Puget Sound Shrimp Fisheries



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Puget Sound Shrimp - Topics

- <u>Policy C-3610</u> Puget Sound Shrimp Fishery
- Shrimp Biology & Fisheries Management
- Fisheries Performance & Overview
 - Spot Shrimp
 - Non-spot Shrimp Species Complex
- Year in Review



Shrimp Species Harvested by Commercial and Recreational Fisheries





Species: Pandalus eous
Common Name: Northern Pink Shrimp
Size: Overall length 4 inches,
Fisheries: commercial trawl

Species: *Pandalus* danae
Common Name: Dock Shrimp, Coonstripe Shrimp
Size: Overall length 5 inches
Fisheries: recreational pot, commercial pot and trawl

Species: Pandalus hypsinotus
Common Name: Coonstripe, Humpies
Size: Overall length 7 inches
Fisheries: recreational pot fishery, commercial trawl and pot

Species: Pandalus platyceros
Common Name: Spot shrimp
Size: Overall length 10 inches,
Fisheries: recreational and commercial pot



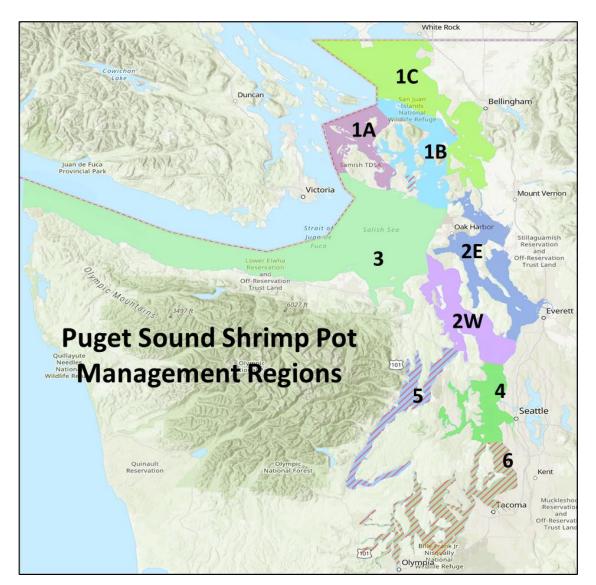
Puget Sound Shrimp Fishery Policy C-3610

- 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 <u>spot shrimp</u> harvest opportunity is 70% recreational and 30% commercial, taking into account regional differences;
- The management strategy for Puget Sound <u>non-spot shrimp</u> **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 <u>non-spot shrimp</u> trawl fishery is to restrict commercial fishing to Shrimp Regions 1 and 3.



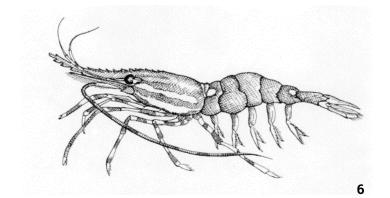
Puget Sound Spot Shrimp Management

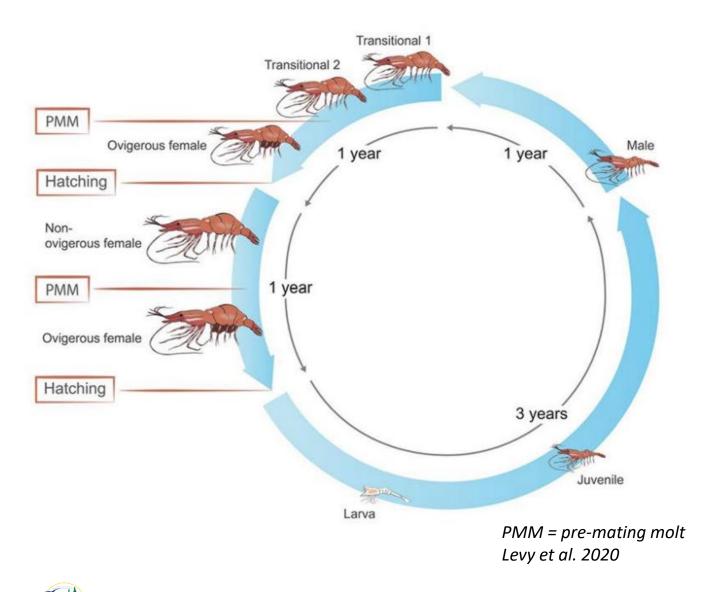
- Six management regions
- Policy C-3610 provides commercial and recreational opportunity in Regions 1 and 3. Regions 2E, 2W, 4, 5, and 6 are reserved for recreational opportunity only.
- Annual harvest quotas and regional State/Tribal harvest shares are established annually through comanagement agreements.











