

# REGIONAL COMMITTEE ON MARKING AND TAGGING

## 49<sup>TH</sup> MEETING

**MARCH 24 - 26, 2026**

**Boise, ID**



**REGIONAL MARK PROCESSING CENTER**  
A FISHERIES DATA PROJECT OF  
THE PACIFIC STATES MARINE FISHERIES COMMISSION

[www.rmpec.org](http://www.rmpec.org)  
6720 South Macadam Avenue, Suite 200  
Portland, OR 97219



# MS TEAMS TIPS

Please mute yourself when not speaking.

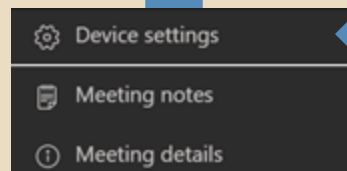
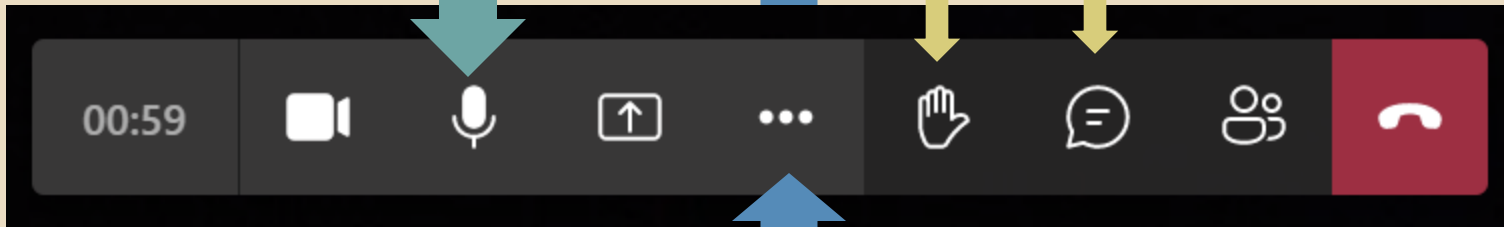
Use \*6 to mute phone audio.

Use the microphone icon on the control bar to mute computer audio.

Desktop view



Browser view



If you are having problems with audio/video, check your device settings.



# Welcome and Introductions

- In-person meeting room logistics
  - In room personal laptop use: turn off audio/volume
  - WIFI guest access
  - Refreshments
  - IDFG meeting host
- Order of introductions
  - RCMT members
    - follow order listed to the left
    - virtual, please keep camera on as feasible
  - Other attendees and guest presenters
    - in-person
    - virtual, please use the CHAT (name & affiliation) and leave camera off unless speaking

## RCMT Members

Dave Reggiani, MIC

Ash Shaffer, NWIFC

Marianne McClure, CRITFC

Caroline Lawrence, NOAA

Ben Cross, USFWS

Eric Keller, ADFG

Jason Azat, CDFW

Brian Leth, IDFG

Trevor Clark, ODFW

Jillian Cady, WDFW



# Review Agenda

Time (MDT)	Item	Day 1 – March 24
1:30	Welcome and Introductions ✓	
1:40	General RMPC & RCMT items	
2:15	Status of RMIS datasets	
2:30	RMPC announcements <ul style="list-style-type: none"> <li>Controlled vocabulary</li> <li>Fishing Regulations database</li> <li>Juvenile Fish Trap Discovery Tool</li> <li>2026 ETIS</li> </ul>	
3:00	Break	
3:15	All Agency Updates	
4:00	PSC data exchange tasks and 2026 TCDS workplan	
4:30	Adjourn	

Time (MDT)	Item	Day 2 – March 25
8:30	Leave for hatchery facility	
9:00	Eagle Hatchery genetics lab and ID Sockeye Captive Brood Facility	
11:00	Baseline status and projects (MS Teams for remote)	
11:30	Lunch at facility	
1:00	Welcome	
1:10	PSC SFEC Committee update	
1:30	FishGen data system	
1:50	PBT data scoping project	
2:15	Break	
2:30	Report hatchery releases	
3:30	RMPC logo & RMIS logos	
4:00	Adjourn	

Time (MDT)	Item	Day 3 – March 26
9:00	Welcome	
9:10	RCMT operating Guidelines	
9:20	RCMT potential tasks discussions	
10:20	NMT updates	
11:00	RCMT Ideas for 2027 annual meeting (& will be 50 years!)	
11:20	RCMT Status Update meeting	

~12:15+ Adjourn



# General RMPC & RCMT Items

(Nancy Leonard /PSMFC)



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# Updates/Changes in RCMT members, CWT Coordinators, and RMIS Data Providers

## RCMT Members

- Dave Reggiani, Metlakatla Indian Community, MIC, representing 1 tribe in S.E. Alaska
- Ashley Shaffer, Northwest Indian Fisheries Commission, NWIFC, representing 20 Treaty Tribes of western Washington
- Marianne McClure, Columbia River Intertribal Fish Commission, CRITFC, representing 4 Treaty Tribes in the Columbia River Basin
- Caroline Lawrence, National Marine Fisheries Service, NMFS
- Ben Cross, U.S. Fish and Wildlife Service, USFWS
- Eric Keller, Alaska Department of Fish and Game, ADFG
- Jason Azat, California Department of Fish and Wildlife, CDFW
- Brian Leth, Idaho Department of Fish and Game, IDFG
- Trevor Clark, Oregon Department of Fish and Wildlife, ODFW
- Jillian Cady, Washington Department of Fish and Wildlife, WDFW

Kathy Fraser, Canada DFO resigned from RCMT in 2025



# Updates/Changes in RCMT members, CWT Coordinators, and RMIS Data Providers

## CWT Coordinators

*for Tag Prefix for Tagged Releases and Coordinator Code for Untagged Releases*

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• ADFG - Eric Keller</li><li>• CCT - Casey Baldwin</li><li>• CDFO - Brenda Ridgway</li><li>• CDFW - Jason Azat</li><li>• CRITFC - Marianne McClure</li><li>• CTUIR - Robert Hogg</li><li>• IDFG - Brian Leth</li><li>• NMFS - Caroline Lawrence</li></ul> | <ul style="list-style-type: none"><li>• NPT - Drew Wickard</li><li>• NWIFC - Ash Shaffer</li><li>• ODFW - Trevor Clark</li><li>• QDNR - Catrina Bean</li><li>• STIL - Kate Konoski</li><li>• USFWS - Ben Cross</li><li>• WDFW - Lynn Anderson</li><li>• YAKA - Anneliese Myers</li></ul> |
|---|--|



# Updates/Changes in RCMT members, CWT Coordinators, and RMIS Data Providers

## RMIS Data Providers

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>•ADFG - Eric Keller</li><li>•CCT - Andrea Pearl</li><li>• CDFO - Brenda Ridgway</li><li>•CDFW - Jason Azat</li><li>•CDFW - Ian Pritchard</li><li>•CRITFC - Marianne McClure</li><li>•CTUIR - Robert Hogg</li><li>•IDFG - Forrest Bohlen</li><li>•Makah Tribe - Tiffany Petersen* (new as of 2025)</li><li>•NMFS - Caroline Lawrence</li><li>•NMFS-NWR - Kelsey Lawson</li></ul> <p><i>(Note: Kelsey sends tags to tag owner for data entry)</i></p> | <ul style="list-style-type: none"><li>•NPT - Drew Wickard</li><li>•NWIFC - Ash Shaffer</li><li>•NWIFC - Erin Gunderson Clarke</li><li>•ODFW - Gabriel Garza</li><li>•Quinault Division of Natural Resources (QDNR) - Angel Ellis</li><li>•Quinault Division of Natural Resources (QDNR) - Catrina Bean</li><li>•Quileute Nation (QUIL) - Kayla Owen</li><li>•Stillaguamish Tribe of Indians (STIL) - Robert Roose</li><li>•USFWS - Yvonne Dettlaff</li><li>•WDFW - Jacob Shapley</li><li>•WDFW - Gilbert Lensegrav</li><li>•Yakama Nation - Vaughan Gilmore</li></ul> |
|---|---|



# 2027 and 2028 Annual meetings

- 2027 Spring Annual RCMT meeting
  - Host: *WA/OR/CRITFC/NWIFC/USFWS?*
  - March/April date to be confirmed via doodle
- 2028 Spring Annual RCMT meeting
  - Host: *WA/OR/CRITFC/NWIFC/USFWS?*
  - March/April date to be confirmed via doodle

## Past Fall RCMT meetings

2026, Boise ID (IDFG)  
2025, Santa Rosa CA (CDFW)  
2024, Juneau AK (ADFG)  
2023, Portland OR (PSMFC)  
2022, virtual only  
2021, virtual only  
2020, cancelled COVID pandemic  
2019, Astoria OR  
2018 Friday Harbor WA  
2017 Vancouver BC  
2016 Boise ID  
2015, Juneau AK  
2014, Santa Cruz CA  
2013, Troutdale OR  
2012 Olympia, WA

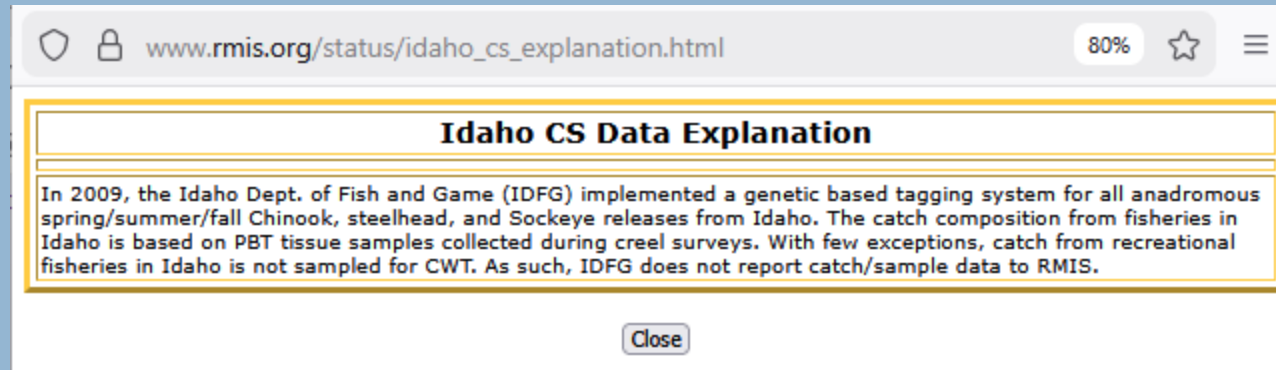


# RMPC /RMIS: Status of datasets

(Dan Webb /PSMFC)



# Explanations of Datasets for Past Years



- 1) IDFG
- 2) NPT Recoveries - no longer submitting see other agencies for reporting



# Locations

## Load Dates of Location Data

Click on Buttons for Additional Information

From CWT Database Load Logs  
By Reporting Agency as of Tue Mar 17 11:02:51 2026

Dataset Process Dates & Status	Explanation:
<span style="color: green;">■</span> = Fully Validated & Available	<a href="#">? Help</a>
<span style="color: yellow;">■</span> = Partially Validated (has 1 or more errors)	

ADFG	CDFO	CDFW	IDFG	NMFS	ODFW	WDFW
2026/02/02	2026/02/25	2026/01/30	2023/10/24	2020/12/14	2025/06/04	2026/03/10



## Locations

It is believed that all locations necessary for Coded Wire Tag (CWT) validation and processing purposes appear to be present. For locations, an older last validated date does not necessarily indicate missing or incomplete location data sets.

Locations In Database	39,684
Associated with data	25,542
Not Associated	14,142
Would-Be-Orphaned (WBO)	390

Agency	Year	Submitted	Not Associated	WBO
Washington Department of Fish and <u>Wildlife</u> (WDFW)	2026	14,971	6,159	17
Fisheries and Oceans Canada (CDFO)	2026	9,654	415	<u>345</u>
Alaska Department of Fish and Game (ADFG)	<u>2026</u>	8,637	5,423	28
Oregon Department of Fish and Wildlife (ODFW)	2025	3,510	1,060	0
California Department of Fish & Wildlife (CDFW)	<u>2026</u>	1,754	1,019	0
National Marine Fisheries Service ( <u>NMFS</u> )	2020	448	34	0
Idaho Department of Fish and Game (IDFG)	2023	347	31	0



# Releases

[Home](#) | Dataset Load Dates

## Load Dates of Release Data

Click on Buttons for Additional Information

From CWT Database Load Logs  
By Reporting Agency as of Tue Mar 17 11:03:40 2026

### Dataset Process Dates & Status

### Explanation:

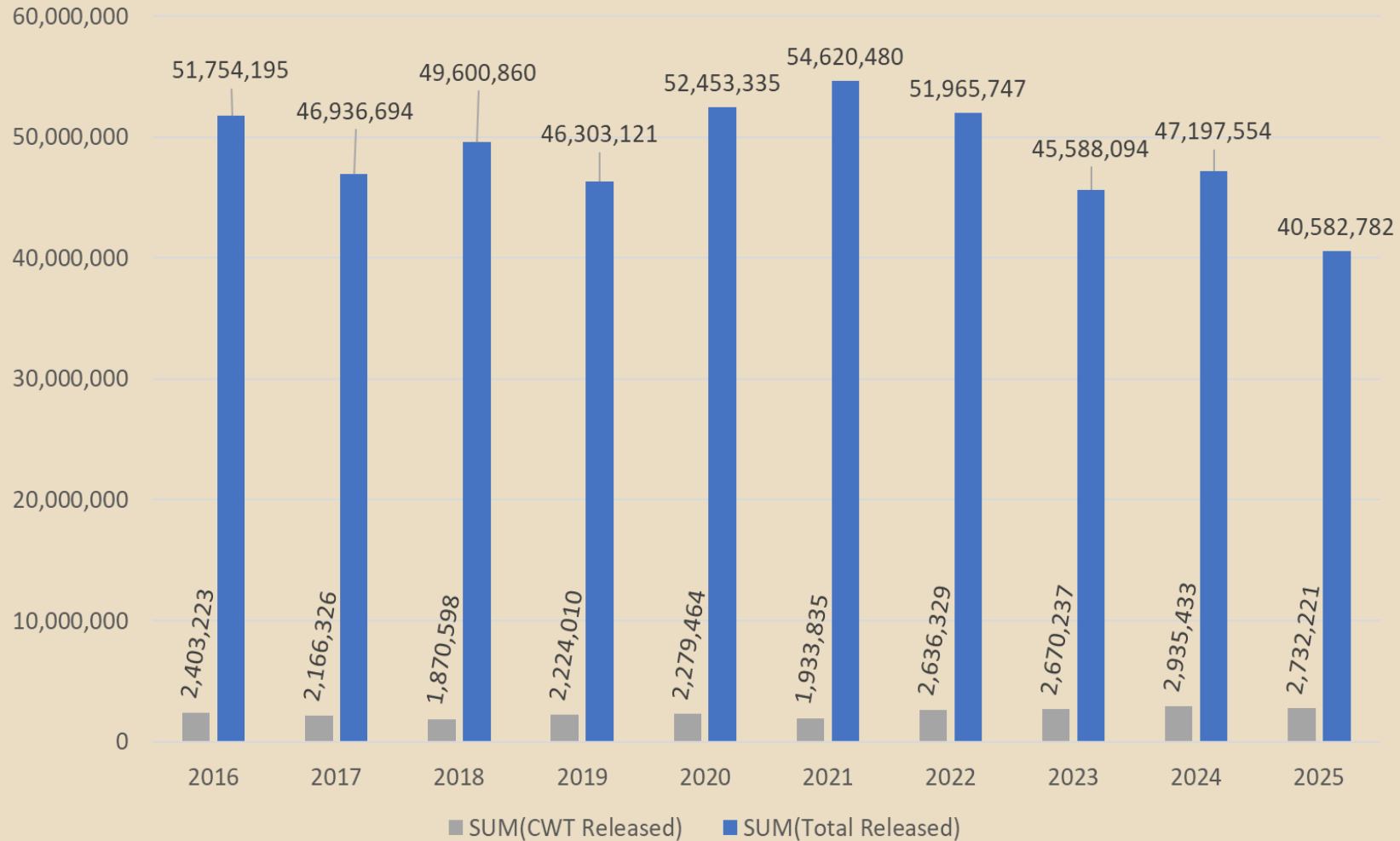
-  = Fully Validated & Available
-  = Partially Validated (has 1 or more errors)

 Help

ADFG	CDFO	CDFW	CCT	CRITFC	CTUIR	IDFG	NMFS	NPT	NWIFC	ODFW	QDNR	STIL	USFWS	WDFW	YAKA
2026/02/02	2026/01/20	2026/02/02	2025/07/07	2025/02/20	2025/04/08	2026/01/08	2026/02/03	2026/02/26	2026/03/04	2026/01/27	2026/01/12	2026/01/29	2026/03/11	2026/03/04	2026/03/16



### ADFG - Alaska Department of Fish and Game Reported Releases (Chinook & Coho)



### CCT - Colville Confederated Tribes Reported Releases (Chinook)



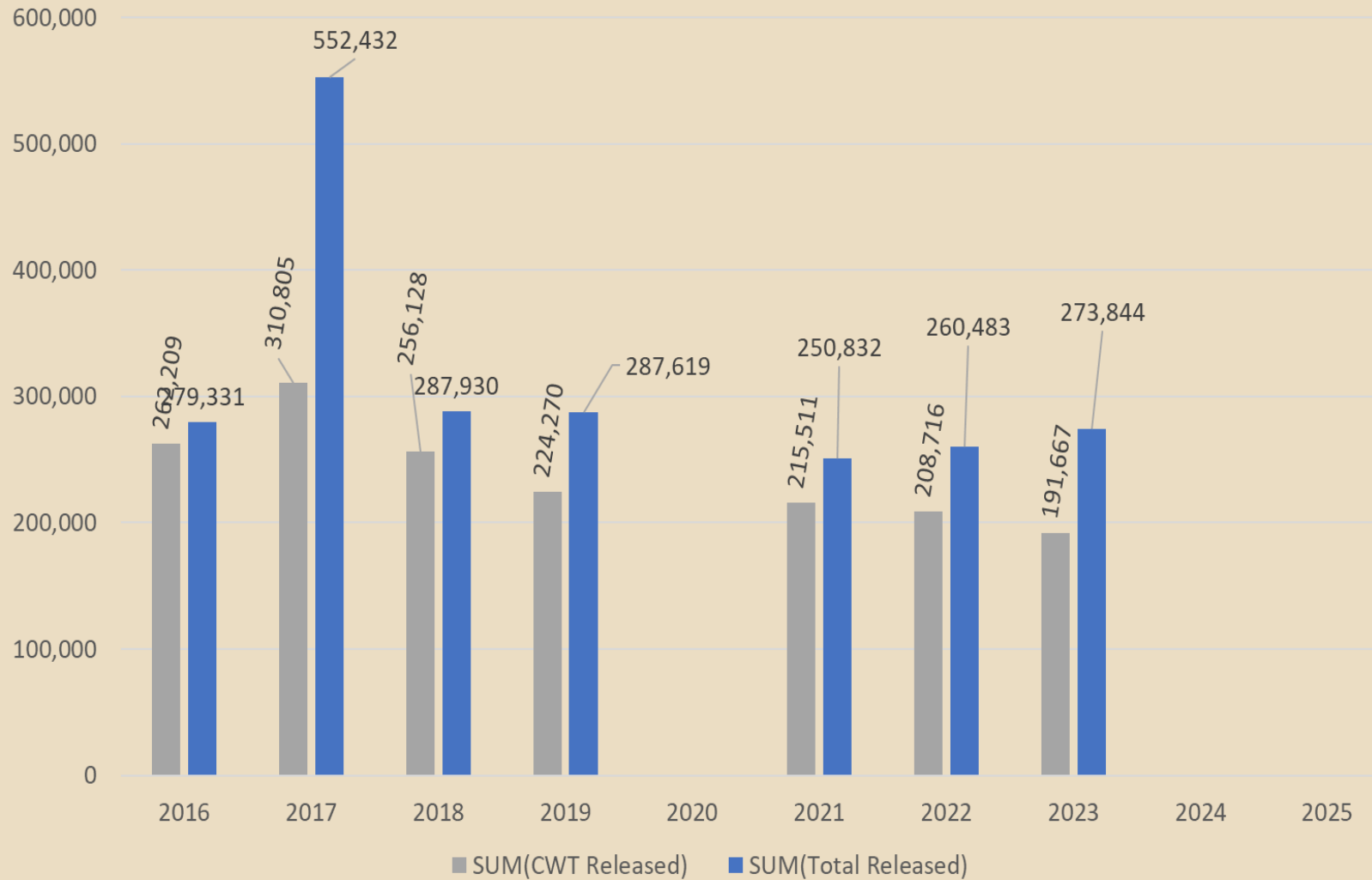
## CDFO - Fisheries and Oceans Canada Reported Releases (Chinook, Coho & Steelhead)



