

PSRFEF OC Meeting

September 2023



Washington
Department of
**FISH and
WILDLIFE**

Welcome – Thanks for Joining us!

ZOOM MEET/ CALL LOGISTICS / GROUND RULES

- You can turn your camera on and mute or unmute yourself through the control panel at the bottom of your screen.
- We will keep folks muted during the beginning of our program, then will unmute folks when we open it up for questions and feedback. Callers can unmute yourself by pressing *6 on your phone.
- We ask that you “raise their hand” to ask a question which you can access through the control panel at the bottom of the screen. You can also raise your hand by hovering over your face or name on the list of participants. Callers can raise their hand by dialing *9.
- Be respectful of others
 - Mute phone or line
 - Be tough on issues and questions, not on people or organizations
 - No personal attacks, insults or threats
 - Listen
 - Speak and act professional – *no offensive, disrespectful, or derogatory language, including profanity*
 - Allow for a balance of speaking time – *limit length and number of times to speak on each topic*
- This meeting is being recorded.
- If you have any technical issues during the call, use the chat button and we will help you through those.
Please do not use the chat for questions or comments on the presentation, we will take those live.



Agenda

1. **Elect Chair**
2. **Summer Fisheries Overview**
 - a. Chinook
 - b. Coho
 - c. Pink
3. **PSRFE Program Purpose**
 - a. What does conserve, enhance, and promote mean to you?
 - b. How do we balance fishing opportunity and long-term sustainability of fish populations?
4. **Overall Program Goal**
 - a. Can we develop a new performance measure for PSRFE that focuses on: conserving, enhancing, and promoting recreational fisheries?
5. **The Four Strategies of PSRFE**
 - a. Improve marketing and remove obstacles
 - b. Increase effectiveness of hatcheries
 - c. Improve bottomfish fisheries
 - d. Stabilize and enhance resources
6. **Homework for our next meeting!**



CHINOOK SEASON RECAP



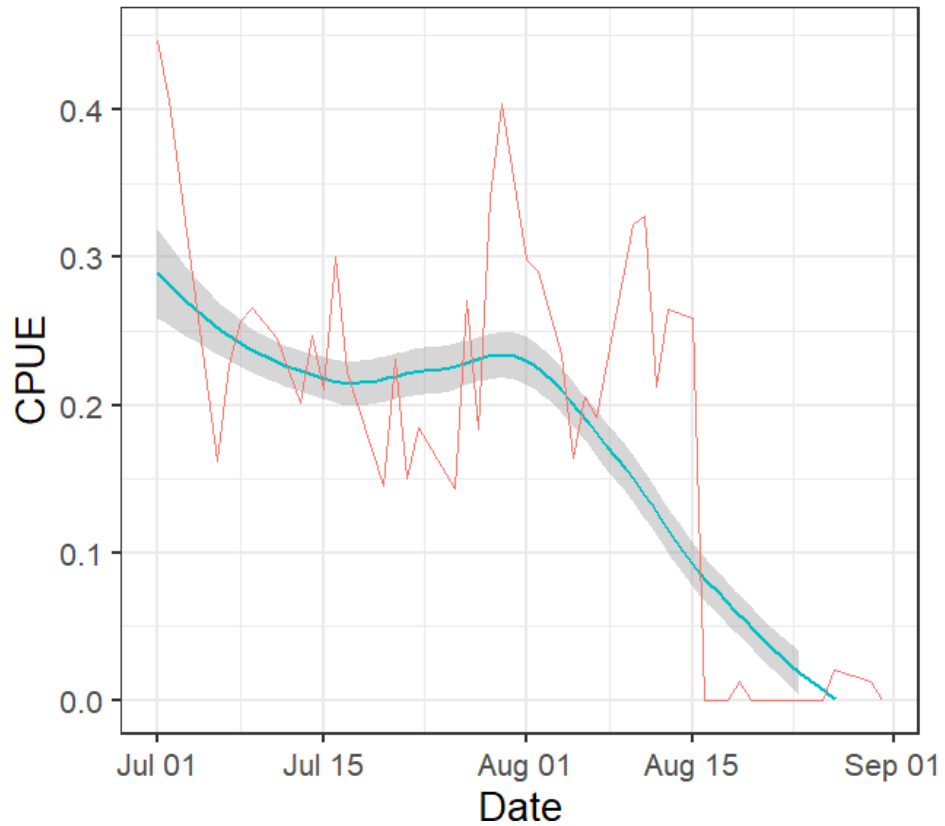
Chinook Estimates Through 8-27

MA	Fishery Control	FRAM	Estimate	Percentage	Estimates Through
5	Legal Size Encounters	7,254	7,516	104%	8/15
6	Legal Size Encounters	11,516	9,909	86%	8/15
7	Harvest Quota	2,181	2,088	96%	7/29
	Unmarked Encounters	4,258	2,687	63%	
	Sublegal Encounters	2,544	2,687	106%	
9	Harvest Quota	4,300	4,558	106%	7/28
10	Harvest Quota	3,566	3,420	96%	8/20
	Sublegal Encounters	7,748	9,079	117%	
11 (July)	Harvest Quota	3,379	820	24%	7/16
	Sublegal Encounters	3,845	3,715	97%	

