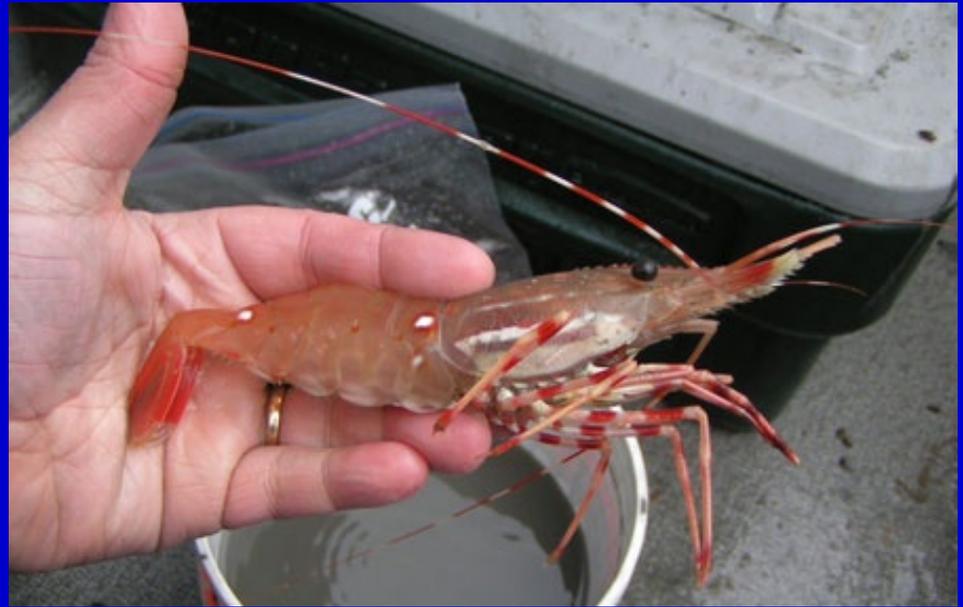


2014 Puget Sound Shrimp Fishery



Rich Childers; Puget Sound Shellfish Manager, Fish Program
Washington Fish and Wildlife Commission Meeting
April 9-10, 2015

Presentation Outline

- Key elements of the Puget Sound shrimp fishery policy (C-3610);
- Performance and harvest of the 2014 Puget Sound commercial and recreational non-spot shrimp fishery;
- 2014 commercial non-spot shrimp trawl fishery and emerging bycatch concern;
- Performance and harvest of the 2014 Puget Sound commercial and recreational spot shrimp fishery;
- Region 1 spot shrimp fishery ;
- Adjustments to the 2015 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

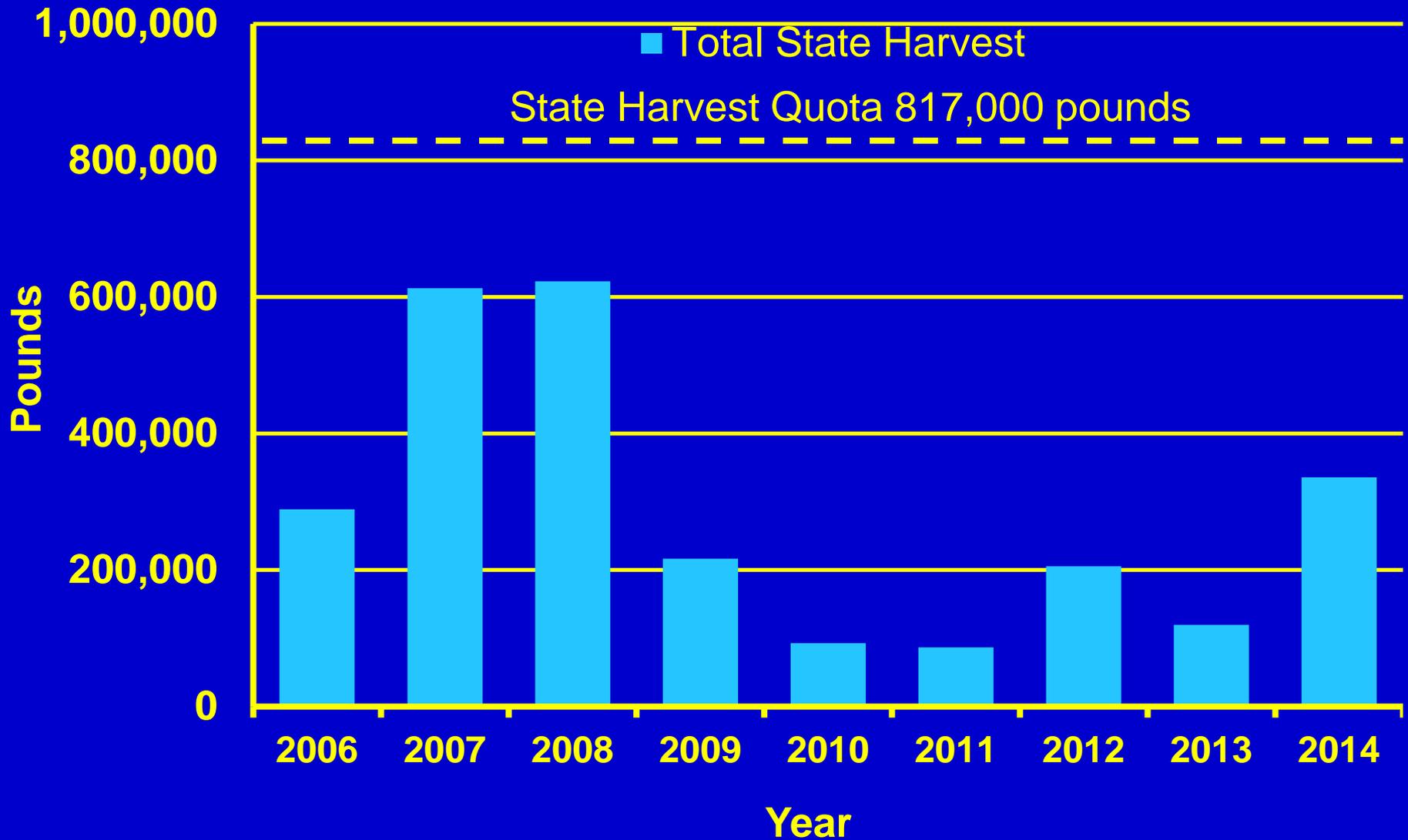
Pandalus hypsinotus :Coonstripe,
Overall length 7 inches, commercial and recreational
pot fishery, and trawl fishery