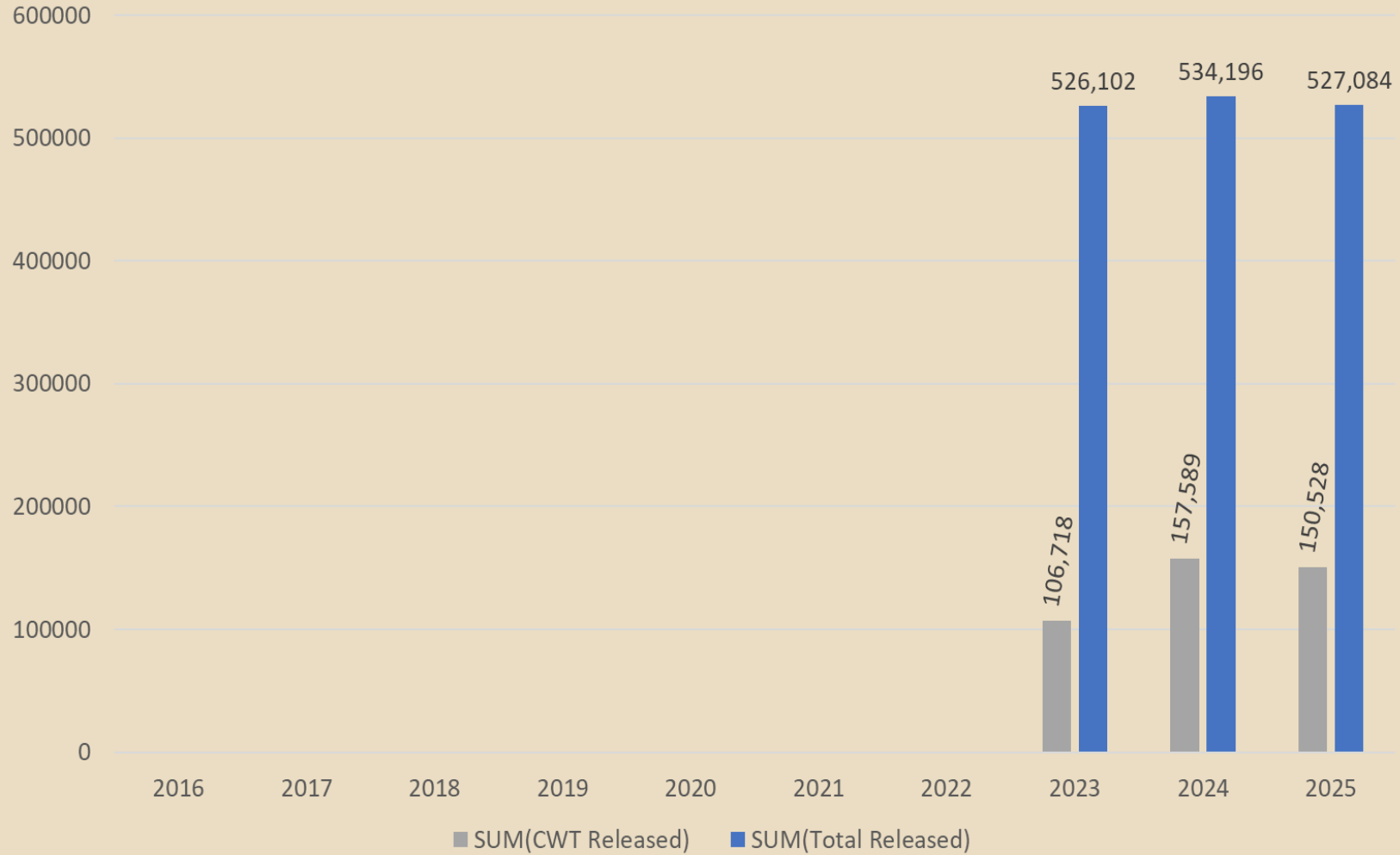
## CDFW - California Department of Fish and Wildlife Reported Releases (Chinook, Coho & Steelhead)



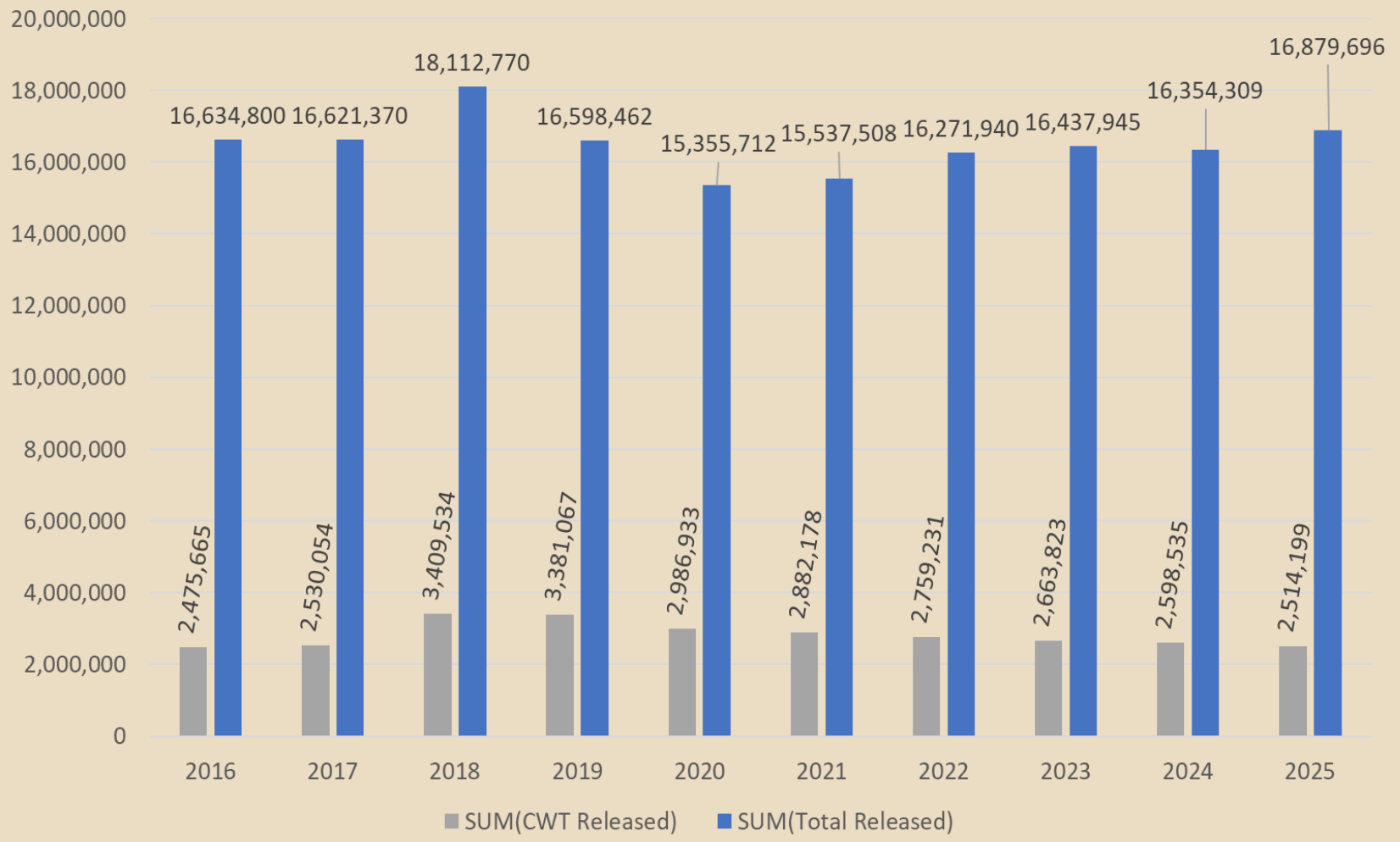
### CRITFC - Columbia River Inter-Tribal Fish Commission Reported Releases (Chinook)



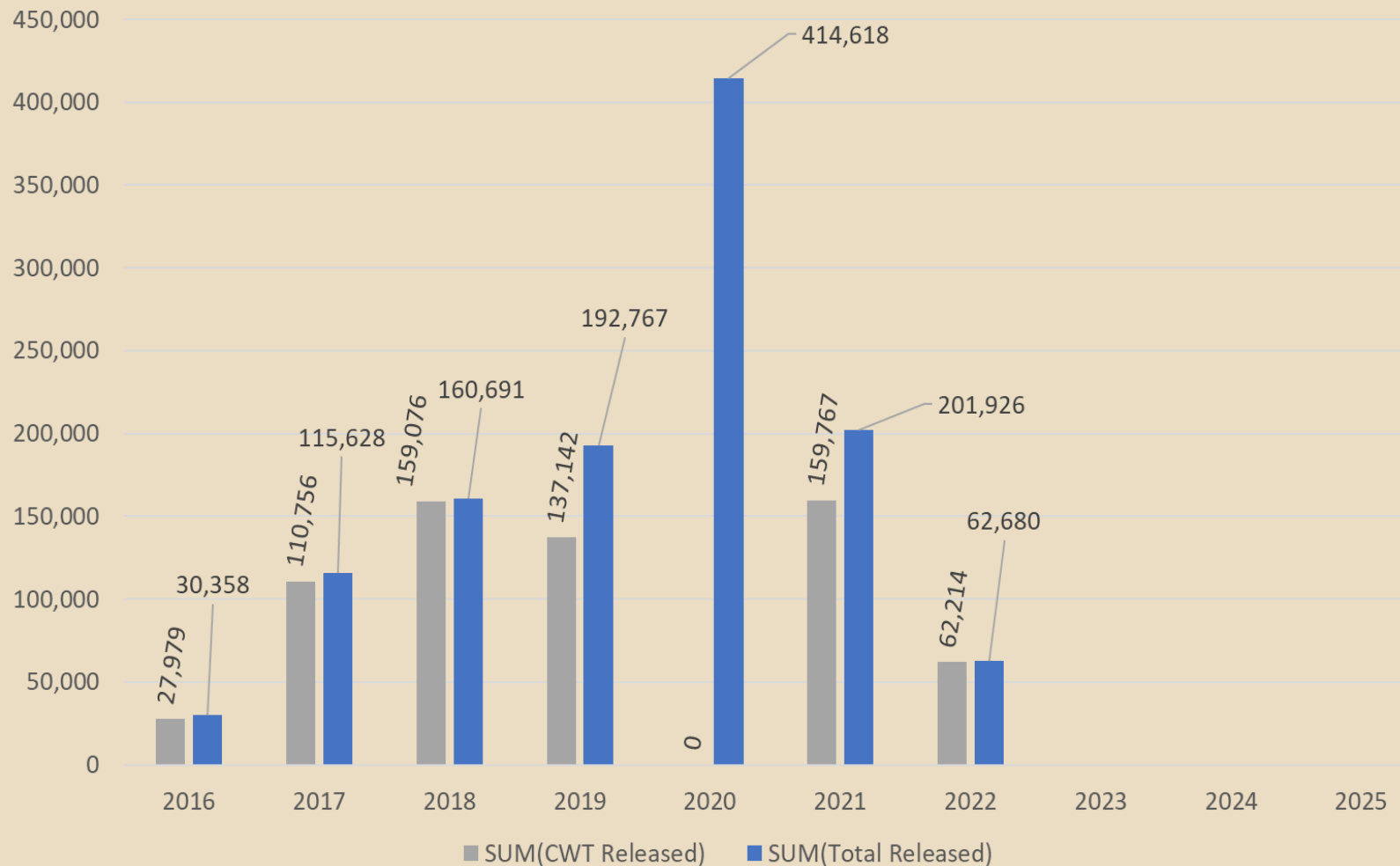
### CTUIR - Columbia River Inter-Tribal Fish Commission Reported Releases



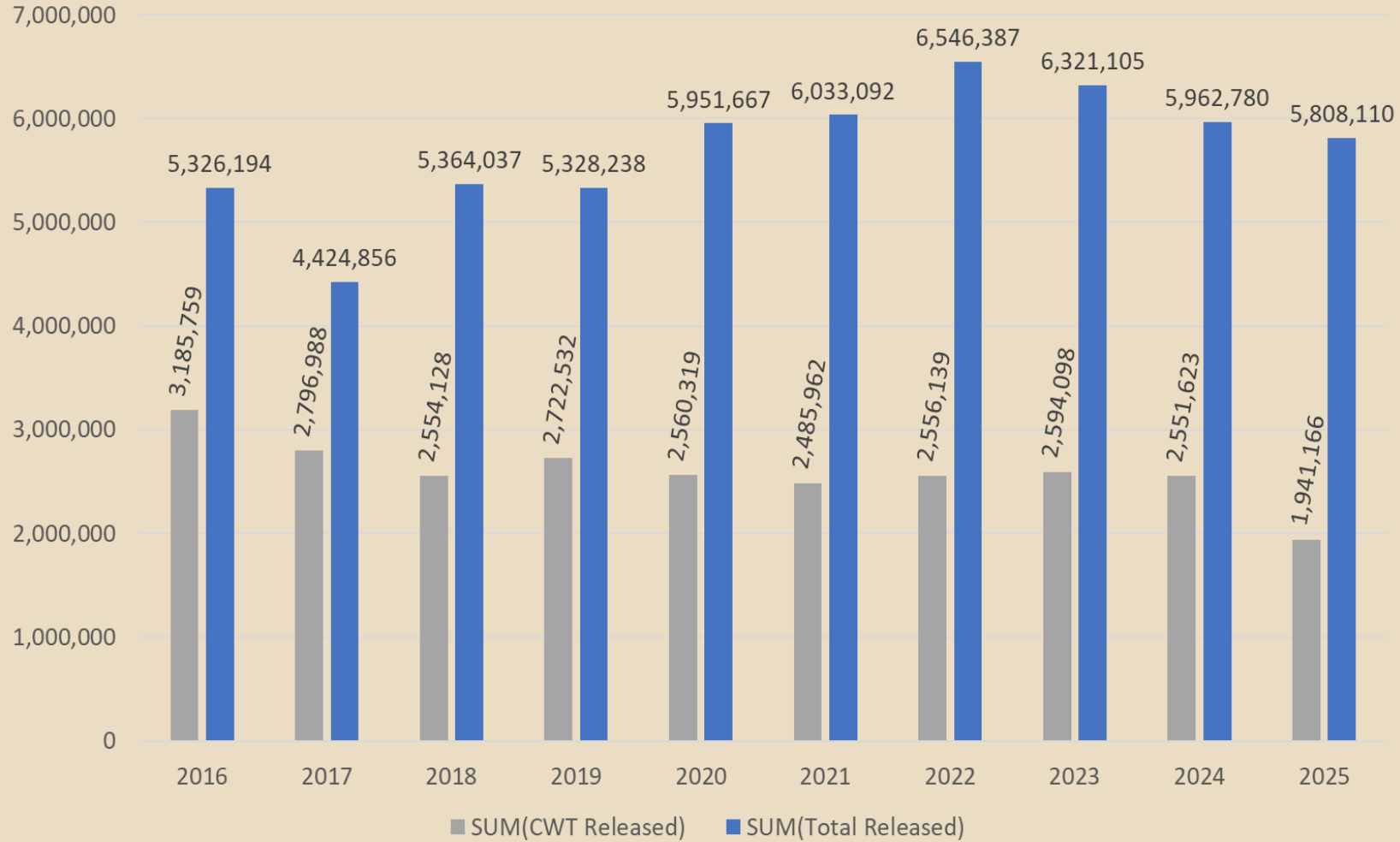
### IDFG - Idaho Department of Fish and Game Reported Releases (Chinook & Steelhead)



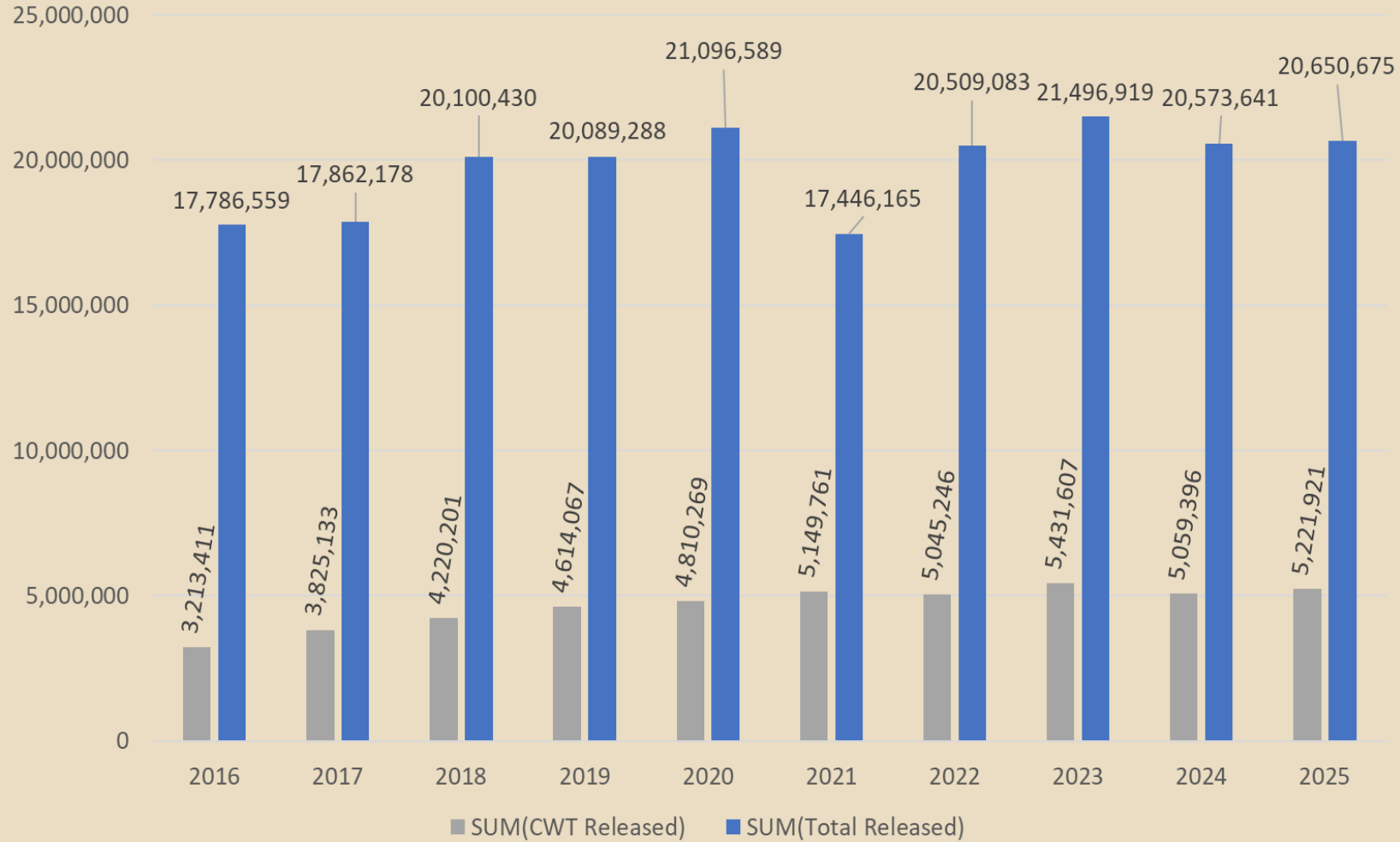
### NMFS - National Marine Fisheries Service Reported Releases (Chinook)



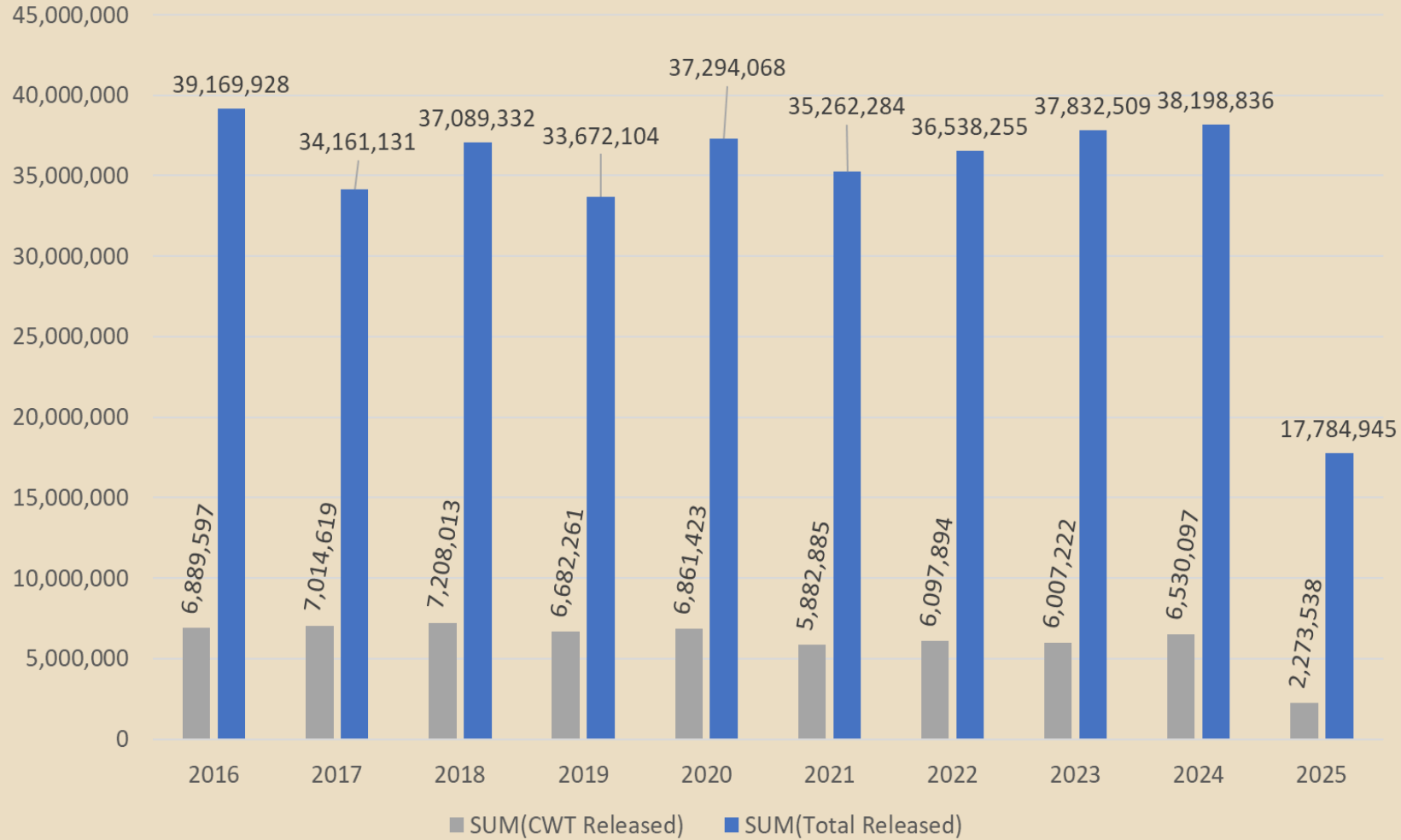
### NPT - Nez Perce Tribe Reported Releases (Chinook & Coho)



