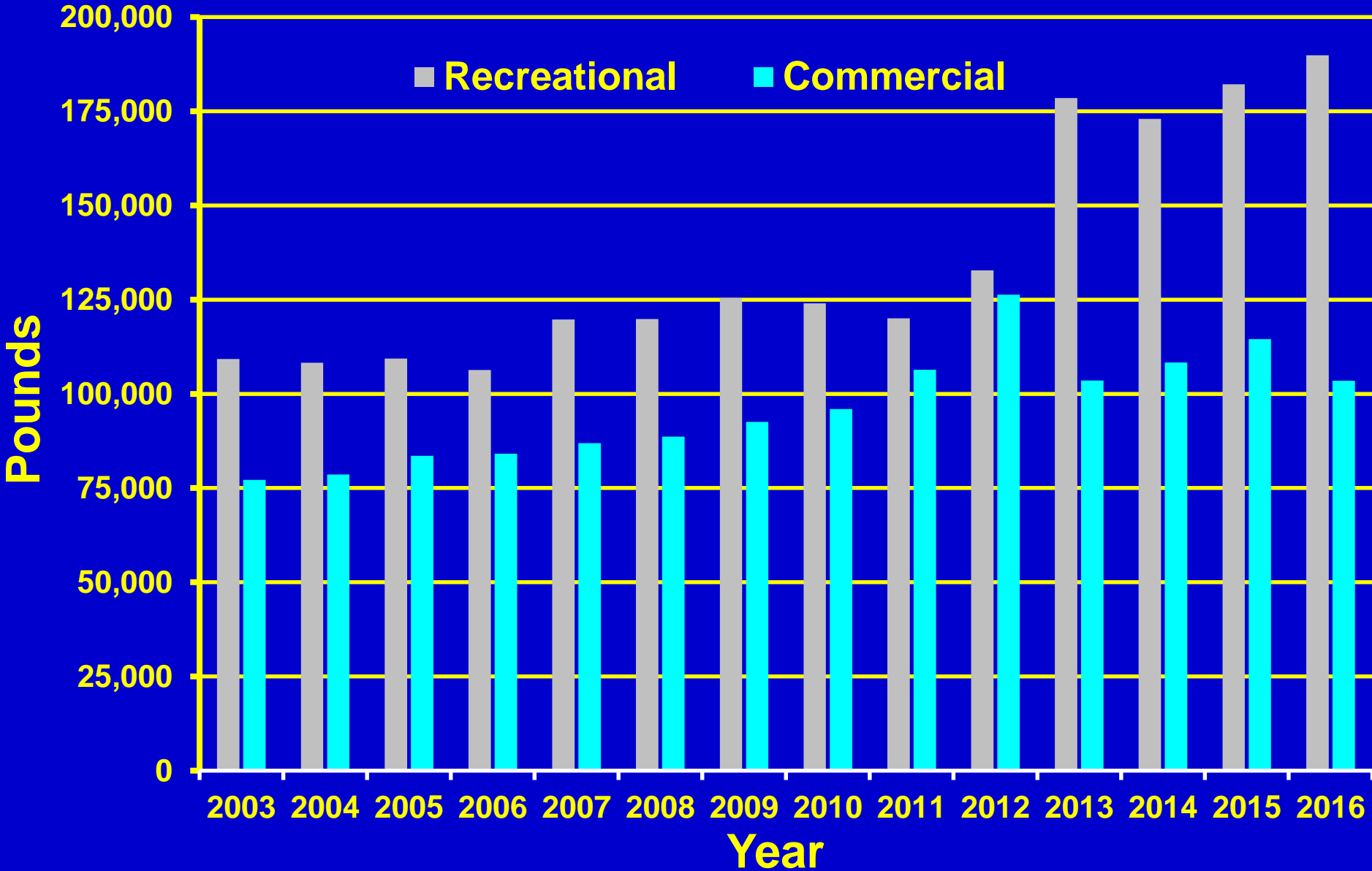


- Six management regions
- Policy C-3610 provides commercial and recreational opportunity in Regions 1 and 3. Regions 2, 4, 5, and 6 are reserved for recreational opportunity only
- Annual harvest quotas and regional State/Tribal harvest shares are established annually through co-management agreements