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

Puget Sound Shrimp Fishery Policy C-3610

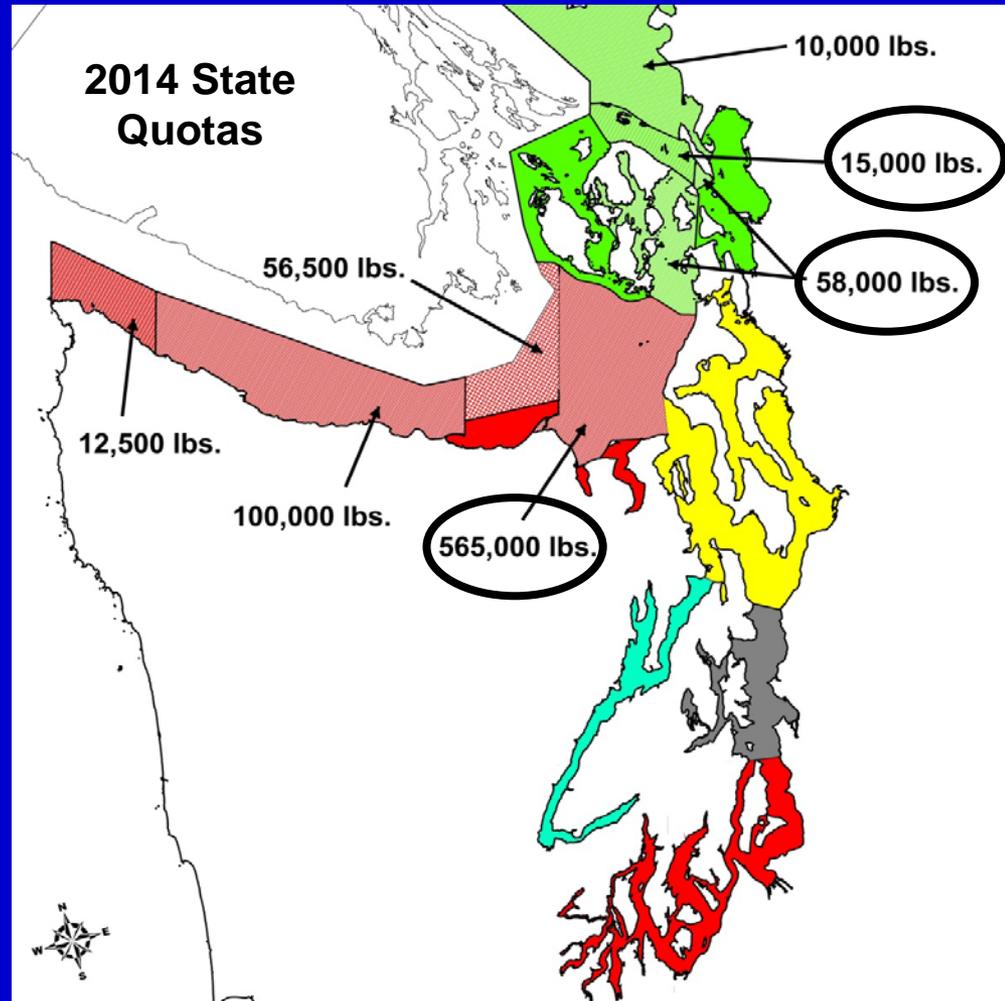
- A revised policy was adopted by the Commission on December 15, 2012;
- Protect and conserve the Puget Sound shrimp resource;
- Provides for recreational and commercial fisheries;
- The Puget Sound recreational non-spot shrimp pot fishery will be managed to take up to 20% of the state quota;
- Overall Puget Sound spot shrimp allocation objective of 70% recreational and 30% commercial;
- Commercial and recreational allocations in Regions 1 and 3 may be adjusted annually or in-season by equal percentage points as needed to ensure that the Puget Sound general allocation objective of 70%-30% is attained.

State Non-Spot Shrimp Trawl Fishery Quota and Harvest (2006-2014)

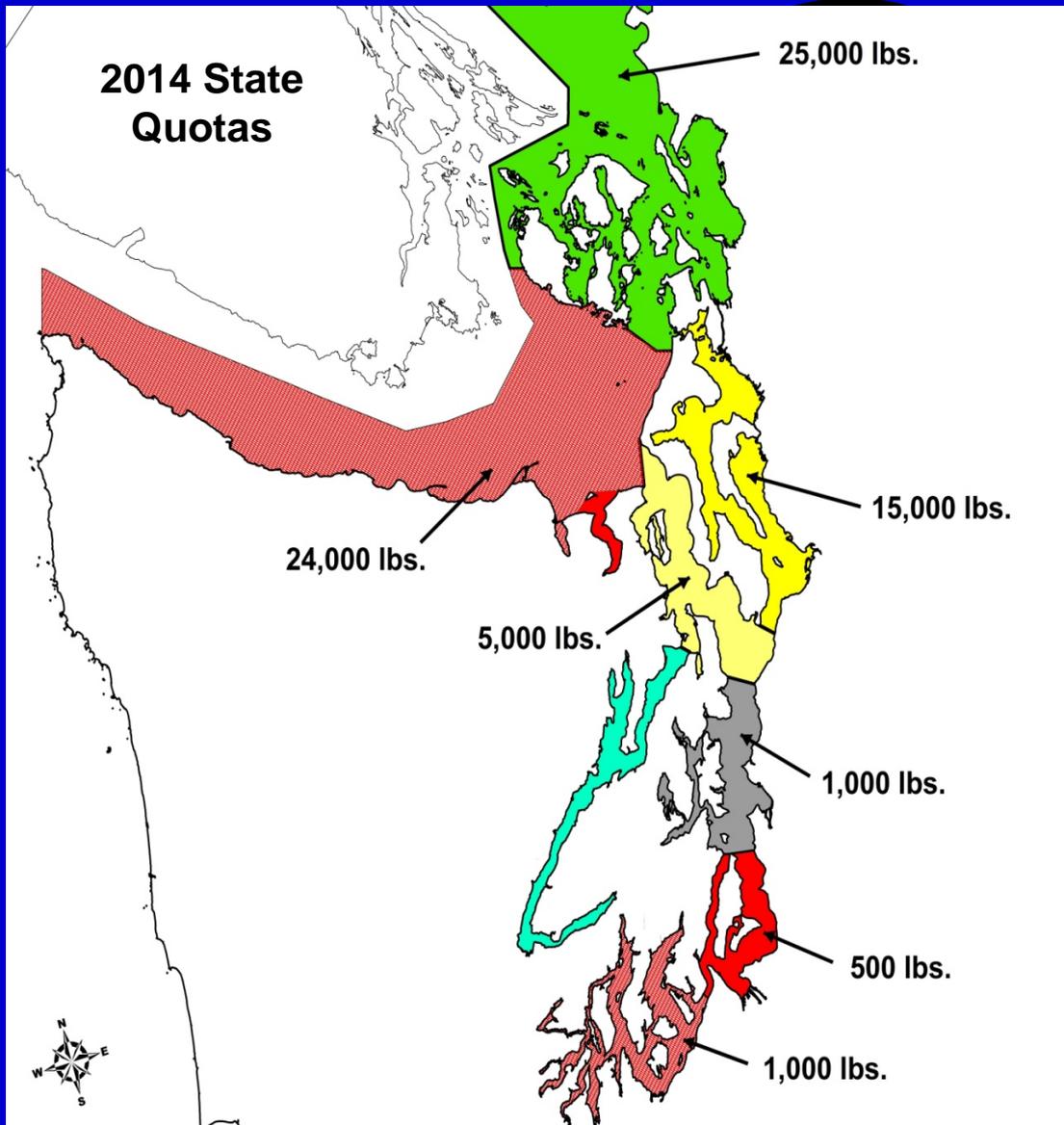


State Non-Spot Shrimp Trawl Fishery

- Limited entry fishery since 2001
- Five transferable permits (3 active past 5 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 shows an increase in spot shrimp bycatch since 2013