## NWIFC - Northwest Indian Fisheries Commission Reported Releases (Chinook, Coho & Steelhead)



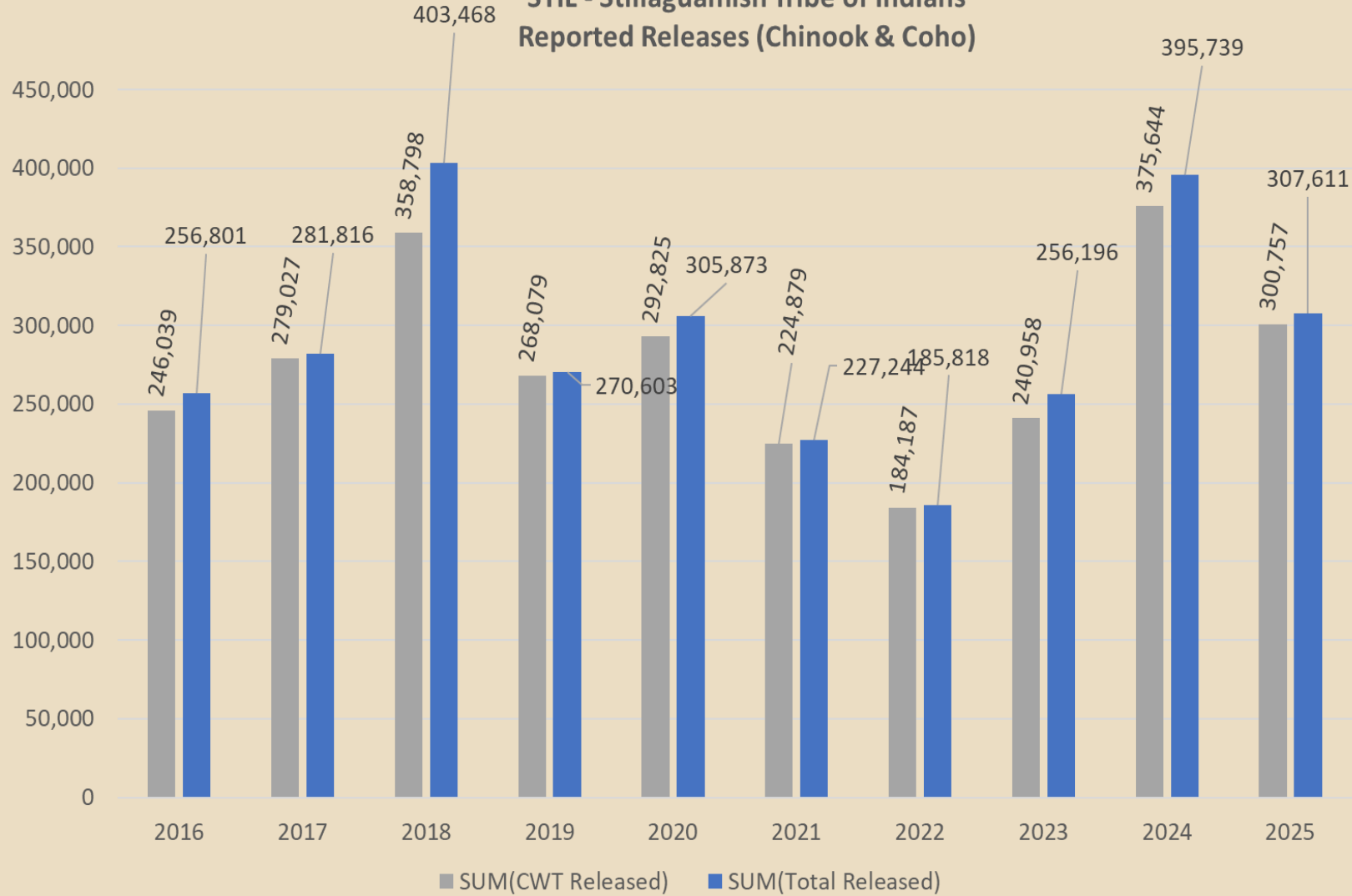
## ODFW - Oregon Department of Fish and Wildlife Reported Releases (Chinook, Coho & Steelhead)



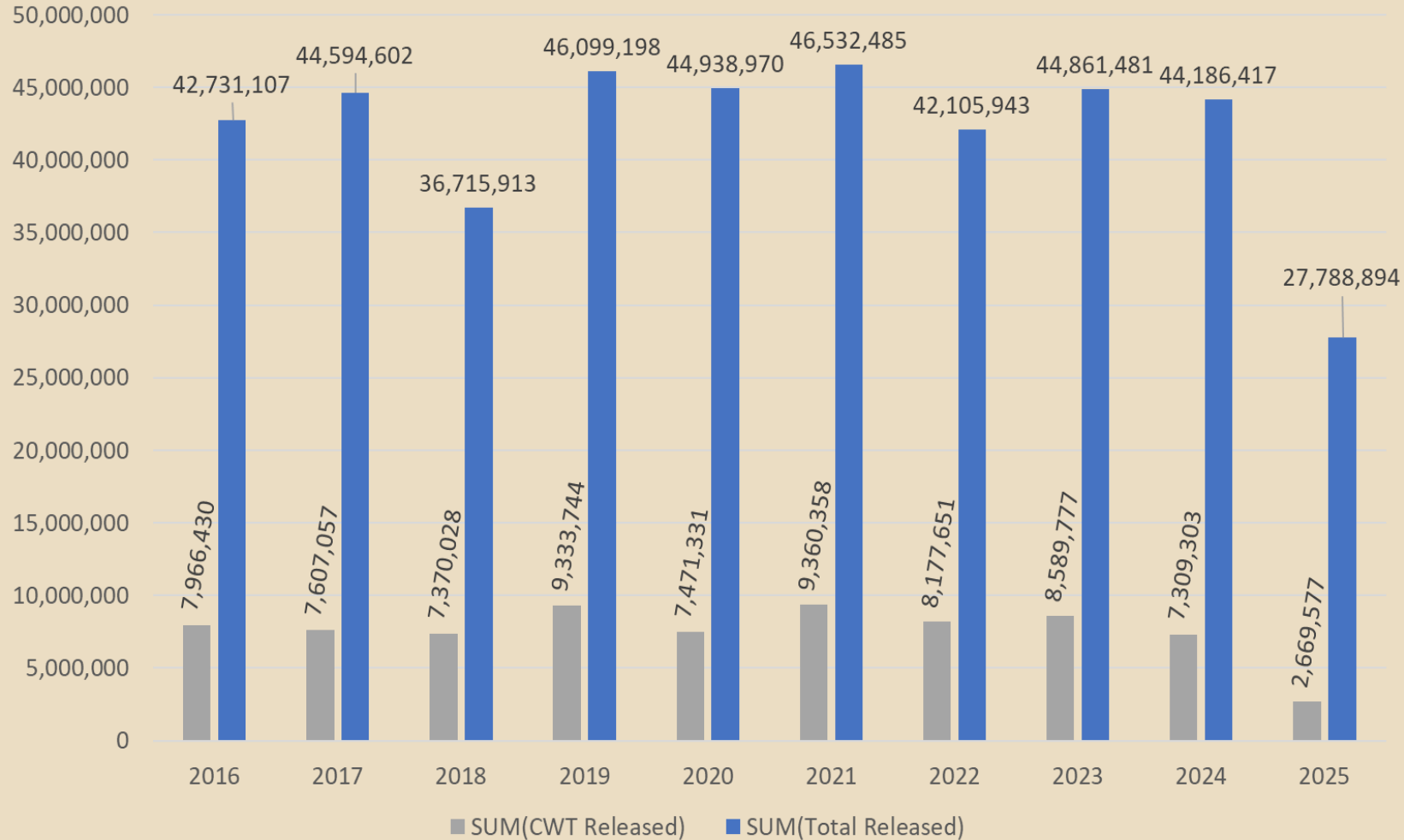
**QDNR - Quinault Division of Natural Resources  
Reported Releases (Chinook, Coho & Steelhead)**



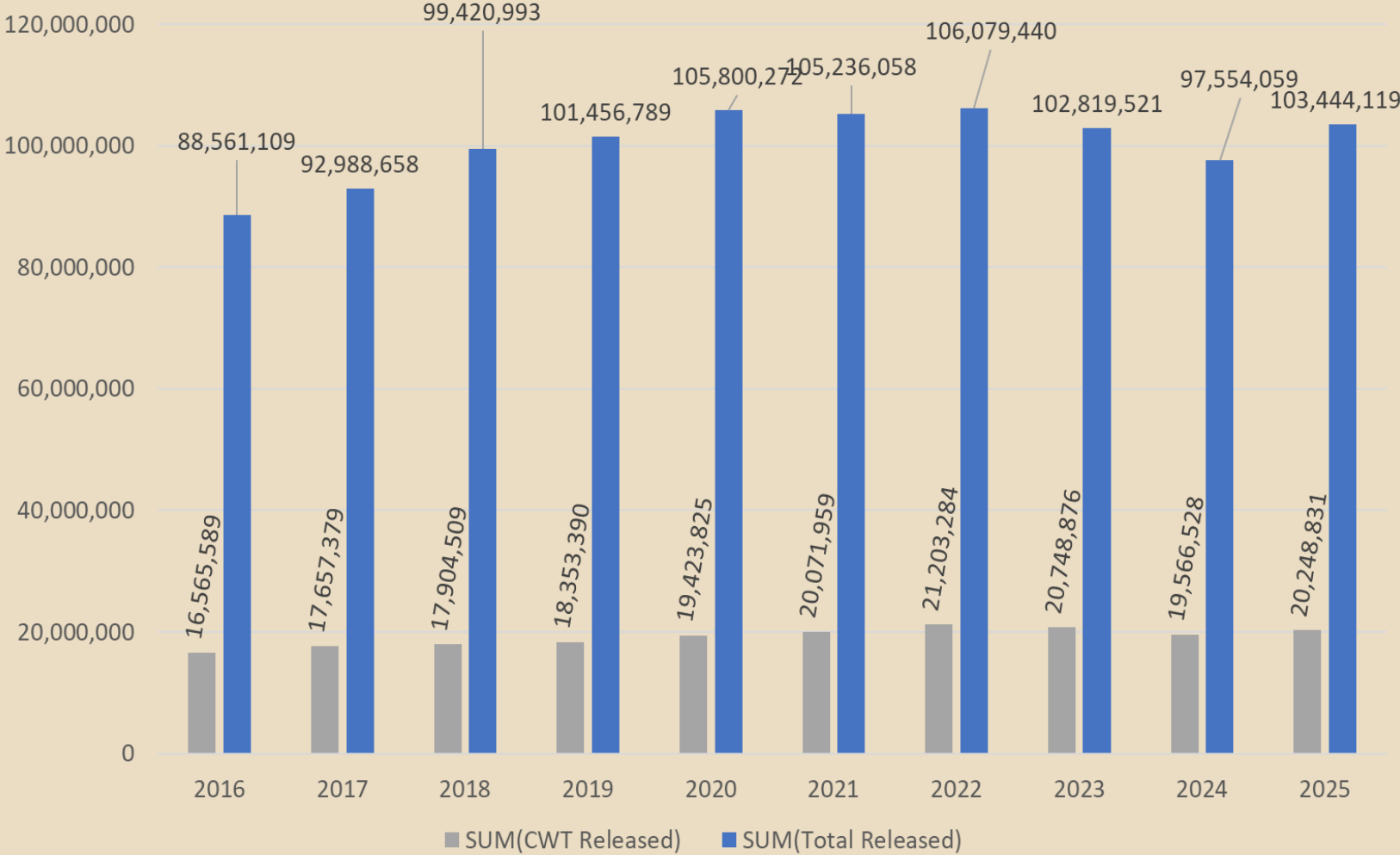
**STIL - Stillaguamish Tribe of Indians  
Reported Releases (Chinook & Coho)**



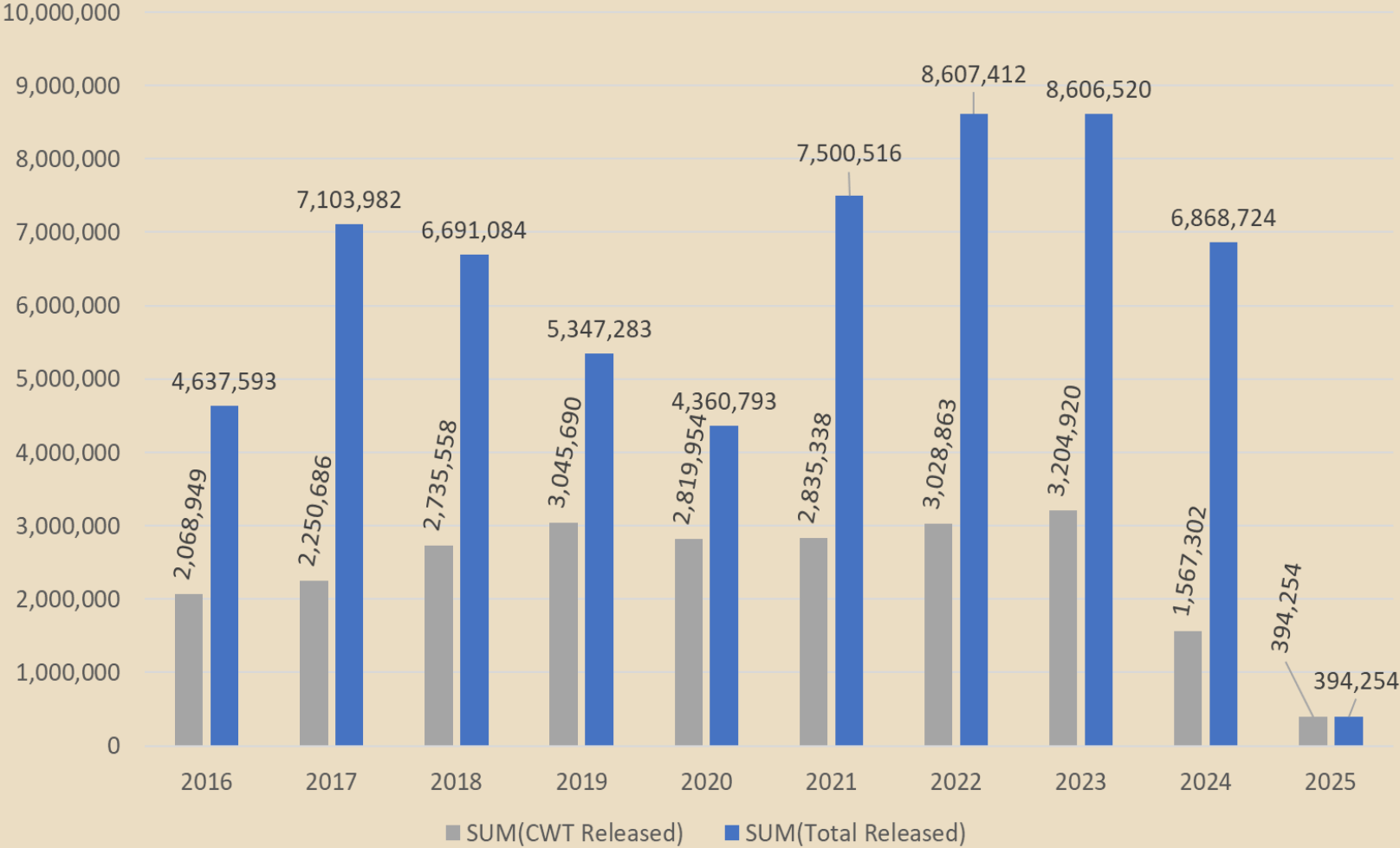
## USFWS - U.S. Fish and Wildlife Service Reported Releases (Chinook, Coho & Steelhead)



