

REGIONAL COMMITTEE ON MARKING AND TAGGING 48TH MEETING

APRIL 22 - 24, 2025

Santa Rosa, CA



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

www.rmpec.org
6720 S. Macadam Ave., Suite 200
Portland, OR 97202



MS TEAMS TIPS

Please mute yourself when not speaking.

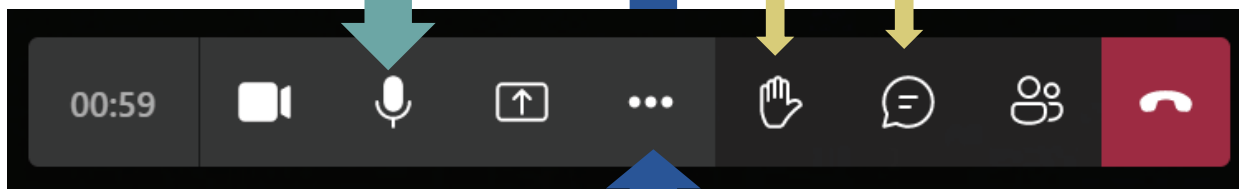
Use *6 to mute phone audio.

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

Desktop view



Browser view



You can use chat or raise your hand

- Device settings
- Meeting notes
- Meeting details

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



Welcome and Introductions

- Order of introductions
 - RCMT members
 - in-person
 - 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
- In-person meeting room logistics
 - In room personal laptop use: turn off audio/volume
 - WIFI guest access
 - Refreshments



Review Agenda

Approx times (PDT)

Day 1	9:30 – 4:30	Day 2	9:00 – 11:30	Day 3	9:00 – 11:00
9:30	Welcome	9:00	Welcome	9:00	Welcome
9:35	General RCMT Items	9:00	Update Presentation from PSC SFEC Committee	9:00	Fishing Regulation database prototype
10:00	Announcement of Makah tribe	10:00	California: New Hoopa Valley Tribal Hatchery & Reestablishment of Coho	9:45	Current Status on Updating the 2011 Regional Coordination & Agreements
10:15	RMPC /RMIS: Status of datasets	11:00	break	10:15	break
10:45	break	11:15	Recruitment & Retention of CWT Field Staff	10:30	Continued.. Current Status on Updating the 2011 Regional Coordination & Agreements
11:00	RMPC /RMIS: other announcements	12:15	California Spring Chin Reintroduction on San Joaquin R	11:45	Summarize action items and next steps
11:15	California Ocean Salmon Project CWT Recovery Process				
12:00	Lunch	1:15	Adjourn Day 2	~12:30+	Adjourn
1:30	All Agency Updates	1:15+	Lunch + Afternoon Field-trip & Networking Event: Armstrong Redwoods		
3:00	Update on PSC Data Exchange Projects & 2025+ Workplan				Event / departures
3:45	Northwest Marine Technology		visit to restaurant; no-host dinner		
4:30	Adjourn				



Review Agenda

Approx times (PDT)

Day 1	9:30 – 4:30	
9:30	Welcome	
9:35	General RCMT Items	
10:00	Announcement of Makah tribe	
10:15	RMPC /RMIS: Status of datasets	
10:45	break	
11:00	RMPC /RMIS: other announcements	
11:15	California Ocean Salmon Project CWT Recovery Process	
12:00	Lunch	
1:30	All Agency Updates	
3:00	Update on PSC Data Exchange Projects & 2025+ Workplan	
3:45	Northwest Marine Technology	
4:30	Adjourn	



Review Agenda

Approx times (PDT)

Day 2	9:00 – 11:30	Day 3	9:00 – 11:00
9:00	Welcome	9:00	Welcome
9:00	Update Presentation from PSC SFEC Committee	9:00	Fishing Regulation database prototype
10:00	California: New Hoopa Valley Tribal Hatchery & Reestablishment of Coho	9:45	Current Status on Updating the 2011 Regional Coordination & Agreements
11:00	break	10:15	break
11:15	Recruitment & Retention of CWT Field Staff	10:30	Continued.. Current Status on Updating the 2011 Regional Coordination & Agreements
12:15	California Spring Chin Reintroduction on San Joaquin R	11:45	Summarize action items and next steps
1:15	Adjourn Day 2	~12:30	Adjourn
1:15+	Lunch + Afternoon Field-trip		Event / departures
	visit to restaurant; no-host dinner		



General RMPC Items

- Membership Update
 - Special welcome to new representatives
 - Recently retired member representatives
 - 30-day notice received to terminate entity membership



2026: indicate dates to avoid for end of April / May 2026

Future Meetings

2026 Boise Idaho (confirm)

- 2-day meeting
 - With travel before Day 1?
With 9:30 PT start time Day1?
 - Travel Day 1, noon start?
 - Date options?

Future locations:

- 2027 TBD
- 2028 Washington or TBD
- 2029 Oregon or TBD



Announcement of New Reporting Agency





Makah Tribe

During October 2024, the RCMT members all responded in support of the Makah Tribe's request, which is summarized below:

- Starting with 2024 recovery data Makah Tribe begin self-reporting all **catch\sample** and **recovery** data for treaty troll areas 3, 4, 5 and mixed net & seine directly to RMIS.
- NWIFC will continue reporting Makah hatchery releases and hatchery CWT recoveries (no change to current process)
- Prefix 21 will continue to be used by the Makah Tribe (no change to current process)
- Tiffany Peterson from Makah will coordinate with WDFW (Gil Lensegrav) and NWIFC (Ash Shaffer) as needed
- At this time there will be no changes to previously submitted **catch\sample** and **recovery** data records



Dan Webb

2025 CWT Data Status



Locations

Load Dates of Location Data

Click on Buttons for Additional Information

From CWT Database Load Logs
By Reporting Agency as of Tue Apr 15 10:11:17 2025

Dataset Process Dates & Status
■ = Fully Validated & Available
■ = Partially Validated (has 1 or more errors)

Explanation:
[? Help](#)