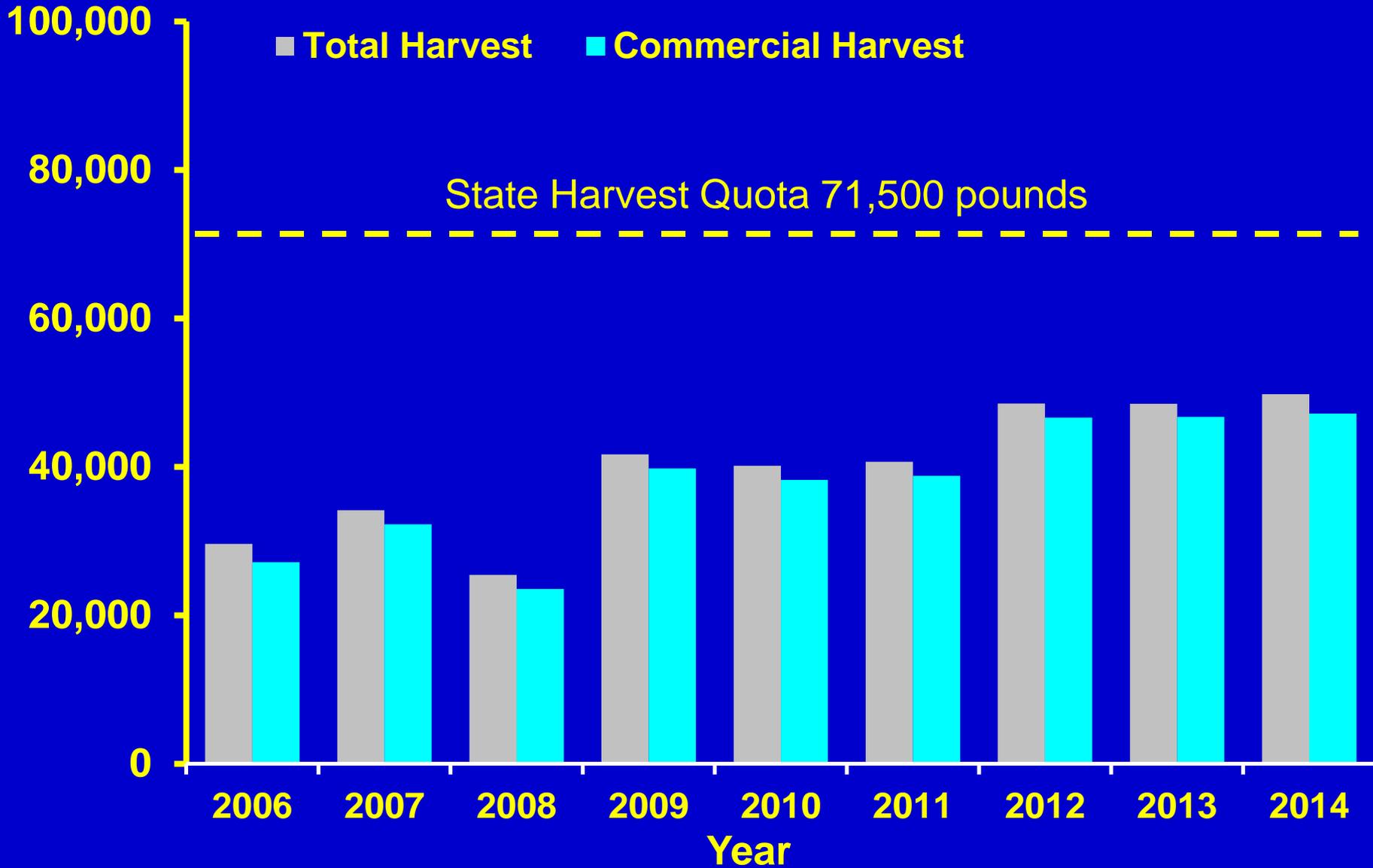


State Non-Spot Shrimp Pot Fishery



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

State Non-Spot Shrimp Pot Fishery Quota and Harvest (2006-2014)