### WDFW - Washington Department of Fish and Wildlife Reported Releases (Chinook, Coho & Steelhead)



### YAKA - Yakama Nation Reported Releases (Chinook, Coho & 2012 Steelhead)

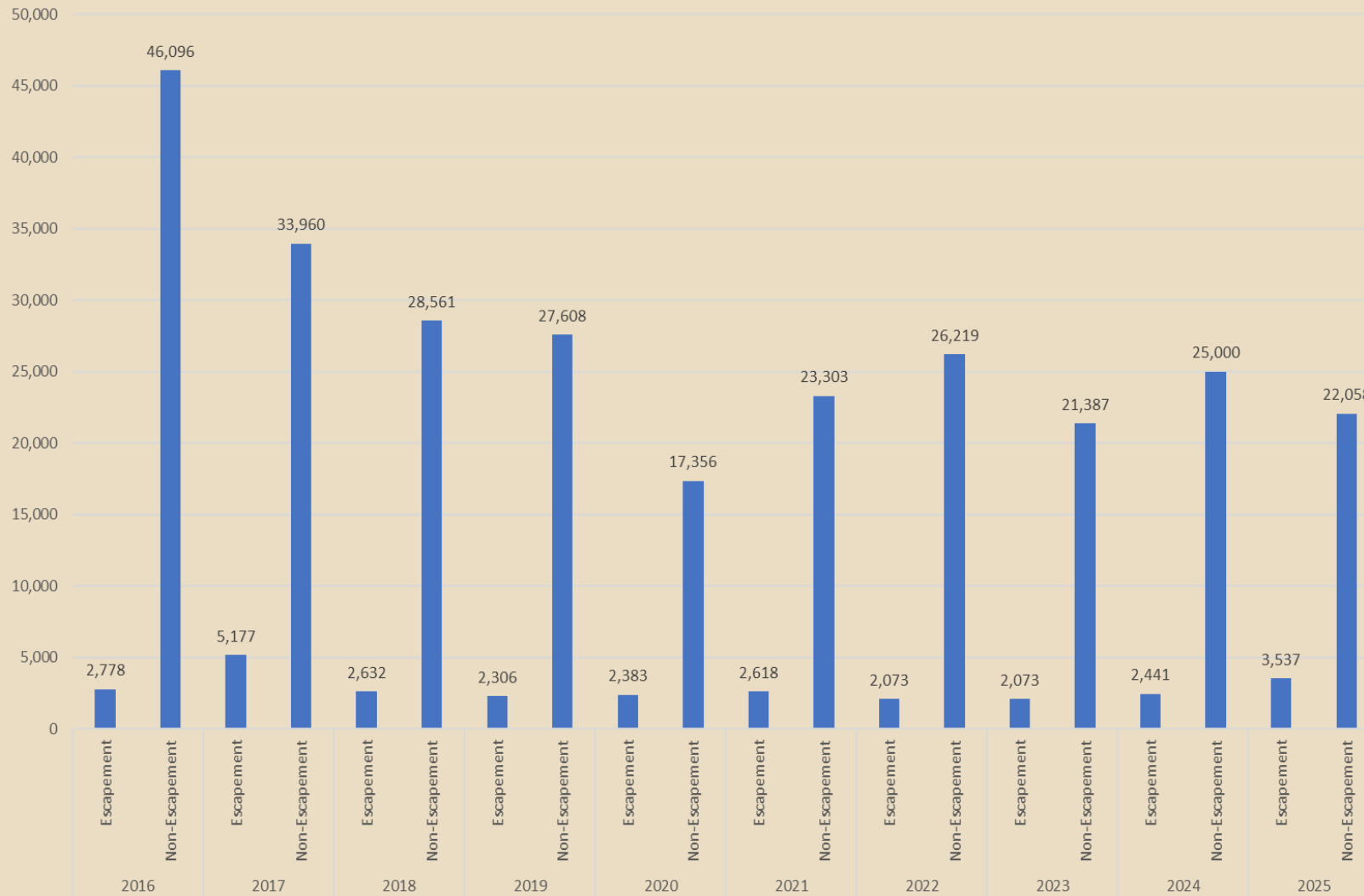


# Recoveries

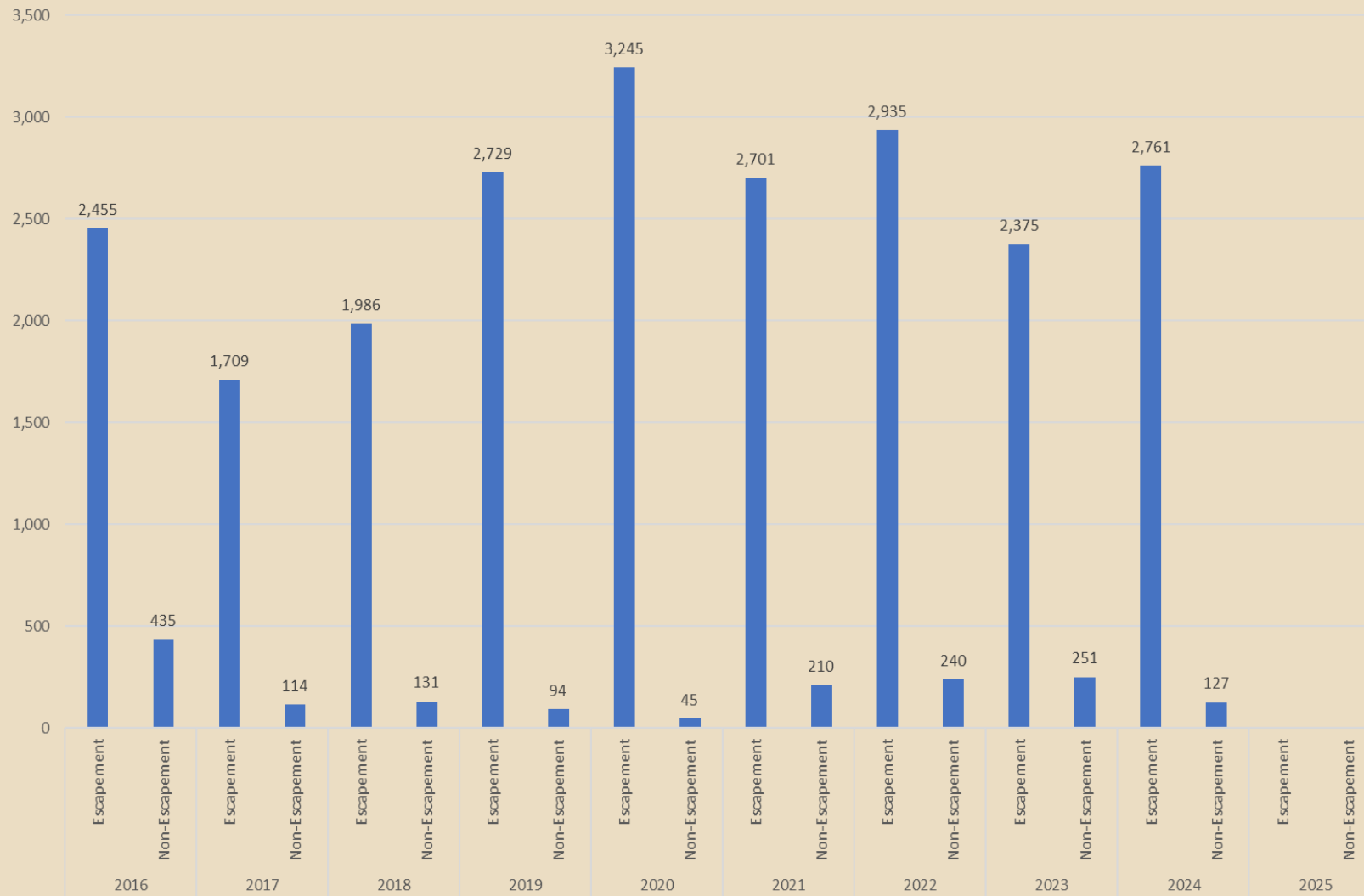
Year	ADFG	CDFO	CDFW	CCT	IDFG	NMFS	NMFSNWR	NPT	NWIFC ◊	ODFW	QDNR	STIL ◊	USFWS	WDFW	YAKA ◊	YTFP	Year
2025	2026/02/06	2026/02/25	2026/01/15	Expected Pending	Expected Pending	2026/02/11	Expected Pending	Expected Pending	Not Applicable	2026/02/19	Expected Pending	Not Applicable	2026/02/05	2026/03/03	Not Applicable	Unknown	2025
2024	2026/03/04	2026/02/03	2026/01/15	2025/05/20	2025/02/27	2025/11/24	Expected Pending	Expected Pending	2026/01/12	2025/06/04	2025/06/03	2026/01/28	2025/08/27	2026/03/02	Expected Pending	Unknown	2024
2023	2026/03/04	2026/02/03	2024/12/23	2024/06/05	2024/07/18	2024/05/15	Expected Overdue	Expected Overdue	2025/01/08	2024/09/05	2024/10/30	2025/01/23	2024/11/25	2025/10/16	Expected Overdue	Unknown	2023
2022	2026/03/04	2026/02/03	2024/10/09	2024/06/05	2024/12/12	2024/02/14	Expected Overdue	Expected Overdue	2023/12/07	2024/03/07	2024/10/30	2024/01/12	2024/11/08	2026/02/25	Expected Overdue	Unknown	2022
2021	2026/03/04	2026/02/03	2024/12/18	2024/06/05	2024/12/12	2024/02/02	2022/09/12	Expected Overdue	2023/12/07	2024/04/02	2024/11/05	2023/06/14	2024/12/20	2026/02/25	Expected Overdue	Unknown	2021
2020	2026/03/04	2026/02/03	2022/02/07	2024/06/05	2021/09/07	2024/01/31	2021/08/17	Expected Overdue	2022/04/08	2022/06/16	2023/01/18	2022/03/09	2025/01/06	2025/12/16	2021/06/23	Unknown	2020
2019	2026/03/04	2025/02/05	2021/10/13	2024/06/05	2021/01/04	2024/01/31	2020/07/29	Expected Overdue	2021/01/19	2022/07/05	2023/01/18	2021/05/18	2025/02/19	2025/12/15	2021/06/23	Unknown	2019
2018	2026/03/04	2025/02/05	2020/04/16	2023/08/14	2019/07/26	2024/01/31	2020/08/11	Expected Overdue	2020/01/07	2020/01/13	2023/01/18	2020/01/28	2021/11/03	2025/12/15	2021/06/23	Unknown	2018
2017	2026/03/04	2025/02/05	2019/07/23	2023/08/14	2019/07/26	2022/03/14	2020/09/03	Expected Overdue	2019/01/10	2020/01/06	2023/01/18	2018/11/26	2021/10/01	2024/06/25	2021/06/23	Unknown	2017
2016	2026/03/04	2025/02/05	2017/12/13	2023/08/14	2017/04/20	2022/03/14	2022/07/25	Expected Overdue	2018/12/18	2020/01/06	2023/01/11	2018/10/16	2024/03/28	2024/06/25	2022/04/08	Unknown	2016
2015	2026/03/04	2025/02/05	2017/02/07	2023/08/14	2017/04/28	2022/12/09	2017/04/13	2016/03/22	2017/01/06	2020/01/07	2023/01/17	2018/11/26	2021/09/30	2024/06/25	2021/06/23	Unknown	2015
2014	2026/03/03	2025/02/05	2016/05/10	2023/08/14	2017/04/28	2018/04/03	2015/10/26	2016/01/13	2016/07/22	2020/01/07	2023/01/17	2023/06/27	2021/09/16	2024/06/21	2015/03/12	Unknown	2014
2013	2026/03/03	2025/02/05	2015/11/24	2023/08/11	2017/04/28	2023/03/06	2014/12/03	2016/03/28	2015/06/02	2020/01/07	2023/01/11	2023/06/27	2022/04/21	2024/06/21	2015/03/12	Unknown	2013
2012	2026/03/03	2025/02/05	2014/01/13	Not Applicable	2017/04/28	2023/02/16	2014/12/05	Unknown	2013/11/06	2020/01/07	2023/01/17	2023/06/27	2015/05/11	2024/06/14	2015/03/12	Unknown	2012
2011	2026/03/03	2025/02/05	2013/01/29	Not Applicable	2017/04/28	2016/04/15	2012/11/28	Unknown	2012/11/21	2020/01/07	2013/03/15	2023/06/27	2015/05/13	2024/05/29	2015/03/12	Unknown	2011
2010	2026/03/03	2025/02/05	2012/02/10	Not Applicable	2017/04/28	2016/06/01	2012/12/05	Unknown	2019/04/15	2020/01/07	2012/02/03	2023/06/27	2015/04/15	2024/05/29	2013/05/21	Unknown	2010
2009	2026/03/03	2025/01/23	2010/12/09	Not Applicable	2017/04/28	2016/04/15	2012/11/28	Unknown	2022/04/08	2020/01/07	2011/01/03	Not Applicable	2016/06/21	2024/05/30	2013/05/21	Unknown	2009
2008	2026/03/03	2025/01/23	2009/11/19	Not Applicable	2013/03/29	2016/04/15	2012/12/04	Unknown	2025/01/27	2020/01/07	2009/09/04	Not Applicable	2016/06/21	2019/02/01	2013/05/21	Unknown	2008
2007	2026/03/03	2025/01/23	2009/03/16	Not Applicable	2008/07/07	2016/02/08	Unknown	Unknown	2019/03/26	2020/01/07	2009/09/03	Not Applicable	2016/06/22	2012/07/27	2013/05/17	Unknown	2007
2006	2026/03/03	2025/01/23	2008/03/25	Not Applicable	2007/06/26	2016/02/09	Unknown	Unknown	2019/03/07	2020/01/13	2009/08/26	Not Applicable	2016/07/07	2012/06/18	2013/05/17	2006/11/08	2006
2005	2026/03/03	2025/01/23	2008/06/06	Not Applicable	2007/04/16	2016/02/08	Unknown	Unknown	2019/03/06	2011/02/28	2008/02/07	Not Applicable	2008/06/18	2013/07/25	2013/05/17	2007/08/17	2005