SPOT SHRIMP LIFE CYCLE

- 5-6 yr lifespan
- Begin life as males
- Transition into females
- Move deeper as they grow





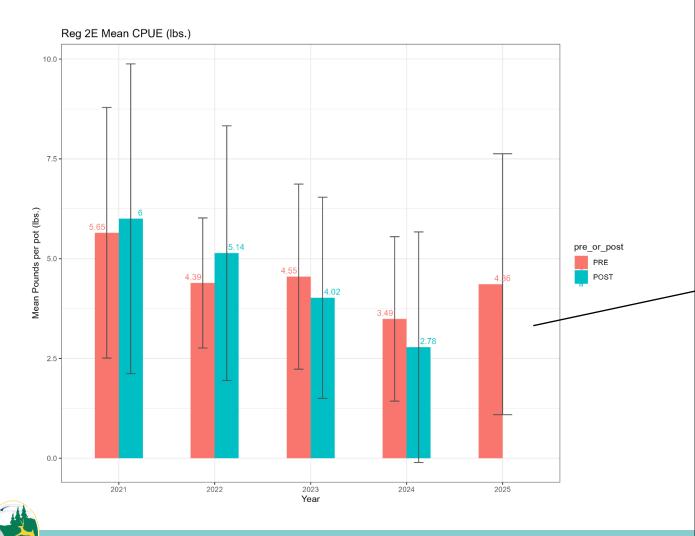
Puget Sound Shrimp Sampling

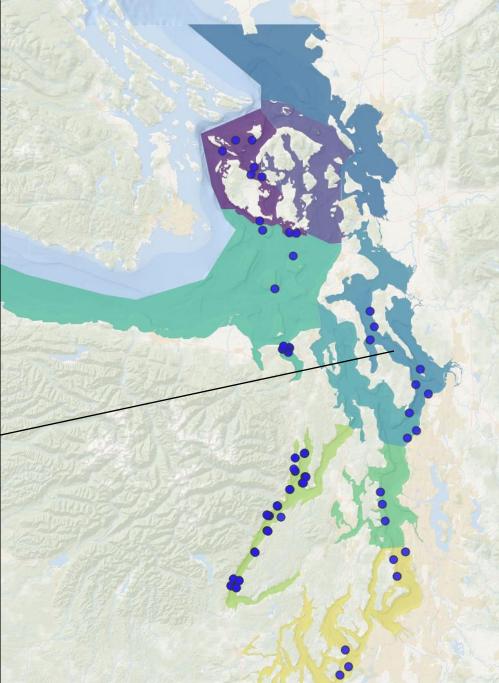
- Spot shrimp index sites are fished preand post-season *in all marine areas.* When possible – coordinate with tribal comanagers
- Data collected on catch per pot and bycatch in the field
- Data on shrimp size and sex composition is collected from lab-processed samples
- Until 2023, sampling focused on *spot shrimp* only
- Initiated sampling of *non-spot* shrimp in 2023





Survey results are used to inform the suitability of existing quotas and assess resource health

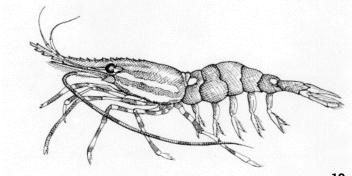




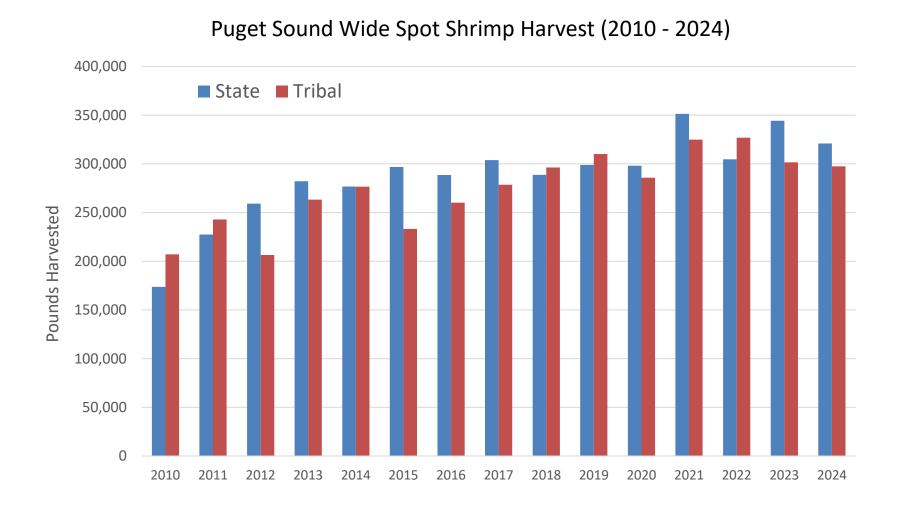
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Fishery Performance