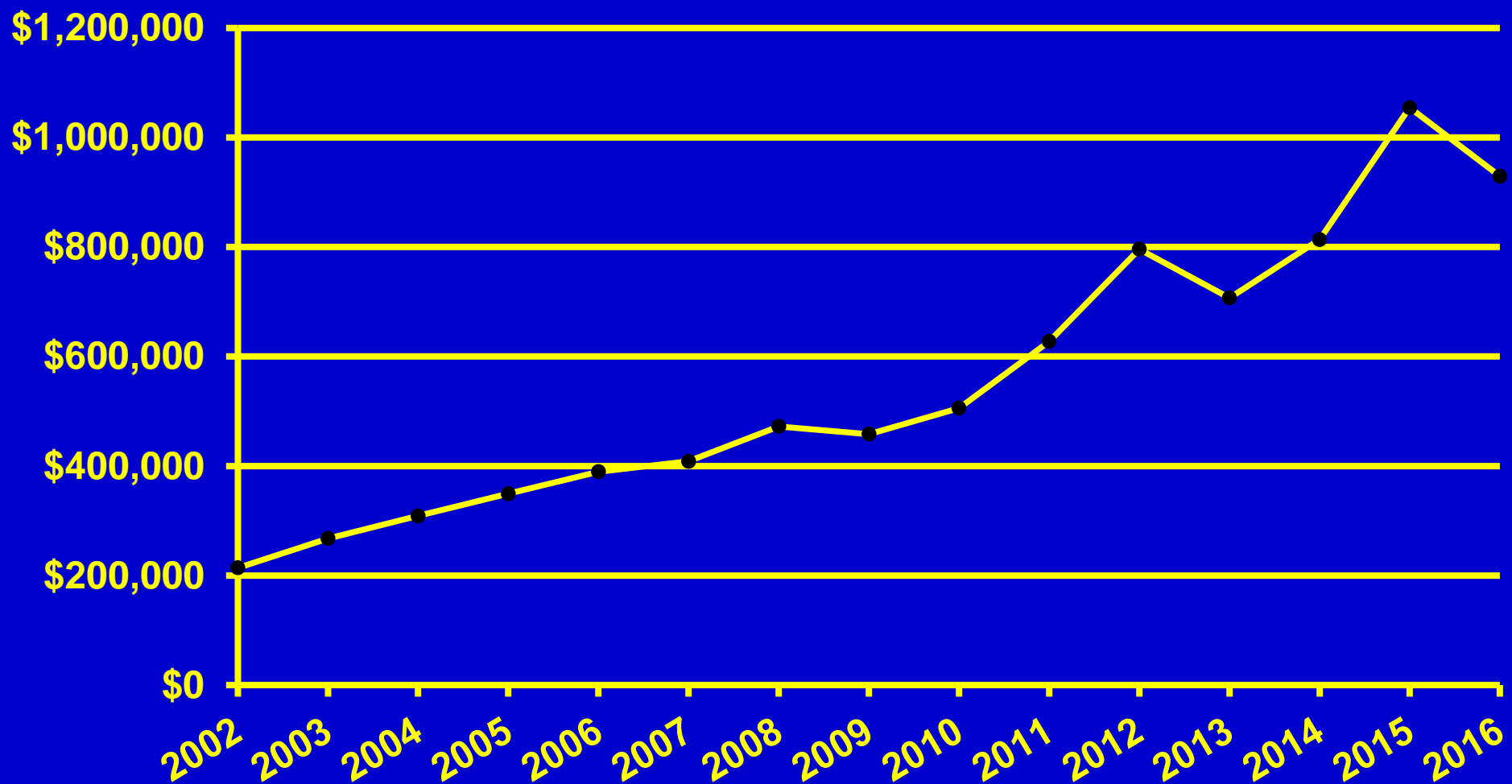
State and Tribal Spot Shrimp Harvest (2003-2016)



State Spot Shrimp Harvest (2003-2016)

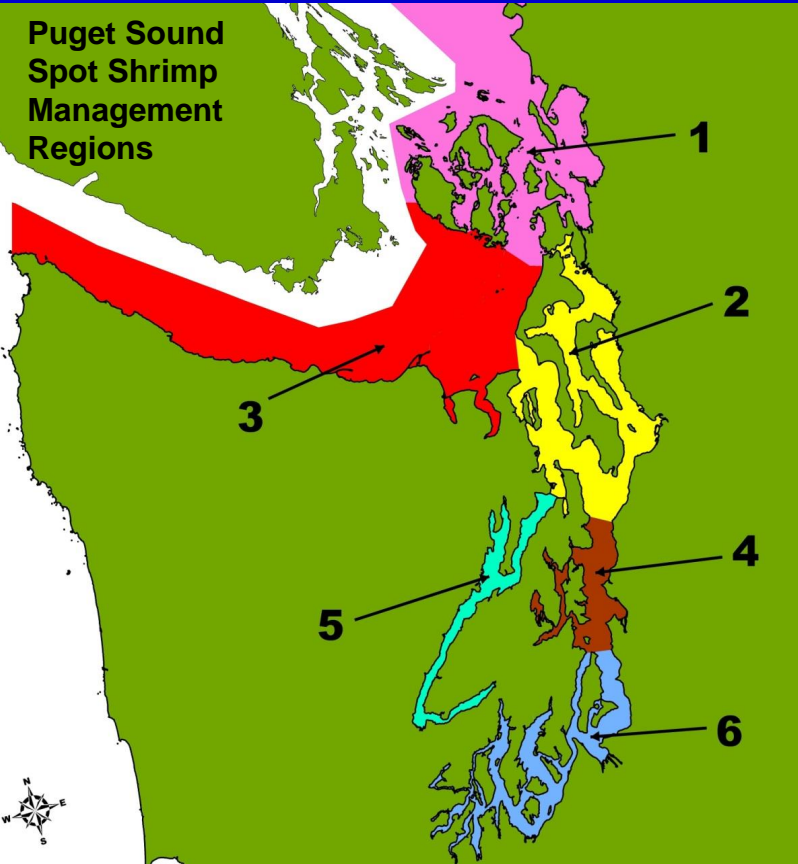


Total Ex-Vessel Landing Values for the Puget Sound State Commercial Spot Shrimp Fishery 2002-2016