### ADFG Reported Recoveries



### CCT Reported Recoveries



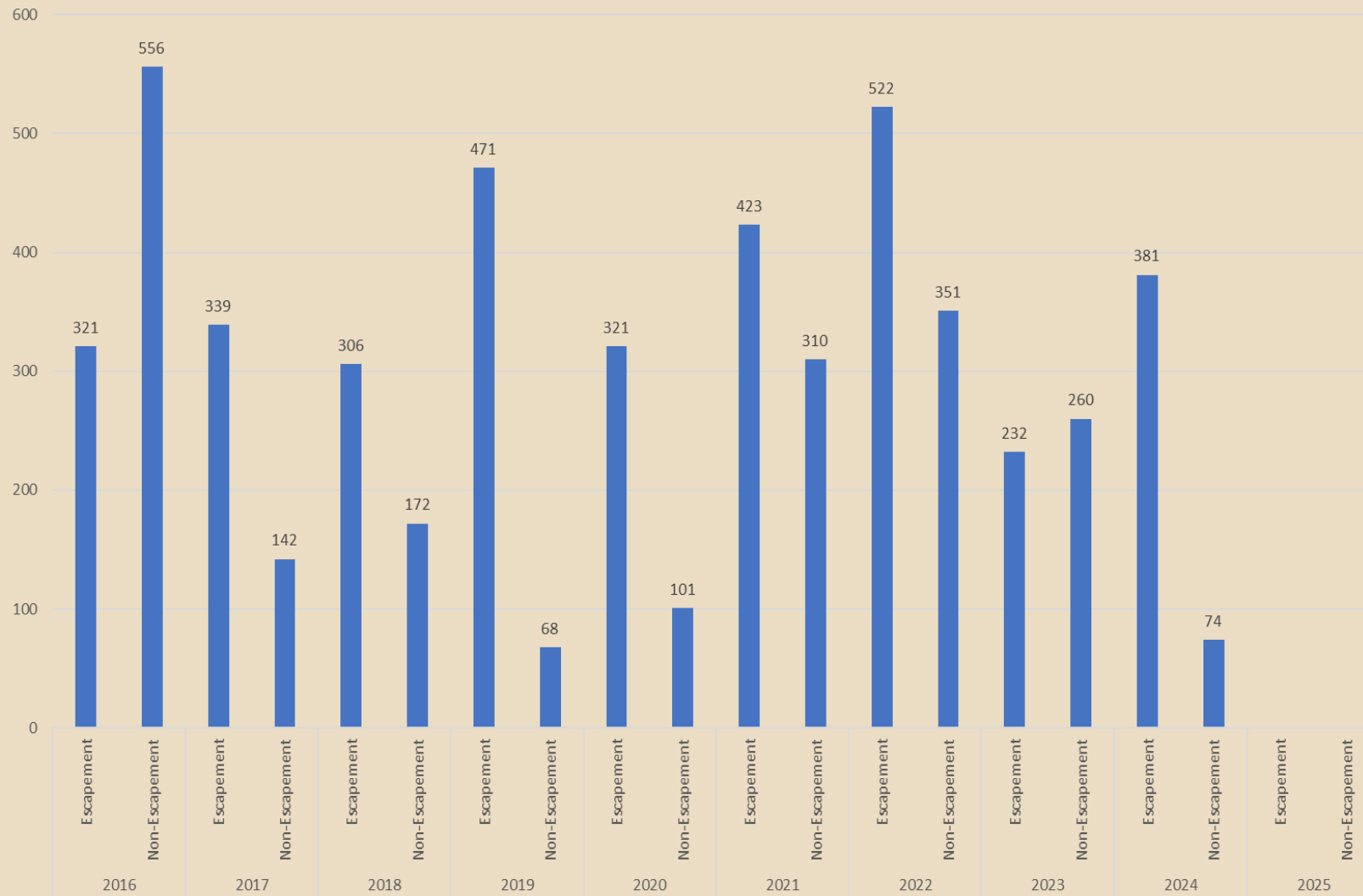
### CDFO Reported Recoveries



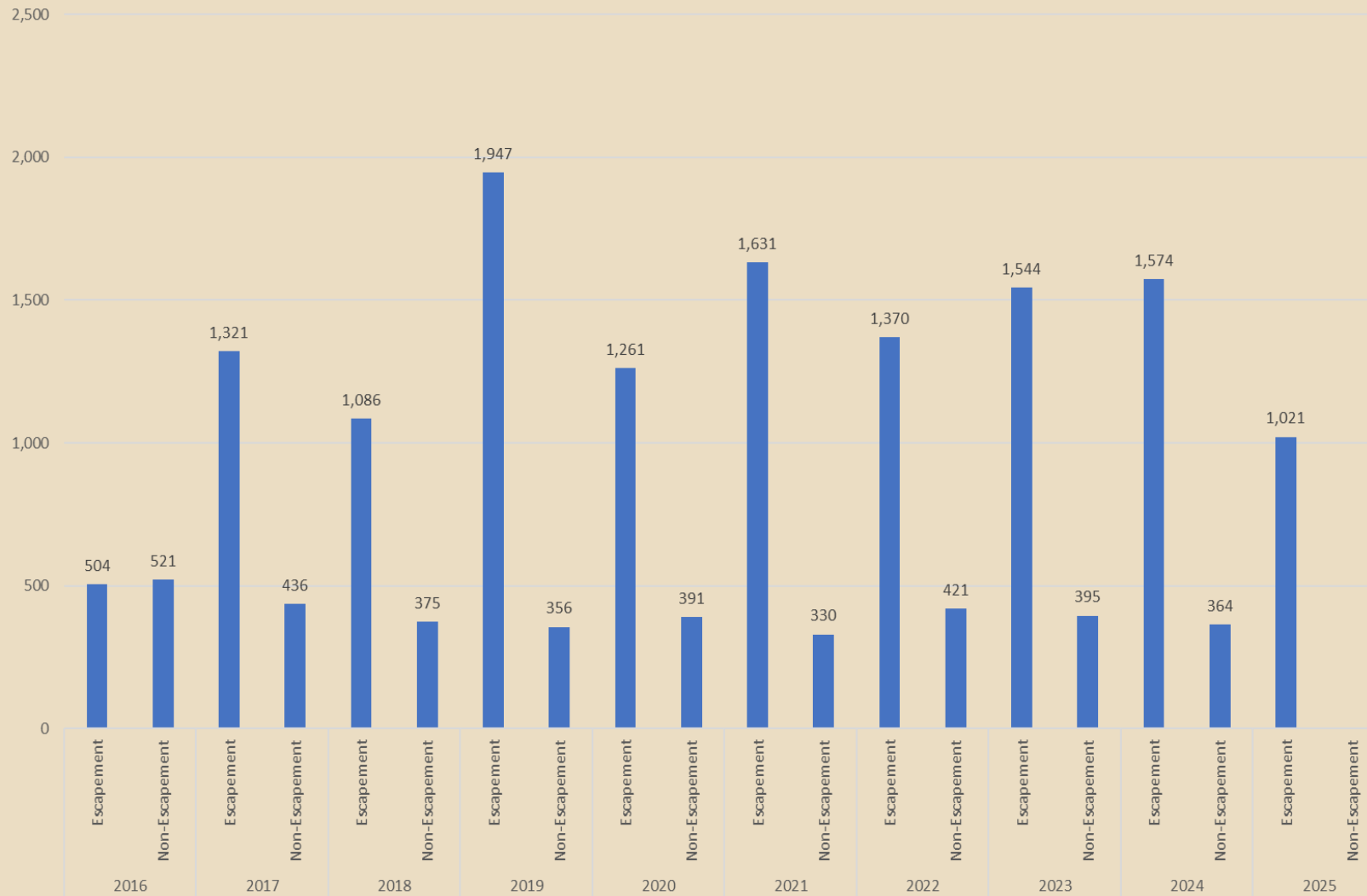
### CDFW Reported Recoveries



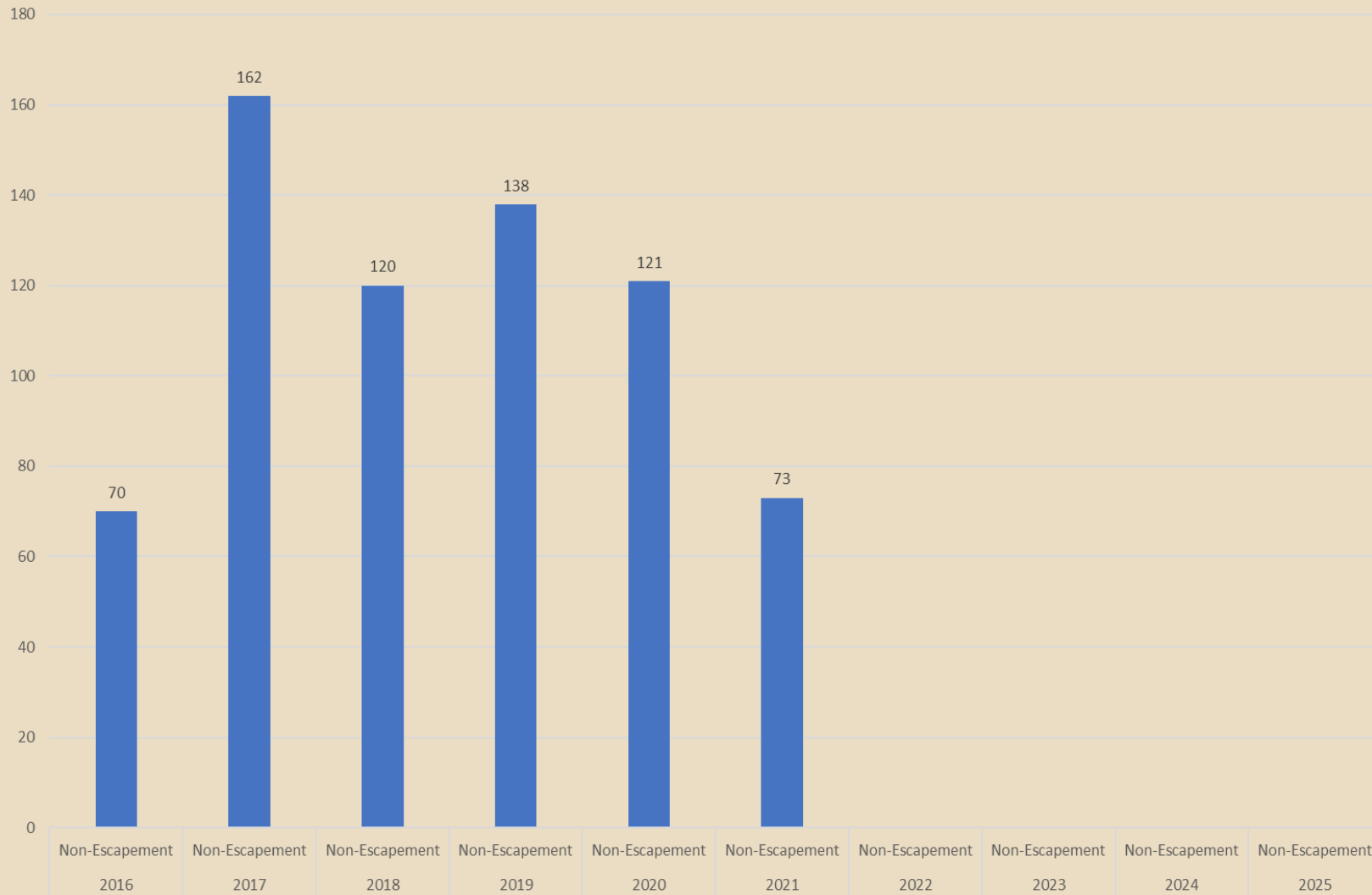
### IDFG Reported Recoveries



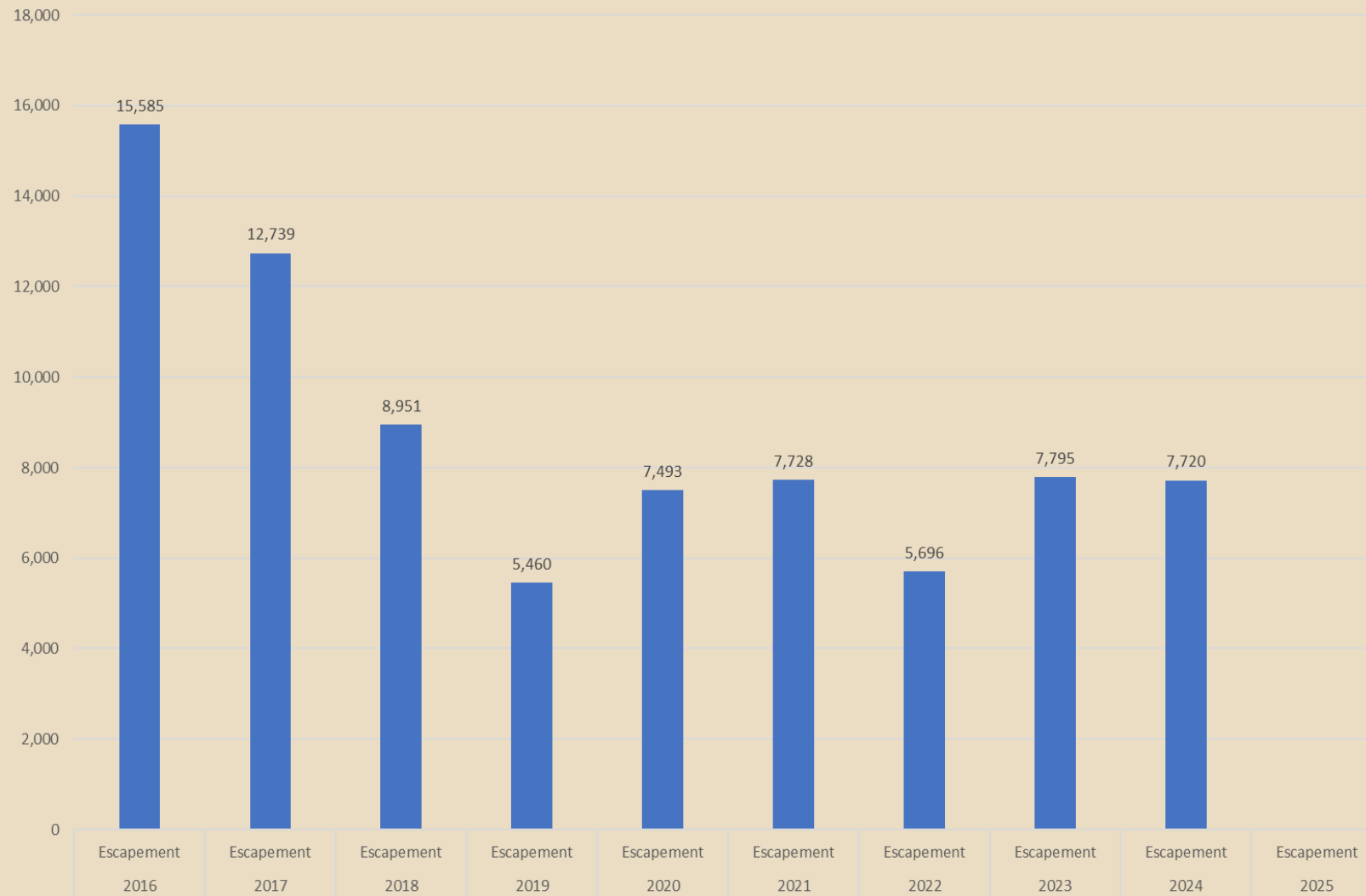
### NMFS Reported Recoveries



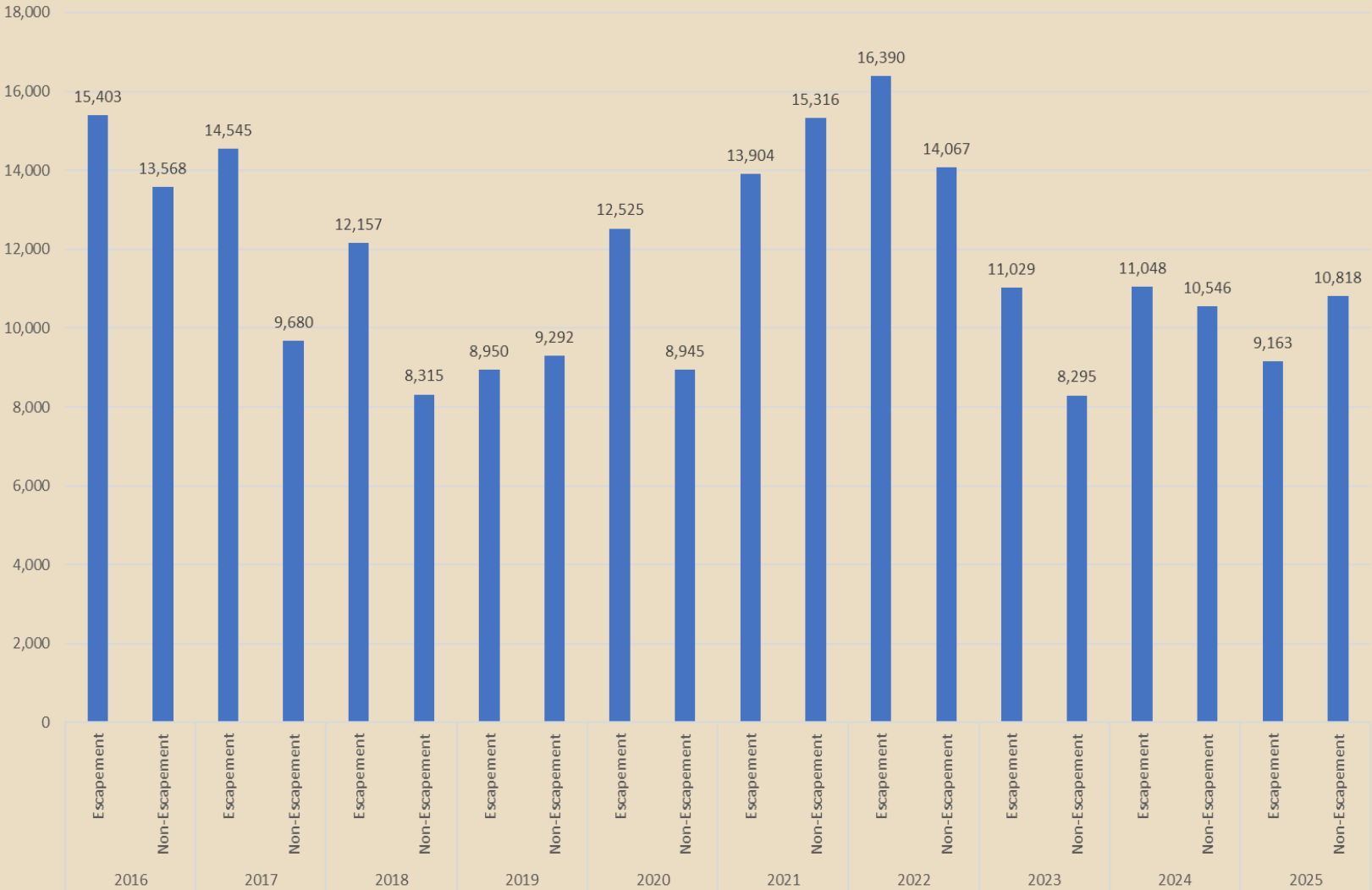
NMFSNWR Reported Recoveries



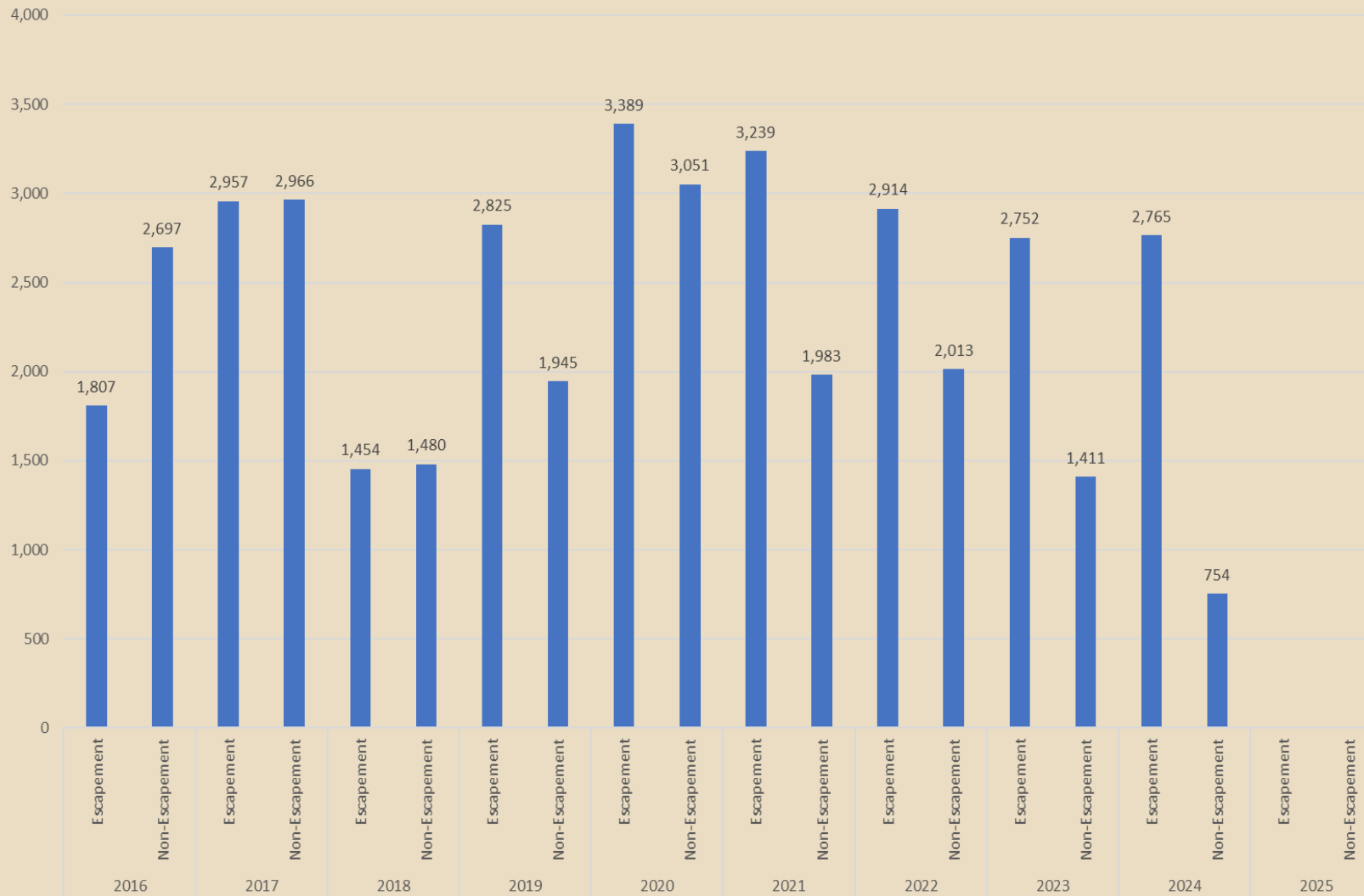
### NWIFC Reported Recoveries



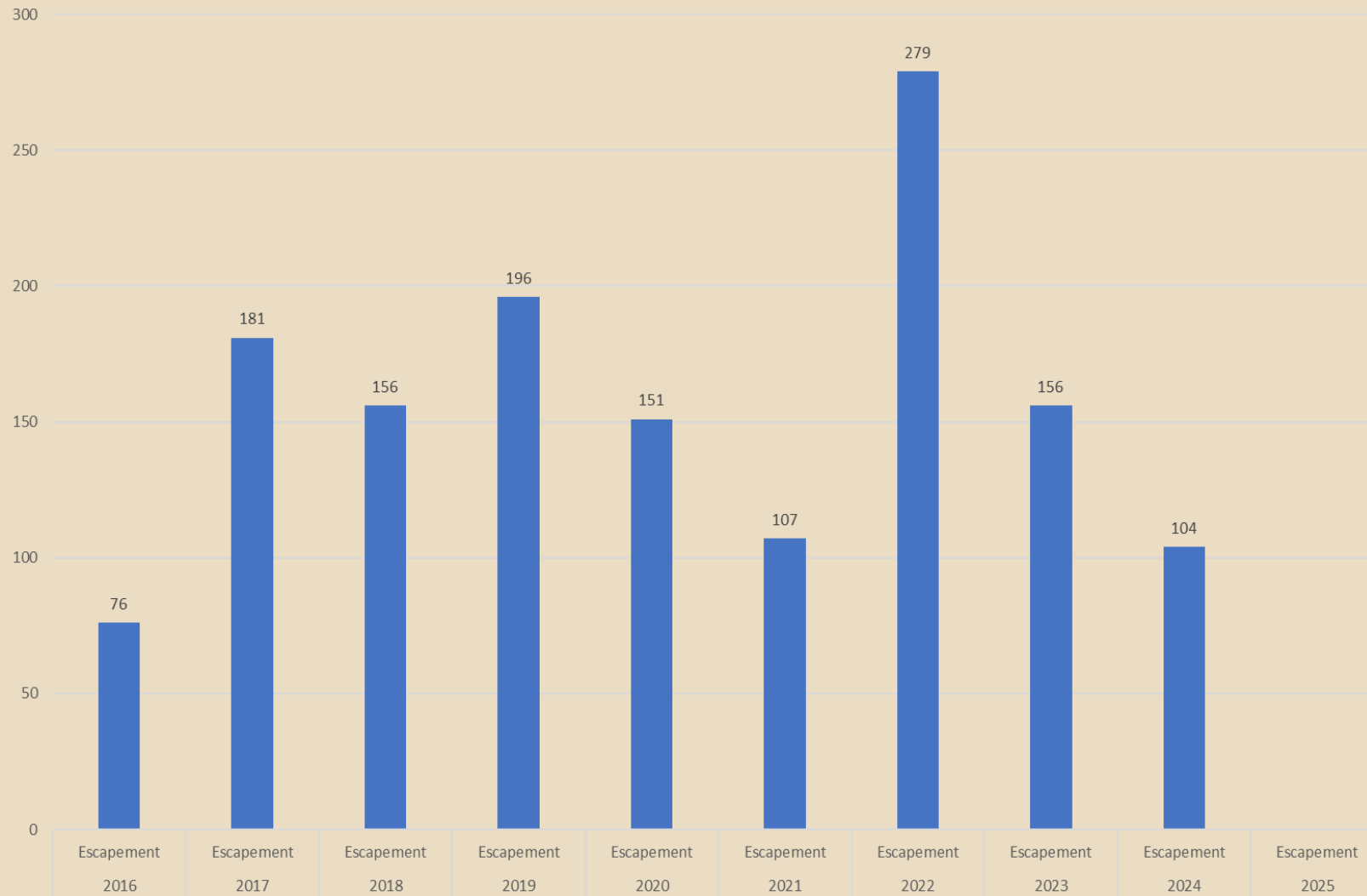
### ODFW Reported Recoveries



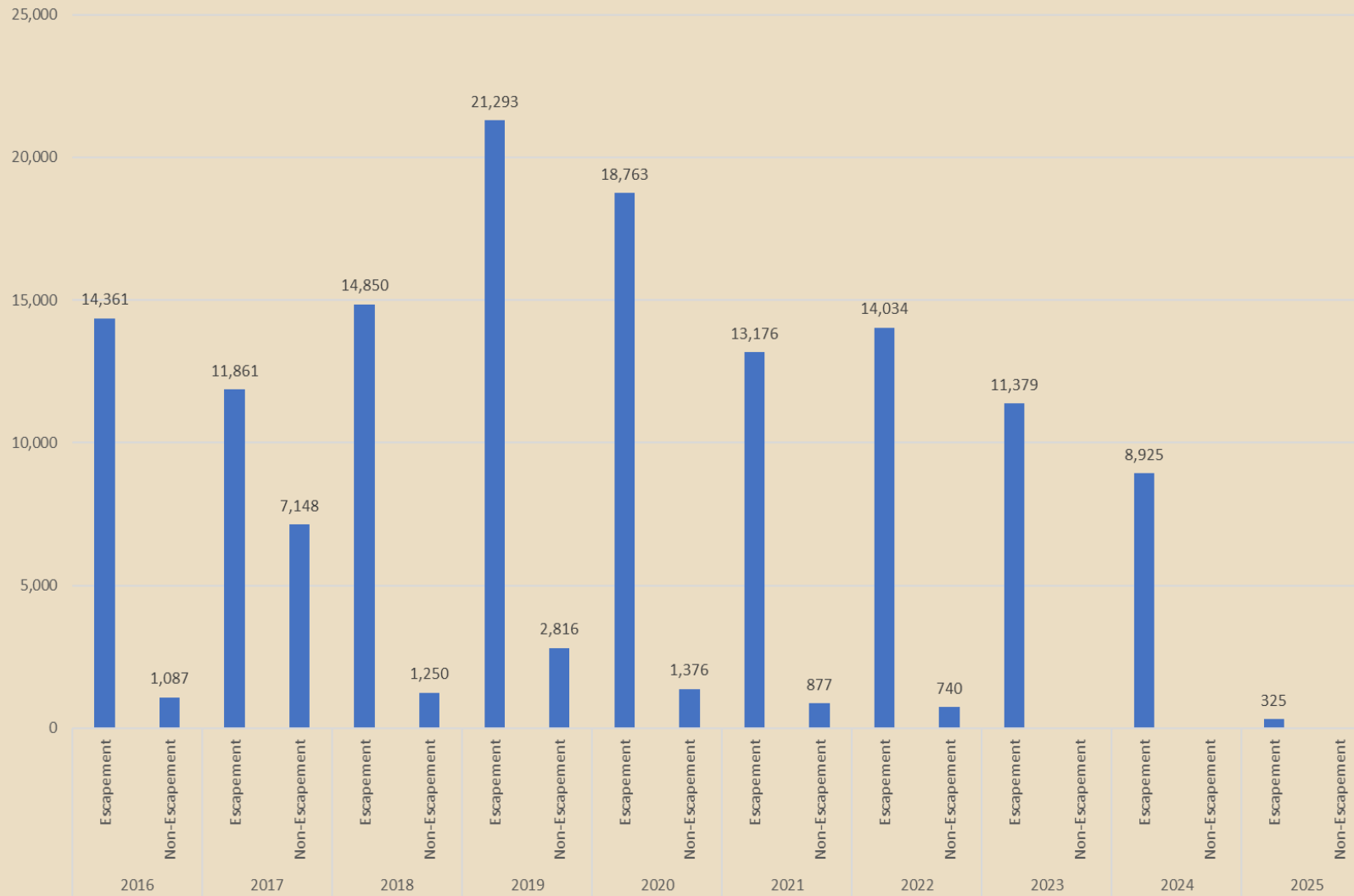
### QDNR Reported Recoveries



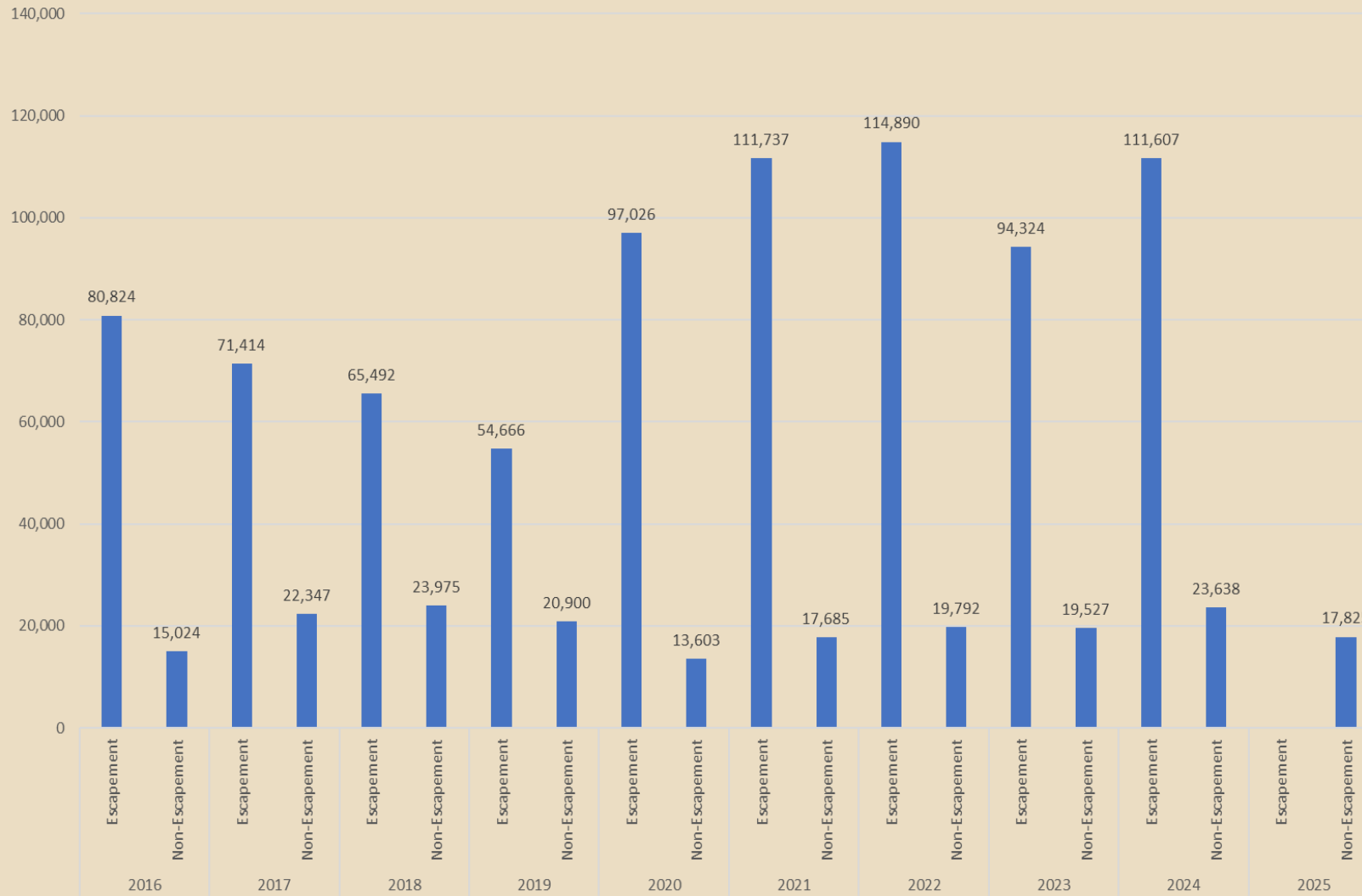
### STIL Reported Recoveries



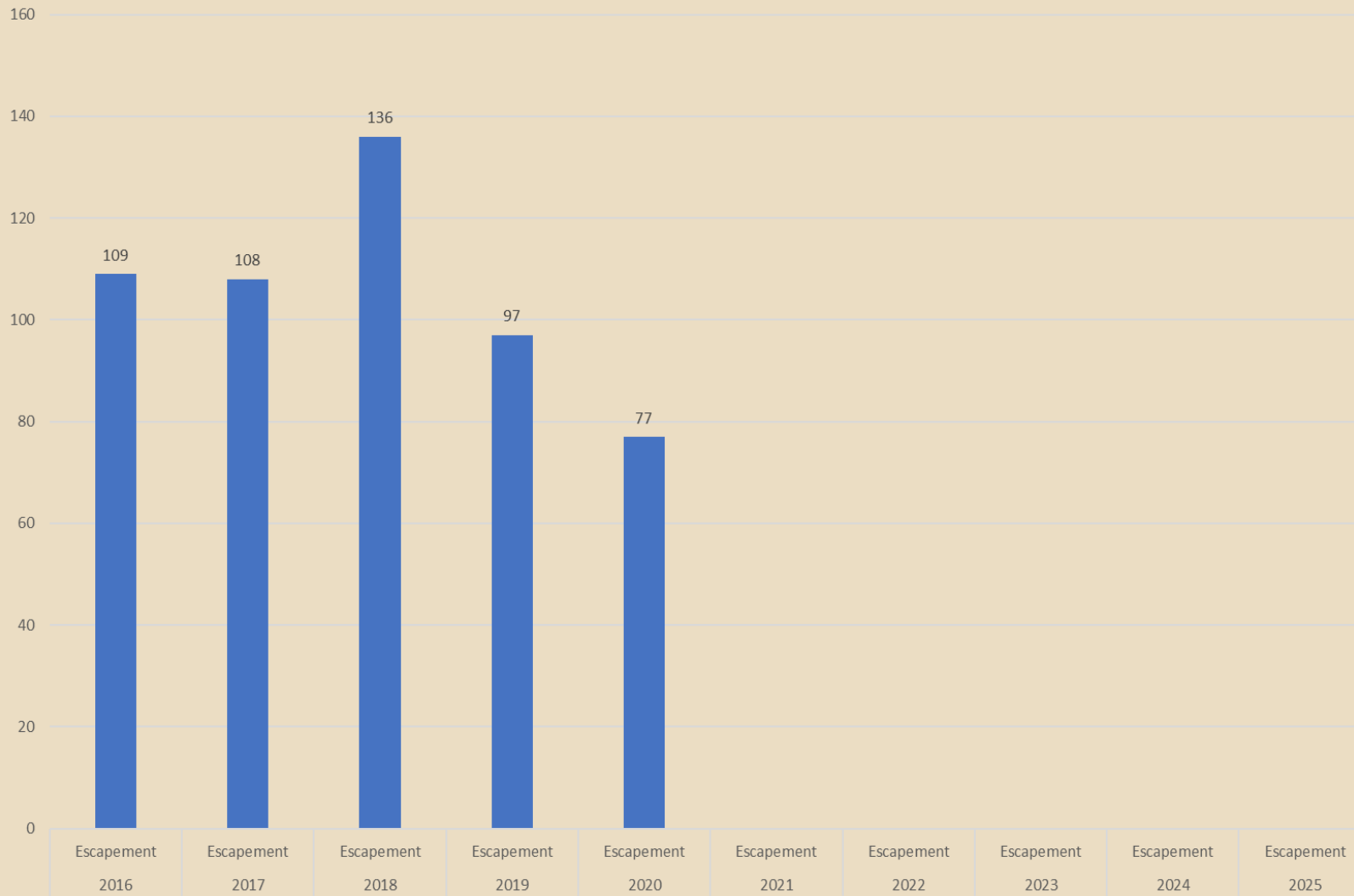
### USFWS Reported Recoveries



### WDFW Reported Recoveries



### YAKA Reported Recoveries



# Catch Sample

Year	ADFG	CDFO	CDFW	CCT	IDFG ●	NMFS	NMFSNWR	NPT	NWIFC ◊	ODFW	QDNR	STIL ◊	USFWS	WDFW	YAKA ◊	YTFP	Year
2025	2026/02/06	2026/02/25	2026/01/15	Expected Pending	Not Applicable	2026/02/11	Expected Pending	Not Applicable	Not Applicable	2026/02/19	Expected Pending	Not Applicable	2026/02/05	2026/03/03	Not Applicable	Unknown	2025
2024	2026/03/04	2026/02/03	2026/01/15	2025/05/20	Not Applicable	2025/11/24	Expected Pending	Not Applicable	2026/01/12	2025/06/04	2025/06/03	2026/01/29	2025/08/27	2026/03/02	Unknown	Unknown	2024
2023	2026/03/04	2026/02/03	2024/12/23	2024/06/05	Not Applicable	2024/05/14	Expected Overdue	Not Applicable	2025/01/08	2024/09/05	2024/10/30	2025/01/23	2024/11/25	2025/10/16	Unknown	Unknown	2023
2022	2026/03/04	2026/02/03	2024/10/09	2024/06/05	Not Applicable	2024/02/14	Expected Overdue	Not Applicable	2023/12/07	2024/03/07	2024/10/30	2024/01/12	2024/11/08	2026/02/25	Unknown	Unknown	2022
2021	2026/03/04	2026/02/03	2024/12/18	2024/06/04	Not Applicable	2024/02/07	2022/09/09	Not Applicable	2023/12/07	2024/04/01	2024/11/05	2023/06/14	2024/12/20	2026/02/25	Unknown	Unknown	2021
2020	2026/03/04	2026/02/03	2022/02/07	2024/06/04	Not Applicable	2024/02/02	2021/08/18	Not Applicable	2022/03/03	2022/06/16	2023/01/18	2022/03/11	2025/01/06	2025/12/16	Unknown	Unknown	2020
2019	2026/03/04	2025/02/05	2021/10/13	2024/06/04	Not Applicable	2024/02/02	2020/07/29	Not Applicable	2021/01/19	2022/07/05	2023/01/18	2021/05/18	2025/02/19	2025/12/15	Unknown	Unknown	2019
2018	2026/03/04	2025/02/05	2020/04/16	2023/08/14	Not Applicable	2024/02/02	2020/08/11	Not Applicable	2020/01/06	2020/01/13	2023/01/18	2020/01/28	2023/02/16	2025/12/15	Unknown	Unknown	2018
2017	2026/03/04	2025/02/05	2019/07/24	2023/08/14	Not Applicable	2021/04/12	2020/09/03	Not Applicable	2019/01/10	2020/01/06	2023/01/18	2018/11/26	2021/10/01	2024/06/25	Unknown	Unknown	2017
2016	2026/03/04	2025/02/05	2017/12/13	2023/08/14	Not Applicable	2021/04/12	2022/07/25	Not Applicable	2018/02/01	2020/01/06	2023/01/11	2018/10/16	2024/03/28	2024/06/25	Unknown	Unknown	2016
2015	2026/03/04	2025/02/05	2017/02/07	2023/08/14	Not Applicable	2022/12/09	2017/04/13	Not Applicable	2017/01/06	2020/01/07	2023/01/17	2018/11/26	2021/09/30	2024/06/25	Unknown	Unknown	2015
2014	2026/03/04	2025/02/05	2016/05/12	2023/08/14	Not Applicable	2017/03/17	2015/10/26	Not Applicable	2016/07/22	2020/01/07	2023/01/17	2023/06/27	2021/09/16	2024/06/21	2015/03/12	Unknown	2014
2013	2026/03/04	2025/02/05	2015/01/29	2023/08/11	Not Applicable	2017/04/06	2014/12/03	Not Applicable	2015/06/01	2020/01/07	2023/01/11	2023/06/27	2022/04/21	2024/06/21	2015/03/12	Unknown	2013
2012	2026/03/03	2025/02/05	2014/01/13	Not Applicable	Not Applicable	2023/02/16	2014/12/05	Not Applicable	2013/11/06	2020/01/07	2023/01/17	2023/06/27	2015/05/11	2024/06/14	2015/03/12	Unknown	2012
2011	2026/03/03	2025/02/05	2013/01/29	Not Applicable	Not Applicable	2016/04/13	2012/12/05	Not Applicable	2012/11/20	2020/01/07	2013/03/15	2023/06/27	2015/05/13	2024/05/29	2015/03/12	Unknown	2011
2010	2026/03/03	2025/02/05	2012/02/10	Not Applicable	Not Applicable	2016/04/13	2012/12/05	Not Applicable	2019/04/15	2020/01/07	2012/02/03	2023/06/27	2015/04/15	2024/05/29	Not Applicable	Unknown	2010
2009	2026/03/03	2025/02/05	2010/12/09	Not Applicable	Not Applicable	2016/04/13	2012/12/04	Not Applicable	2019/04/15	2020/01/07	2011/01/11	Not Applicable	2016/06/21	2024/05/30	Not Applicable	Unknown	2009
2008	2026/03/03	2025/02/05	2009/11/17	Not Applicable	Not Applicable	2016/04/13	2012/12/04	Not Applicable	2019/03/28	2020/01/07	2009/09/08	Not Applicable	2016/06/21	2019/02/01	2011/03/24	Unknown	2008
2007	2026/03/04	2025/02/05	2009/03/16	Not Applicable	Not Applicable	2016/02/08	Unknown	Not Applicable	2019/03/26	2020/01/07	2009/09/03	Not Applicable	2016/06/22	2012/07/27	2008/07/29	Unknown	2007
2006	2026/03/03	2025/02/05	2008/03/25	Not Applicable	Not Applicable	2016/02/08	Unknown	Not Applicable	2019/03/07	2020/01/13	2009/08/26	Not Applicable	2016/07/07	2012/06/18	2007/08/16	Unknown	2006
2005	2026/03/03	2025/02/05	2008/06/06	Not Applicable	Not Applicable	2016/02/08	Unknown	Not Applicable	2019/03/06	2011/02/23	2008/02/06	Not Applicable	2008/06/18	2013/07/25	Not Applicable	2007/08/17	2005



# RMPC /RMIS: other announcements

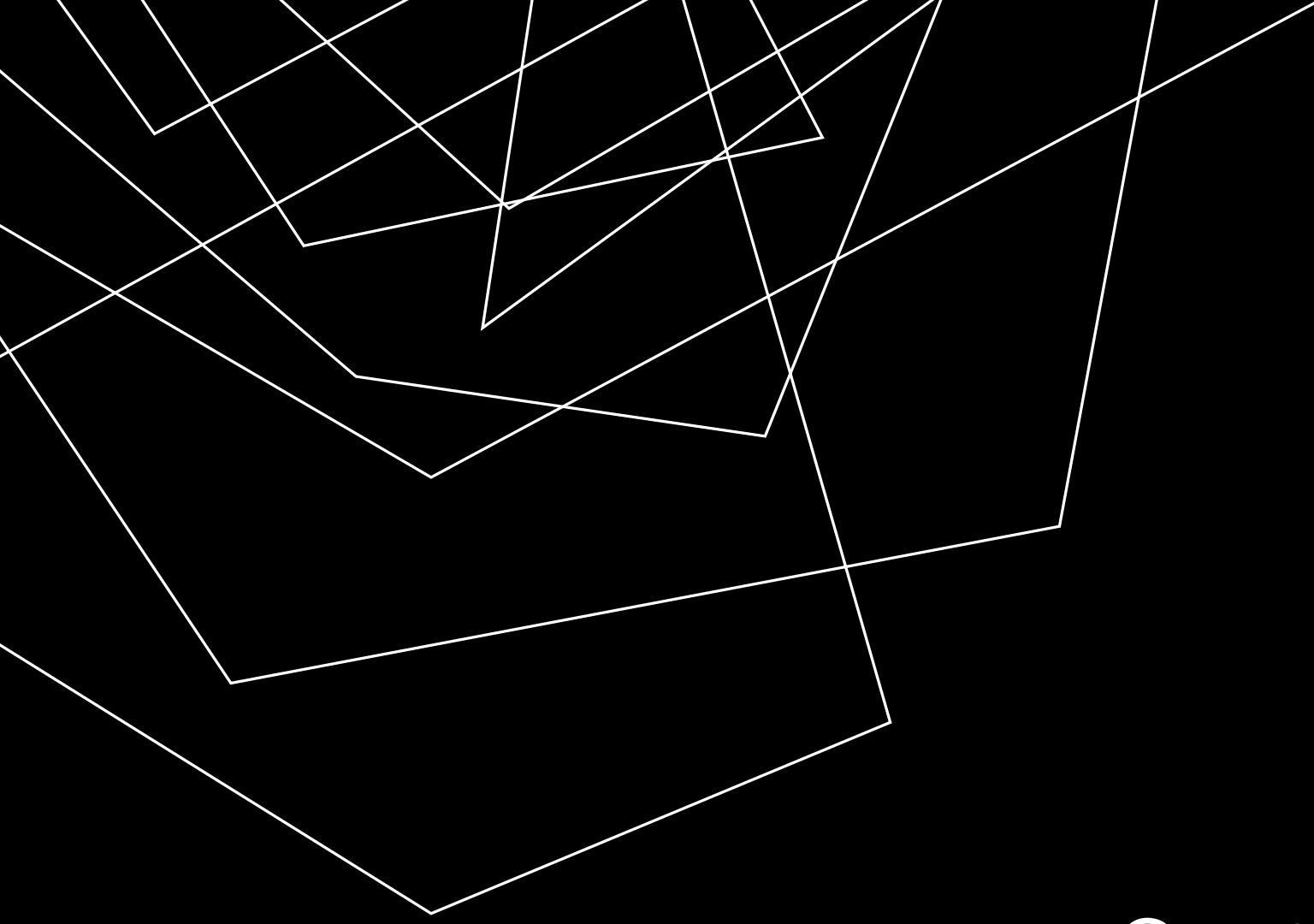
Monica Diaz /PSMFC

Megan Griffiths

Sam Cimino

Nancy Leonard





# Controlled Vocabulary

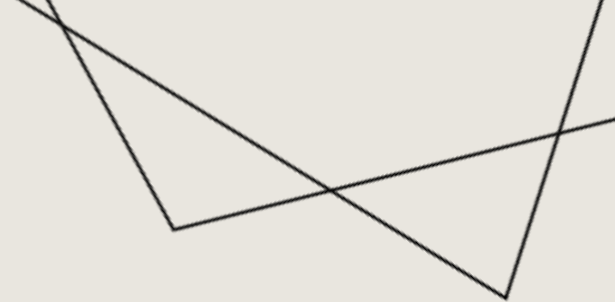
Monica Diaz



**REGIONAL MARK PROCESSING CENTER**  
A FISHERIES DATA PROJECT OF  
THE PACIFIC STATES MARINE FISHERIES COMMISSION

[www.rmpec.org](http://www.rmpec.org)  
6720 South Macadam Avenue, Suite 200  
Portland, OR 97219





**Purpose:** Captures the terms and definitions of data fields within RMIS to reduce confusion while keeping data providers in control of their own data. It preserves the long-term value of legacy data, supports consistency as new staff join, and enables individual data systems to integrate seamlessly with collaborative ones.

- Started with the Blue Book and Data Specs 4.2