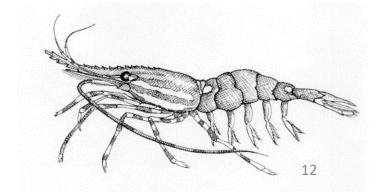
State and Tribal Spot Shrimp Harvest (2010-2024)



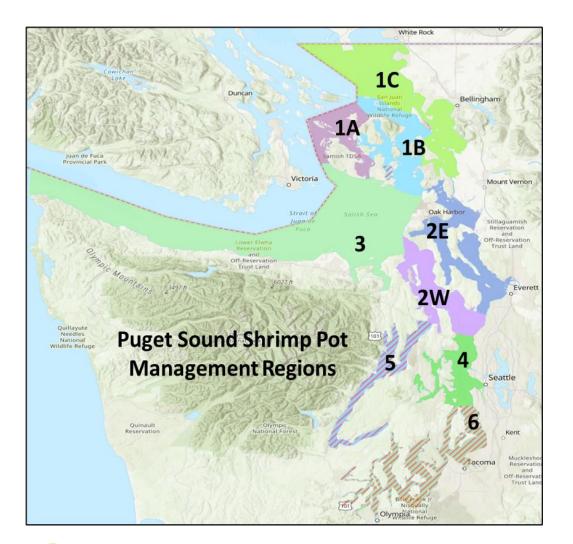




Recreational Spot Shrimp Fisheries



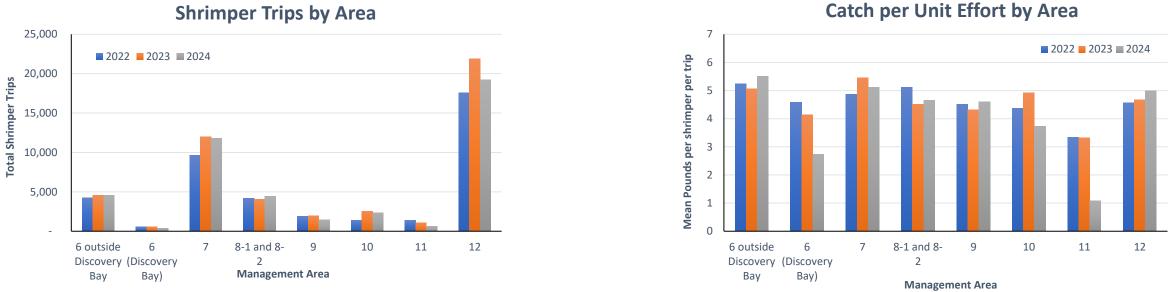
2018-2023 Recreational Spot Shrimp Harvest Allocation by Region



	Policy	Actual % Recreational Harvest from Total State Harvest				
Region	C-3610 Recreational Target %	2020	2021	2022	2023	2024
1	80	76	86	77	80	87
2	100	96	95	94	91	96
3	22	25	32	29	32	36
4	100	100	97	74	93	88
5	100	100	100	95	95	96
6	100	99	88	89	97	100
All	70	66	71	63	66	69