2014-2016 Regional Recreational Spot Shrimp Harvest Results

Puget Sound Spot Shrimp Management Regions



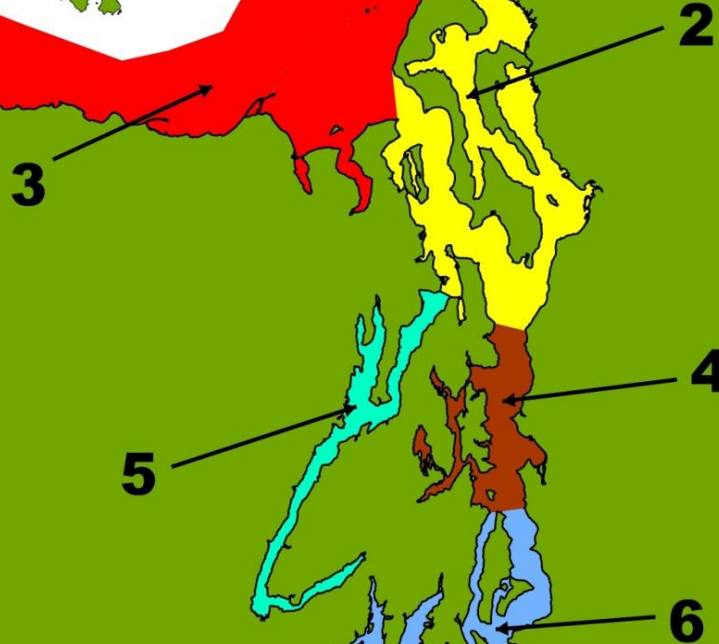
Region	Policy C-3610 Recreational Target %	Actual % Recreational Harvest from Total State Harvest		
		2014	2015	2016
1	80	45	48	75
2	100	94	100	100
3	22	25	15	21
4	100	100	100	100
5	100	95	100	95
6	100	100	100	100
All	70	62	61	65

