

# 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.
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***Please do not use the chat for questions or comments on the presentation, we will take those live.***



# Puget Sound NoF Recreational Breakout Discussion

March 16, 2021



# WDFW Team

- Mark Baltzell, Statewide Salmon and Steelhead Manager
- Derek Dapp, WDFW Modeling Team
- Chad Herring, Anadromous Resource Policy Analyst
- Jake Rice, Puget Sound Salmon Manager
- Dr. Kirsten Simonsen, Puget Sound Recreational Biologist



# Agenda

- Forecast Review
- Pink and Chum Forecasts
- Chinook and Coho Management Objectives
- Modeling Runs
- Recreational Considerations
- Public Comment



# Forecast Recap for 2021

## Puget Sound Chinook:

- Natural stocks down 20% and Hatchery stocks down 2% from recent 10 yr avg

## Puget Sound Coho:

- Natural stocks down 15% and Hatchery stocks up 35% from 10 yr avg

## Puget Sound Pink:

- Puget Sound Pink forecast down 31% from recent 10-year avg.

## Puget Sound Chum:

- Natural stocks down 61% and Hatchery stocks down 64% from 10 yr avg



# Puget Sound Chinook Forecast Comparisons

<b><u>Basin</u></b>	<b><u>Natural</u></b>		
	<b>2020</b>	<b>2021</b>	<b>Comparison</b>
Hoko	1,411	639	<b>0.45</b>
Dungeness	288	358	<b>1.24</b>
Elwha	187	216	<b>1.16</b>
Skagit springs	1,605	1,556	<b>0.97</b>
Skagit summer/falls	12,877	10,461	<b>0.81</b>
Stillaguamish	359	325	<b>0.91</b>
Snohomish	2,978	2,922	<b>0.98</b>
Lake Washington	807	746	<b>0.92</b>
Green	2,396	3,949	<b>1.65</b>
Puyallup	1,674	1,398	<b>0.84</b>
White River springs	2,459	2,623	<b>1.07</b>
Nisqually	901	911	<b>1.01</b>
Skokomish	503	278	<b>0.55</b>
Mid Hood Canal	39	18	<b>0.46</b>
<b>Total (others included)</b>	<b>28,485</b>	<b>26,401</b>	<b>0.93</b>



# Puget Sound Chinook Forecast Comparisons

<u>Basin</u>	<u>Hatchery</u>		
	2020	2021	Comparison
Hoko	829	405	<b>0.49</b>
Dungeness	503	345	<b>0.69</b>
Elwha	3,973	4,584	<b>1.15</b>
Nooksack/Samish	17,143	20,024	<b>1.16</b>
Skagit springs	4,093	3,613	<b>0.88</b>
Skagit summer/falls	469	525	<b>1.12</b>
Stillaguamish	542	587	<b>1.08</b>
Snohomish	6,754	6,051	<b>0.90</b>
Lake Washington	3,787	3,664	<b>0.97</b>
Green	23,420	20,419	<b>0.87</b>
Puyallup	11,465	16,437	<b>1.43</b>
White River springs	1,537	1,302	<b>0.85</b>
Nisqually	16,934	13,887	<b>0.82</b>
Skokomish	37,876	32,986	<b>0.87</b>
<b>Total (others included)</b>	<b>214,343</b>	<b>190,080</b>	<b>0.89</b>



# Puget Sound Coho Forecast Comparisons

<u>Basin</u>	<u>Natural</u>		
	2020	2021	Comparison
Dungeness	955	716	<b>0.75</b>
Elwha	2,184	213	<b>0.10</b>
Other Strait	7,526	6,684	<b>0.89</b>
Nooksack/Samish	15,088	34,261	<b>2.27</b>
Skagit	29,492	58,434	<b>1.98</b>
Stillaguamish	19,462	26,828	<b>1.38</b>
Snohomish	39,020	60,000	<b>1.54</b>
Lake Washington	668	1,588	<b>2.37</b>
Green	1,361	1,557	<b>1.14</b>
Puyallup	949	10,093	<b>10.64</b>
Nisqually	981	3,239	<b>3.30</b>
Deschutes	27	615	<b>22.78</b>
Skokomish	2,105	1,986	<b>0.94</b>
Other Hood Canal	33,356	27,267	<b>0.82</b>
<b>Total (others included)</b>	<b>162,709</b>	<b>245,889</b>	<b>1.51</b>