- Where there are differences, **we will capture the different variations of a definition**
- The Controlled Vocabulary will exist side by side with the Data Specs



**Progress:** Beginning in Spring 2024, we compiled foundational resources — including the Blue Book and Data Specs 4.2 — to gather definitions and identify contributing agencies. This first draft launched a collaborative review process with the TCDS, where members break into smaller working groups to examine the Controlled Vocabulary in focused sections. To date, the group has completed review of the Recovery and Release data types and is more than halfway through the Catch/Sample data types.

Data field	Definition	Compiled New Definitions	Compiled Picklist	Compiled Note
Reporting Agency	Abbreviation for reporting agency of this dataset for this data exchange.	Group 1 - CDFO/NWIFC/CRITFC/ODFW: Abbreviation for reporting agency of this record.; Group 2 - CDFO/WDFW/NWIFC/ADFG/CRITFC: Abbreviation for the agency responsible for reporting this dataset		Ch to more generic due to th of DFO as special/ intl. & ce Reporting Agency
Release Agency	Abbreviations for tagging agencies	Group 1 - CDFO/NWIFC/CRITFC/ODFW: Abbreviations for agency releasing the fish.; Group 2 - CDFO/WDFW/NWIFC/ADFG/CRITFC: Abbreviations for agencies releasing tagged and/or untagged fish		
Record Code	Code to indicate the CWT data file classification (class) of this individual record. Drop down Non-Associated Release Record, Tagged Release Record	Group 1 - CDFO/NWIFC/CRITFC/ODFW: Identifies if this release is non-associated (untagged) 'N' or tagged 'T'.; Group 2 - CDFO/WDFW/NWIFC/ADFG/CRITFC: Code to indicate whether the individual data record is a release associated with a tag code or not associated with a tag code		
Submission Date	Code to indicate the CWT data file classification (class) of this individual record.	Group 1 - CDFO/NWIFC/CRITFC/ODFW: Date record was distributed from reporting agency to RMPC or DFO ; Group 2 - CDFO/WDFW/NWIFC/ADFG/CRITFC: Date of submission for this record. Date should be close to actual date when this record is sent to the RMPC		





**Next Steps:** A finished draft version will be shared and reviewed by the TCDS

- Review remaining Catch/Sample data fields at the upcoming TCDS meeting, March 24–26
- Capture any pending proposals from breakout group discussions
- Share finished draft for review by TCDS, Technical Teams, and RMPC
- Publish final version on the RMPC website





# Coastwide Fishing Regulations Database Project

Megan Griffiths



# Fishing Regulations Database Project



## Project Updates

- 2026 Funding Acquired

### Implementing a modular data system approach

- Regulations tabular database
- Geospatial component
- RMIS recovery data

### Regulations AI Development

- AI compiled data human QA by April 2026



[Project Website](#)



[Data Query Link](#)



# Fishing Regulations Database Project



## Regulations Spatial Data System

### SQL Server Enterprise Geodatabase hosted at PSMFC

- References regulation location table
- Regulation location maps
- RMIS recovery location maps



### Coordinating with PSMFC GIS Center & State Partners

- Integrating existing GIS resources



### Goal End Products

- Tabular fishing regulations joined on RMIS recoveries
- Web map to query regs and RMIS recoveries by location



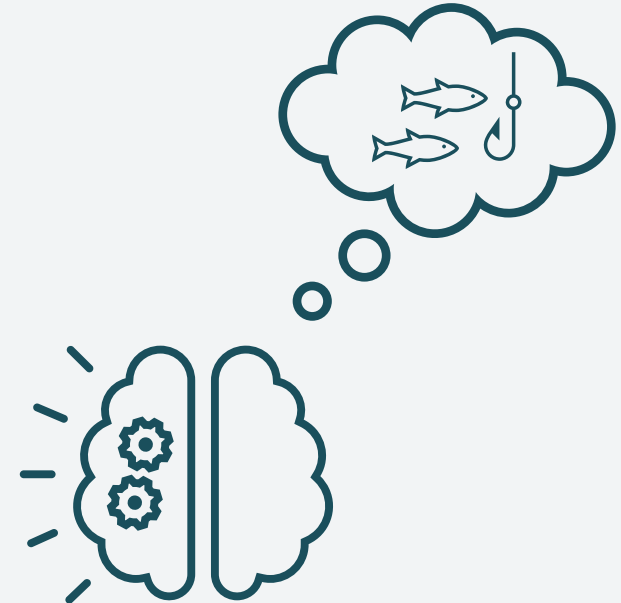
# Fishing Regulations Database Project



## Fishing Regulations AI

### Gemini LLM

- Developing python pipelines to process regs data sources
  - Separate pipelines for groups of similarly laid out sources
- LLM builds out regulation records in DB format
- Prompt engineering to improve LLM accuracy
- Human QAQC of all AI compiled data!!



# Fishing Regulations Database Project



## AI Regulations Dashboard

Change Document

Enum Manager

Version 1.

### Existing Projects

Project: **OR\_2013SportRegs\_Test2**

Open Project Folder

Document Type: Sports Document

Pipeline: Sports - Document Pipeline

File Name: OR\_2013SportRegs\_Test2.pdf

Working Directory: data/OR\_2013SportRegs\_Test2

### Steps

- 1 - Extract Pages
- 2 - Classify Text Into General And Zone-Specific
- 3 - Summarize General Statewide and Zone-Wide Regulations
- 4 - Chunk Zone-Specific Text
- 5 - Generate Enum Classes
- 6 - Generate Model Classes
- 7 - Extract General Statewide and Zone-Wide Entities
- 8 - Extract Entities From Zone-Specific Chunks
- 9 - Normalise And Export Regulations
- 10 - Evaluate Entity Extraction Results
- 11 - Export Init DB
- 12 - Load Locations
- 13 - Import Rules
- 14 - Materialize Rules
- 15 - Validate DB
- 16 - Inspect DB calculations

1 - Extract Pages	Pass	Text extraction completed successfully.
2 - Classify Text Into General And Zone-Specific	Pass	Text classification completed successfully.
3 - Summarize General Statewide and Zone-Wide Regulations	Pass	General and zone regulations summarization completed successfully.
4 - Chunk Zone-Specific Text	Pass	Zone-specific text chunking completed successfully.
5 - Generate Enum Classes	Pass	Enum generation completed successfully.
6 - Generate Model Classes	Pass	Regulation models loaded successfully.
7 - Extract General Statewide and Zone-Wide Entities	Pass	Summary-level entity extraction completed successfully.
8 - Extract Entities From Zone-Specific Chunks	Pass	Entity extraction completed successfully.
9 - Normalise And Export Regulations	Pass	Normalization and export completed successfully.
10 - Evaluate Entity Extraction Results	Pass	Correctness evaluation completed. Score=0.4105
11 - Export Init DB	Pass	Export DB initialized successfully.
12 - Load Locations	Pass	Locations loaded successfully.
13 - Import Rules	Pass	Raw rules imported successfully.
14 - Materialize Rules	Pass	Effective rules materialized successfully.
15 - Validate DB	Pass	Validation and conflict views built successfully.
16 - Inspect DB calculations	Pass	DB calculations inspected successfully.