2014-2016 Recreational Harvest Days

Spot Shrimp Management Regions

Region 1 West

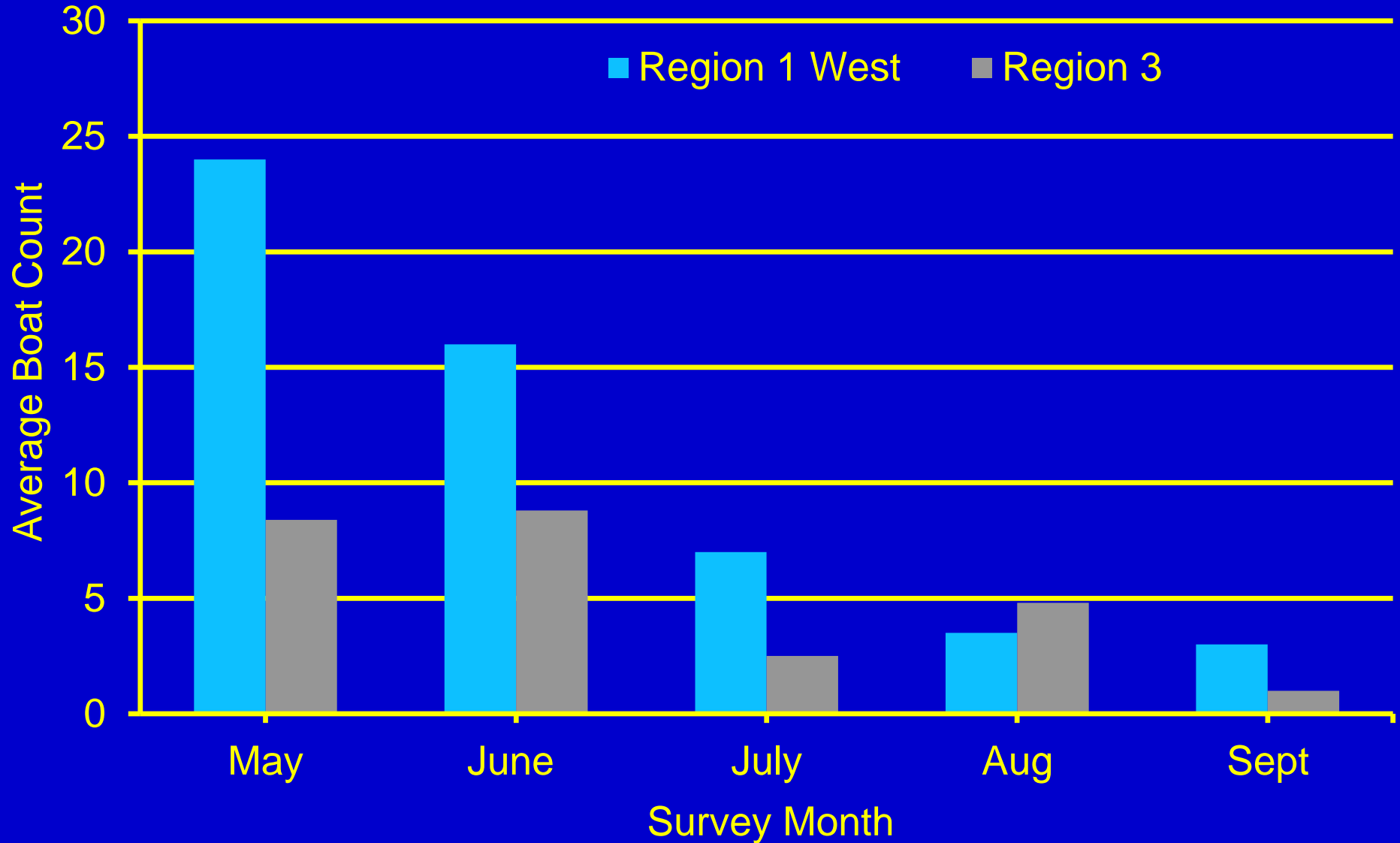
Region 1 East



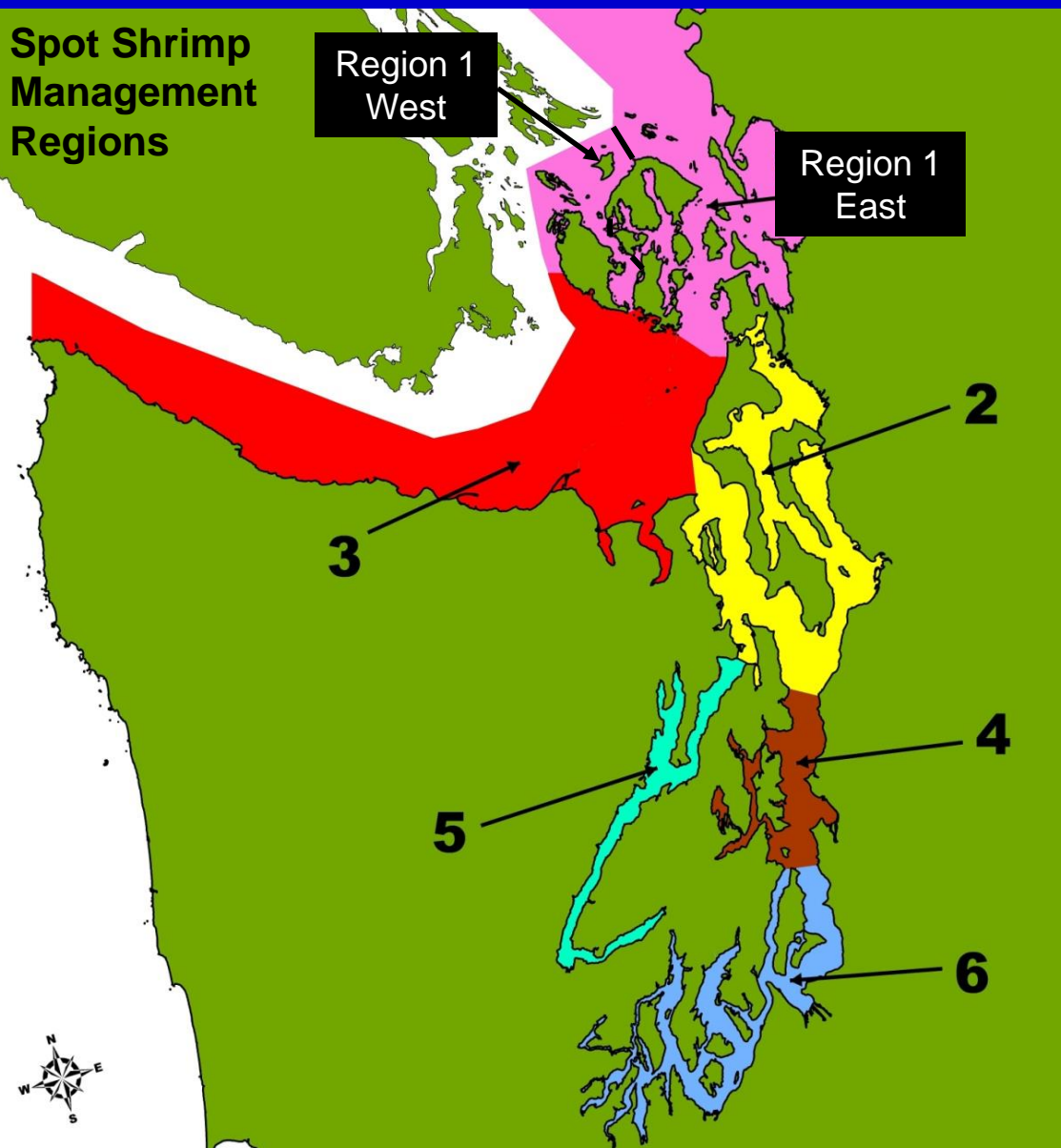
Region	Recreational Days Open		
	2014	2015	2016
1 East	13	13	18
1 West	120	137	76
2	3	3	2
3	135	137	91
4	2	2	1
5	4	4	4
6	3	1	1*

*1 day in north part of Region 6 and 4 days in south portion.