Recreational Spot Shrimp Fisher Trips by Marine Area

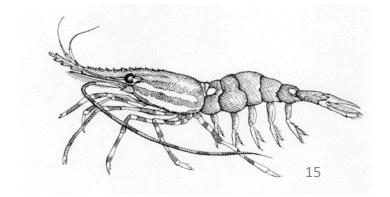


Total Recreational Harvest by Area









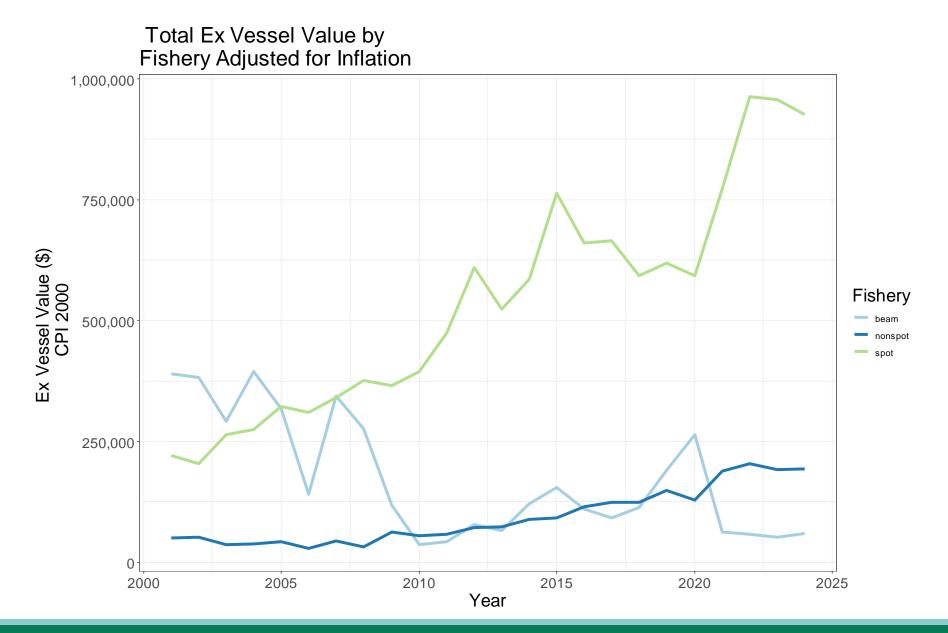
Commercial Shrimp Fisheries

- Two limited-entry licenses:
 - Puget Sound Shrimp Pot
 - 18 licenses
 - Puget Sound Shrimp Trawl
 - 5 licenses
- Three shrimp fisheries:
 - Spot Shrimp (pot)
 - Non-spot shrimp (pot)
 - Non-spot shrimp (beam trawl)
- Season runs from May 1 through October 15
 - Varies by Region and Fishery.
- Mandatory electronic fish tickets