ADFG	CDFO	CDFW	IDFG	NMFS	ODFW	WDFW
2025/03/04	2025/02/05	2024/12/09	2023/10/24	2020/12/14	2024/03/07	2025/04/08



Releases

Load Dates of Release Data

Click on Buttons for Additional Information

From CWT Database Load Logs
By Reporting Agency as of Tue Apr 15 10:13:05 2025

Dataset Process Dates & Status

■

 = Fully Validated & Available

■

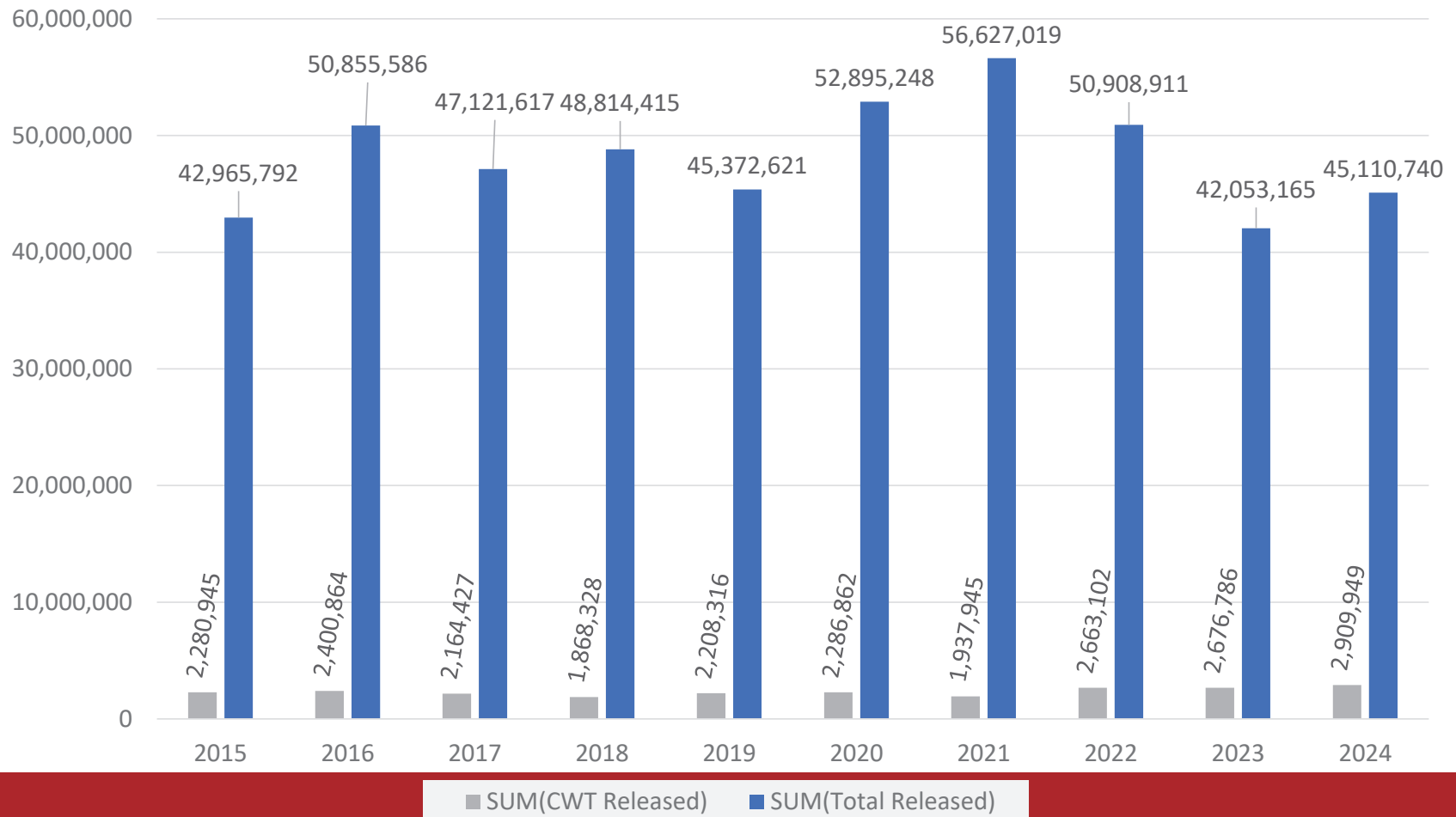
 = Partially Validated (has 1 or more errors)

Explanation:
[? Help](#)

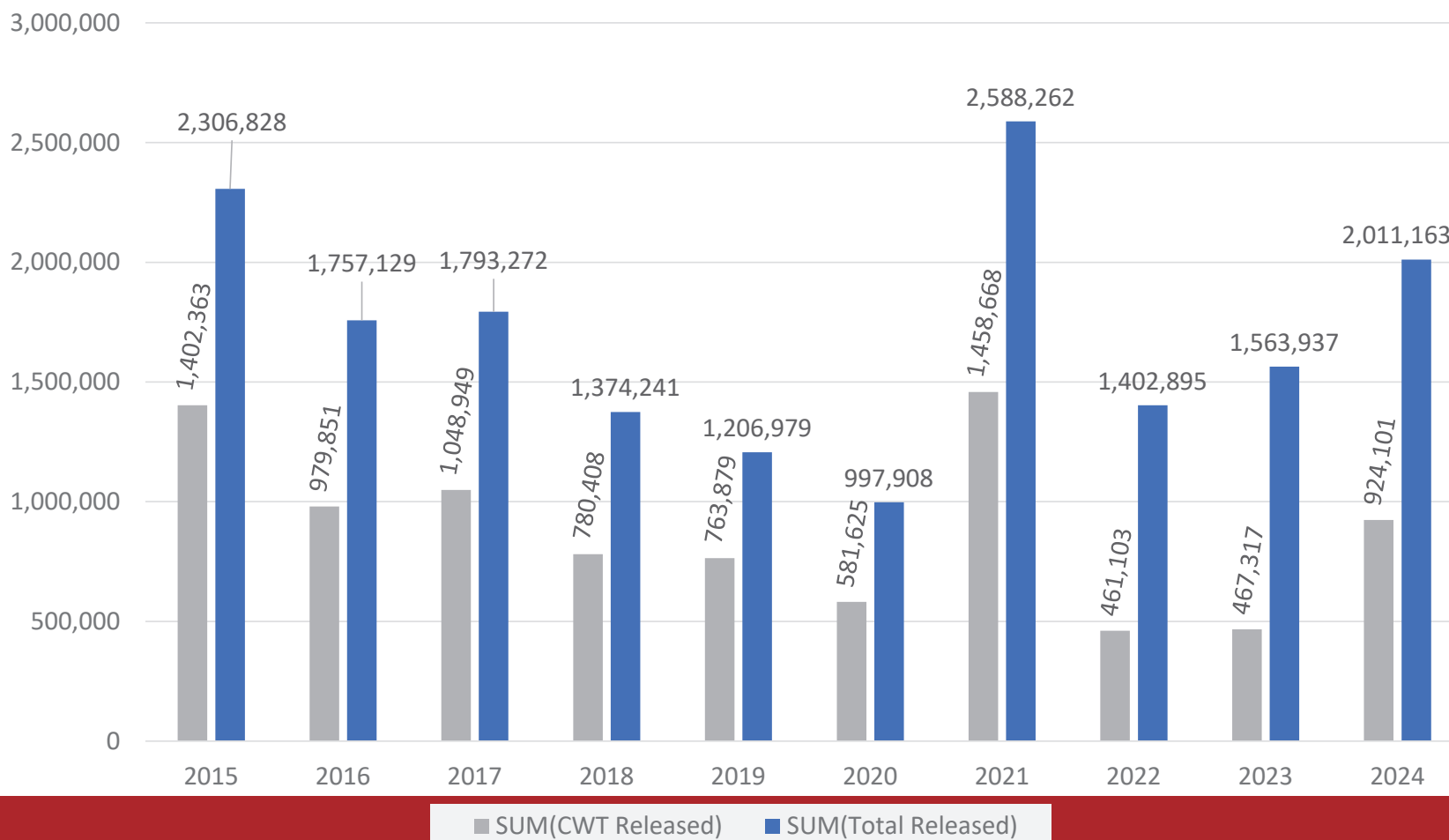
ADFG	CDFO	CDFW	CCT	CRITFC	CTUIR	IDFG	NMFS	NPT	NWIFC	ODFW	QDNR	STIL	USFWS	WDFW	YAKA
2025/03/04	2025/02/05	2025/04/10	2025/01/08	2025/02/20	2025/04/08	2025/04/10	2024/10/21	2025/01/14	2025/01/09	2025/01/22	2024/07/23	2025/01/24	2025/04/01	2025/04/07	2024/10/21