Average Recreational Spot Shrimp Boat Counts for Region 1 West and 3 (2013-2016)



Regions 1 and 3 Seasons and Harvests



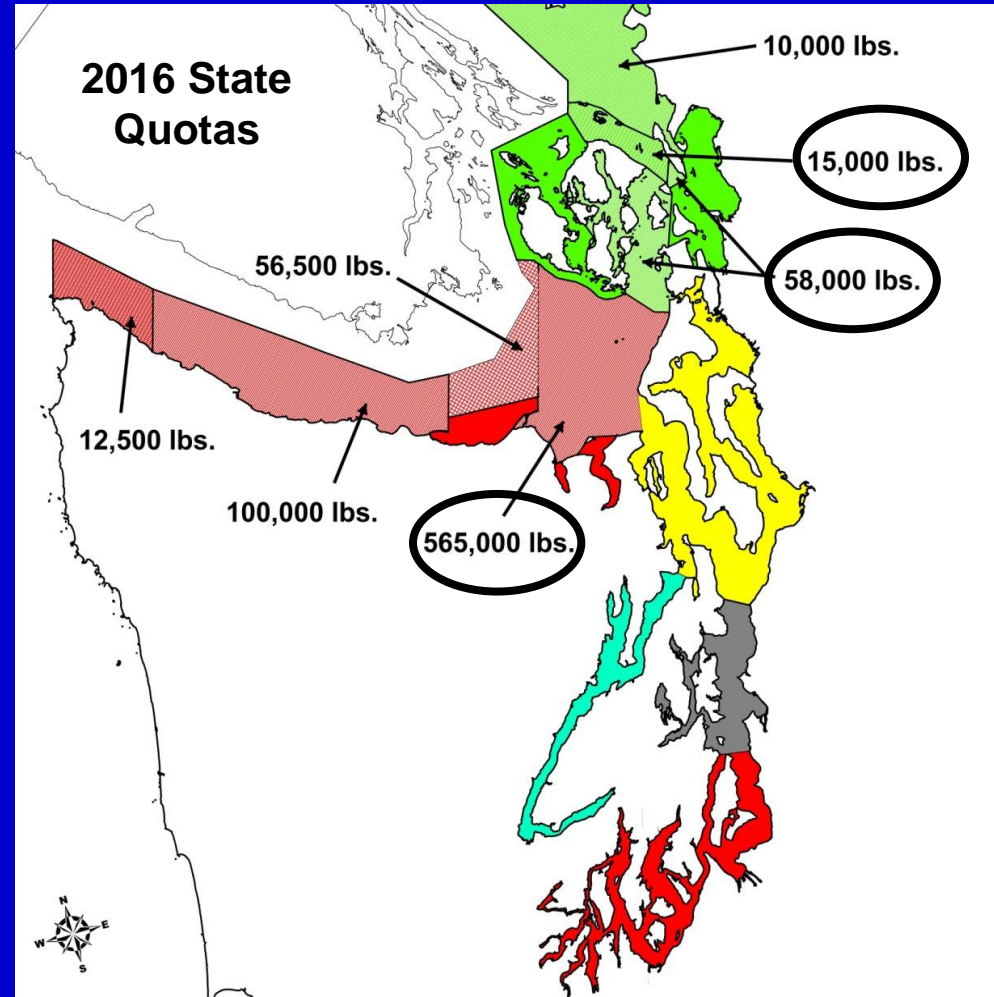
- Recreational fishery harvested the Region 1 East quota in 18 days
- Region 3 and 1 West recreational daily limits were raised to 160 on June 1
- Recreational fishery was open in Region 3 for 91 days and in 1 West for 76 days
- Recreational share of 32,000 lbs. in Region 1 West was caught by July 28th
- Most of the recreational share of 25,000 lbs. in Region 3 was caught by August 14
- About 2,000 lbs. of recreational spot shrimp share was released to the commercial fishery from Region 3 in 2016

Fishery Adjustments in Regions 1 and 3 For 2017

- Region 1 West and portions of Region 3 are open daily for recreational harvest, starting on May 6
- Spot shrimp daily limit is 120 shrimp in Region 1 West and 3, starting on June 1
- Any unutilized recreational harvest shares from Region 1 West and 3 will be provided to the commercial fishery