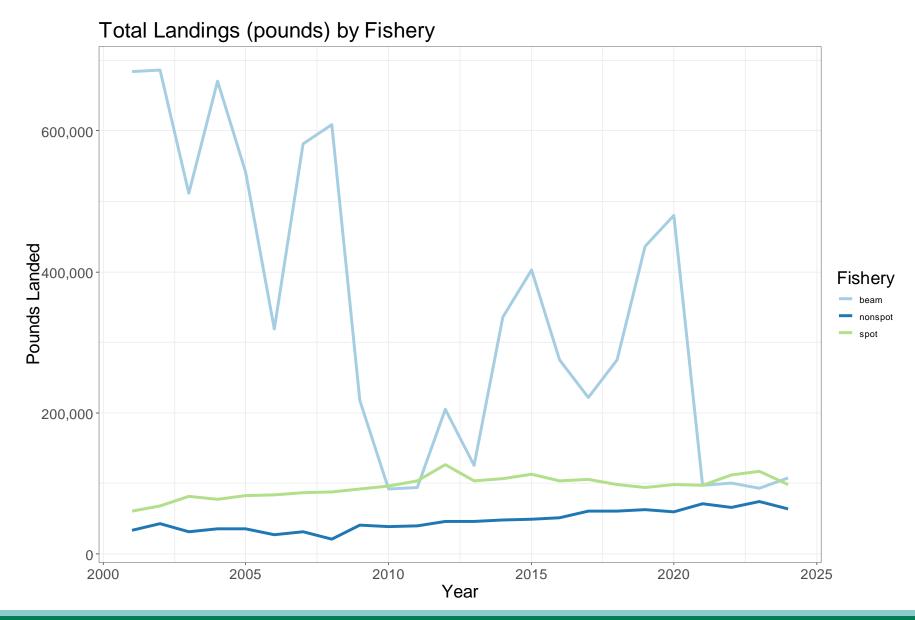


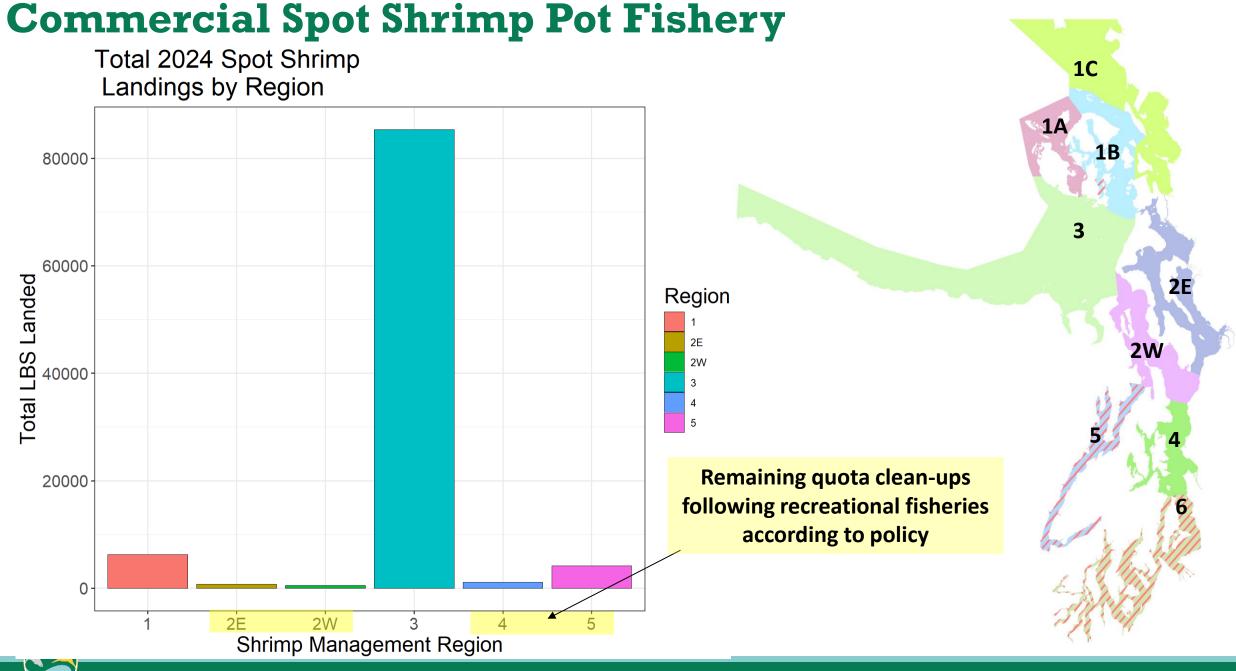
Puget Sound Commercial Shrimp Fishery Ex Vessel Since 2000





Puget Sound Commercial Shrimp Fishery Landings



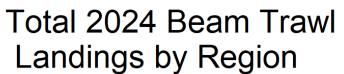


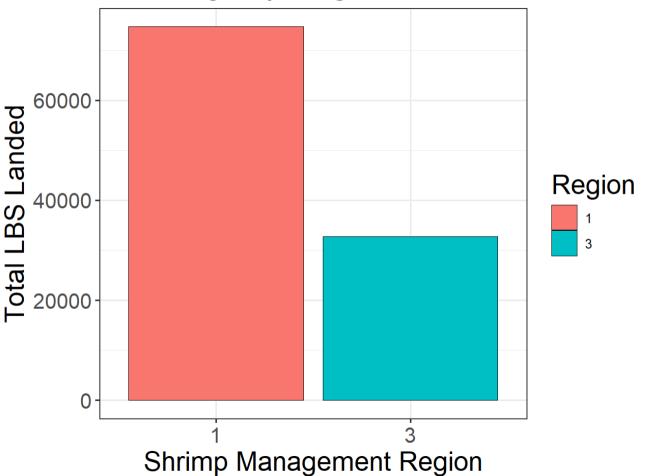
Commercial Non-Spot Shrimp Pot Fishery



Non-Spot Shrimp Trawl Fishery

- Fishery restricted to portions of regions 1 and 3 only
- Treaty tribes have not participated
- Not allowed to retain spot shrimp
- Bycatch observer program for ESAlisted species initiated in 2011
- *Current* trawl legislation SSB 5076 provides voluntary conversion of a trawl license to a newly created non-spot shrimp pot license







2024 Year in Review

- Continuing to improve catch estimation methodology and documentation comanager discussions
- Fishery monitoring considerable effort into filling key recreational spot shrimp monitoring gaps in the MA6 fishery (Strait) to good success
- Expanded commercial fishery monitoring
 - Expanded non-spot observing program to monitor more areas
 - Refined market sampling design to evenly cover shrimp quota areas.
- Trawl Conversion Legislation *if* trawl legislation passes, additional rulemaking is required to implement the bill



Questions?





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