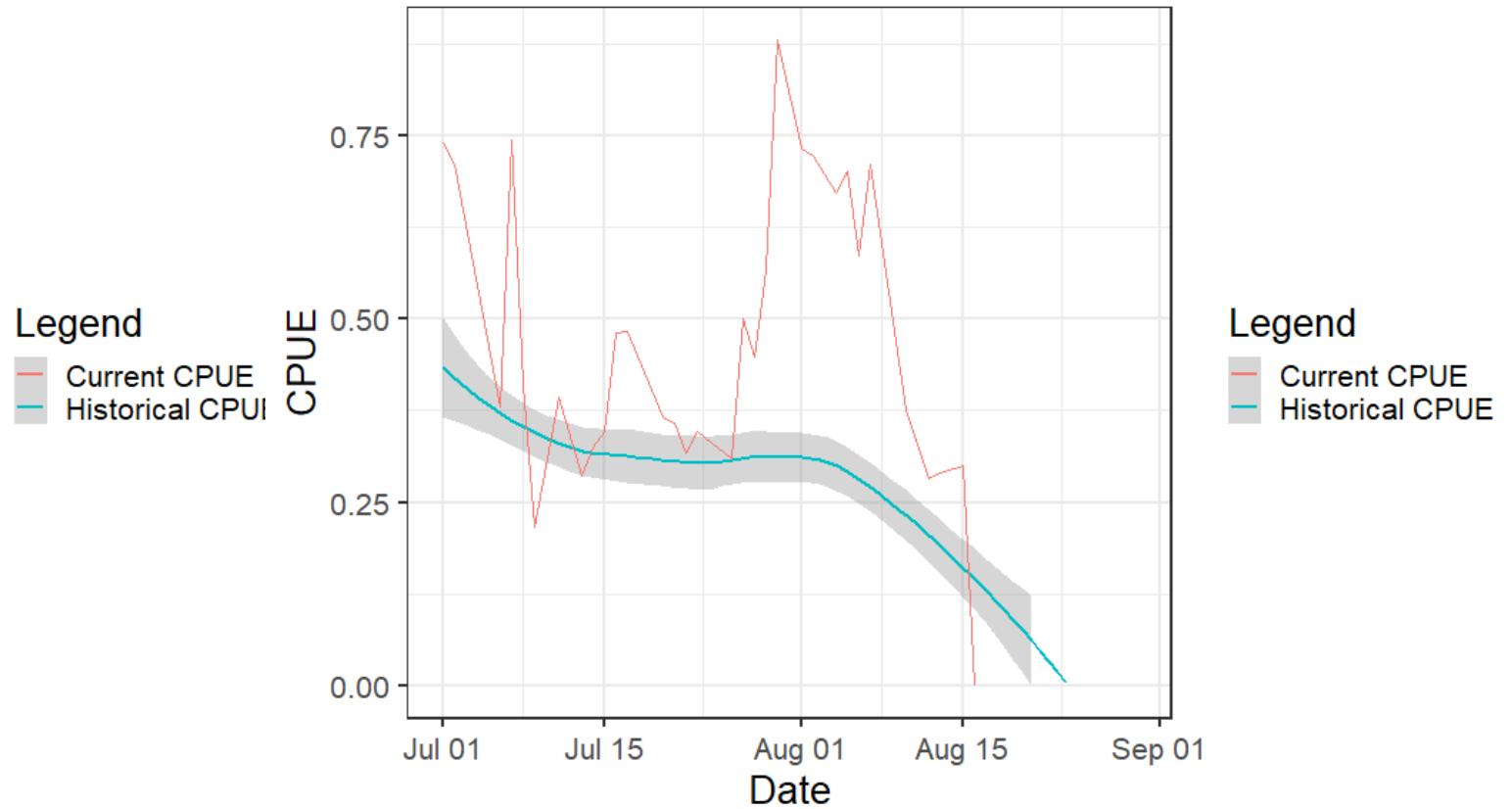


Chinook CPUE - MA-5 and MA-6

MA-5 Chinook CPUE

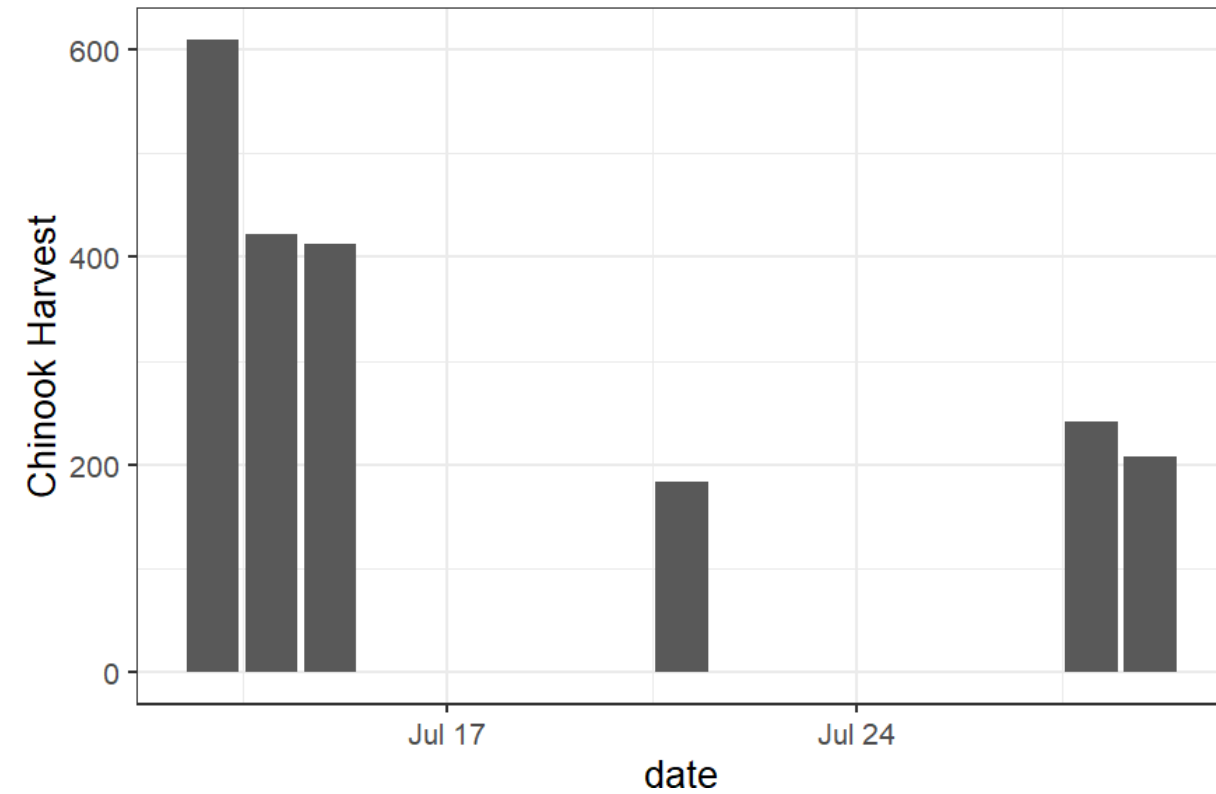


MA-6 Chinook CPUE

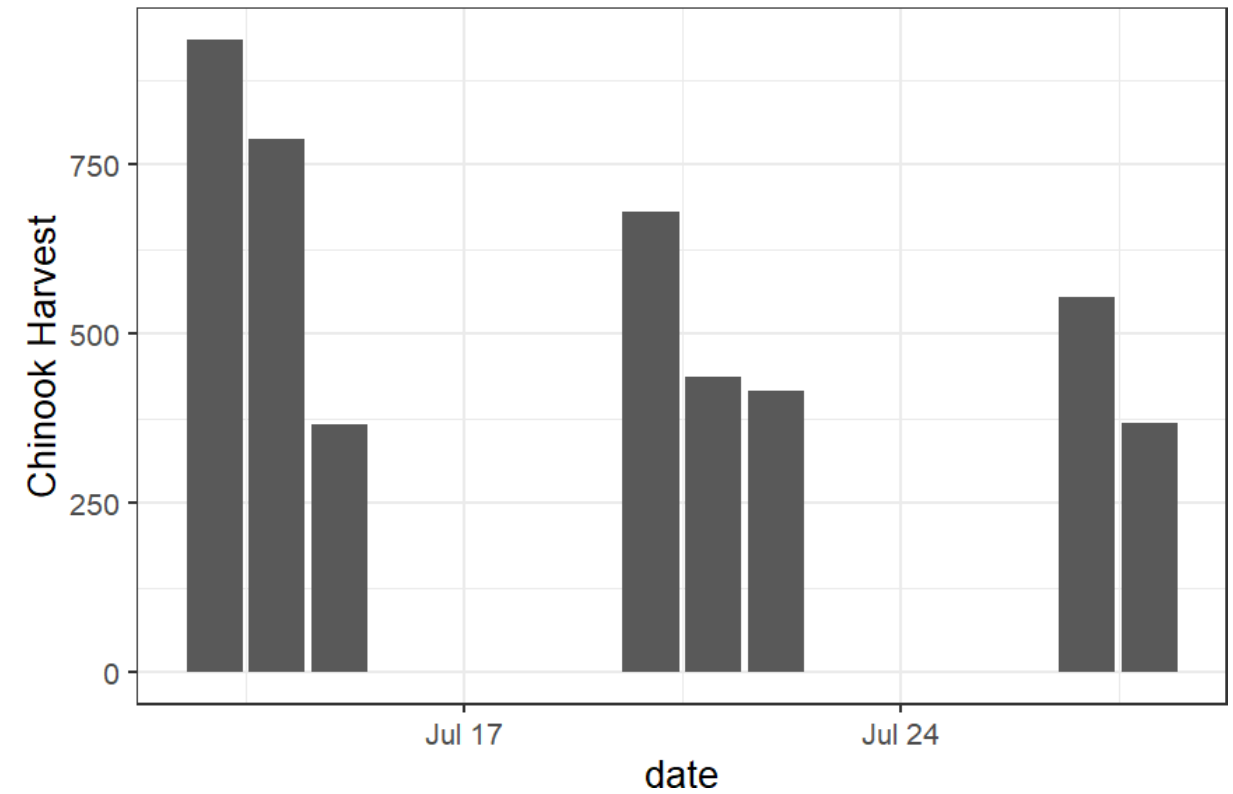


Chinook Catch MA-7 and MA-9

Chinook Harvest MA-7

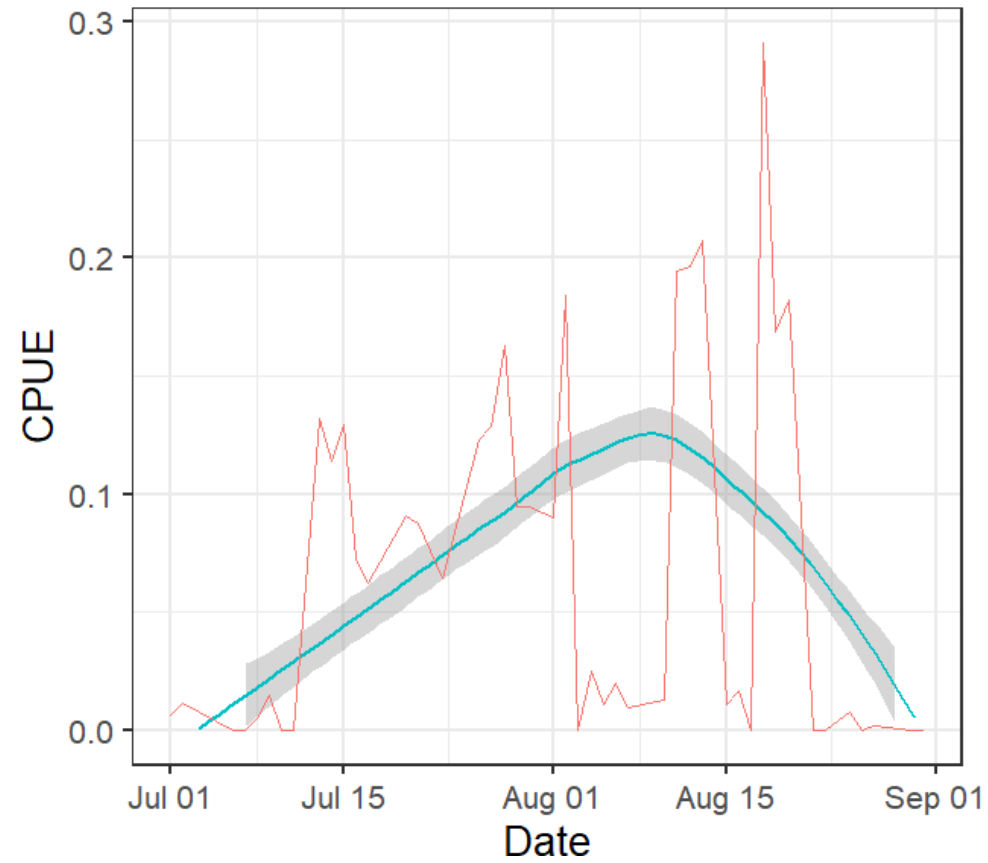


Chinook Harvest MA-9

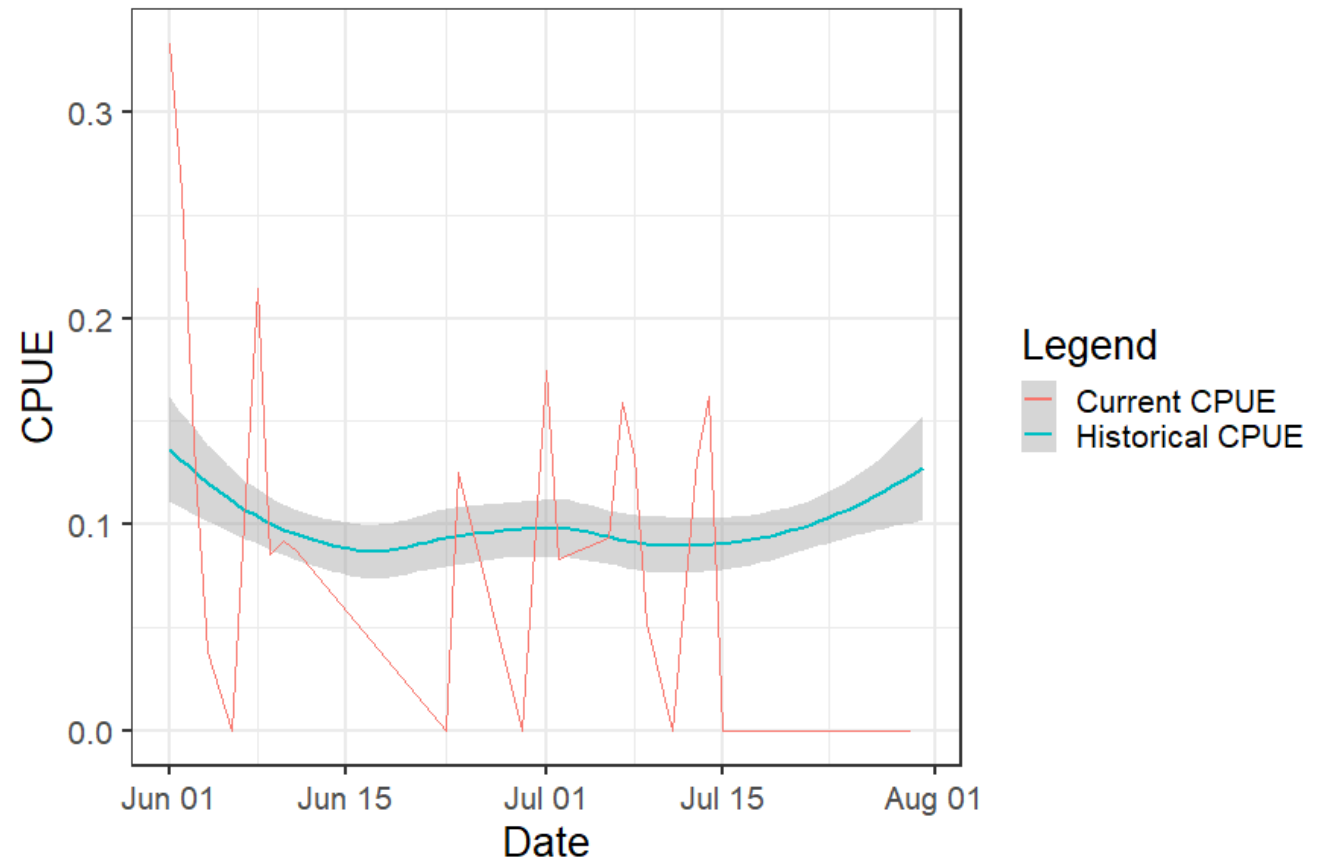


Chinook CPUE - MA-10 and MA-11

MA-10 Chinook CPUE



MA-11 Chinook CPUE



COHO SEASONS

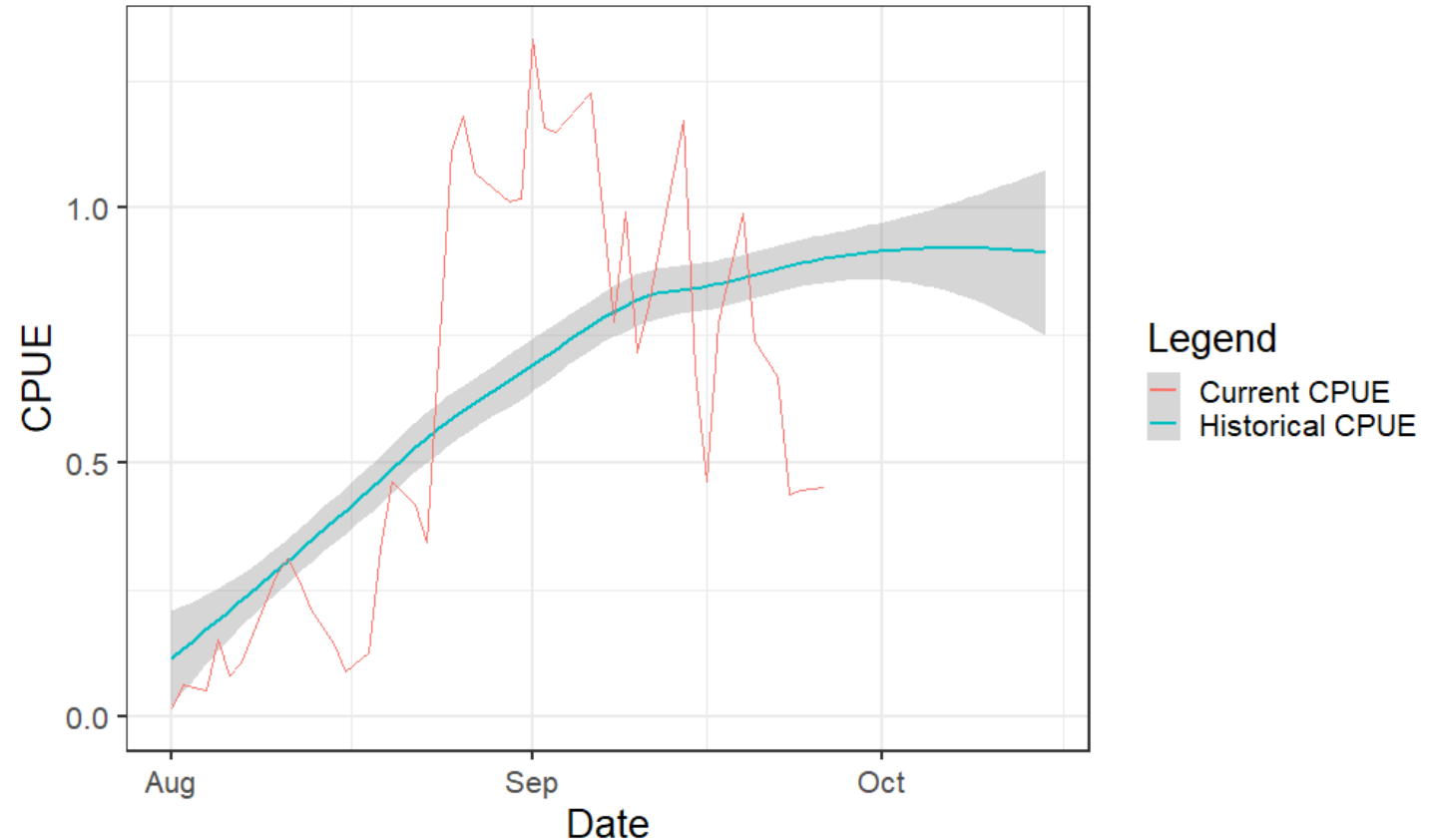
through 9/24



MA-5 Coho

Month	Metric	FRAM	Est	%
August	Retained	3,199	4,499	141%
	Total Encounters	7,648	10,946	143%
Sep.	Retained	10,501	9,393	89%