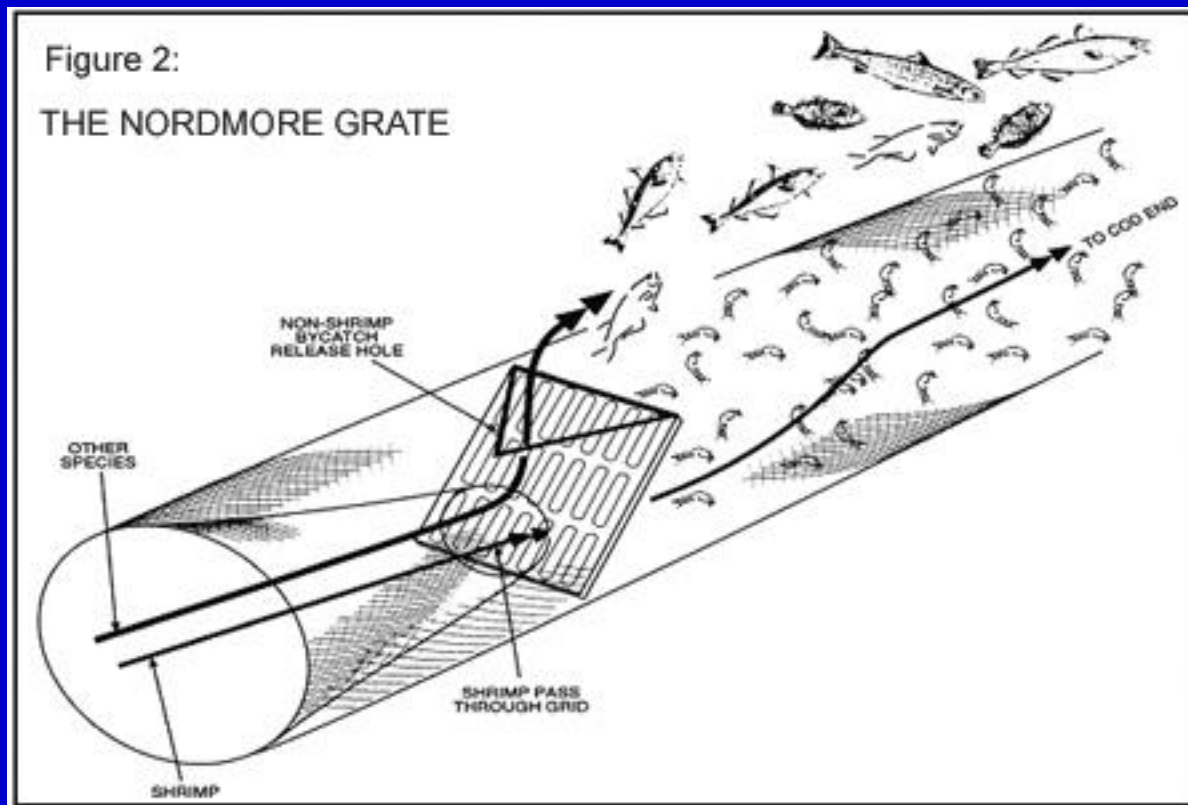
State Non-Spot Shrimp Trawl Fishery

- Five transferable permits (4 active past 3 years)
- Fishery restricted to regions 1 and 3 only
- Not allowed to retain spot shrimp
- Bycatch observer program for ESA listed species initiated in 2011
- Observer data shows an increase in spot shrimp bycatch in 2013-14