# Puget Sound Coho Forecast Comparisons

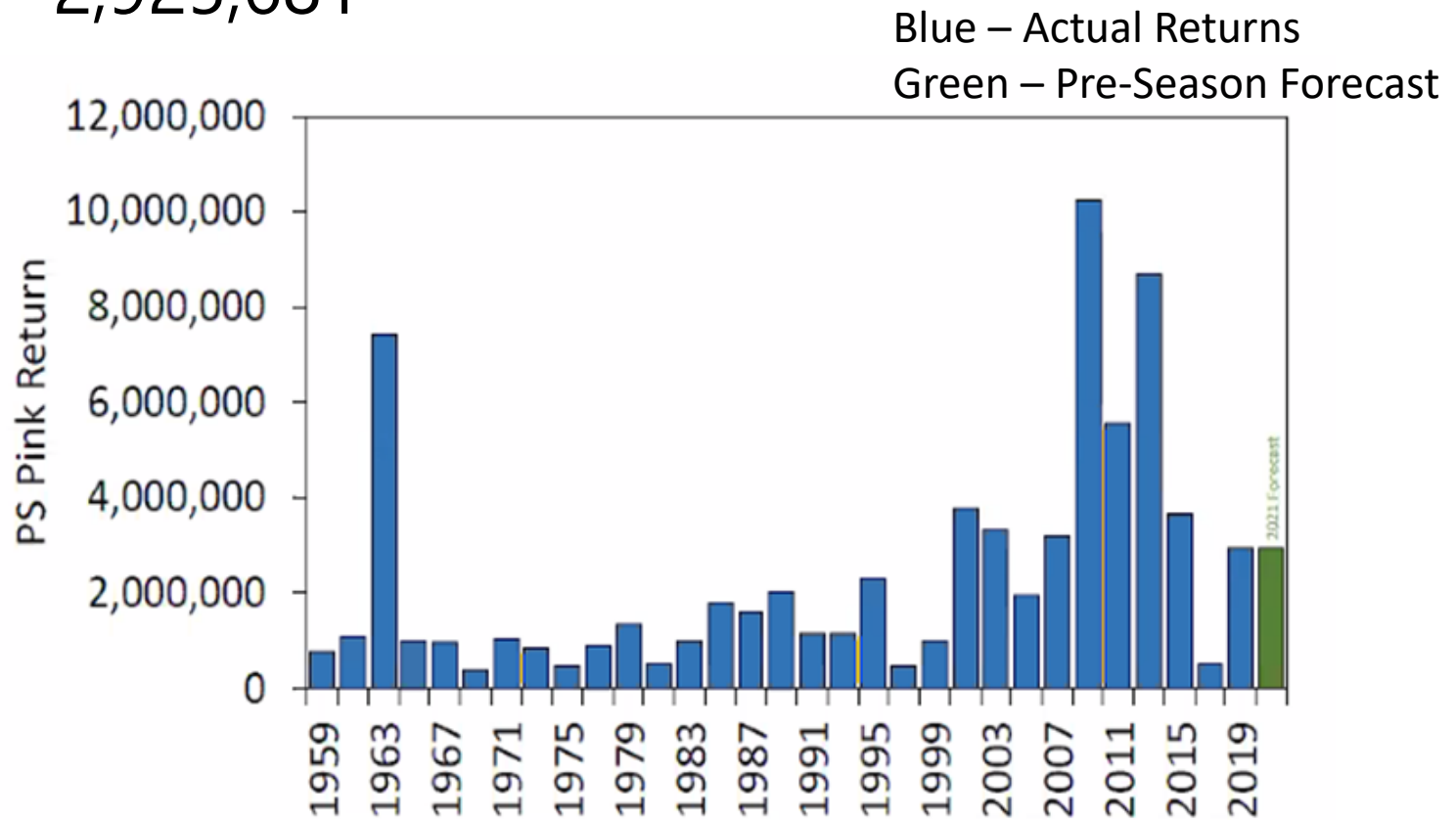
<u>Basin</u>	<u>Hatchery</u>		
	2020	2021	Comparison
Dungeness	15,954	10,131	<b>0.64</b>
Elwha	1,525	1,416	<b>0.93</b>
Nooksack/Samish	42,479	54,569	<b>1.28</b>
Skagit	19,644	22,017	<b>1.12</b>
Stillaguamish	2,287	4,004	<b>1.75</b>
Snohomish	5,866	29,938	<b>5.10</b>
Lake Washington	7,869	6,218	<b>0.79</b>
Green	68,002	75,928	<b>1.12</b>
Puyallup	25,485	30,758	<b>1.21</b>
Nisqually	7,737	13,815	<b>1.79</b>
Deschutes	44,644	54,289	<b>1.22</b>
Skokomish	22,516	16,528	<b>0.73</b>
Other Hood Canal	39,092	31,748	<b>0.81</b>
<b>Total (others included)</b>	<b>341,895</b>	<b>369,059</b>	<b>1.08</b>