	Total Encounters	26,591	25,417	96%

Coho Salmon In Area 05 Cpue Comparison



- MSF for Coho 7/1 – 9/30
- NS for Coho 10/1 – 10/15

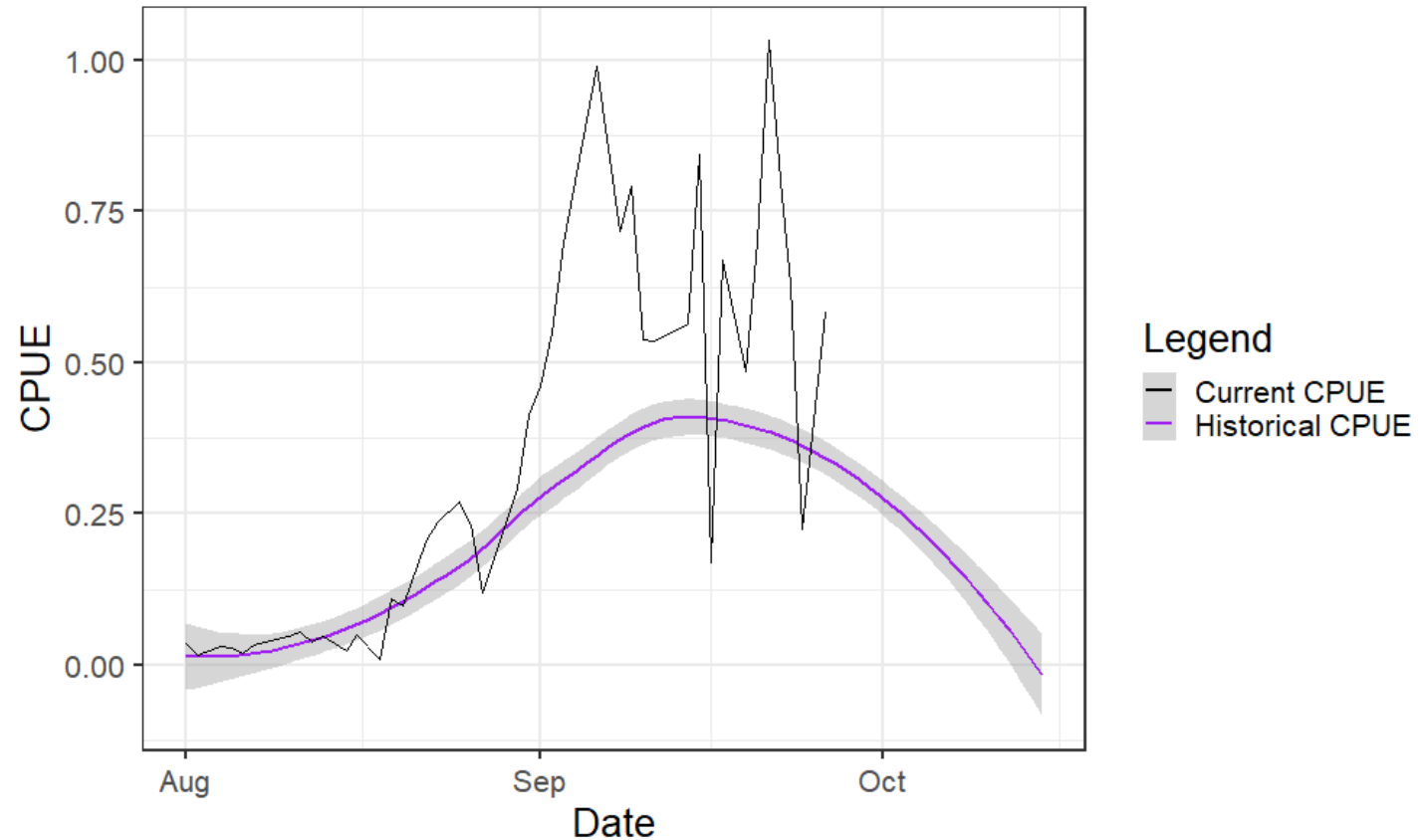


MA-6 Coho

Month	Metric	FRAM	Est	%
August	Retained	519	745	145%
	Total Encounters	1,265	1,788	141%
Sep	Retained	3,369	2,713	81%
	Total Encounters	4,519	6,805	151%

- MSF for Coho 7/1 – 9/30
- NS for Coho 10/1 – 10/15

Area 06 Coho CPUE Comparison

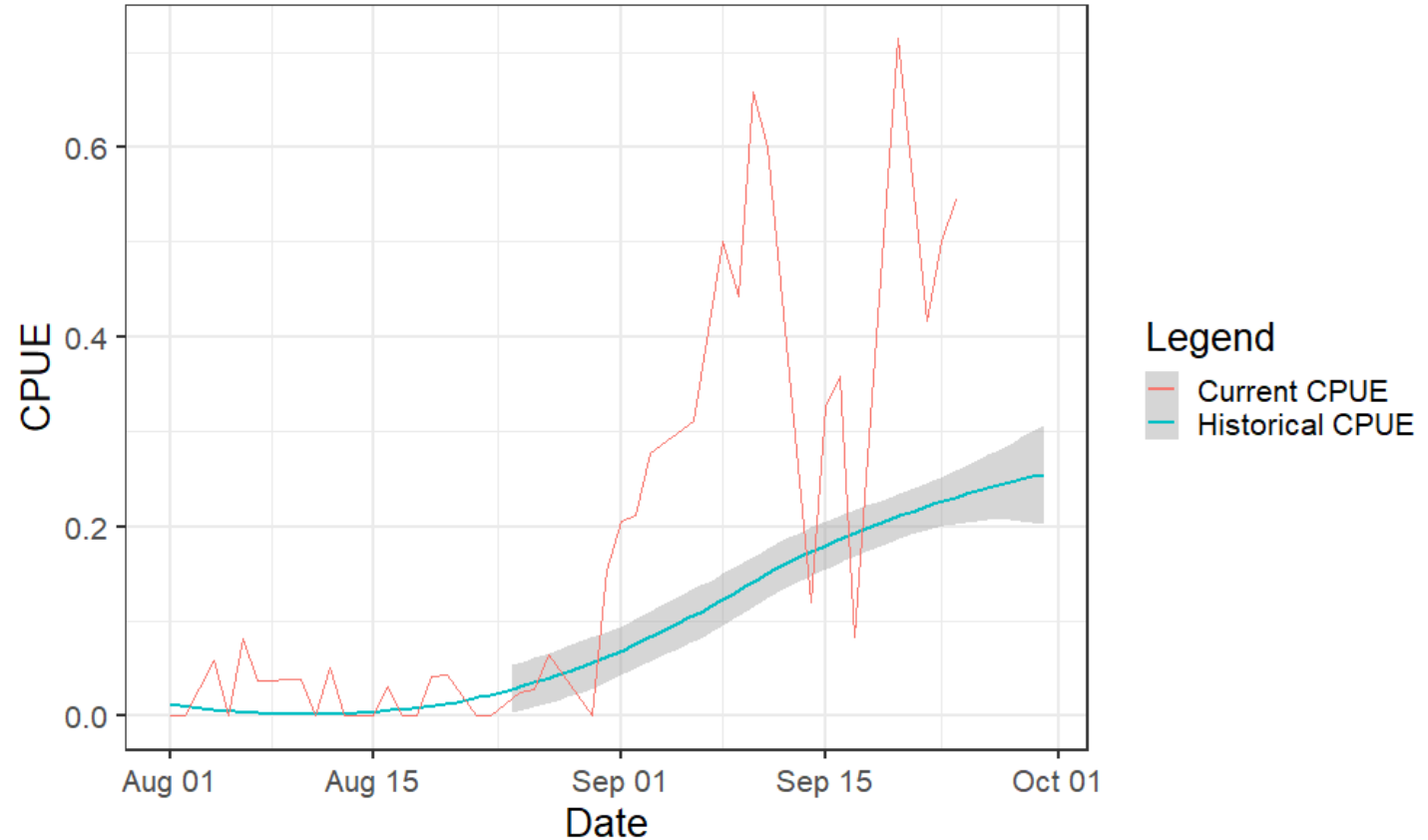


MA-7 Coho

Month	Metric	FRAM	Est	%
August	Retained	246	157	64%
	Total Encounters	554	580	105%
Sep	Retained	4,257	1,224	29%
	Total Encounters	8,517	1,542	18%