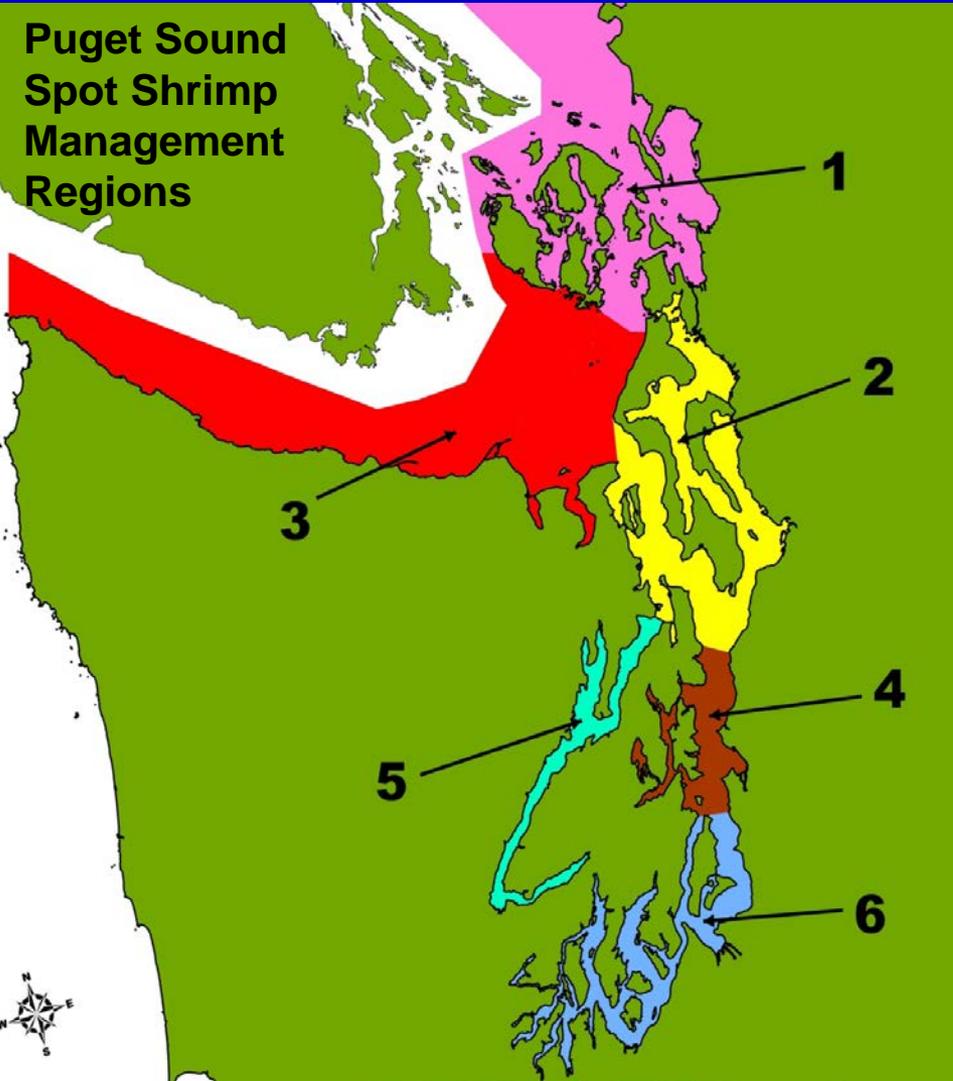


Puget Sound Spot Shrimp Fishery



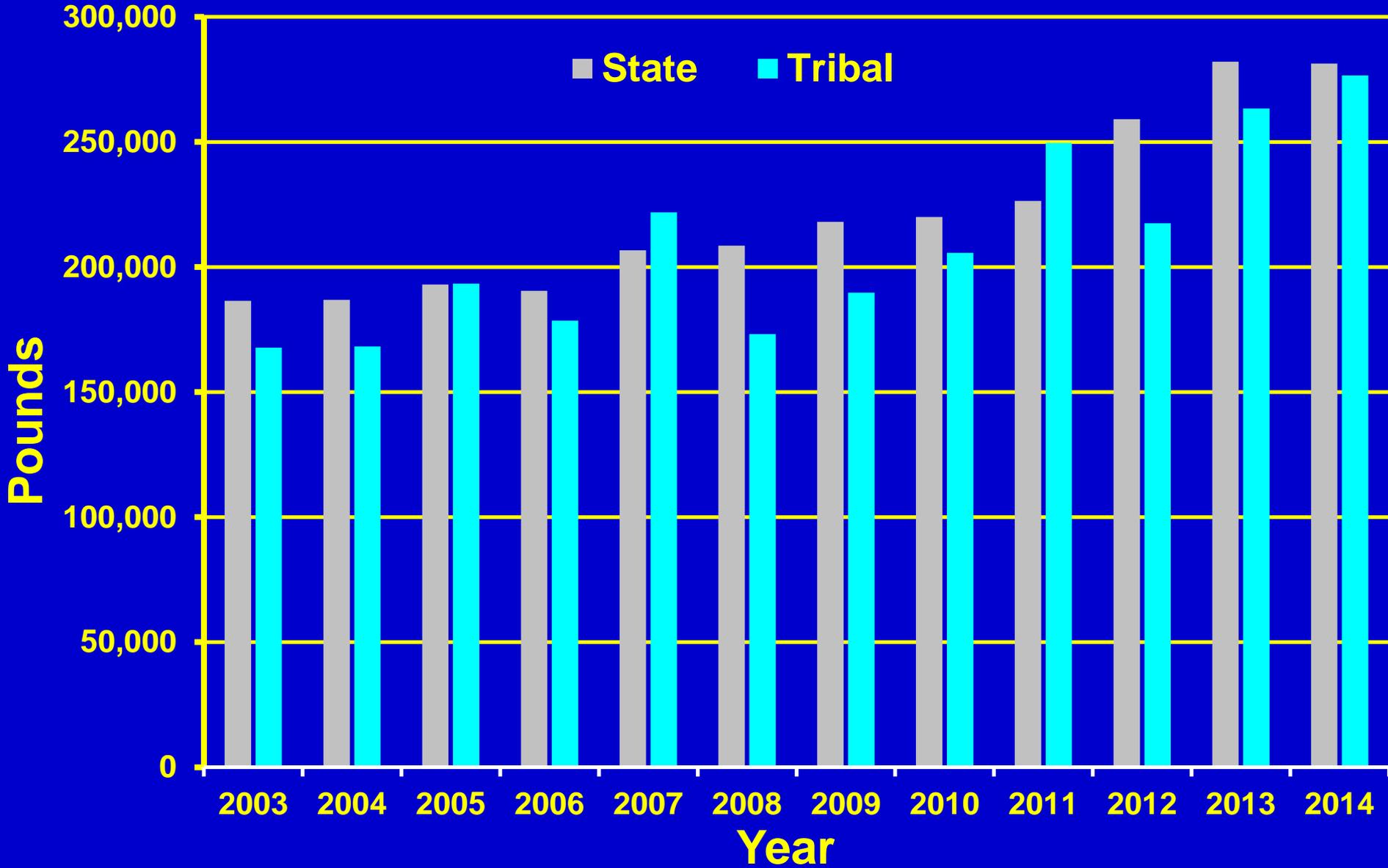
Puget Sound Spot Shrimp Management

Puget Sound Spot Shrimp Management Regions

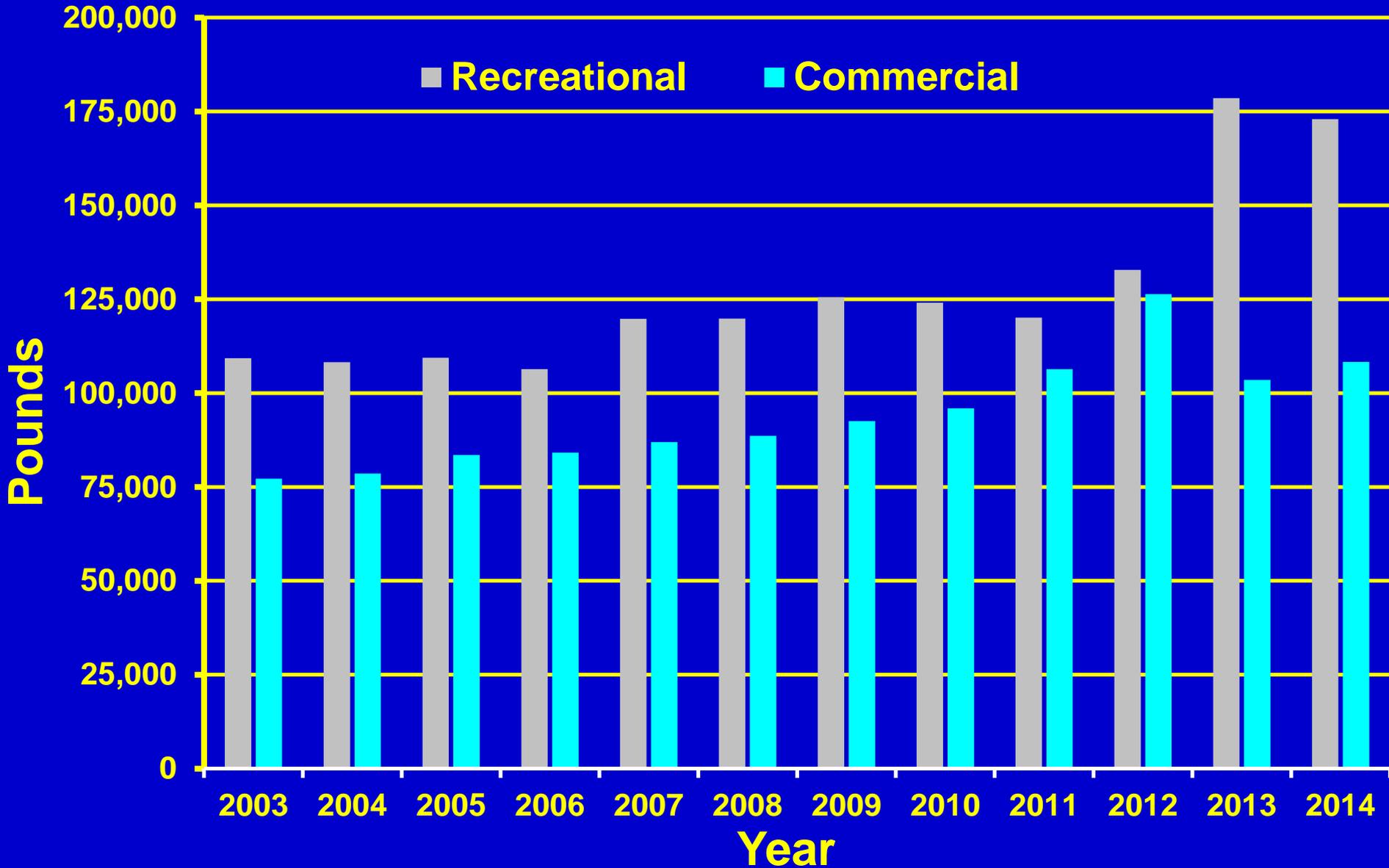


- Six management regions
- Policy C-3610 provides commercial and recreational opportunity in Regions 1 and 3. Regions 2, 4, 5, and 6 are reserved for recreational only.
- Annual harvest quotas and regional State/Tribal harvest shares are established annually through co-management agreements.