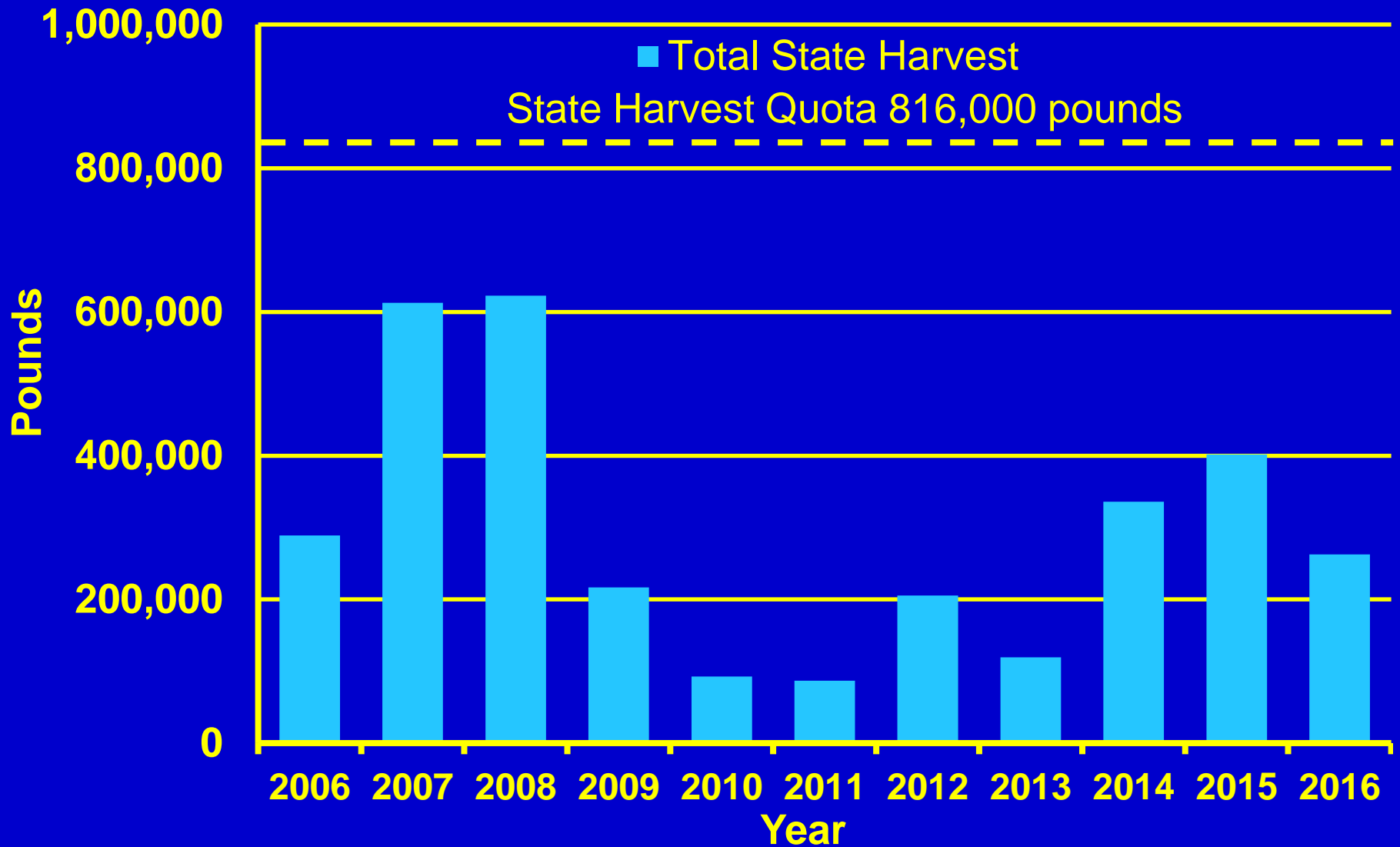


State Non-Spot Shrimp Trawl Fishery

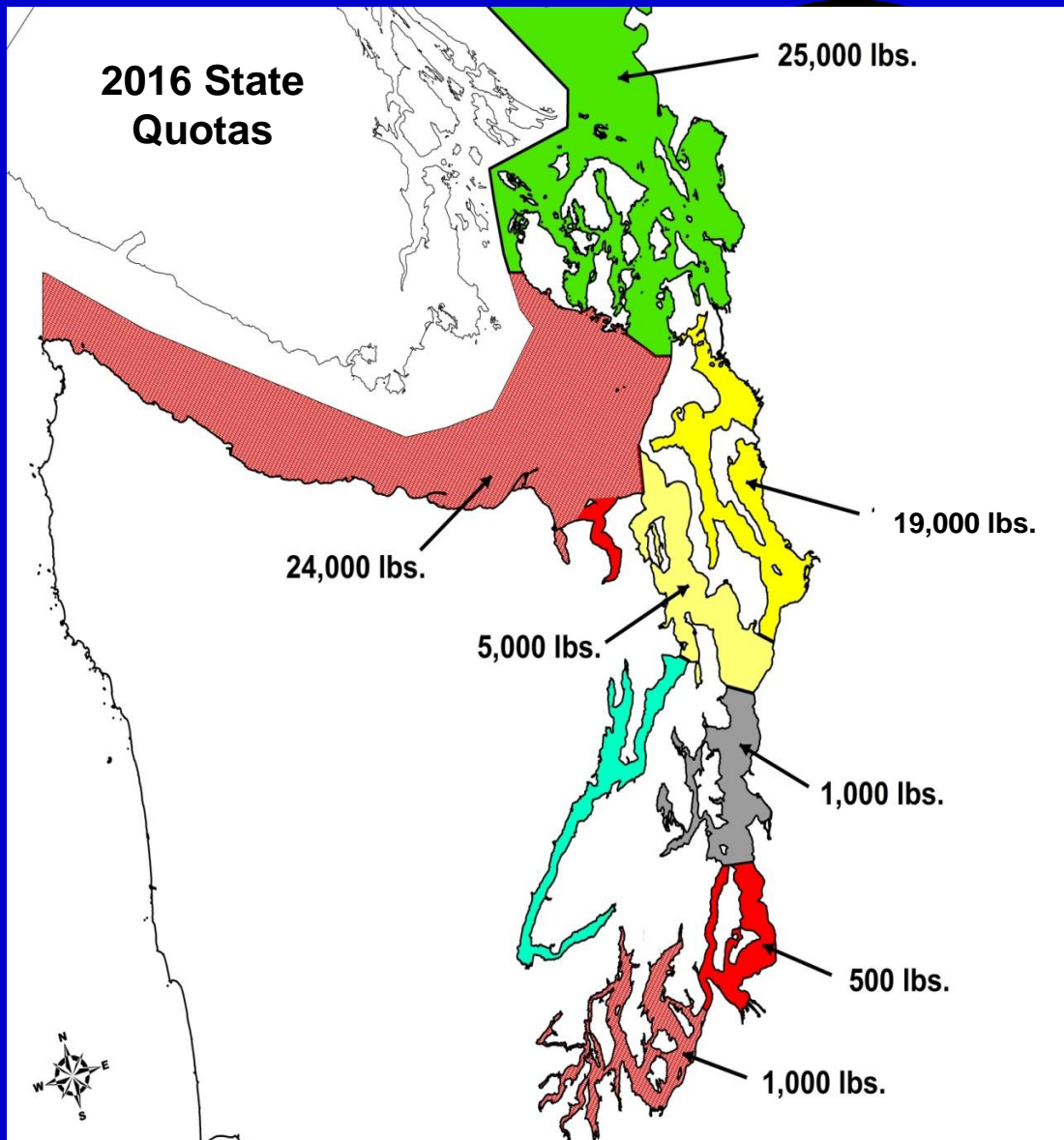
In 2015 one harvester had a trawl built with a Nordmore grate, to exclude spot shrimp and retain non-spot shrimp.