# Puget Sound Pink Forecast

2019 – 608,388

2021 – 2,925,681



# Pre-season Estimates

## Puget Sound Pink

<b><u>PINK</u></b>			
	<b>HATCHERY</b>	<b>WILD</b>	<b>TOTAL</b>
<b>Puget Sound</b>			
<b>Nooksack</b>		<b>240,000</b>	<b>240,000</b>
<b>Skagit</b>		<b>927,300</b>	<b>927,300</b>
<b>Stillaguamish</b>		<b>51,607</b>	<b>51,607</b>
<b>Snohomish</b>		<b>555,929</b>	<b>555,929</b>
<b>Green</b>		<b>397,732</b>	<b>397,732</b>
<b>Puyallup</b>		<b>358,368</b>	<b>358,368</b>
<b>Nisqually</b>		<b>184,636</b>	<b>184,636</b>
<b>South Sound Misc.</b>		<b>142</b>	<b>142</b>
<b>Hood Canal</b>	<b>5,009</b>	<b>169,235</b>	<b>174,244</b>
<b>Strait of Juan de Fuca</b>	<b>75</b>	<b>35,648</b>	<b>35,723</b>
<b>Puget Sound Total</b>	<b>5,084</b>	<b>2,920,597</b>	<b>2,925,681</b>



# CHUM - FALL

	HATCHERY	WILD	TOTAL
Puget Sound			
Nooksack/Samish	7,359	20,315	27,674
Skagit	484	3,619	4,103
Stillaguamish	119	11,372	11,491
Snohomish	4,406	4,683	9,089
<b>Central Sound</b>	<b>37,538</b>	<b>39,312</b>	<b>76,850</b>
<b>South Sound</b>	<b>16,375</b>	<b>104,703</b>	<b>121,078</b>
<b>Hood Canal</b>	<b>186,474</b>	<b>86,922</b>	<b>273,396</b>
Strait of Juan de Fuca	136	1,787	1,923
<b>Puget Sound Total</b>	<b>252,891</b>	<b>272,713</b>	<b>525,604</b>