- MSF for Coho 8/1 – 8/31
- NS for Coho 9/1 – 9/30

Coho Salmon In Area 07 Cpue Comparison

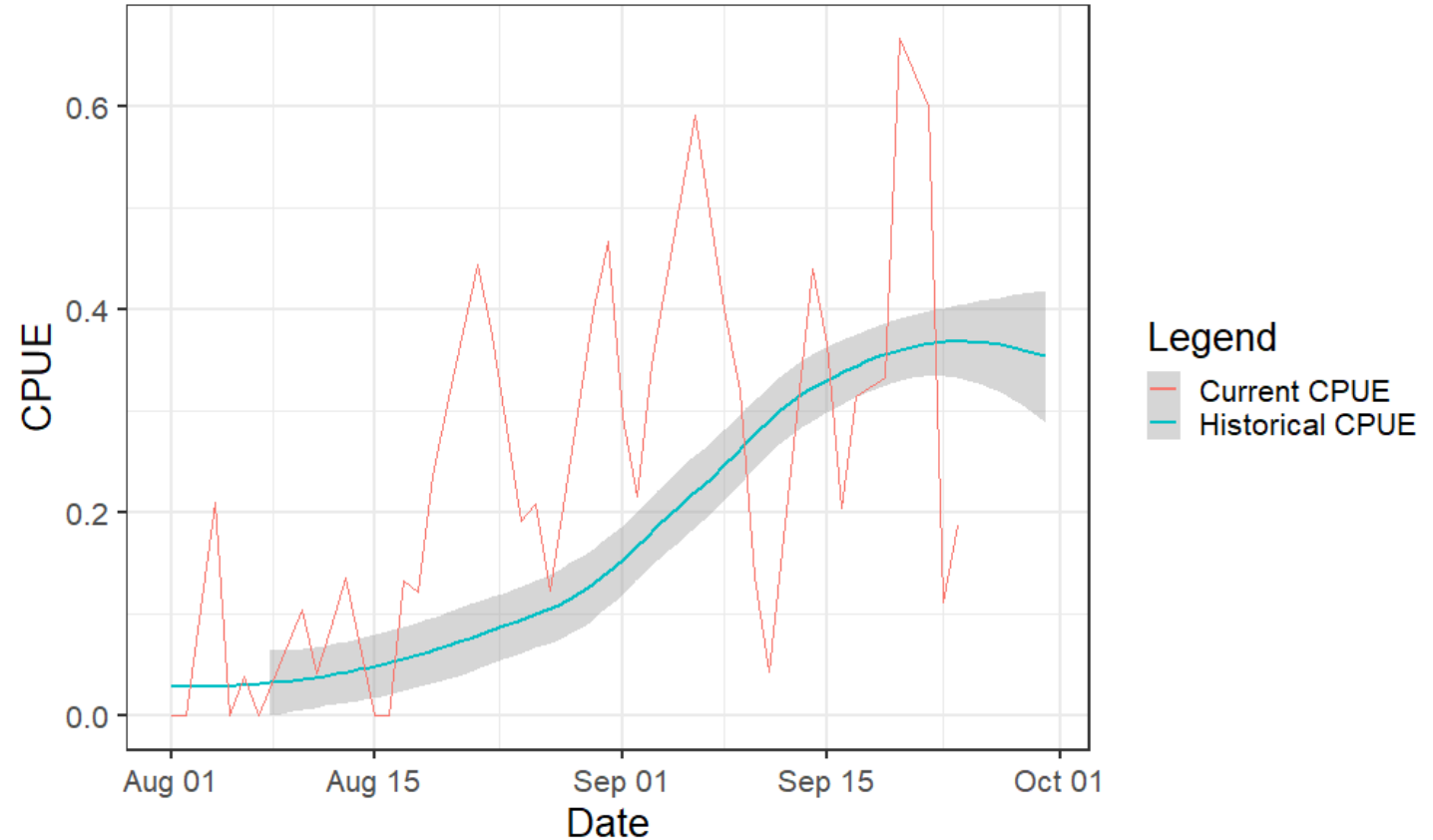


MA-8.1 Coho

Month	Metric	FRAM	Est	%
August	Retained	172	190	110%
	Total Encounters	352	192	55%
Sep	Retained	990	463	47%
	Total Encounters	1970	476	24%

- NS for Coho
- Open 8/1 – 9/30

Coho Salmon In Area 81 Cpue Comparison

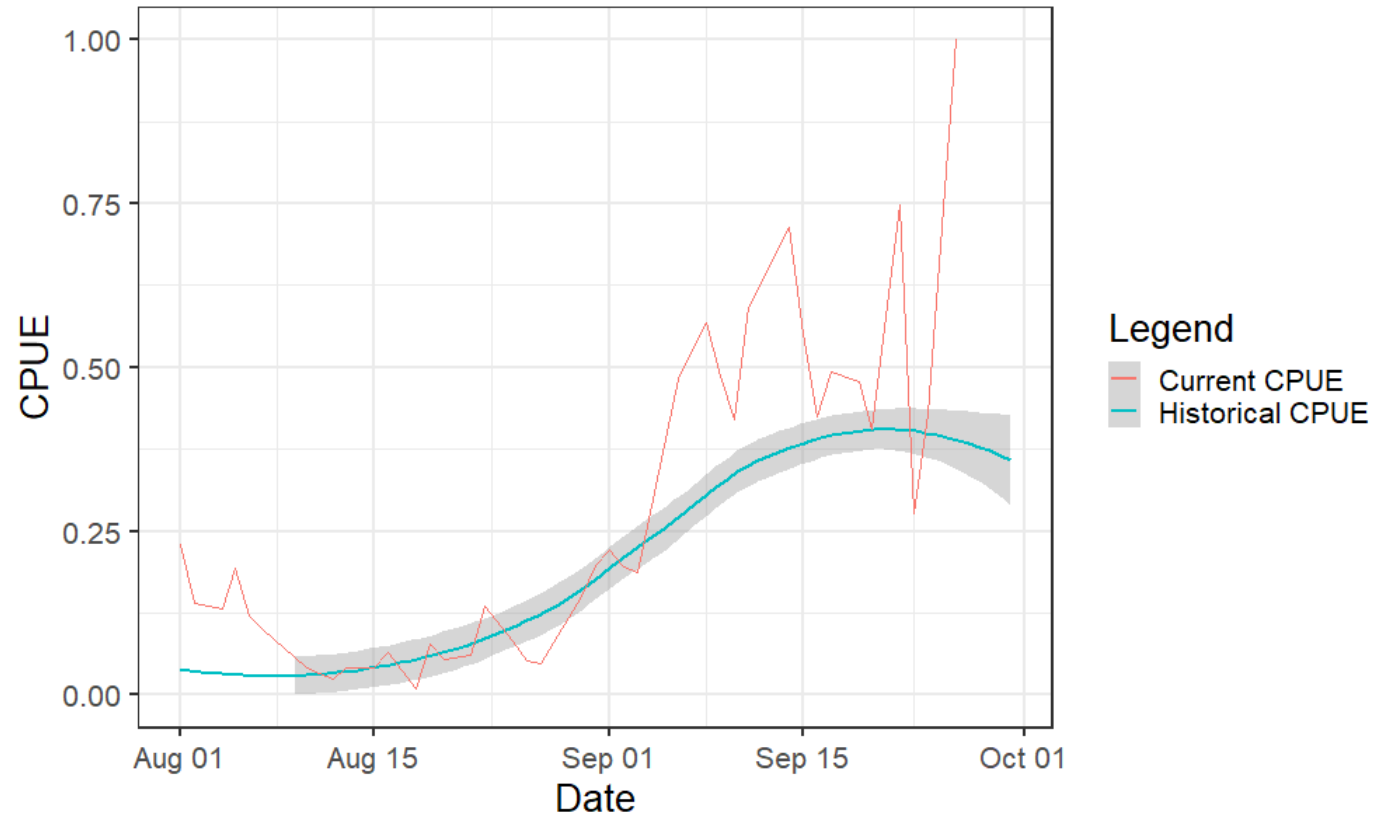


MA-8.2 Coho

Month	Metric	FRAM	Est	%
August	Retained	604	1098	182%
	Total Encounters	1204	1896	157%
Sep	Retained	4947	3,211	65%
	Total Encounters	9887	4,483	45%

- NS for Coho
- Open 8/1 – 9/24

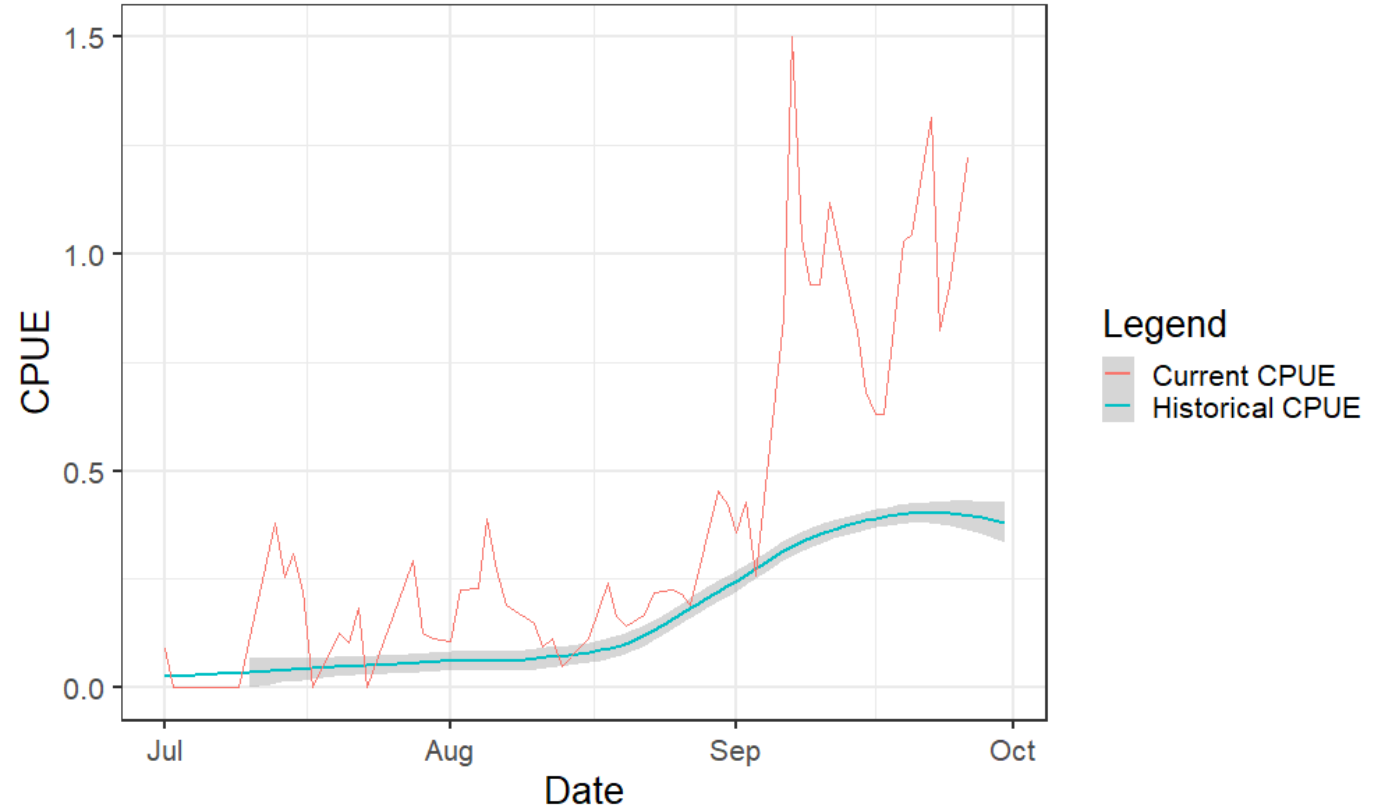
Coho Salmon In Area 82 Cpue Comparison



MA-9 Coho

Month	Metric	FRAM	Est	%
July	Retained	928	3277	353%
	Total Encounters	3041	8072	265%
August	Retained	1435	2288	159%
	Total Encounters	4623	4774	103%
Sep 1-17	Retained	2,038	7,193	353%
	Total Encounters	6917	14,428	209%
Sep 18-30	Retained	8,679	5,370	62%
	Total Encounters	24,419	6,930	28%