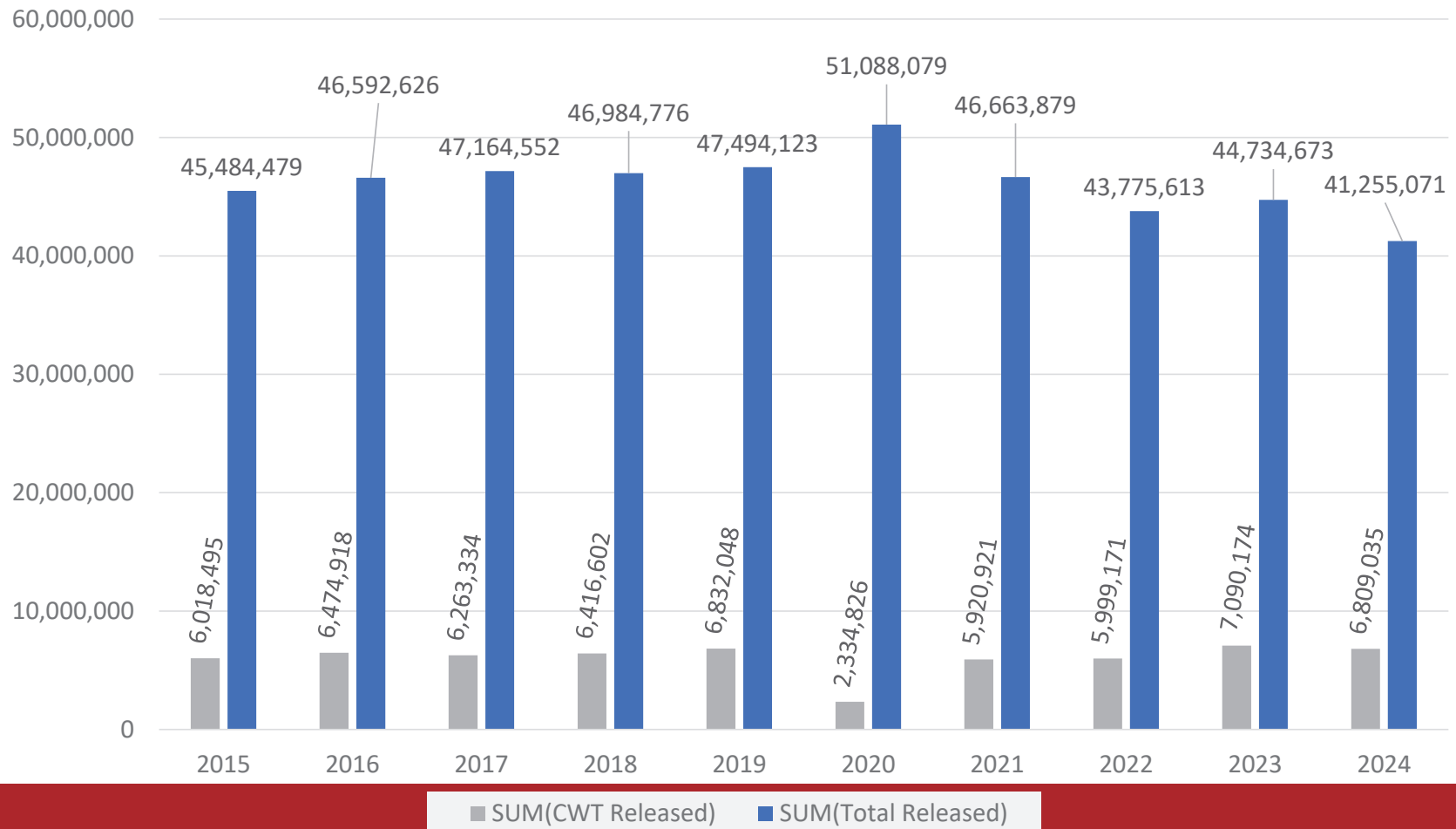
ADFG - Alaska Department of Fish and Game Reported Releases (Chinook & Coho)