Run Selected Step Only

Run From Selected Step

Run All Steps



# Fishing Regulations Database Project



## Zone Regulations

Project: **OR\_2013SportRegs\_Test2** | Source: regulations.db | Groups: 60 | Sub-record rows: 1265

Project: **OR\_2013SportRegs\_Test2** |

[Zone Regulations](#) | [All Data](#) | [Edited Records](#) | [Deleted Records](#)

Blue: extracted/autofilled default  Yellow: extracted/autofilled ambiguous

details	Open (8)	country	state	region	area	subarea	species	speciesGroup	water	regulationType
		United States	Oregon	Northwest Zone	Alsea River	Alsea River Tidewater (Lincoln Co.)	Salmon Species	All Salmon	Fresh	Non-Selective
						Alsea River Tidewater (Lincoln Co.)	Salmon Species	Chinook salmon	Fresh	Non-Selective
						Alsea River Tidewater (Lincoln Co.)	Steelhead	All Steelhead	Fresh	Mark-Selective
						Alsea River, North Fork	Salmon Species	All Salmon	Fresh	Non-Selective
						Alsea River, North Fork	Salmon Species	Chinook salmon	Fresh	Non-Selective
						Alsea River, North Fork	Steelhead	All Steelhead	Fresh	Mark-Selective
						Alsea River, South Fork	Salmon Species	All Salmon	Fresh	Non-Selective
						Alsea River, South Fork	Salmon Species	Chinook salmon	Fresh	Non-Selective
						Alsea River, South Fork	Steelhead	All Steelhead	Fresh	Mark-Selective
						General Area	Salmon Species	All Salmon	Fresh	Closed
						General Area	Salmon Species	All Salmon	Marine	Non-Selective
						General Area	Salmon Species	All Salmon	Fresh	Non-Selective
						General Area	Salmon Species	All Salmon	Fresh	Non-Selective
						General Area	Salmon Species	Chinook salmon	Fresh	Non-Selective
						General Area	Salmon Species	Chinook salmon	Fresh	Non-Selective
						General Area	Steelhead	All Steelhead	Fresh	Non-Selective
						General Area	Steelhead	All Steelhead	Fresh	Non-Selective
						General Area	Steelhead	All Steelhead	Fresh	Mark-Selective
						General Area	Steelhead	All Steelhead	Fresh	Mark-Selective
						Mainstem to Fall Creek (Lincoln Co.)	Salmon Species	All Salmon	Fresh	Non-Selective
						Mainstem to Fall Creek (Lincoln Co.)	Salmon Species	Chinook salmon	Fresh	Non-Selective
						Mainstem to Fall Creek (Lincoln Co.)	Steelhead	All Steelhead	Fresh	Mark-Selective
						Mainstem to USFS River Edge Landing	Salmon Species	All Salmon	Fresh	Non-Selective

Open (8)



# Fishing Regulations Database Project



## Group Details

[Back To Main](#) | [Edited Records](#) | [Deleted Records](#)

Source: regulations.db | Rows: 31

Blue: extracted/autofilled default  Yellow: extracted/autofilled ambiguous

### Area Context

Groups: 1

Country: United States  
 State: Oregon  
 Region: Northwest Zone  
 Area: Alsea River

## Filters + Sorting

speciesGroup:  species:  subarea:  sort:  dir:

## Grouped Records

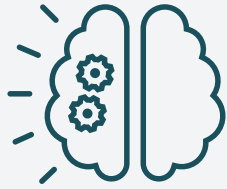
Edited	group_id	subarea	species	speciesGroup	water	regulationType	regulationAge	regulationGearRestrictions	bagLimitType	bagLimitTotal	m
	20	General Area	Salmon Species	All Salmon	Fresh	Closed	Any		Daily	-	-
	20	General Area	Steelhead	All Steelhead	Fresh	Non-Selective	Any	No angling from a floating device	Daily	-	-
	20	General Area	Salmon Species	All Salmon	Marine	Non-Selective	Any		Daily	-	-
	20	General Area	Steelhead	All Steelhead	Fresh	Non-Selective	Any		Daily	-	-
	20	General Area	Salmon Species	Chinook salmon	Fresh	Non-Selective	Any		Daily	-	-
	20	General Area	Steelhead	All Steelhead	Fresh	Mark-Selective	Adults		Daily	2.0	1
	20	General Area	Steelhead	All Steelhead	Fresh	Mark-Selective	Adults	Angling restricted to artificial flies and	Daily	2.0	1
	20	General Area	Salmon Species	Chinook salmon	Fresh	Non-Selective	Adults		Daily	2.0	2
	20	General Area	Salmon Species	All Salmon	Fresh	Non-Selective	Any		Daily	2.0	8



# Fishing Regulations Database Project



## Fishing Regulations AI



### Regs AI Testing

- Currently testing local deployments of the Pipeline Dashboard & QA Tool
- Testing PDFs and comparing to previously compiled data



### Accuracy

- Continue refining pipelines to get to 80% accuracy
- Improving AI's ability to grab location info and hierarchy of data in highly monitored areas



### Next Steps

- Develop pipelines for additional types of source documents
- Begin compiling “new” data as pipelines reach accuracy goals





# Juvenile Fish Trap (JFT) Data Discovery Tool

**Purpose:** This task's origination came out of a need to have one consolidated product that allows fisheries managers and biologists to quickly, and visually (geospatially), inventory the Columbia River Basin's (CRB) rotary screw trapping efforts.

**Progress:** Fisheries manager's appetite for the provided information and ease of which to access the information quickly expanded this tool beyond focusing solely on rotary screw traps and to include other juvenile fish trapping efforts outside of the CRB.

## Task Leads:

Sam Cimino (PSMFC)  
scimino@psmfc.org

Meg Dethloff (PSMFC)  
mdethloff@psmfc.org

# Juvenile Fish Trap Data Discovery Tool

- Fish monitoring work group
  - Met 12/18/25 and 3/27/26
  - Attendees from around the CR Basin and new interest from the Puget Sound and the Oregon Coast
- Formerly the Rotary Screw Trap Data Discovery Tool
  - Formerly the Rotary Screw Trap Dashboard
  - Any trap handling of downstream juveniles with some determined minimum amount of data generated (RSTs, inclined plane traps, scoop traps, weirs)
- Provide linkages to the Columbia Basin Fish Facilities Layer and PTAGIS
- Next Steps
  - Regular meetings with the developers (QW)
  - Start Production in May
  - Final product mid/late- Summer

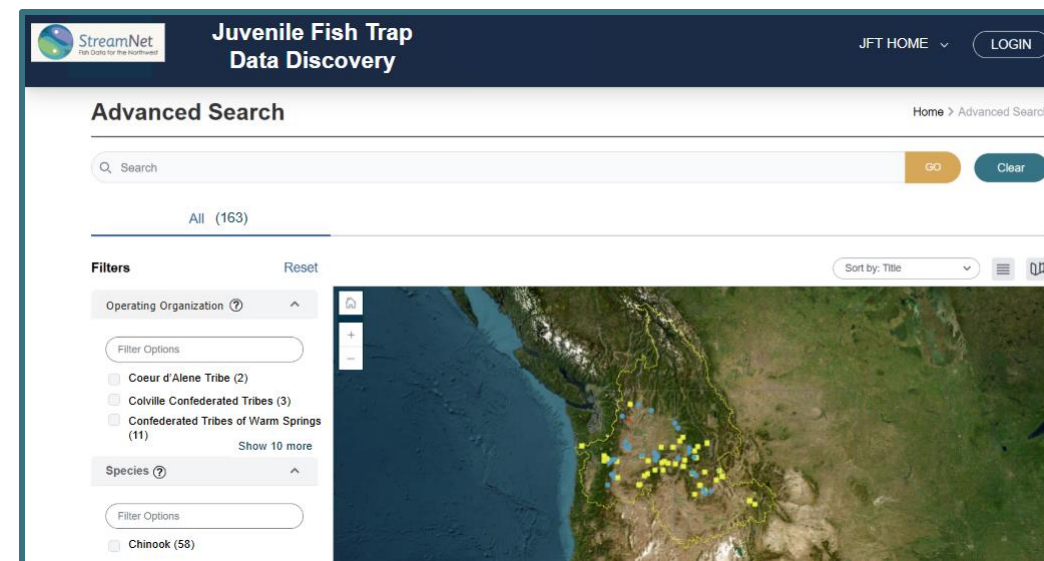
The screenshot shows the 'Pacific States Juvenile Fish Trap Data Discovery' web application. The header includes the StreamNet logo and navigation links like 'JFT HOME'. The main content area is titled 'Juvenile Fish Traps' and contains a form for creating or editing a trap record. The form includes fields for 'Status' (with a dropdown menu showing 'Draft', 'Publish', 'Pending Approval', and 'Archive'), 'Trap Name', 'Trap ID', 'Trap Status', 'Target Species', 'ESU\_DPS', 'Population Monitored', 'Seasonal Operation' (with 'Month Range' and 'Year Range' sub-fields), 'Primary Funding Agency of Trap', 'Trap Operating Organization', 'Operator Type', and 'Funder Serial Number'. There are also 'Save' and 'Date' fields, and a 'Views: 0' indicator.

# Juvenile Fish Trap Data Discovery Tool

Interested in learning more or participating in tool development?

- Contact Sam Cimino, task lead, [scimino@psmfc.org](mailto:scimino@psmfc.org)
- Sign up for PNAMP FMWG to be notified for meetings, [mdethloff@psmfc.org](mailto:mdethloff@psmfc.org)
- Sign up for PNAMP newsletter to track progress

Contact us: [pnamp@psmfc.org](mailto:pnamp@psmfc.org)



# Emerging Technologies Information Sessions (ETIS)

**Project:** <https://pnamp.org/projects/2026-etis/>

**YouTube:** <https://www.youtube.com/@pacificnorthwestaquaticmon1986>



Pacific Northwest Aquatic  
Monitoring Partnership

## Purpose

- Bring together monitoring professionals, project managers, data collectors, data managers, and data consumers from all over the world
- Showcase the latest technologies and innovative techniques in ecological monitoring

## Format

- ETIS is held every other year switching between a Webinar Series and an In-person Event
- Webinar Series presentations - available on the PNAMP YouTube channel

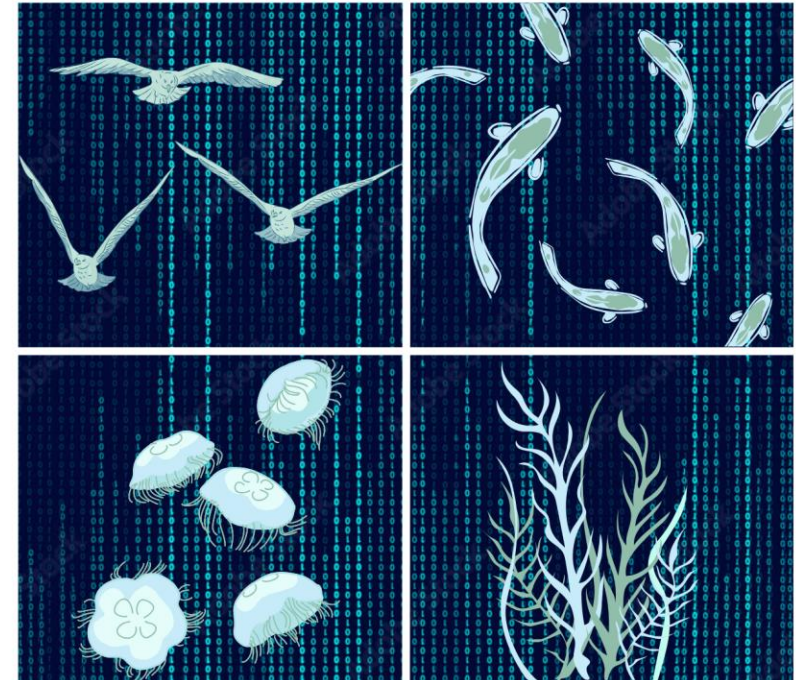
## Past Events:

- Feb 5, 2025: [Remote Sensing Session – 2025 ETIS Webinar Series](#)
- Jan 29, 2025: [Genetics Session – 2025 ETIS Webinar Series](#)
- Jan 22, 2025: [Data QA/QC Session – 2025 ETIS Webinar Series](#)
- Jan 15, 2025: [Artificial Intelligence and Machine Learning Session – 2025 ETIS Webinar Series](#)
- Jan 8, 2025: [Modeling and Analysis Session – 2025 ETIS Webinar Series](#)
- **Nov 14 – Nov 16, 2022:** [Emerging Technologies Information Sessions \(ETIS\) 2022 Hybrid Event](#)

# 2026 Emerging Technologies Information Sessions (ETIS)

- October 26-28, 2026 – Skamania Lodge in Stevenson, Washington
- Sent out a survey of interest in December
  - 49 responses
  - ID'd topics, themes, interest in attending in-person
- Outreach
  - Announcement “Save the Date” - February PNAMP Newsletter
  - Invitation – March PNAMP Newsletter and past participants
  - Invited Sponsors and Exhibitors
- Abstract submission period is open!
- Contact Sam Cimino, task lead, [scimino@psmfc.org](mailto:scimino@psmfc.org)

Task lead: [scimino@psmfc.org](mailto:scimino@psmfc.org)  
Contact us: [pnamp@psmfc.org](mailto:pnamp@psmfc.org)



**Emerging Technologies Information Sessions**

October 26-28, 2026

Skamania Lodge - Stevenson, Washington

Break  
back at 3:00



# All Agency Updates

Tag-Coordination Representative, ALL-AGENCY Participation



**REGIONAL MARK PROCESSING CENTER**  
A FISHERIES DATA PROJECT OF  
THE PACIFIC STATES MARINE FISHERIES COMMISSION

[www.rmpec.org](http://www.rmpec.org)  
6720 South Macadam Avenue, Suite 200  
Portland, OR 97219



# All-Agency Updates, part 1

Tag-Coordination Representative: Tagging Levels; any Mass Marking for 2026; Mark-Selective Fishery Activity & Plans; LINK: [AllAgencyUpdate2026.pdf](#)

## Member agencies (10):

WDFW / Washington Dept. Fish & Wildlife: .

CRITFC / Columbia R. Intertribal Fish Commission: .

CDFW / California Department of Fish & Wildlife: .

ADFG / Alaska Dept. Fish & Game: .

USFWS / U.S. Fish & Wildlife Service: .

NWIFC / Northwest Indian Fisheries Commission: .

NMFS / National Marine Fisheries Service, Alaska: .

IDFG / Idaho Dept. Fish & Game: .

MIC / Metlakatla Indian Community: .

ODFW / Oregon Dept. Fish & Wildlife: .



# All-Agency Updates, part 2

**Tag-Coordination Representative: Tagging Levels; any Mass Marking for 2026;  
Mark-Selective Fishery Activity & Plans; LINK: [AllAgencyUpdate2026.pdf](#)**

## Other reporting agencies (5):

YAKA / Yakama Nation: .

CCT / Colville Confederated Tribe(s): .

CTUIR / Confederated Tribes Umatilla: .

NPT / Nez Perce Tribe: .

MAKAH / Makah Tribe: .



# Update on PSC Data Exchange Projects & 2026+ Workplan

Nancy, Greg Wilke, Jim Longwill, PSMFC



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# PSC Data Exchange Projects & 2026+ Workplan

## RMPC Data Specification 5.0

### Dependency Matrix - Proposal Details by Phase

#	ID	Title	Phase 1 Foundation	Phase 2 Database	Phase 3 Validation	Phase 4 Docs	Dependencies
6	19	Location Code Format	✓ DB		✓		Blocks everything
8	34	Remove Coordinator	✓ DB		✓		After #19, blocks field adds
2	9	Release Stock Origin		✓	✓		After #34
3	12	Unresolved Reason		✓	✓		After #19
4	16	Period Ranges		✓	✓		After #19
9	42	Recovery ID Length		✓	✓		After #19
5	18	Unsampled Catch			✓		Independent
7	23	Species Age Limits			✓		Links to #12
10	46	Fishery Regulation			✓		Independent
12	56	Release Strategy Codes			✓		Independent
1	2	Agency Deadlines				✓	None
11	55	Transfer Method				✓	None

✓ **Natural Technical Order:** This sequence is based on technical dependencies, not arbitrary priorities. Database structure must exist before validation rules. Field removals must happen before additions. Location format affects everything.

- Implement 12 Approved Requests
- Migrate Database to New Format
- Accept Data in New 5.0 Format + 4.2 Format (Apply Translation)



**GO LIVE -> Week of April 2, 2026**



# PSC Data Exchange Projects & 2026+ Workplan

## Data Migration Overview

### V5.0 Change Date: April 2nd, 2025

- All data standardized to PSC Format Version 5.0 after April 2, 2026
- V4.2 submissions accepted (auto-converted to 5.0)
- **V4.1 submissions no longer accepted**
- Existing data updated by RMPC
  - No resubmission required except special cases



Agency Data Migration  
Guide Sent out with V5.0  
Change Over Notice



# PSC Data Exchange Projects & 2026+ Workplan

## Database Updates

### Release Data Changes

#### **Request 34:** Remove coordinator code field

- Now informally referred to as “untagged prefix”

#### **Request 9:** Add new field broodstock\_origin\_type

- Required field
- Default ‘U’ = Unknown for existing records
- CSV generation tools must be updated for new field positions



#### **Request 56:** New release\_strategy codes:

- ‘NP’ = Net Pen
- ‘BG’ = Barge



# PSC Data Exchange Projects & 2026+ Workplan

## Database Updates

### Recovery Data Changes

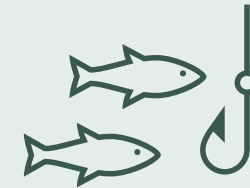
**Request 12:** Added new field unresolved\_reason

- Required if tag\_status = '7'
- Default = '0' not specified; blank if tag\_status ≠ '7'

**Request 42:** Recovery\_id optionally expanded to 36 characters (do not modify existing IDs)

**Request 46:** New adclip\_selective\_fishery code:

- 'U' Unaligned Selective Fishery



# PSC Data Exchange Projects & 2026+ Workplan

## Database Updates

### Location Data Changes

**Request 19:** All location\_code fields updated across data categories

- Length expanded from 19 to 23 characters
- Imbedded spaces replaced with '^'. No trailing carets/whitespace

### Request 19 Impacted Fields:

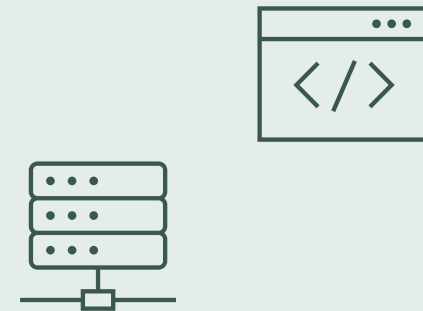
- Location Data: location\_code
- Release Data: release\_location\_code, hatchery\_location\_code, stock\_location\_code
- Recovery Data: recovery\_location\_code
- Catch Sample Data: catch\_location\_code



# PSC Data Exchange Projects & 2026+ Workplan

## RMIS API

- The RMIS Data API has become very popular method to access project data
- Plan to expand current data retrieval functionality
- Provide data submission functionality as well (full CRUD interface)
- Automated data validation with feedback



# Day 2 Reminder



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# Day 2 Logistics

Day 2 – March 25

Time (MDT)	Item
8:30	Leave for hatchery facility --> (in-person participants car pooling?)
9:00	Eagle Hatchery genetics lab and ID Sockeye Captive Brood Facility --> (in person only)
11:00	Baseline status and projects --> (MS Teams for remote participants)
11:30	Lunch at facility
1:00	Welcome
1:10	PSC SFEC Committee update
1:30	FishGen data system
1:50	PBT data scoping project
2:15	Break
2:30	Report hatchery releases
3:30	RMPC logo & RMIS logos
4:00	Adjourn



# Adjourn Day 1



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# REGIONAL COMMITTEE ON MARKING AND TAGGING

## 49<sup>TH</sup> MEETING

**Day 2**

**MARCH 24 - 26, 2026**

**Boise, ID**



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# MS TEAMS TIPS

Please mute yourself when not speaking.

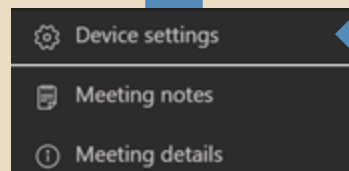
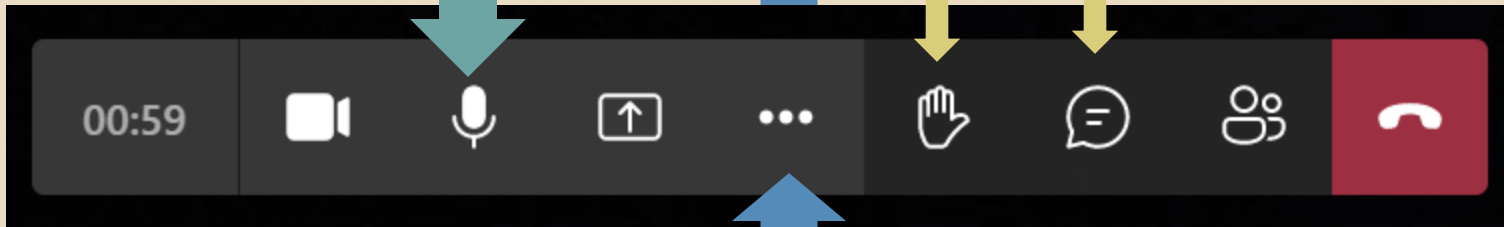
Use \*6 to mute phone audio.

Use the microphone icon on the control bar to mute computer audio.

Desktop view



Browser view



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# Welcome and Introductions

- In-person meeting room logistics
  - In room personal laptop use: turn off audio/volume
  - WIFI guest access
  - Refreshments
  - IDFG meeting host
- For new attendees joining today
  - RCMT members and Other attendees and guest presenters
  - please use the CHAT (name & affiliation)

## RCMT Members

Dave Reggiani, MIC  
Ash Shaffer, NWIFC  
Marianne McClure, CRITFC  
Caroline Lawrence, NOAA  
Ben Cross, USFWS  
Eric Keller, ADFG  
Jason Azat, CDFW  
Brian Leth, IDFG  
Trevor Clark, ODFW  
Jillian Cady, WDFW



# Review Agenda

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2:30	RMPC announcements <ul style="list-style-type: none"> <li>• Controlled vocabulary</li> <li>• Fishing Regulations database</li> <li>• Juvenile Fish Trap Discovery</li> <li>• 2026 TCDS</li> </ul>	
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10:20	NMT updates	
11:00	RCMT Ideas for 2027 annual meeting (& will be 50 years!)	
11:20	RCMT Status Update meeting	

~12:15+ Adjourn



# Current status of baseline and example of projects that sample and assign back to baseline

Matt Campbell/IDFG



# Lunch Break

reconvene at 1:00



# MS TEAMS TIPS

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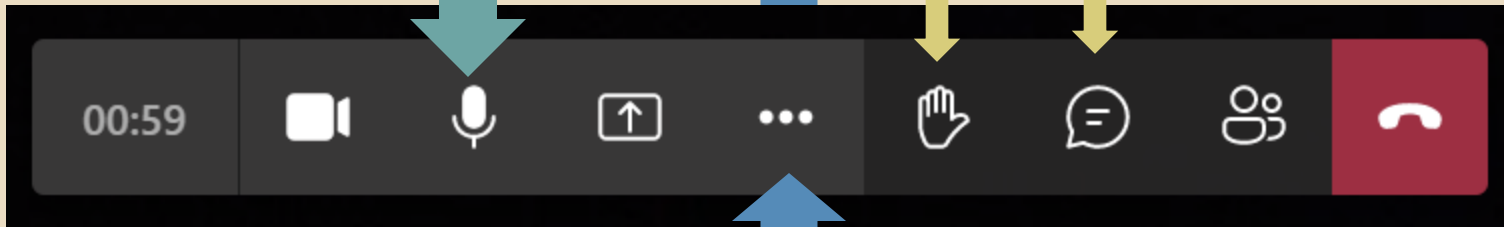
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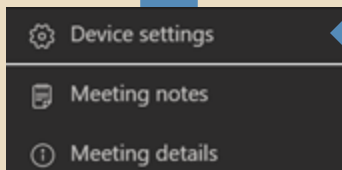
Desktop view



Browser view



You can use chat or raise your hand



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Jillian Cady, WDFW



# PSC SFEC Committee

Lara Erikson / PSMFC

Ryan Lothrop /WDFW

SFEC MM MSF Update March 2026



# FishGEN data system

Lara Erikson / PSMFC

Matt Campbell / IDFG



# Parental-Based Tag Data Exchange Scoping Project

Lara Erikson / PSMFC

Mari Williams / PSMFC



# Scoping Genetic Data Elements for Improved Regional Access

**Scoping exercise:** Builds upon RCMT meetings discussing sharing PBT and GSI data as part of the RMPC RMIS data system

**Funding:** Internal PSMFC IJFA-commission funds

**Task:** Identify which genetic fields could be added to the RMIS data system to enhance access to genetic data.

## **Tentative deliverables:**

- Controlled Vocabulary of genetics data elements
- Initial conceptual illustration of relationship among fields



CRITFC 2017 presentation



# PBT-GSI Data Exchange Scoping Timeline 2026

**Participants:** CWT and genetics data providers and consumers, RCMT members, StreamNet members, NOAA researchers, CRITFC Hagerman Genetics Laboratory, IDFG Eagle Fish Genetics lab, FishGen (baseline) staff, and other interested researchers, managers and funders

**Process:** PNAMP FMWG to convene virtually and up to 2 in-person meeting at IDFG or PSMFC

Spring - Identify collaborators and call for participants at FMWG meeting April 16th

Summer - FMWG Task Team develops target fields and controlled vocabulary

Fall – Update RCMT in October



# Discussion: Expediting the reporting of releases from hatcheries

Nancy Leonard / PSMFC



# Delayed Reporting of Hatchery CWT releases

Topic falls within 2025 RCMT Operating Guidelines' Section 3.2 RMIS Data Integrity

- Data integrity is essential;
  - however, ever-present issues such as data not being submitted or errors not being corrected, despite repeated requests, require a resolution process.
- To address such situations,
  - meetings should occur between the RCMT representative and data provider to determine the cause of the issue and develop an alternative approach to correct the problem.
  - The RCMT representative and the data provider for that entity must collaborate to ensure they mutually understand what the issues are and to develop an agreed upon solution/resolution, which may include documenting why the data are unavailable or that the errors cannot be corrected.