Coho Salmon In Area 09 Cpue Comparison



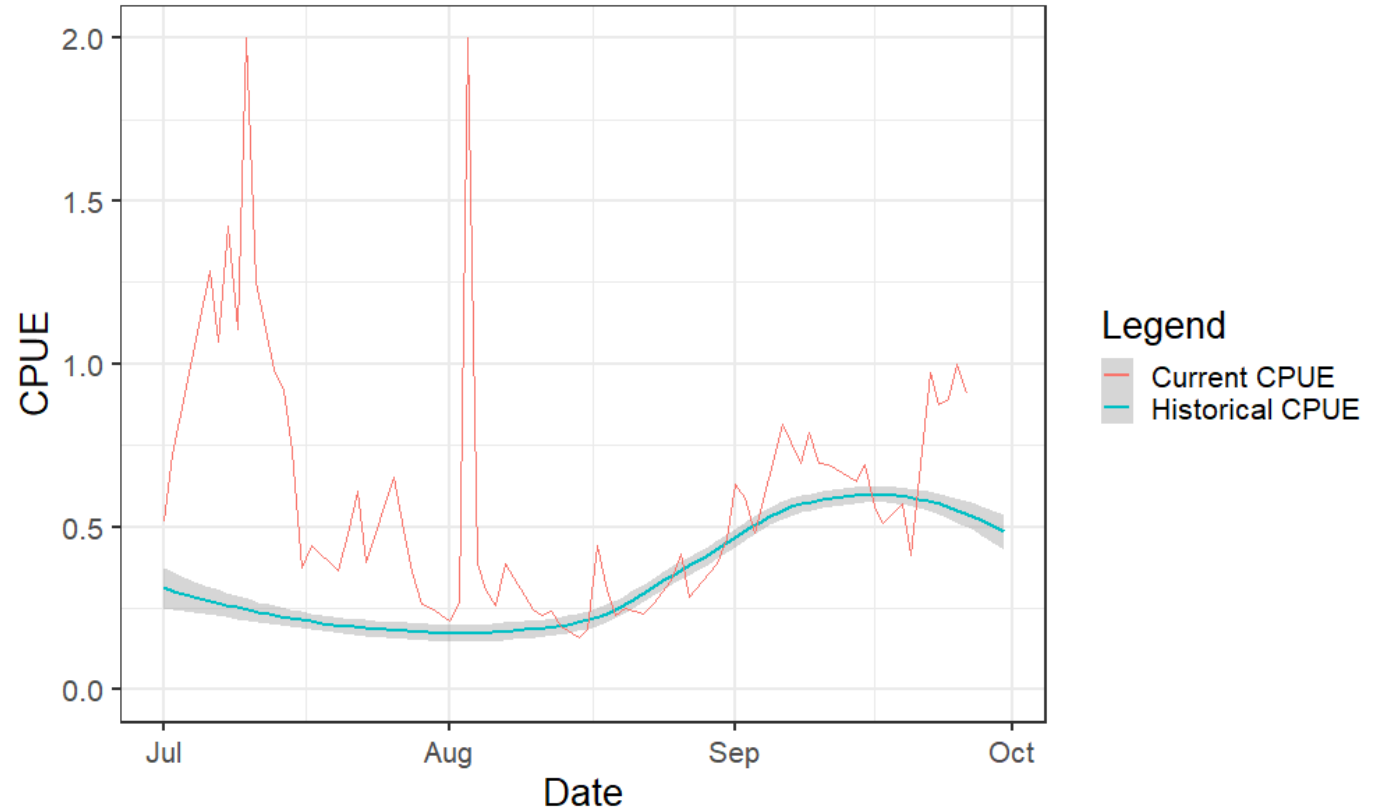
- Currently NS as of 9/18
- Open through 9/30



MA-10 Coho

Month	Metric	FRAM	Est	%
July	Retained	4,810	12,717	264%
	Total Encounters	9,610	17,029	177%
August	Retained	3,854	5,335	138%
	Total Encounters	7,714	8,181	106%
Sep	Retained	16,425	10,704	65%
	Total Encounters	32,845	16,938	52%

Coho Salmon In Area 10 Cpue Comparison



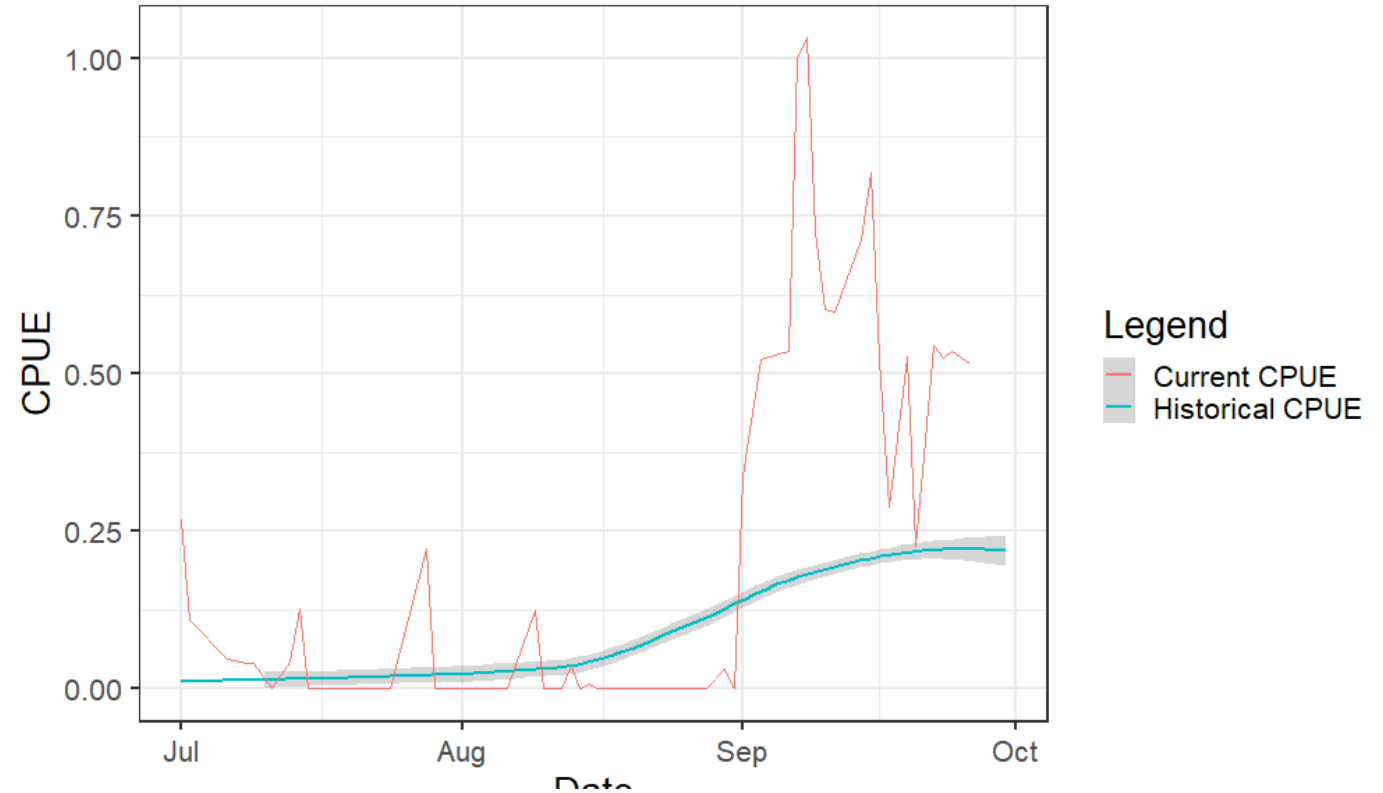
- NS for Coho
- Open through 10/31
- 1-Coho limit in early Aug due to high catch totals
- Back to 2-coho limit to spread out pressure on central sound



MA-11 Coho

Month	Metric	FRAM	Est	%
July	Retained	323	562	174%
	Total Encounters	643	689	107%
August	Retained	1,141	0	0%
	Total Encounters	2,281	0	0%
Sep	Retained	2,100	5,156	246%
	Total Encounters	4,200	6,150	146%

Coho Salmon In Area 11 Cpue Comparison



- NS for Coho
- Open through 10/31
- Shore-based only in August
- Marine Area fishery reopened 9/1



PINK CATCH UPDATES



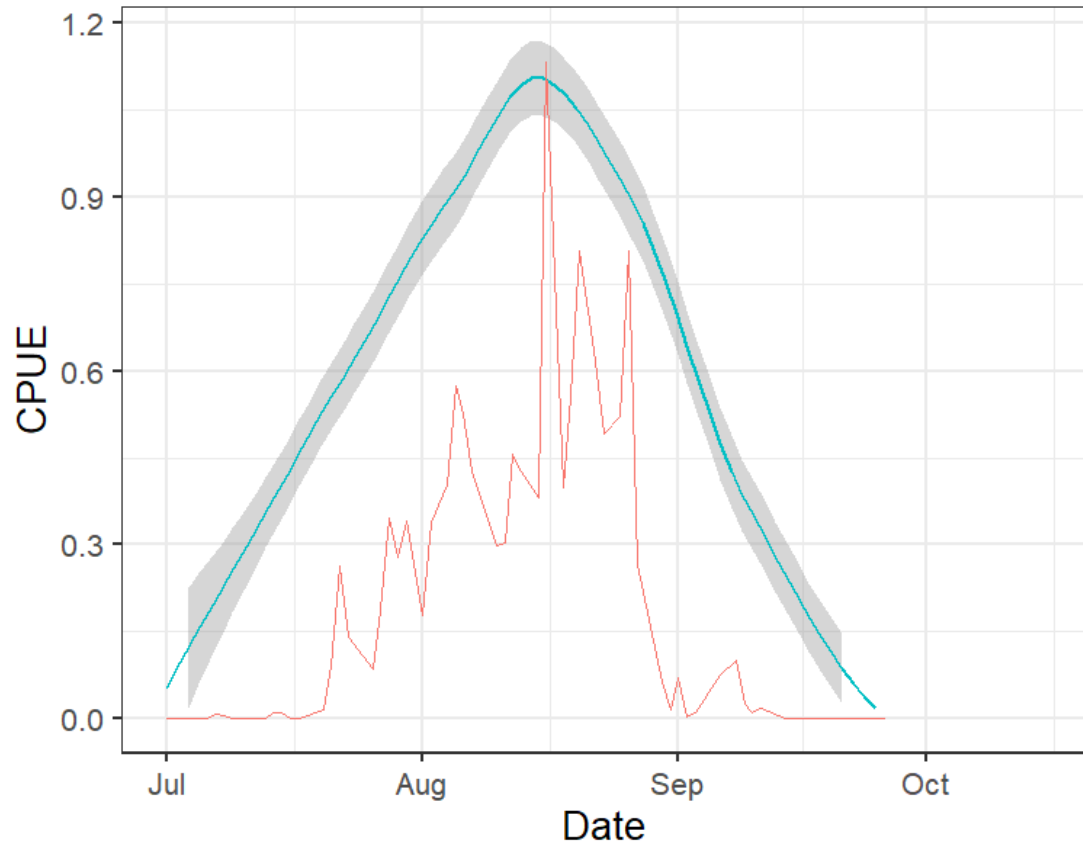
Estimated Pink Catch Through 9-24

Marine Area	July Catch	August Catch	September Catch	Total Catch
5	569	4,002	169	4,740
6	324	5,990	176	6,490
7	246	4,147	908	5,301
8.1	N/A	416	94	510
8.2	N/A	27,411	2,907	30,318
9	311	12,938	5,244	18,493
10	563	18,126	2,302	21,031
11	4	N/A	1231	1,235