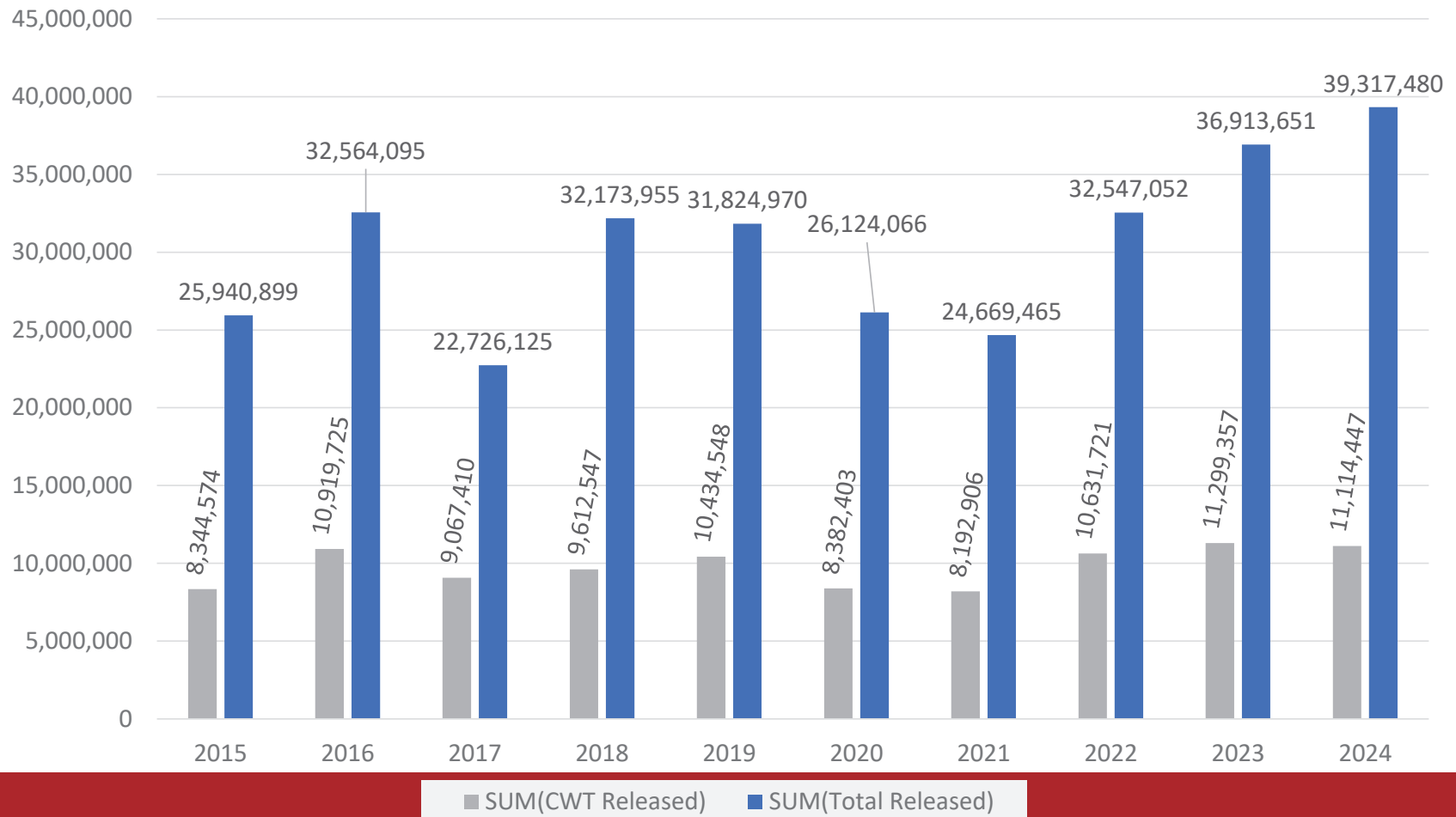
CCT - Colville Confederated Tribes Reported Releases (Chinook)



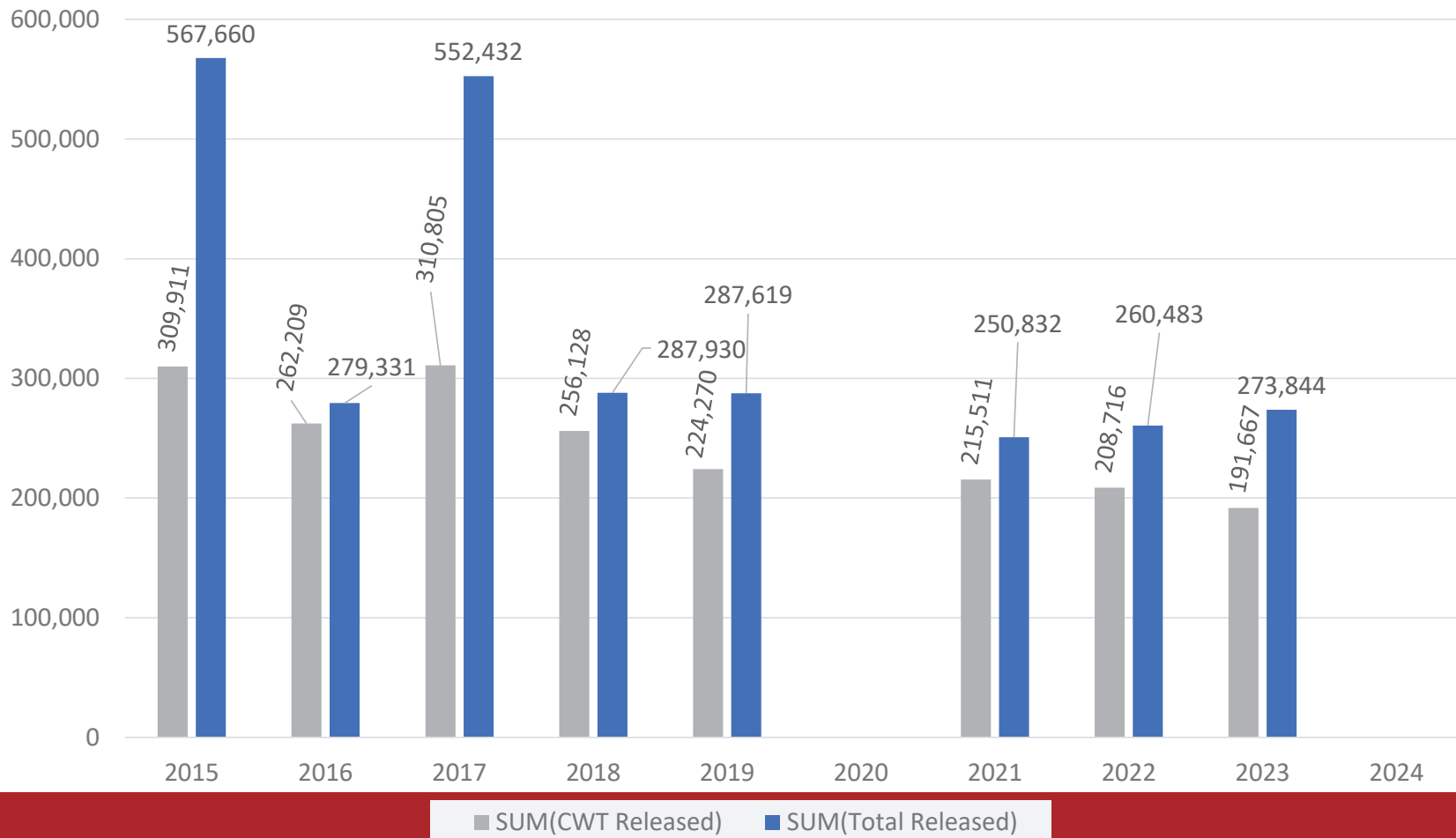
CDFO - Fisheries and Oceans Canada
Reported Releases (Chinook, Coho & Steelhead)