- To provide a longer recreational fishery in Region 3, recreational spot shrimp allocation was “traded” between Region 1 recreational and Region 3 commercial fisheries.

State and Tribal Spot Shrimp Harvest (2003-2014)

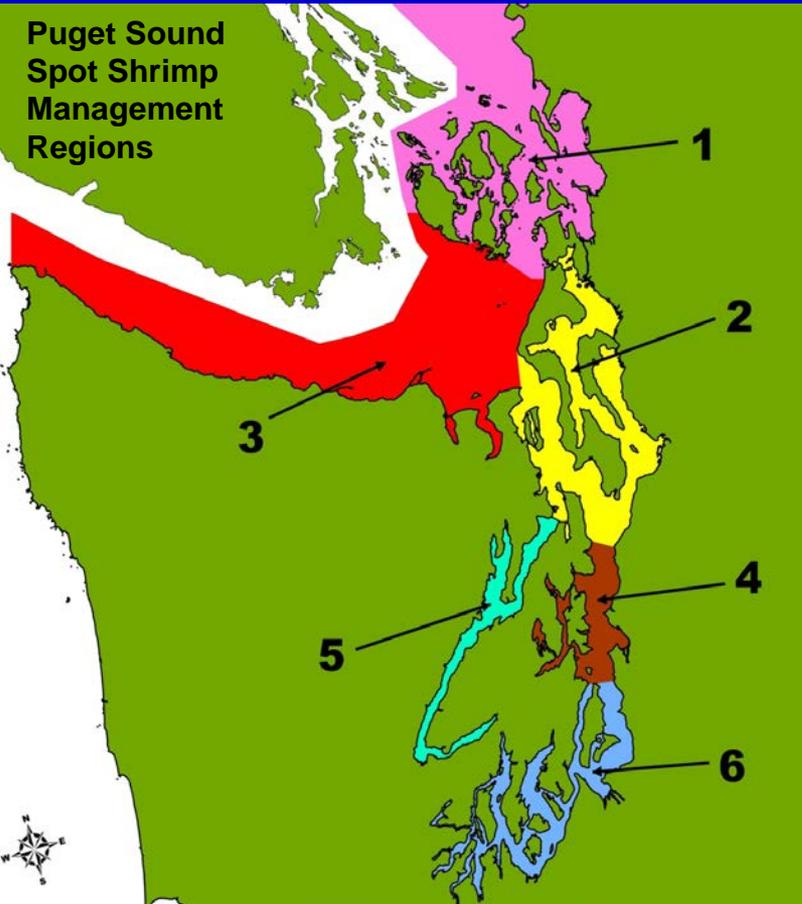


State Spot Shrimp Harvest (2003-2014)



2013-2014 Regional Recreational Spot Shrimp Harvest Results

Puget Sound
Spot Shrimp
Management
Regions



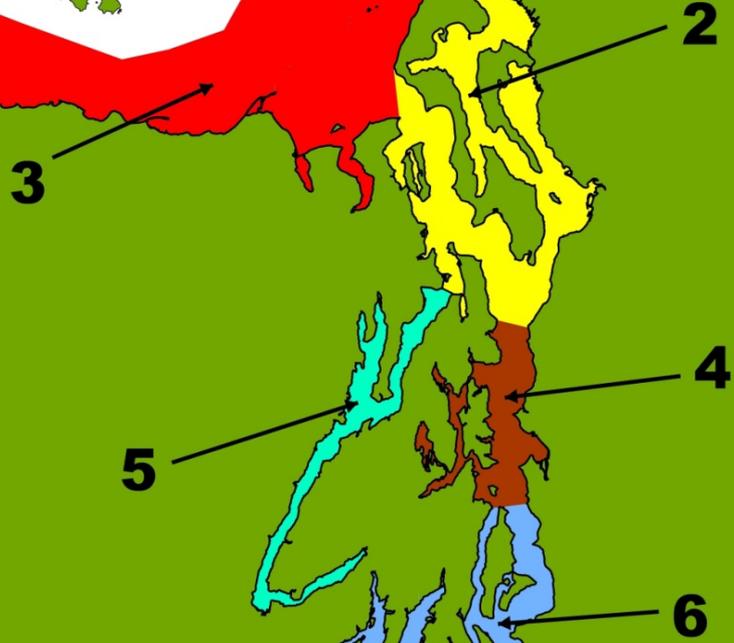
Region	Policy C-3610 Recreational Target % from State Quota	2013 Recreational Harvest %	2014 Recreational Harvest %
1	80	43	45
2	100	105	94
3	22	22	25
4	100	105	100
5	100	105	95
6	100	102	100
All	70	63	62