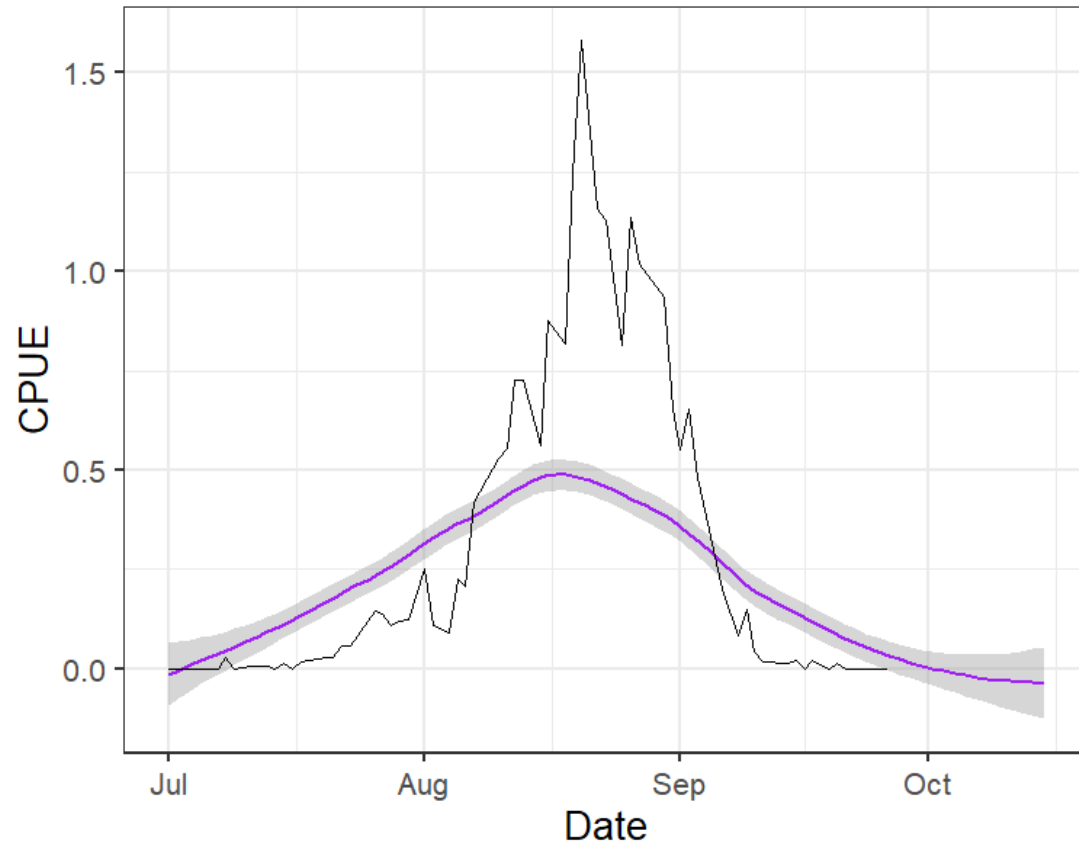


Pink CPUE – MA-5 and MA-6

Pink Salmon In Area 05 Cpue Comparison



Area 06 Pink CPUE Comparison



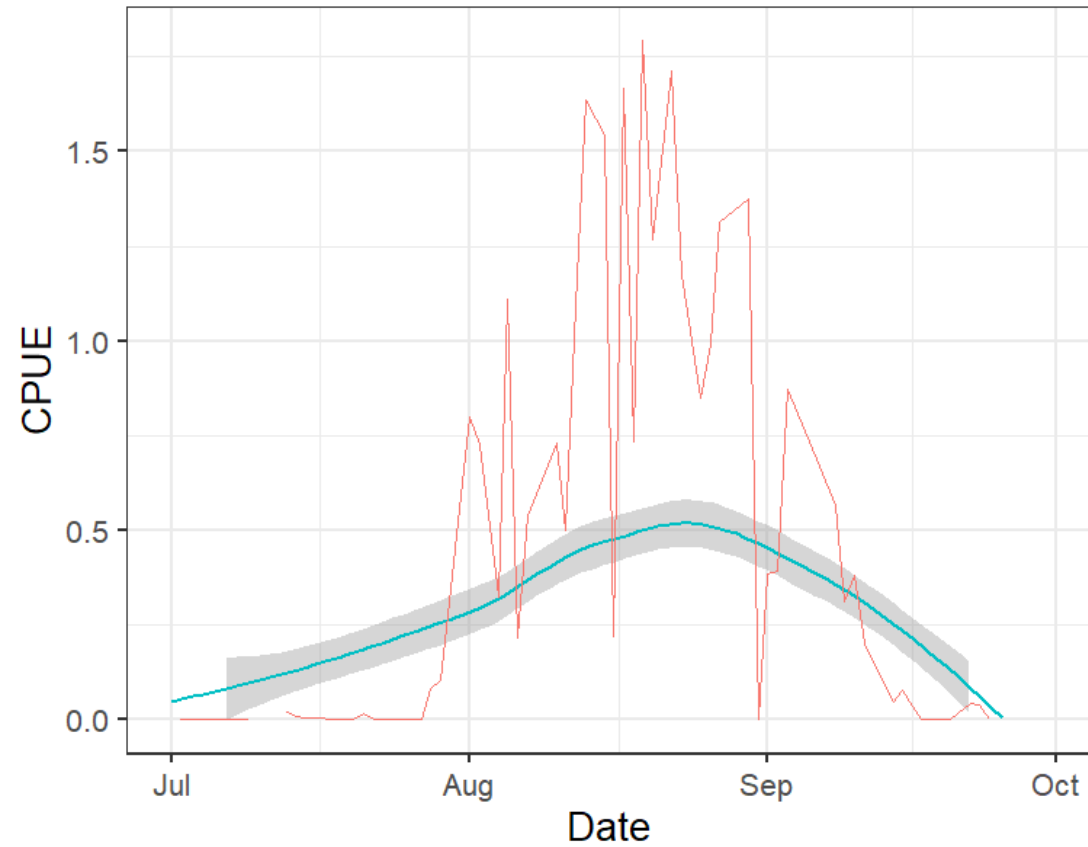
Legend

- Current CPUE
- Historical CPUE

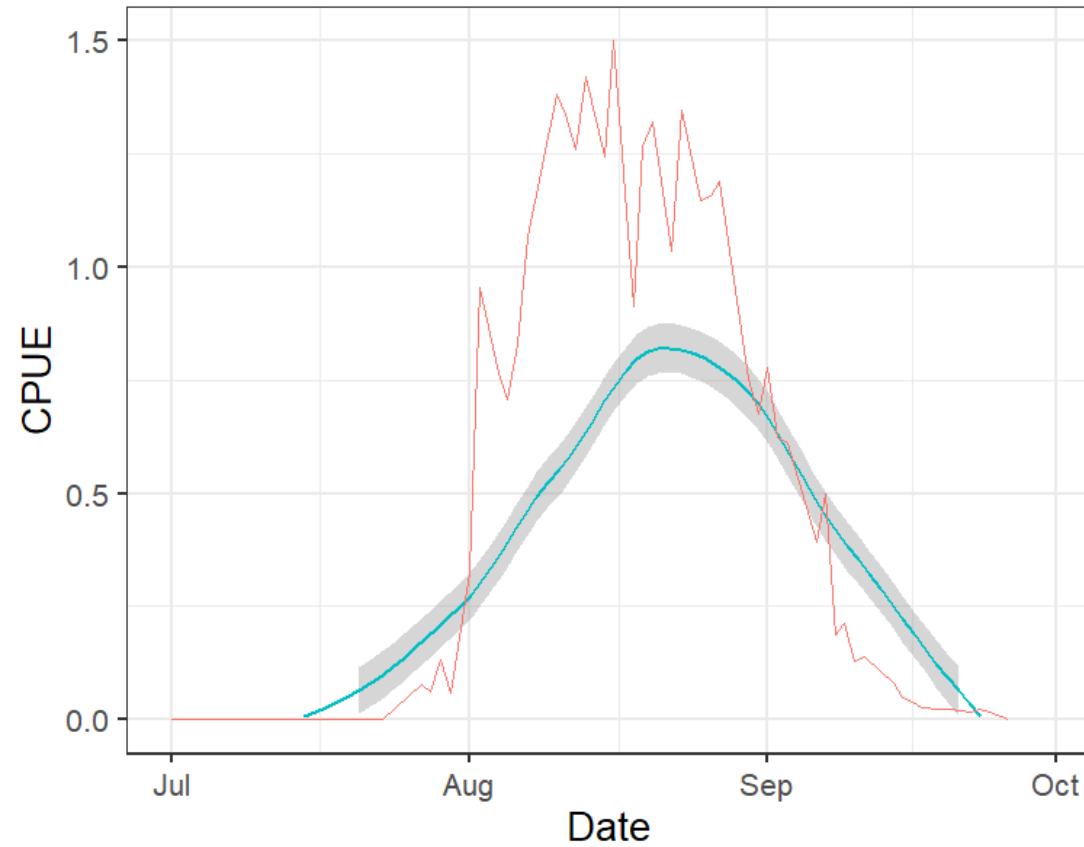


Pink CPUE – MA-7 and MA-9

Pink Salmon In Area 07 Cpue Comparison



Pink Salmon In Area 09 Cpue Comparison

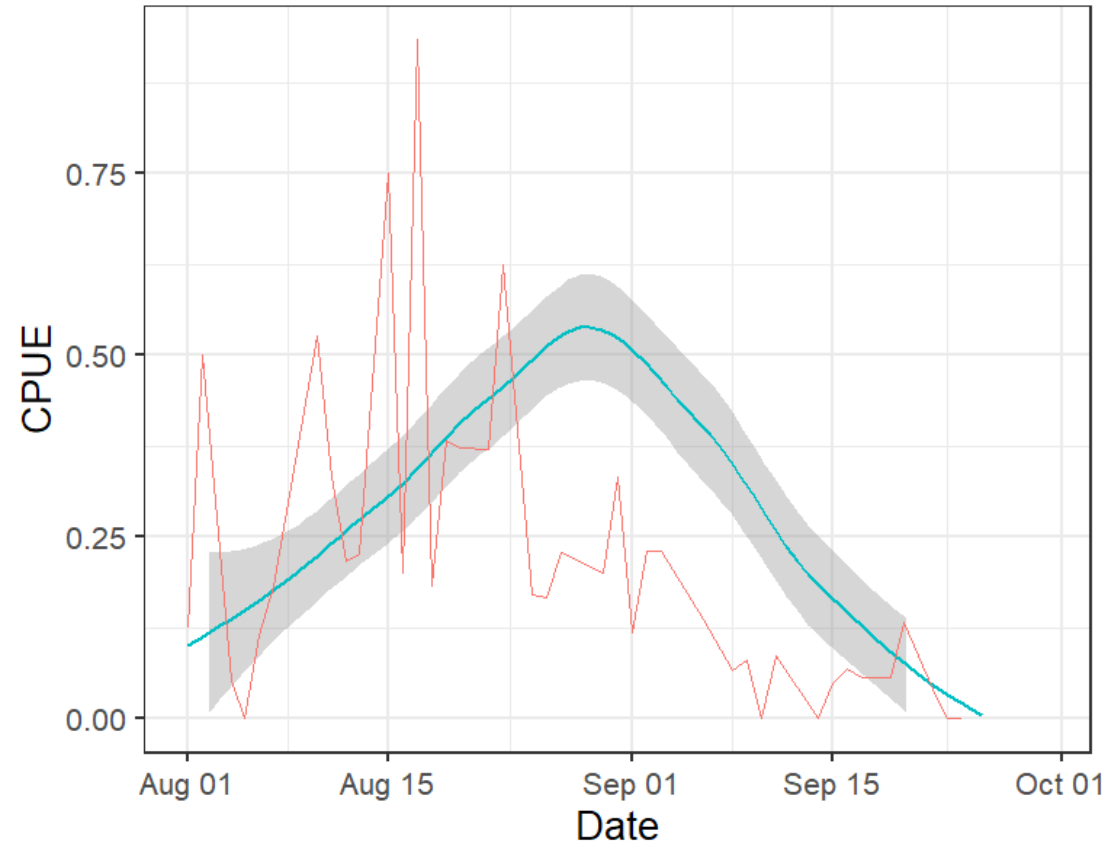


Legend
— Current CPUE
— Historical CPUE

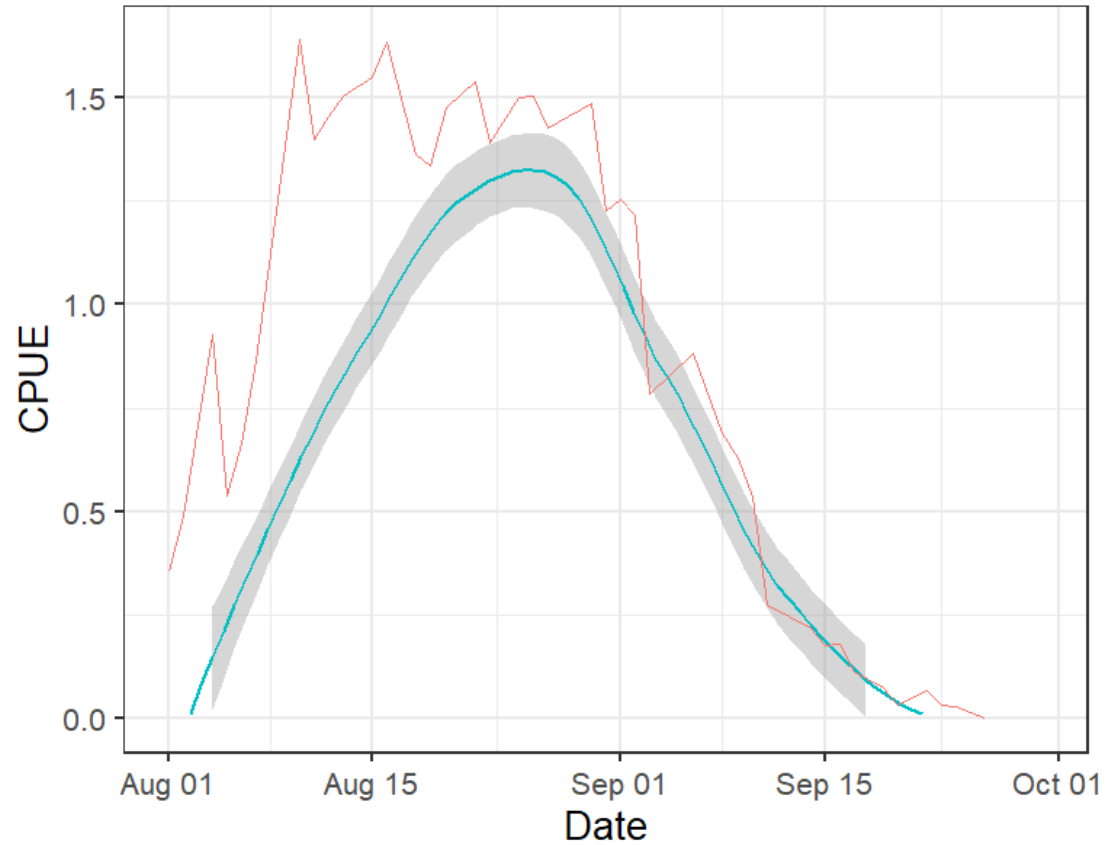


Pink CPUE – MA-8.1 and MA-8.2

Pink Salmon In Area 81 Cpue Comparison



Pink Salmon In Area 82 Cpue Comparison

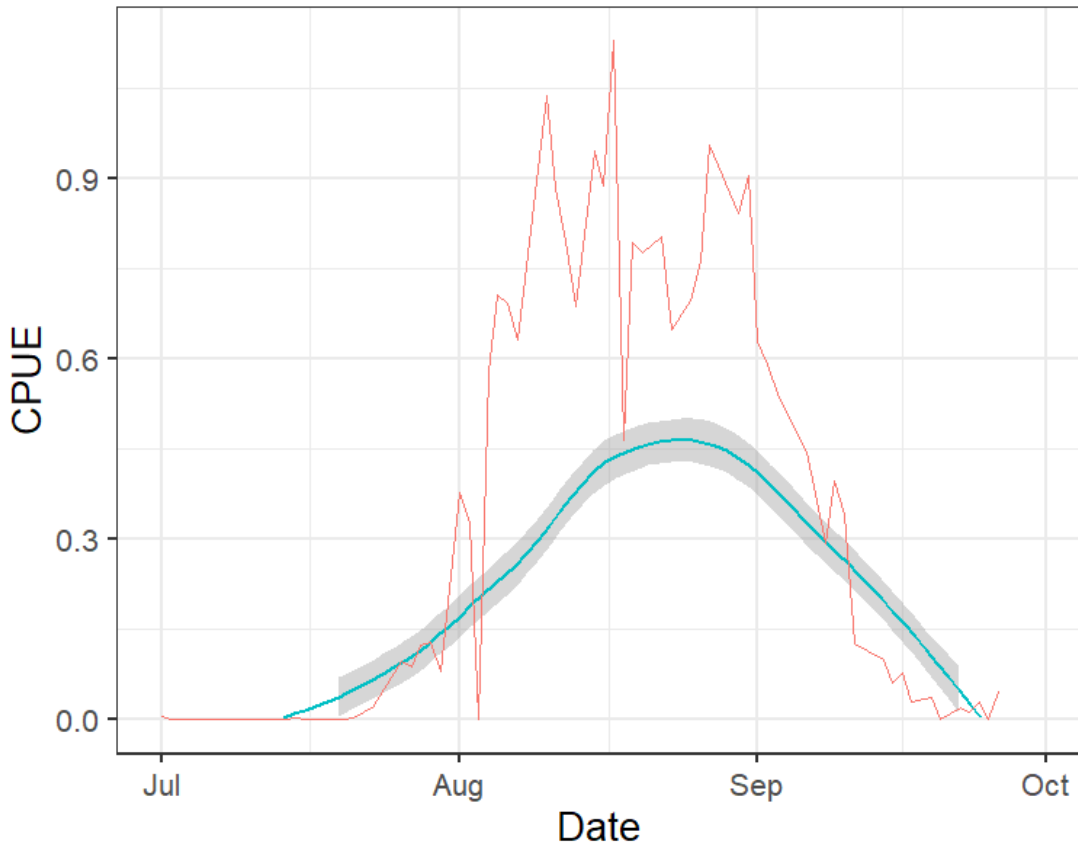


Legend
— Current CPUE
— Historical CPUE

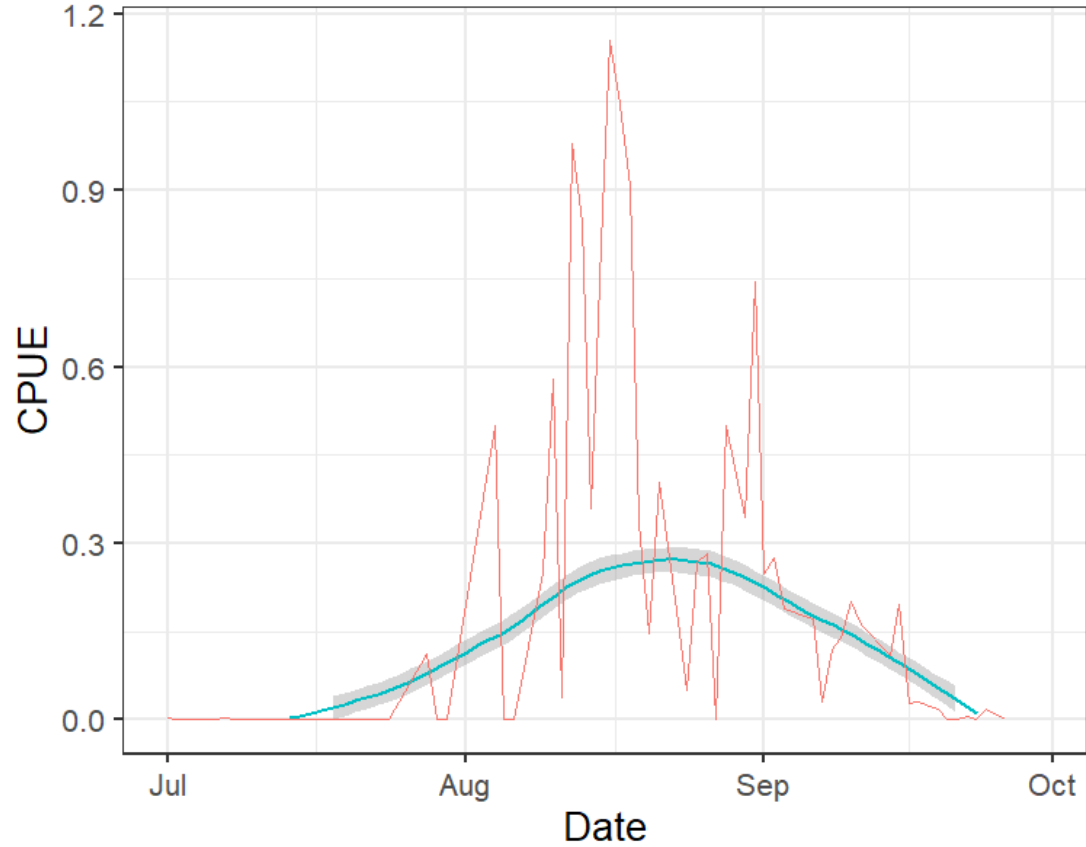


Pink CPUE – MA-10 and MA-11

Pink Salmon In Area 10 Cpue Comparison



Pink Salmon In Area 11 Cpue Comparison



Legend

- Current CPUE
- Historical CPUE



General Impressions- update

Coho

- Overall Coho catches have been higher than historical average
- Potentially higher numbers of residents?
 - Early season catches very high
- Dropped to 1 Coho limit in 10 in late July

Pink

- Very high run sizes expected this year to Fraser
- High number of returns expected to both Skagit and Snohomish
- Higher than average CPUE observed in most marine areas so far





PSRFE Goals and Objectives

Goals/ Strategies/ Objectives

Goals and Objectives adopted in Feb 2013

“The purpose of the PSRFE is to **conserve, enhance, and promote** recreational fisheries within Puget Sound and Lake Washington.”

Program Goal:

- **Improve recreational fishing opportunities.**
- **Increase the economic benefits.**

Current Outcome Performance Measure:

- **Increase angler trips by 5% per biennium.**



What does *conserve*, *enhance* and *promote* mean to you?

- **Conserve:** taking measures to protect and preserve fish stocks and their habitats. When fish populations are limited, it is essential to implement conservation measures such as catch limits, size restrictions, and seasonal closures to prevent overfishing and allow fish populations to recover.
- **Enhance:** or improve the quality of the fishing experience. This can include focusing on hatchery programs that yield the highest contributions to marine sport fisheries, habitat restoration to create more suitable conditions for fish, such as the restoration project on the Stillaguamish, and managing ecosystems to support healthy fish populations.
- **Promote:** or encourage responsible and sustainable fishing practices among anglers. This includes educating anglers about catch and release practices (safe handling techniques), providing information on fishing regulations to all anglers, and promoting ethical and conservation-minded fishing behavior.



Conserve, enhance, and promote...