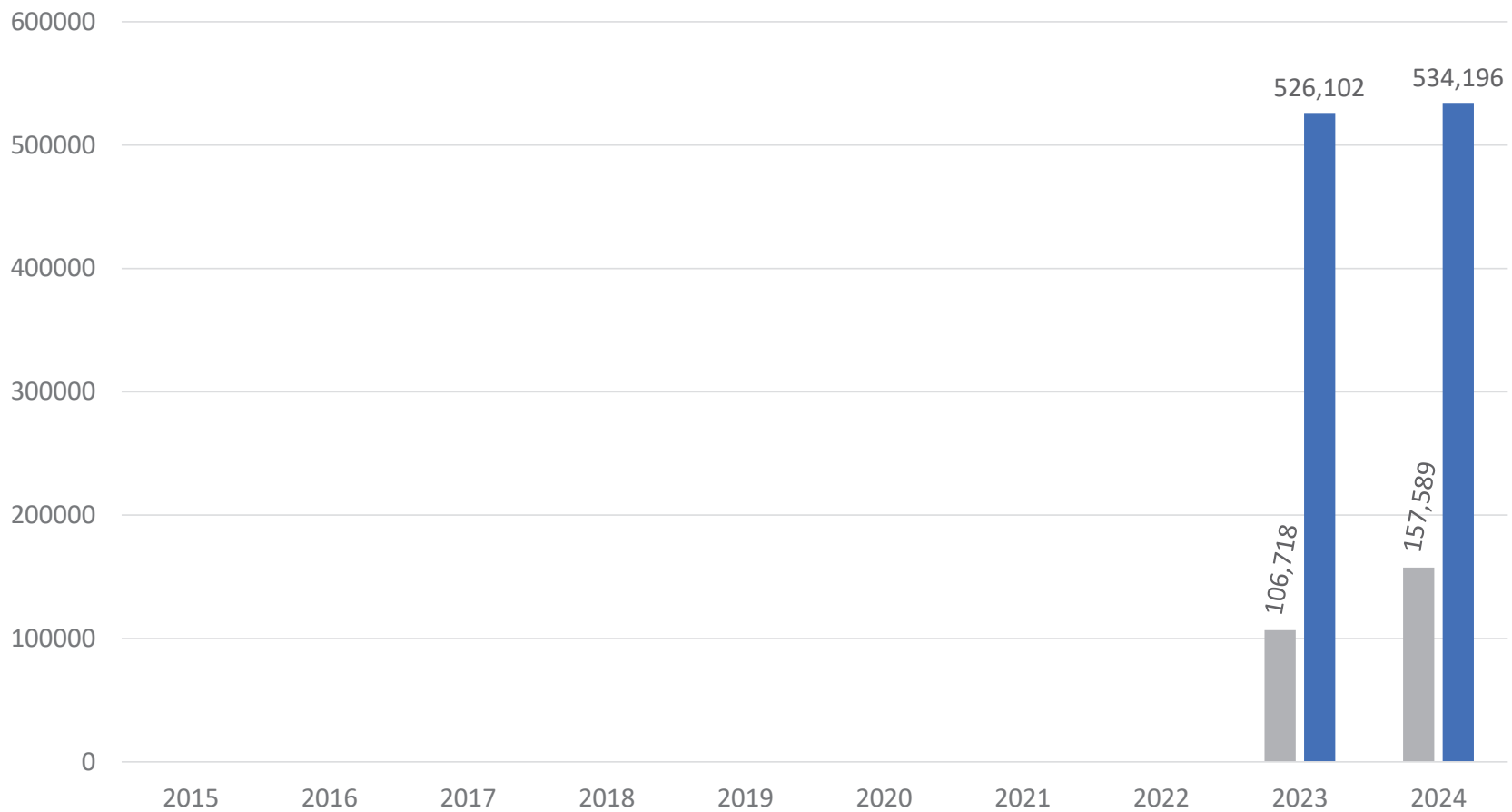
CDFW - California Department of Fish and Wildlife
Reported Releases (Chinook, Coho & Steelhead)