2013-2014 Recreational Harvest Days

Spot Shrimp Management Regions

Region 1 West

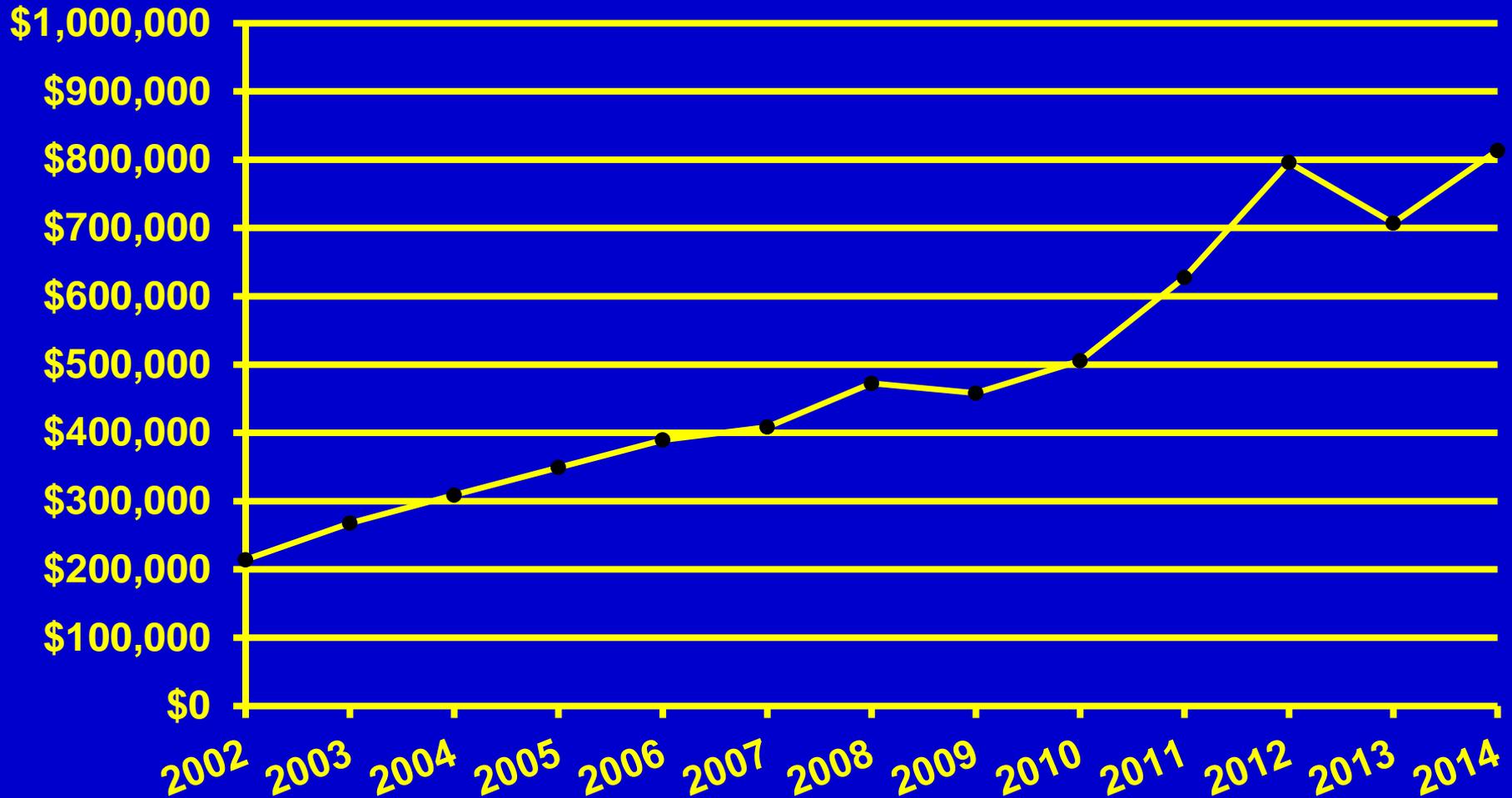
Region 1 East



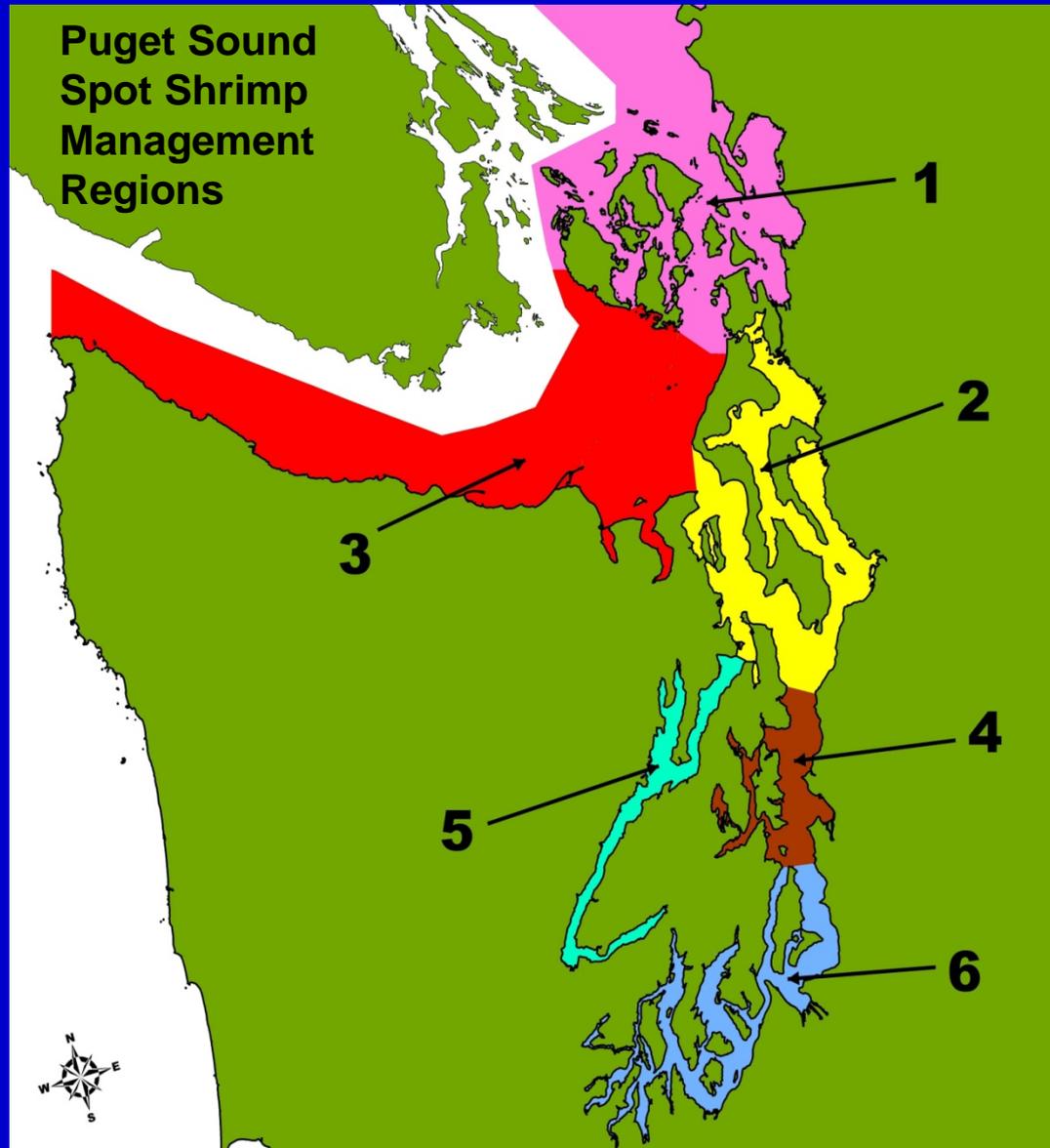
Region	Recreational Days Open	
	2013	2014
1 East	13	13
1 West	83	120
2	3	3
3	56	135
4	3	2
5	5	4
6	4	3