How do we balance fishing opportunity and long-term sustainability of fish populations?



How do we garner support for sustainable practices that may not align with immediate interests?



PS Rec Fisheries Enhancement Oversight Committee

It is up to this committee to bring together the interests of conservation and the fishing industry to find solutions that benefit both.

PSRFE_ 2023

“The purpose of the PSRFE is to **conserve, enhance, and promote** recreational fisheries within Puget Sound and Lake Washington.”

Program Goal:

- ~~–Improve recreational fishing opportunities~~
- ~~–Increase the economic benefits.~~

Current Outcome Performance Measure:

- ~~–Increase angler trips by 5% per biennium. □~~



PSRFE_2023

Program Goal Ideas:

- Improve angler participation in sustainable fishing practices
- Increase economic benefit of sustainable fishing practices (i.e. cost-effectiveness of hatchery production)

Outcome Performance Measure:

- Increase angler participation in sustainable fishing practices by 5% per biennium.
 - This participation could include:
 - Angler trips
 - North of Falcon
 - Education and outreach
 - Citizen- science



Do we want to rebuild the 4 strategies to match conservation, enhancement, and promotion of fisheries?

❖ Conserve

- Engage anglers in conservation efforts by involving them in decision-making practices.

❖ Enhance

- Cost of Hatchery production, Recoveries of hatchery programs, bottomfish fishery options..

❖ Promote

- Sustainable practices, education..



4 strategies of PSRFEF

1

Improve
marketing
and remove
obstacles

2

Increase
effectiveness
of hatcheries

3

Improve
bottomfish
fisheries

4

Stabilize and
enhance
resources



Improve marketing and remove obstacles to build interest and participation in the fishery.

01

Increase the percentage of Puget Sound anglers that are aware of Puget Sound fishing opportunities supported by PSRFE.

02

Identify and promote fisheries on healthy stocks currently underutilized.

03

Capitalize on WDFW activities to develop marketing tools in a unified approach to encourage participation and educate new and experienced anglers when, where, and how to fish in Puget Sound



Improve marketing and remove obstacles



Increase the percentage of Puget Sound anglers that are aware of Puget Sound fishing opportunities supported by PSRFE.

Few anglers understand that license sales go to enhancement groups with oversight committees

- Puget Sound Enhancement
- Warmwater Enhancement
- Regional Fishery Enhancement Group



Note: Keep this program objective and educate the public on how their money is spent.

PSRFE dedicates its funds to: hatchery production, net pen projects, outreach events, marking and tagging programs.



Improve marketing...

Identify and promote fisheries on healthy stocks currently underutilized.



Pink fisheries!



Improve marketing...

Capitalize on WDFW activities to develop marketing tools in a unified approach to encourage participation and educate new and experienced anglers when, where, and how to fish in Puget Sound

We can do a better job in:

1. Outreach
2. Education specifically on the enhancement group



How can we **remove obstacles**?



Identify obstacles from anglers to build interest and participation in fisheries.

Language barrier
Pier /Shore access



Help facilitate a better understanding of Puget sound management.

Encourage participation in North of Falcon.
Encourage participation in citizen-based science
• Observer Ride- alongs



Identify obstacles within Puget Sound management to better support fisheries

Salmon Trip Reports



Increase effectiveness of hatcheries providing salmon to Puget Sound fisheries.

Review

Review salmon production programs and facilities in Puget Sound to better understand their capabilities, limitations, and ways to increase the contribution rate.

Minimize

Minimize the cost/fish of hatchery salmon caught in Puget Sound marine fisheries

Evaluate

Evaluate potential to improve fishing opportunities with artificial production of other salmon species, e.g. coho, consistent with Hatchery and Fishery Reform Policy.

Increase

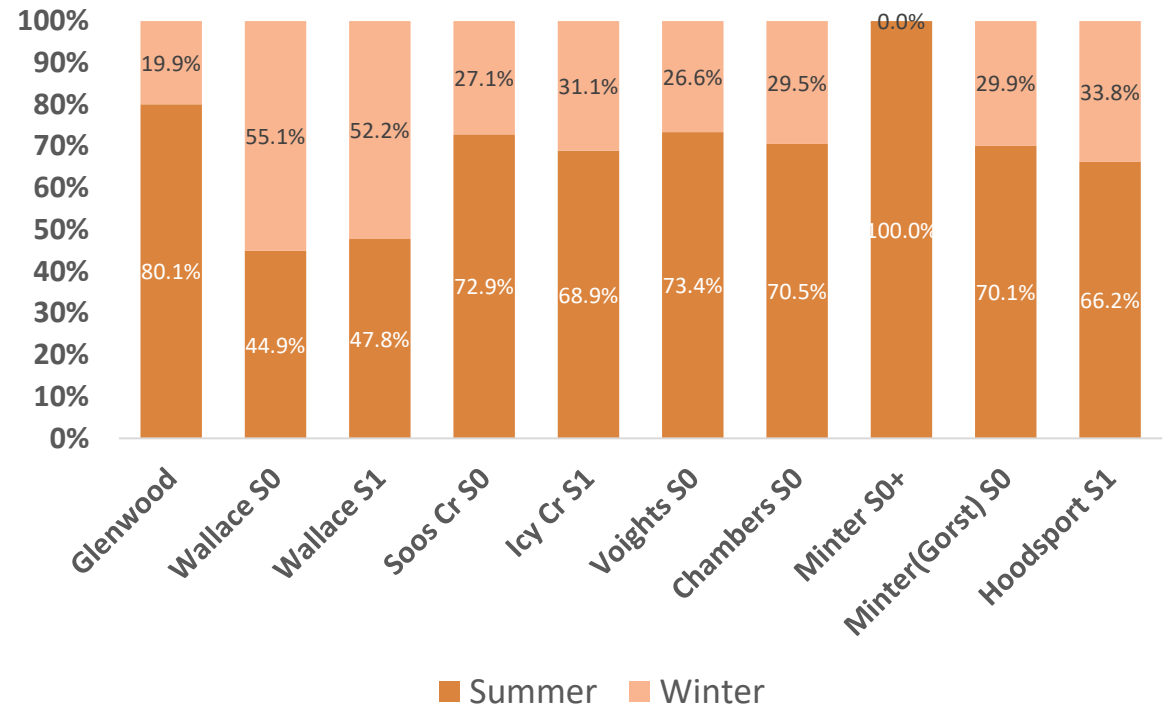
Increase the survival of Lake Washington sockeye.



Increase effectiveness of hatcheries

- Renew report on hatchery programs.
- Partner with the new Monitoring and Evaluation Unit to write reports on hatchery production.
- Emphasize enhancement on cost-effective hatchery programs.
- Implement new ideas to enhance hatchery programs (fish culture conference)

Summer v Winter Puget Sound Sport Fishery Contribution



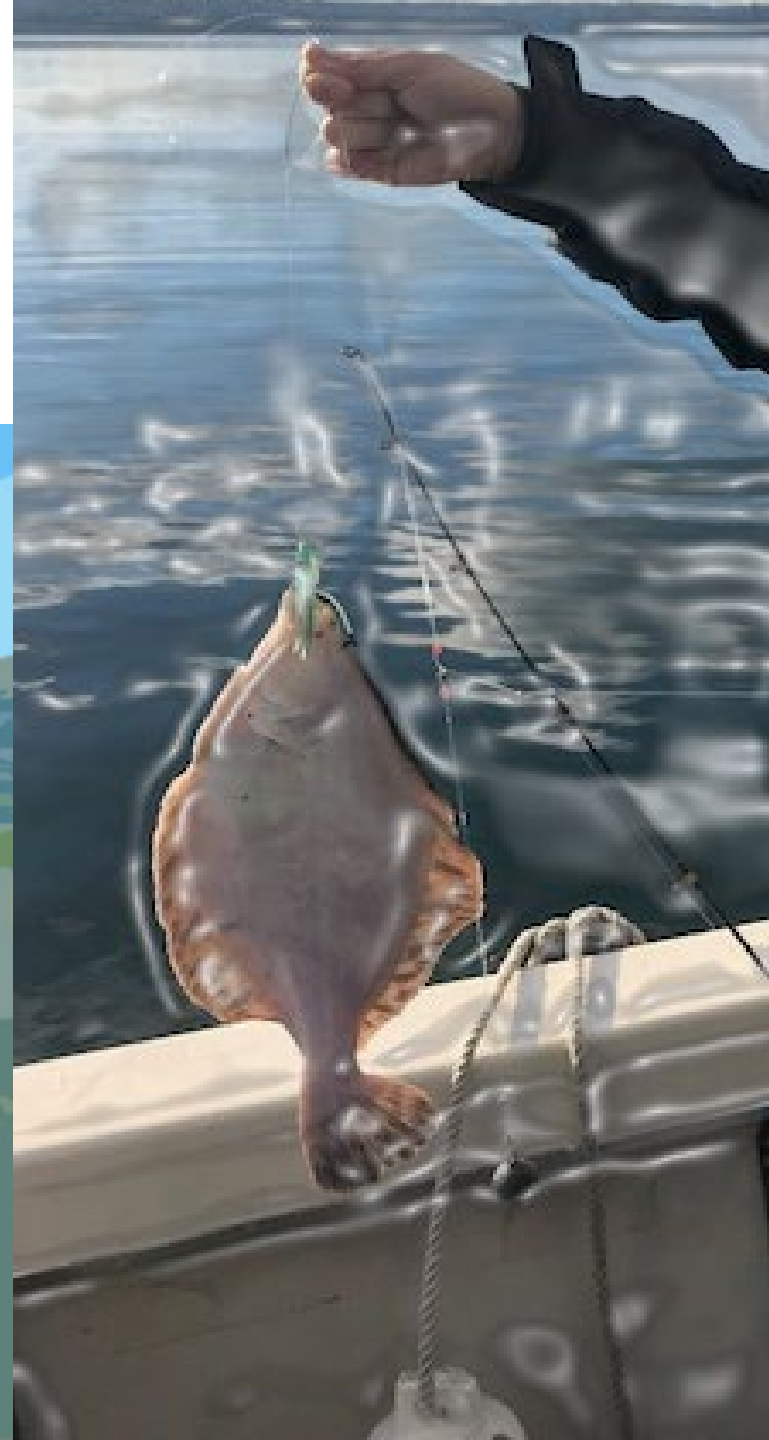
Develop a longterm strategy for improving recreational bottomfish fisheries in Puget Sound.

1. Support research to evaluate the risks and uncertainties associated with the release of cultured bottomfish and artificial habitats.
2. Use outreach and education to decrease mortality on rockfish.



Rewrite strategy to emphasize enhancement of:

- **Bottomfish fisheries**
- **Habitat restoration**



Stabilize and enhance resources invested in improving Puget Sound recreational fisheries

License

License fees and contribution rate of enhancement funds are adjusted regularly to reflect the cost of living (e.g. CPI, current inflation rate).

Identify and pursue

Identify and pursue other funding sources.

Increase

Increase the number of licensed anglers that fish in Puget Sound and Lake Washington.



Stabilize and enhance resources

- Youth outreach and education (salmon programs at local schools).
- Surplus salmon to veterans
- Invest in science for the future (i.e. hydroacoustics monitoring)





What's next?

Homework for Meeting Part 2

- Review the overall program goal, strategies, and objectives discussed today.
- Brainstorm performance measures for the next meeting.



Next Meeting → Early November

- Follow Up discussion on performance measures
- We will include:
 - Kathryn Meyer or Larry LeClair from WDFW Groundfish to discuss Martin Chen's Flatfish proposal in MA-12
 - Discussion on Gabe Miller's Avid Angler Program
 - Megan Brady from South Puget Sound Salmon Enhancement Group to discuss youth outreach and funding opportunity



Questions/Comments?