## Pre-season Estimates

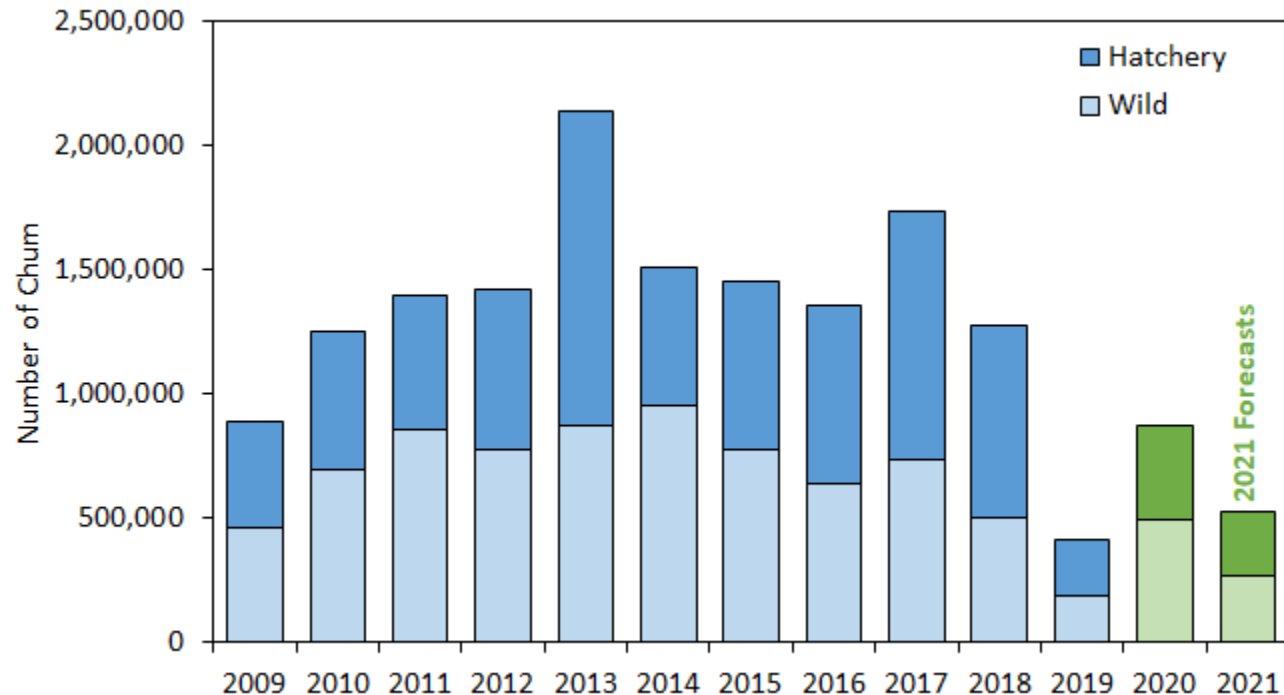
### Puget Sound Chum

**Areas 10/11 Opportunity**

- ISU Dependent

**Areas 12/12B Opportunity**

- ISU Dependent



# Chinook Management Objectives PS

Management Unit	NMFS Guidance/Co-Manager Proposal
Nooksack Spring	10.5% SUS ER
Skagit Summer/Fall	17% SUS ER
Skagit Spring-run	10.3% SUS ER
<b>Stillaguamish River</b>	<b>22% Total / 8% UM; 12% M SUS max</b>
Snohomish River	19% Total / 8% SUS ER
Lake Washington	13% PT SUS
Green River	13% PT SUS
White River Spring-run	22% SUS
Puyallup	13% PT SUS
Nisqually	47% Total
Skokomish fall-run	50% total
<b>Mid Hood Canal</b>	<b>TBD PT SUS</b>
Dungeness	10% SUS
Elwha	10% SUS



# Current Chinook Modeling PS

Management Unit	NMFS Guidance/Co-Manager Proposal	2020 Fisheries/2021 Abundances (High Ocean Option)
Nooksack Spring	10.5% SUS ER	10.2%
<b>Skagit Summer/Fall</b>	<b>17% SUS ER</b>	<b>29.2%</b>
<b>Skagit Spring-run</b>	<b>10.3% SUS ER</b>	<b>9.8%</b>
<b>Stillaguamish River</b>	<b>22% Total / 8% UM; 12% M SUS max</b>	<b>20.1% Total/8.5% UM; 12.1% M SUS</b>
Snohomish River	19% Total /8% SUS	17.5% Total/6.7% SUS
Lake Washington	13% PT SUS	12.8%
Green River	13% PT SUS	12.8%
White River Spring-run	22% SUS	16.2%
Puyallup	13% PT SUS	12.8%
<b>Nisqually</b>	<b>47% Total + 2% Exp</b>	<b>52.3%</b>
Skokomish fall-run	50% total	49.7%
<b>Mid Hood Canal</b>	<b>TBD PT SUS</b>	<b>14.2%</b>
Dungeness	10% SUS	4.2%
Elwha	10% SUS	3.9%

# Coho Management Objectives

## Puget Sound

<b>Puget Sound Wild Management Units</b>	<b>2021 Modeled Escapement (High Opt-b)</b>	<b>2021 Assigned FMP Status</b>	<b>Total ER Ceiling</b>
<b>Strait of Juan de Fuca</b>	<b>6,040</b>	<b>Critical</b>	<b>10% SUS</b>
<b>Hood Canal</b>	<b>16,544</b>	<b>Low</b>	<b>45%</b>
<b>Skagit</b>	<b>40,350</b>	<b>Low</b>	<b>35%</b>
<b>Stillaguamish</b>	<b>19,716</b>	<b>Normal</b>	<b>50%</b>
<b>Snohomish</b>	<b>47,113</b>	<b>Low</b>	<b>40%</b>
<b>Thompson (Fraser Rv)</b>	<b>34,744</b>	<b>Low</b>	<b>10% SUS</b>



# Current Coho Modeling (2021 Abundances with 2020 Fisheries)

Management Unit	ER CEILING	High	Mid	Low
SKAGIT	35%	31.3%	30.8%	28.8%
STILLY	50%	26.7%	26.3%	24.9%
SNOHOMISH	40%	21.7%	21.3%	19.8%
SNOHOMISH ESC	55,000	47,113	47,355	48,227
HOOD CANAL	45%	42.9%	42.3%	40.3%
JUAN DE FUCA TRIBS	10% SUS	6.5%	5.9%	3.9%
Lower Fraser (Thompson)	10% SUS	7.8%	7.0%	4.4%





# 2021 Recreational Considerations

- Chinook Management Objectives
- Coho Management Objectives
- Recreational Chum Fisheries 2021
- Winter Fishing Opportunities/Gear Study
- Pink/Chum opportunities



# Public Comment

**On-line commenting – March-April**

<https://wdfw.wa.gov/fishing/management/north-falcon>

## Public Meetings

March 23 – Puget Sound Recreational Fisheries Discussion

Zoom, 6:00 pm

March 25 – Puget Sound Recreational Fisheries Discussion

Zoom, 6:00 pm

March 31 – North of Falcon #2, Zoom, 9:00 am

April 6-9, 12-15 – PFMC #2, Webinar, 9:00 am 1<sup>st</sup> Day



## Learn more

To get up-to-date information about upcoming meetings, proposed seasons, updated forecasts, and opportunities for public comment, visit:

<https://wdfw.wa.gov/nof>



# Questions/Comments?