Total Adjusted Ex-Vessel Landing Values for the Puget Sound Commercial Spot Shrimp Fishery 2002-2014

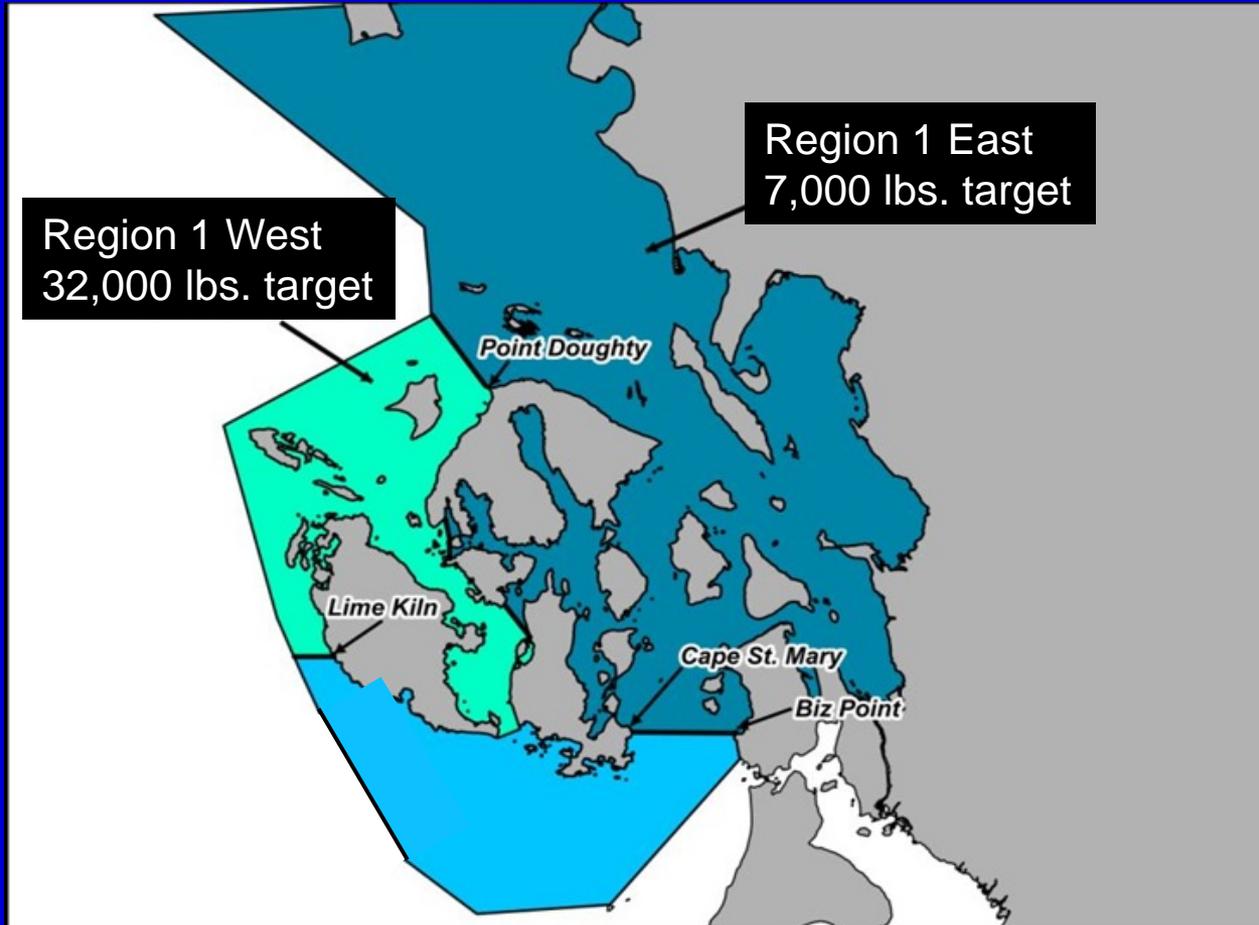
Ex-vessel values were adjusted to 2014 dollars using a Consumer Price Index (CPI) conversion maintained by the United States Department of Labor Statistic