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



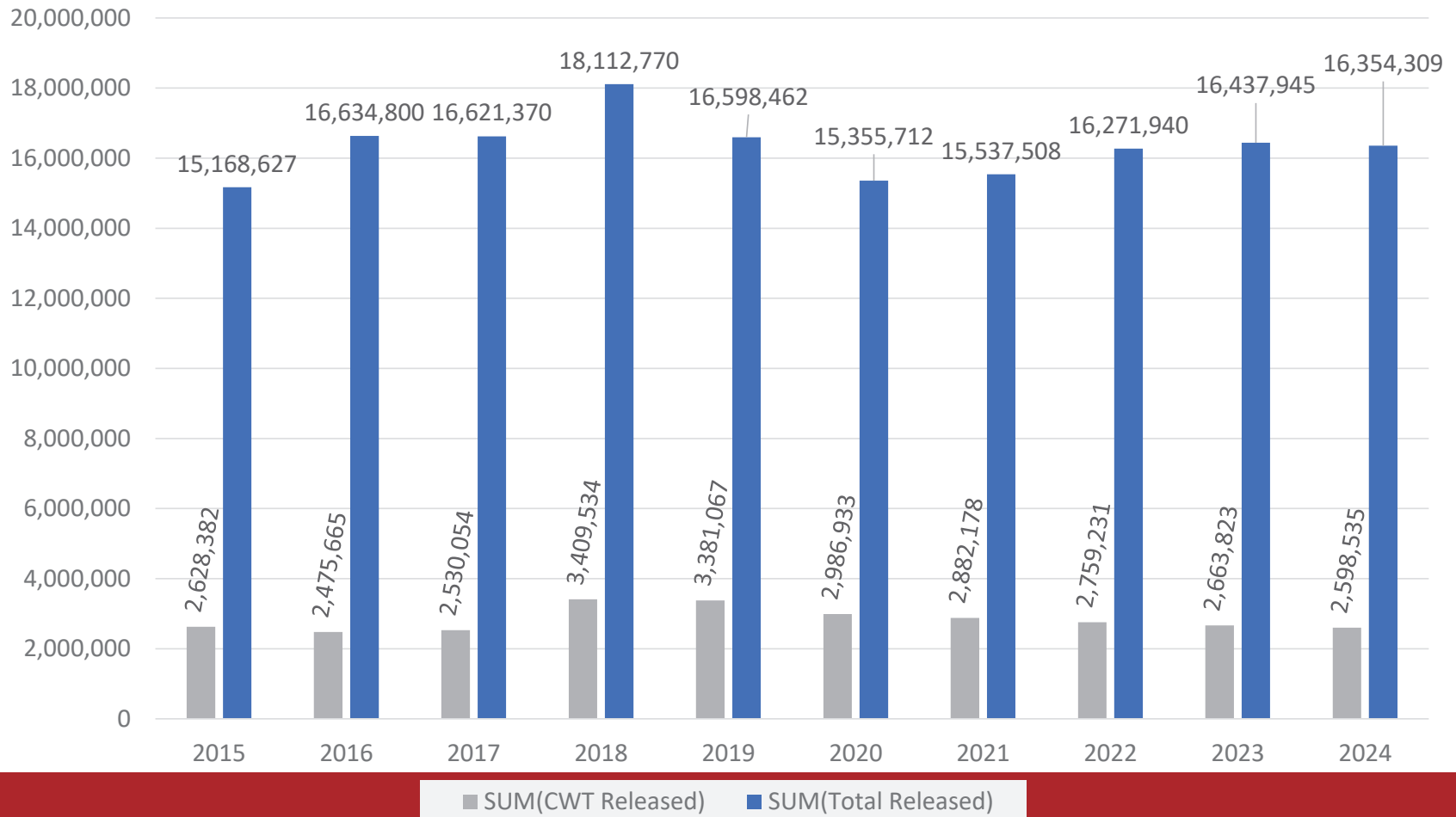
CTUIR - Columbia River Inter-Tribal Fish Commission Reported Releases



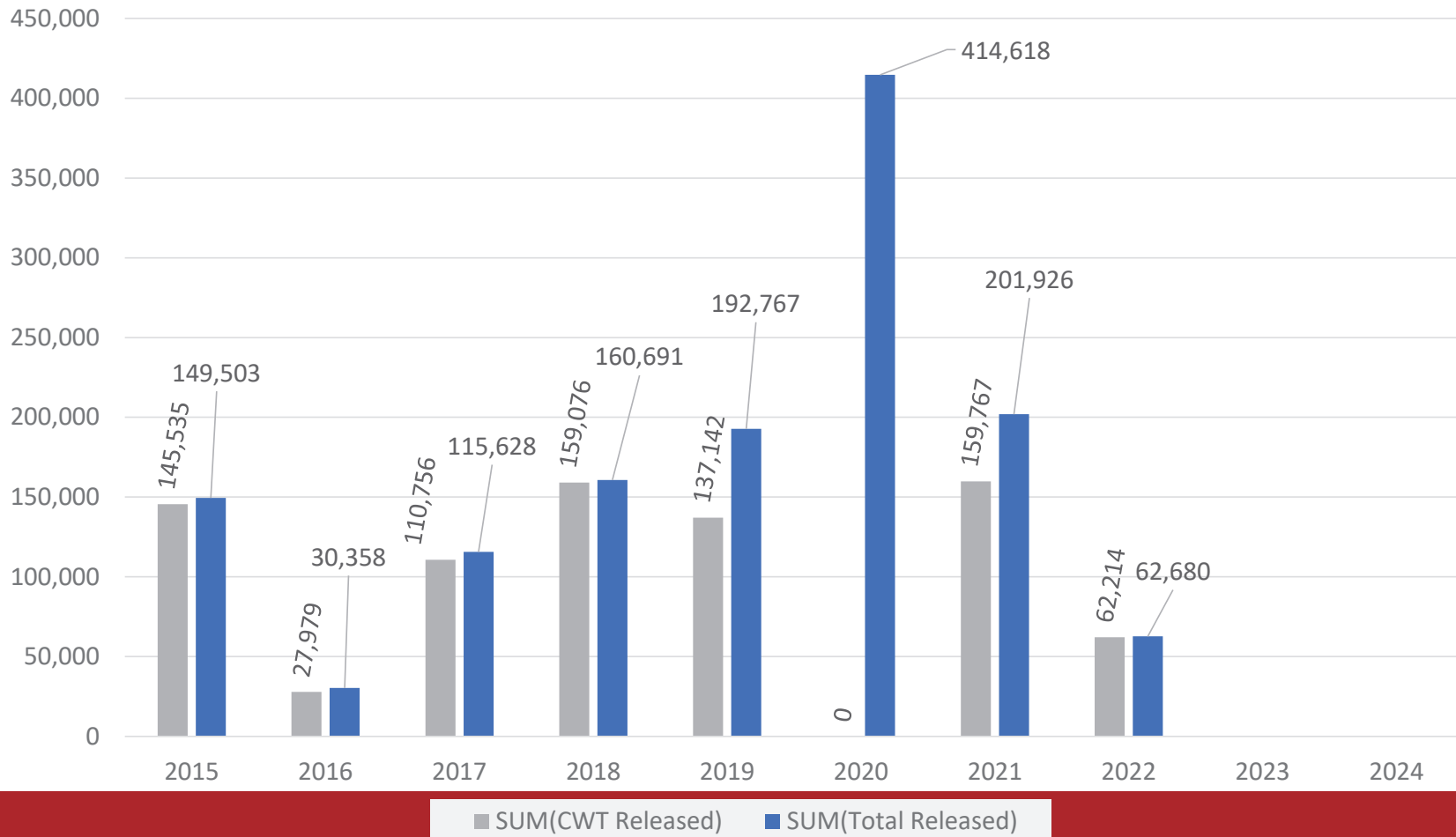
■ SUM(CWT Released) ■ SUM(Total Released)