# Impact of delayed Reporting to Pacific Salmon Commission Technical Committees

## Issue:

- U.S. Section of the PSC is primarily interested in shortening the time period needed to ensure all aspects of CWT data reporting have been completed.
- Timely reporting of mass-marking releases of coho and Chinook are important for preseason fishery planning. Especially important as Mark-selective fisheries are being considered for Chinook (BC and AK) and for coho (SUS and SBC)

Impact: CWT datasets appear to be complete but are not due to missing release information, incorrect/incomplete expansions, or recovery records having been set aside for later resolution without an explicit timeline for follow up.

Solutions: Discuss/brainstorm potential strategies and/or checkpoints that would collectively avoid a



# RMPC logo & RMIS logos

Nancy Leonard / PSMFC

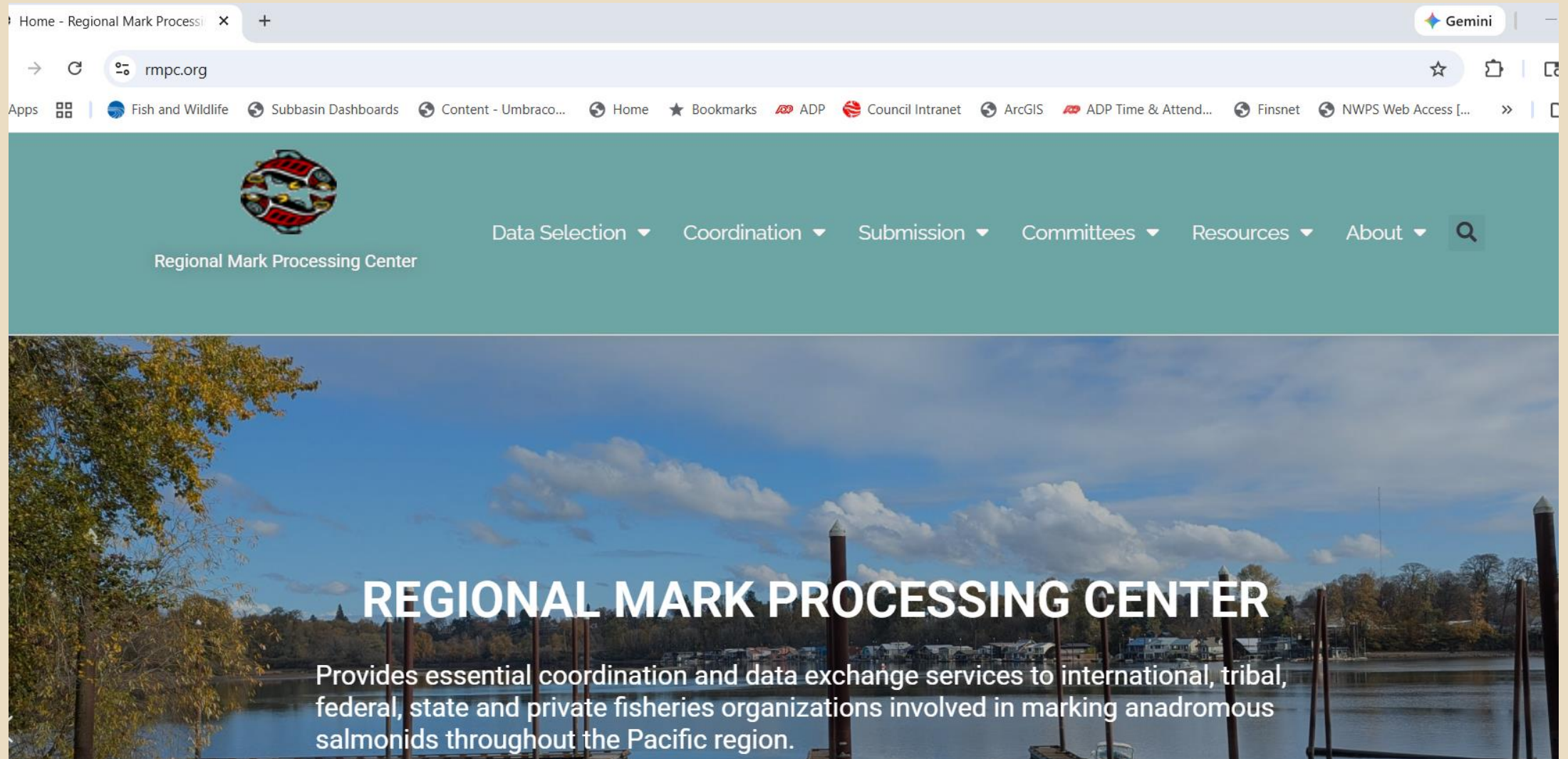


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# Current Logos - RMPC Logo



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# Current Logos - RMIS Logos

## RMIS Standard Reporting (RSR) query

← → ↻ rmis.org/rmis\_login.php?action=Login&system=cwt

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# REGIONAL MARK INFORMATION SYSTEM

**RMIS**

[RMPC Home Page](#)

**RMIS System Notice!**

**Please Login**

Database Name  
rrep

Email Address

**LOGIN**

Welcome to the Regional Mark Information System (RMIS). The **RMIS Standard Reporting (RSR)** system is a web-based interface for the **RMIS Coded-Wire Tag (CWT)** database. This system allows the user to build a query, optionally preview the result set row by row, and save their choice using the result set. The report may be displayed in the browser or delivered by email.

Further detailed information about the RSR system can be found in the [RMIS User Guide V3](#), Chapters 1 through 4.

Choose Start Page:

- Tagged Releases** (Record Code T only)
- Non-Assoc. Releases** (Record Code N only)
- All Releases** (Tagged and Non-Assoc.)
- Ad-joined Releases** (Tagged and Non-Assoc.)

## RMIS Analysis Reporting (RAR) query

← → ↻ rmis.org/rmis\_login.php?action=Login&system=rar

Apps Fish and Wildlife Subbasin Dashboards Content - Umbraco... Home Bookmarks ADP Council Intranet ArcGIS ADP Time & Atten



# REGIONAL MARK INFORMATION SYSTEM

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[RMPC Home Page](#)

**RMIS System Notice!**

**Please Login**

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rrep

Email Address

**LOGIN**

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Further detailed information about the RAR system can be found in the [RMIS User Guide V3](#), Chapters 1 through 4.

Choose Start Page:

- Define CWT Criteria**
- Edit CWT Criteria**

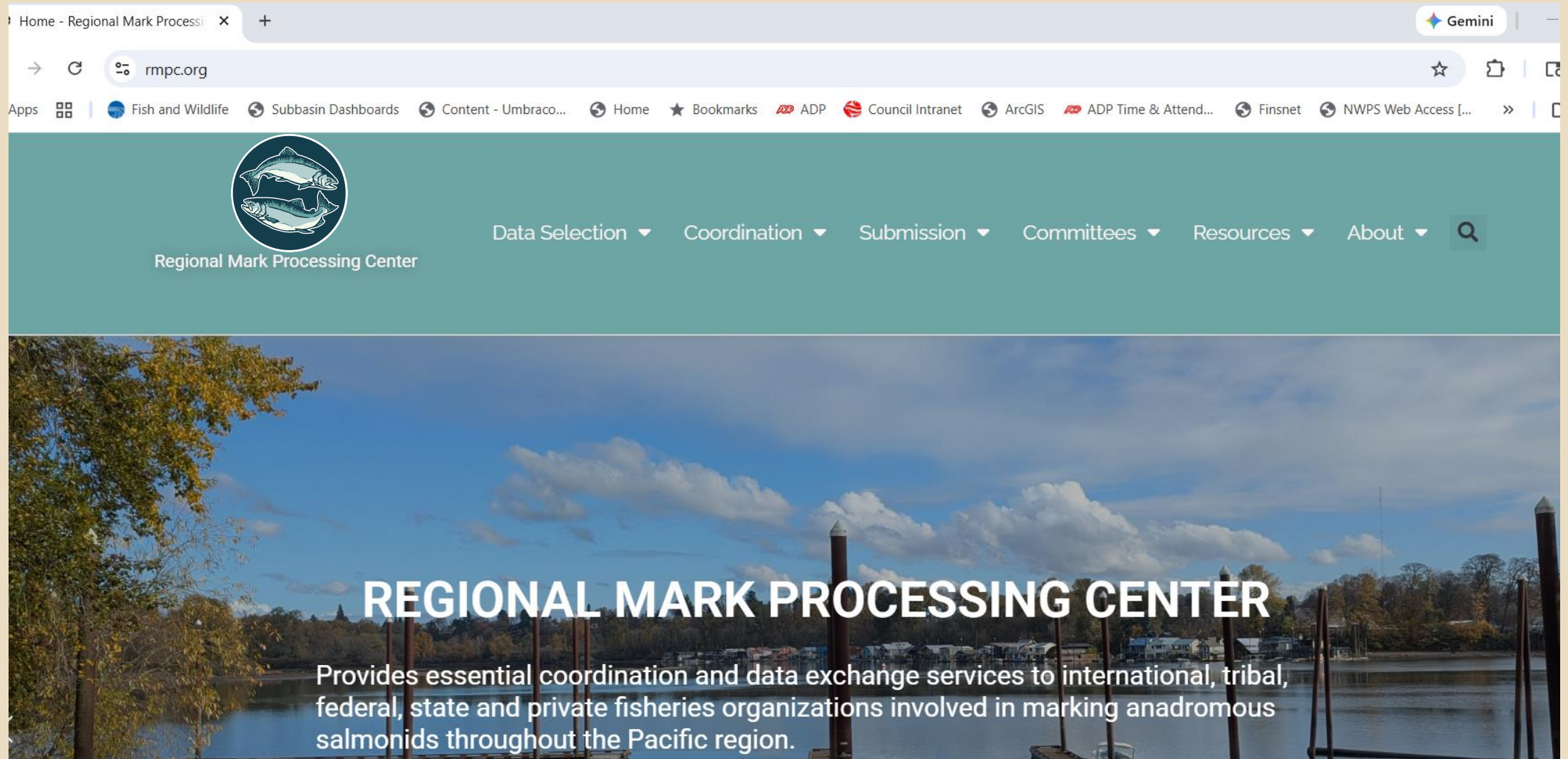


# Proposed New Logos

- Redesign of logos prompted by
  - Older RMPC logo style with low resolution
  - Older RMIS queries' logos style with low resolution
  - New Fishing Regulations query tool being added as a RMPC query tool
- Intent for new logos
  - Higher quality resolution
  - Modernize to a newer style
  - Maintain connection in logo style between RMPC, RMIS queries, and new Fishing Regulation query tool
  - Keep one fish with adipose clipped and the other without clipped adipose



# Proposed New Logo for RMPC



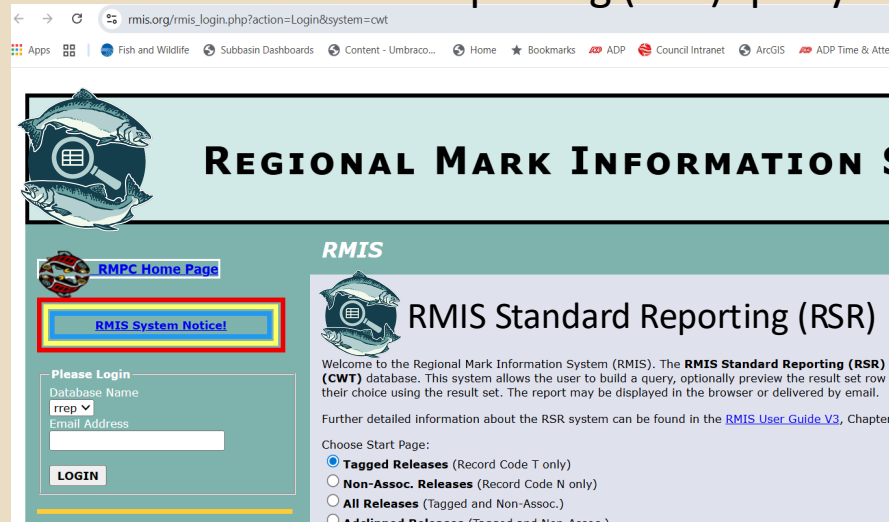
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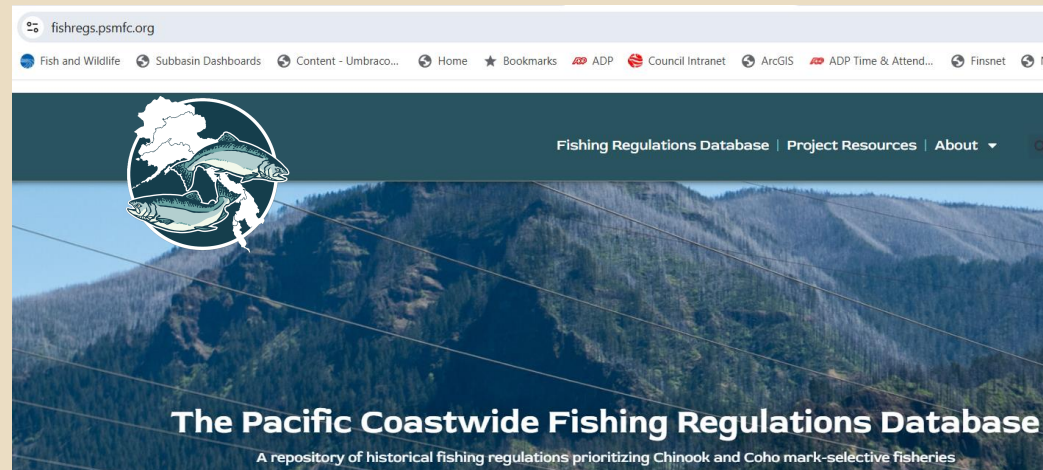
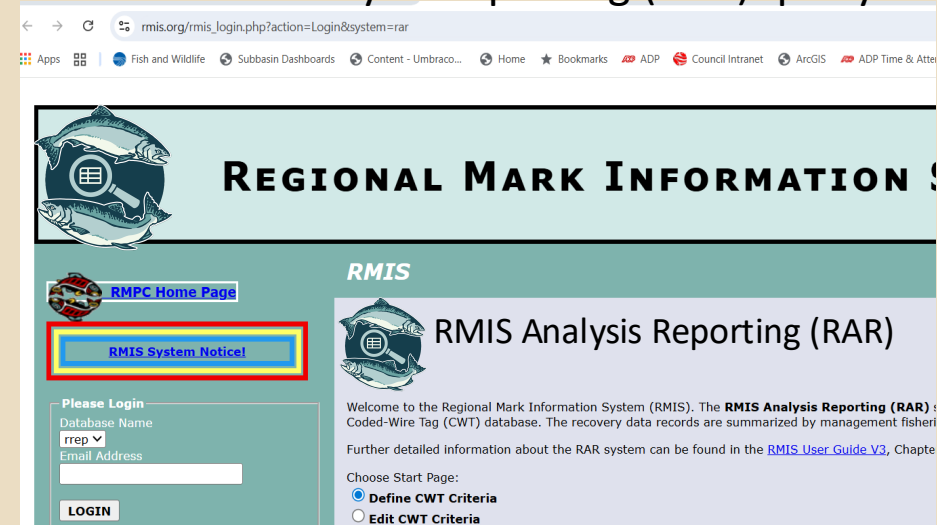


# Proposed New Logos for RMIS and Fishing Reg Queries

RMIS Standard Reporting (RSR) query



RMIS Analysis Reporting (RAR) query



Note: URL for Fishing Regs will move to be under [www.rmpec.org/](http://www.rmpec.org/)






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# Thoughts on the 3 proposed new logos

RMPC logo	RMIS queries logo	Fishing Regulations logo
		



# Adjourn Day 2

Reconvene at 9:00 am for Day 3



# REGIONAL COMMITTEE ON MARKING AND TAGGING

## 49<sup>TH</sup> MEETING

**Day 3**

**MARCH 24 - 26, 2026**

**Boise, ID**



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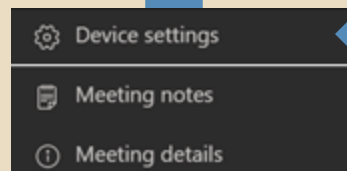
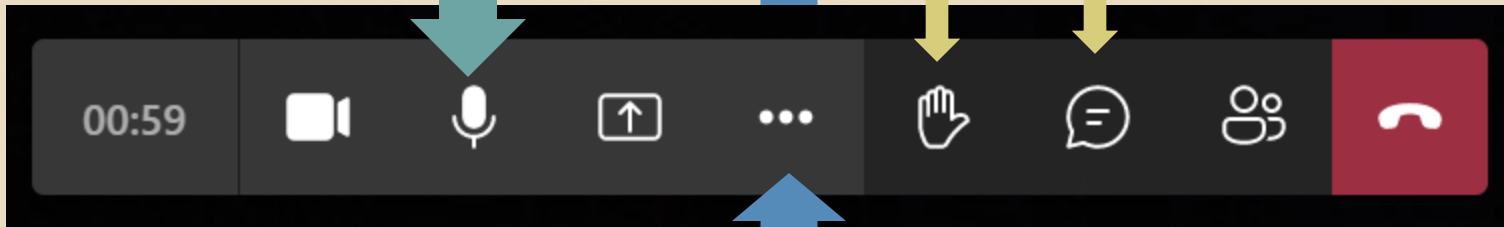
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# Regional Coordination of the Coast-Wide Marking and Tagging of Pacific Salmonids: Operating Guidelines

Nancy Leonard / PSMFC



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# Active 2025 version

Accessible from document table on:

<https://www.rmpc.org/committees/rcmt/>

And

<https://www.rmpc.org/resources/documents/>

Search:  [Reset](#)

FILE	DESCRIPTION	MEETING DATES	FILE DATE
<a href="#">2025 RCMT Operating Guidelines (Adopted Nov 2025)</a>	This <i>Regional Coordination of the Coast-Wide Marking and Tagging of Pacific Salmonids: Operating Guidelines</i> adopted in November 2025 replaces the October 2011 version of the <i>Regional Coordination and Agreements on Marking and Tagging Pacific Coast Salmonids</i> . This 2025 version provides background information on the purpose and evolution of the		2025

## Regional Coordination of the Coast-Wide Marking and Tagging of Pacific Salmonids: Operating Guidelines

*Regional Committee on Marking and Tagging*

November 2025



# Operating Guidelines

## *Highlights to inform task discussion*

- RCMT objectives (section 2.2)
  - Explore and recommend complementary/new tagging and marking technologies for stock ID
  - Recommend additional RMIS data categories (can be outside of PSC exchange)
  - Foster exchange and discussion of research and development of marking, tagging, and recovery technology
  - Promote development of coast-wide data collection and reporting standards
  - Establish priorities and coordinate plans to improve timeliness of data acquisition and delivery to RMIS
- RCMT Product Development (section 3.1)
  - When RCMT members believe there is a topic or product that would be beneficial for the RCMT to better support or develop, the RCMT Chair is tasked by the members to oversee a process to fulfil this request.



# Potential tasks to be completed by RCMT/PSMFC

Trevor Clark /ODFW

Nancy Leonard / PSMFC



# Discussion of potential tasks

## Guidance documents

- Assessing quality of marks when using tagging trailers
- Assessing and documenting short and long term fish condition post-tagging to capture information evenly and not limited to when a return year has major concerns
- Assessing disease issues in fish before marking begins

## Special RCMT Workshops (in-person / hybrid)

- Marking methods, emerging technology, lessons learned
- Hands on sessions or demonstrations

## Data Improvements

- Develop and implement use of a data entry form for use by field staff to gather feedback on marking quality
- Better documentation of where marked fish are transferred and released
- Encouraging entities to collect biological data and submit it to RMIS system



# NMT Updates

Dave Knutzen / NMT



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# RMCT 2026

## Status Update meeting

Dave Knutzen / NMT



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# 2026 RCMT fall Status Update meeting

- Purpose and format
  - Per 2025 RCMT Operating Guidelines focuses on updates to active tasks
  - Virtual only, 2 to 4 hours
  - Date set during spring annual meeting
    - Wednesday Oct 14, afternoon
    - Week of Oct 26-27-28-29
  
- Agenda item (tentative)
  - PBT data scoping
  - Fishing Regulations
  - Other items?



# Adjourn Day 3



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