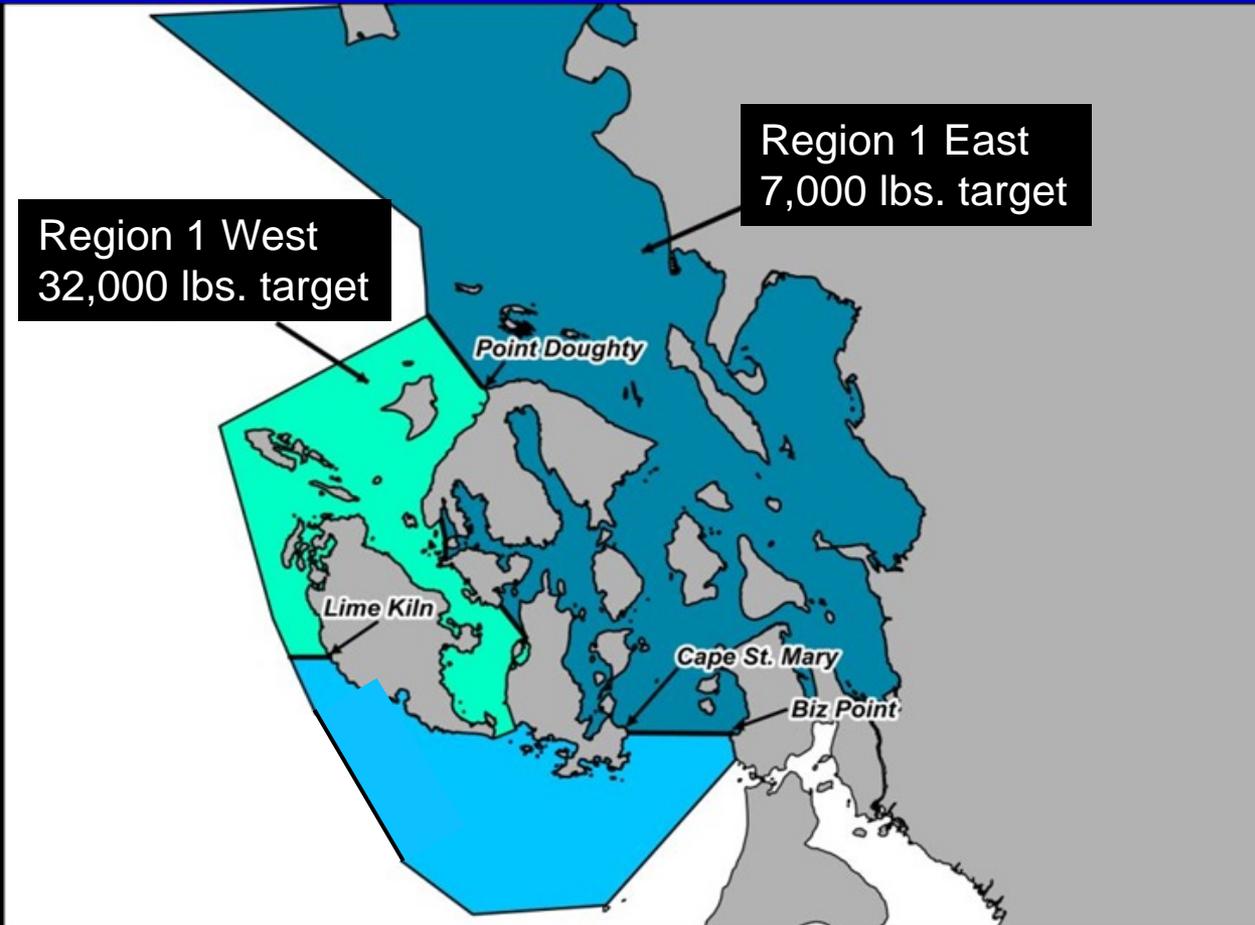
Region 1 Fishery



2014 Region 1 Recreational Fishery Targets

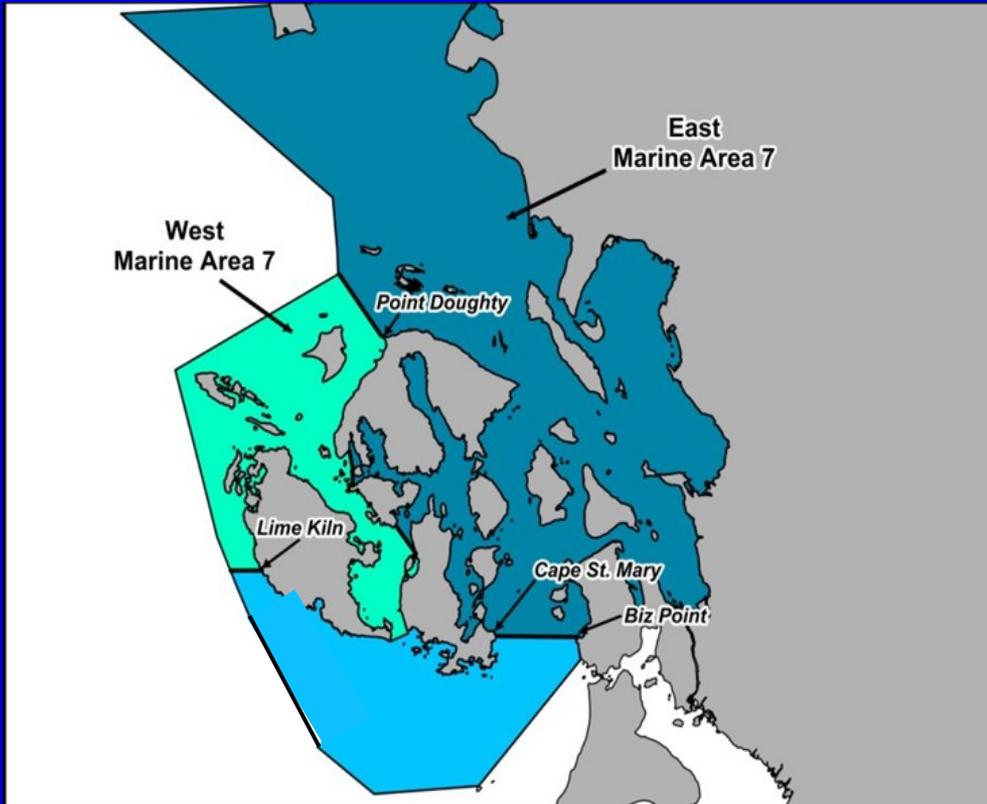


2014 Region 1 Fishery



- Recreational fishery harvested R1 East target in 13 days
- Recreational fishery was open in R1 West for 120 days
- Over 25 % of recreational target remained in R1 West In mid-August
- 15,000 pounds of additional harvest opportunity provided to the commercial fishery in R1 West in late August

Region 1 West Average Boat Counts for 2014 Recreational Spot Shrimp Fishery



Month	Weekday	Weekend
May	16	22
June	3	9
July	3	4
August	2	5

Fishery Adjustments in Regions 1 and 3 For 2015

- Provide commercial fishery additional 8,000 lbs. in Region 1 West;
- Provide recreational fishery additional 8,000 lbs. in Region 3;
- Rebalance Region 1 West & Region 3 shares in mid August;
- Region 1 west and portions of Region 3 will be open daily for recreational harvest starting June 1;
- State and Tribal co-managers are discussing spot shrimp bycatch restrictions for the trawl fishery beginning.

Summary

- Recreational fisheries were open in all Puget Sound regions
- Commercial fishery occurred in Regions 1 and 3 as per policy C-3610.
- Overall the recreational fishery harvested 62% of the state's quota. Policy C-3610 defines an overall recreational target of 70%.
- To provide a longer recreational fishery in Region 3, recreational spot shrimp allocation was “traded” between Region 1 West recreational and Region 3 commercial fisheries.
- The recreational fishery was unable to catch the harvest target in Region 1 West and 15,000 pounds of the recreational target was transferred to the commercial fishery in late August.
- Adjustments will be made in the 2015 fishery in Regions 1 and 3 to provide additional recreational harvest opportunity in Region 3 and commercial opportunity in Region 1 West .

Questions



Cumulative Number of Recreational Spot Shrimp Fishing Days in for all Regions in Puget Sound