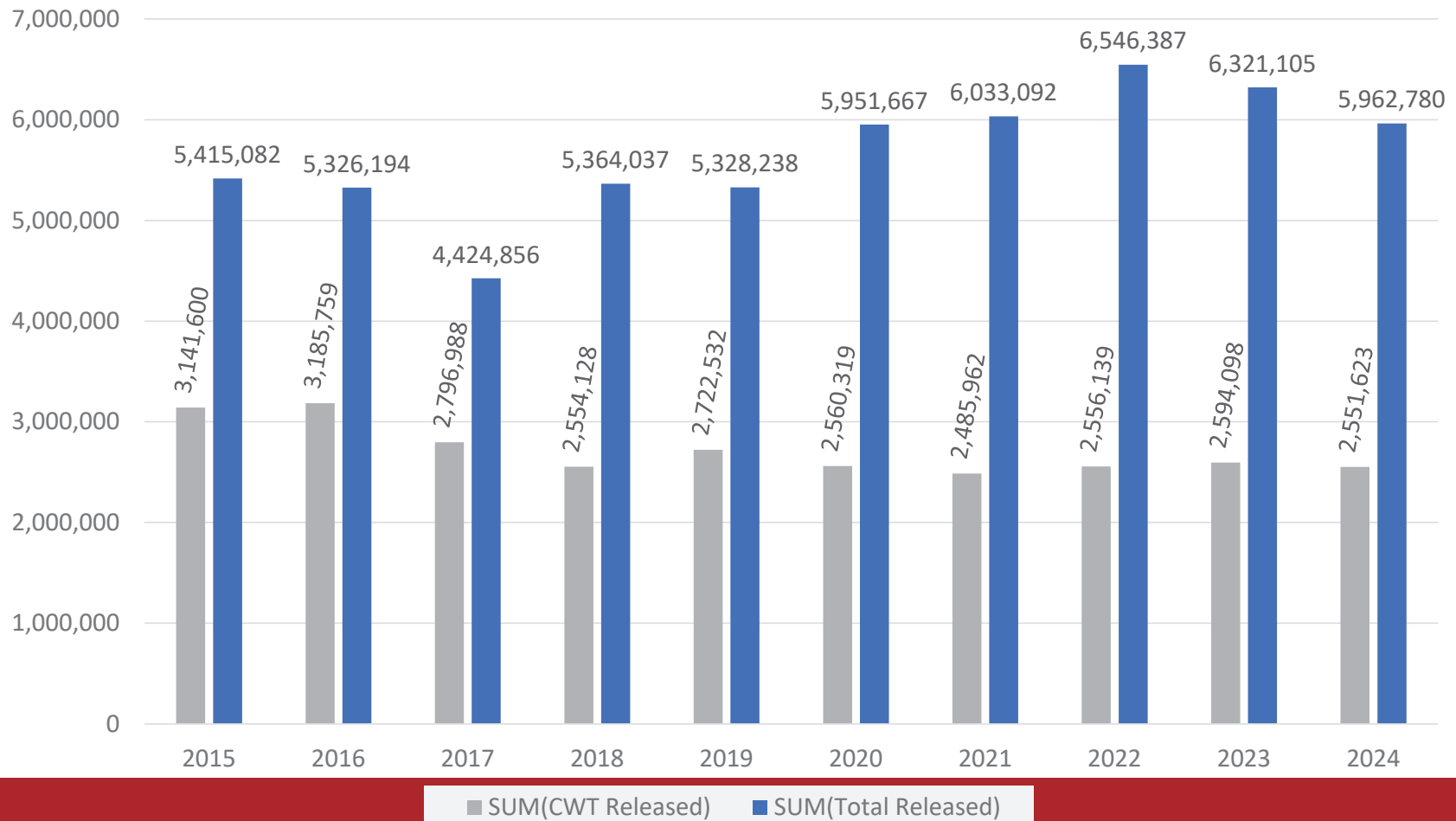
IDFG - Idaho Department of Fish and Game Reported Releases (Chinook & Steelhead)