State Non-Spot Shrimp Trawl Fishery Quota and Harvest (2006-2016)

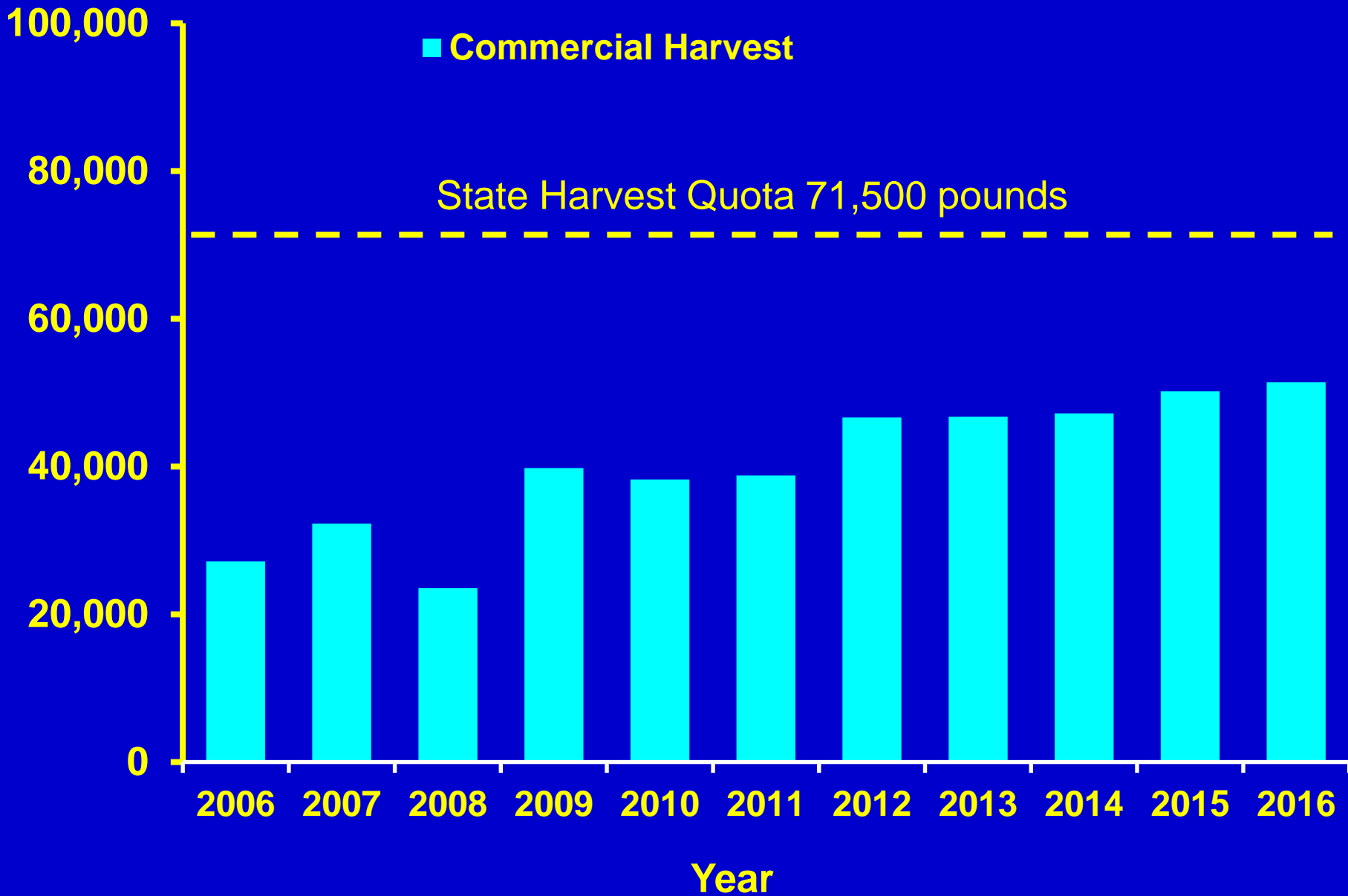


State Non-Spot Shrimp Pot Fishery



- 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 Harvest (2006-2016)



Summary

- Recreational shrimp fisheries were open in all Puget Sound regions.
- Policy C-3610 defines an overall recreational target of 70%. Overall the recreational fishery harvested 65% of the state's spot shrimp quota in 2016.
- The recreational fishery was able to catch the spot shrimp harvest target in Region 1 West and Region 3, 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 quota, adjustments were made in the 2017 fishery by revising length of the season, open days of the week, and daily limits in Regions 1 and 3 to provide additional recreational harvest opportunity.
- Commercial non-spot fisheries occurred in Regions 1 and 3 as per policy C-3610. These fisheries currently under-utilize the non-spot quota.

Questions