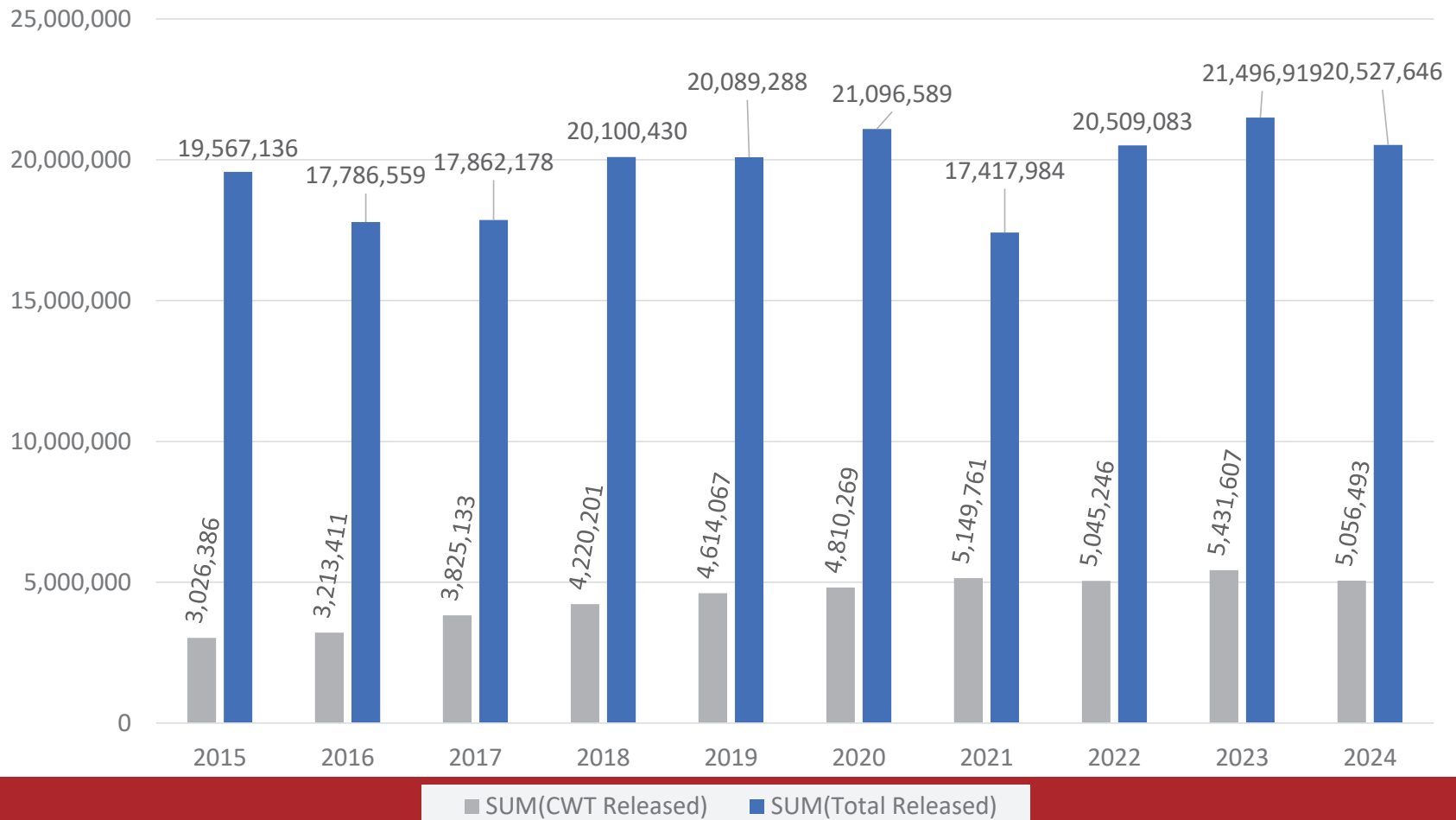
NMFS - National Marine Fisheries Service
Reported Releases (Chinook)



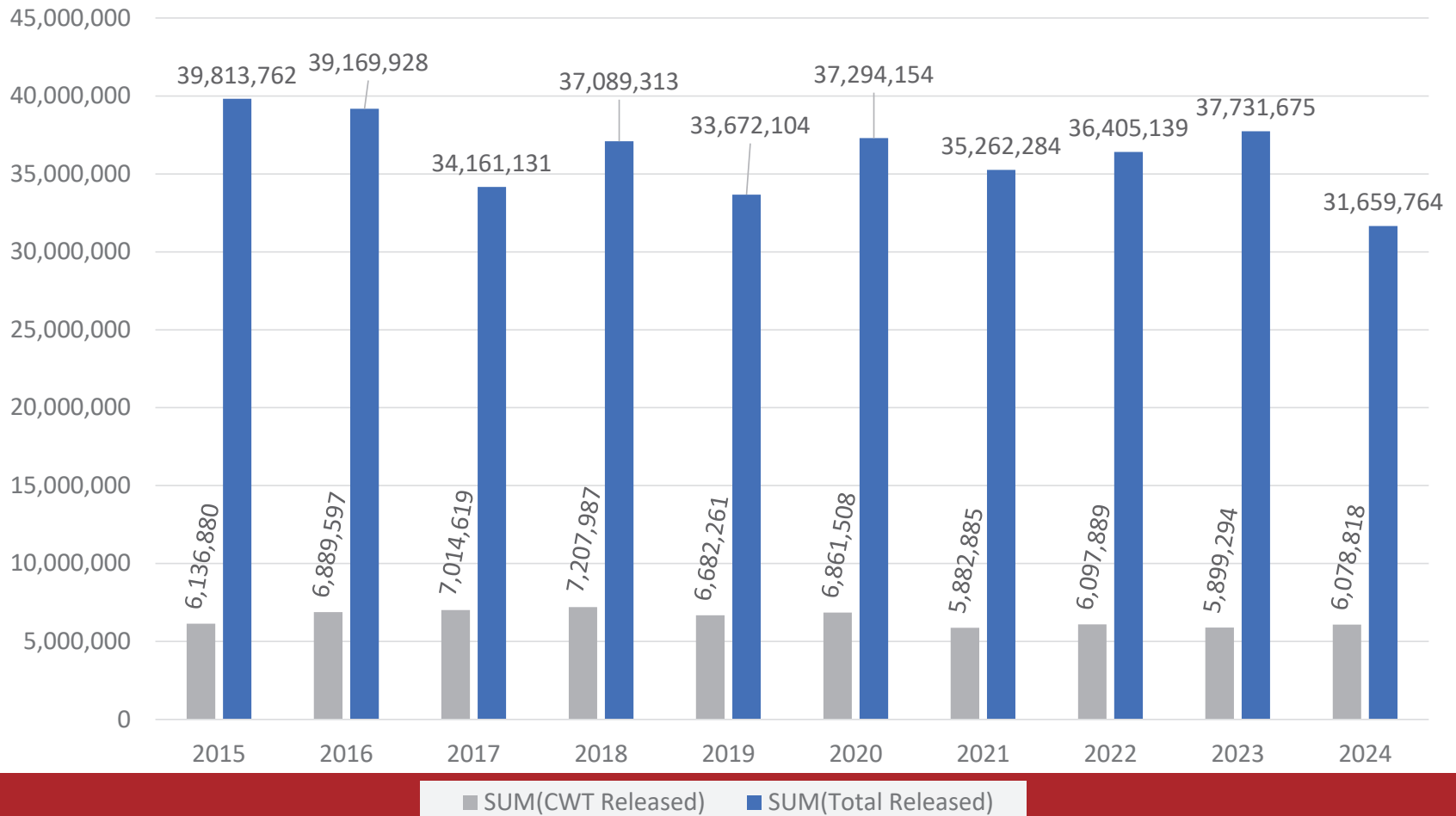
**NPT - Nez Perce Tribe
Reported Releases (Chinook & Coho)**



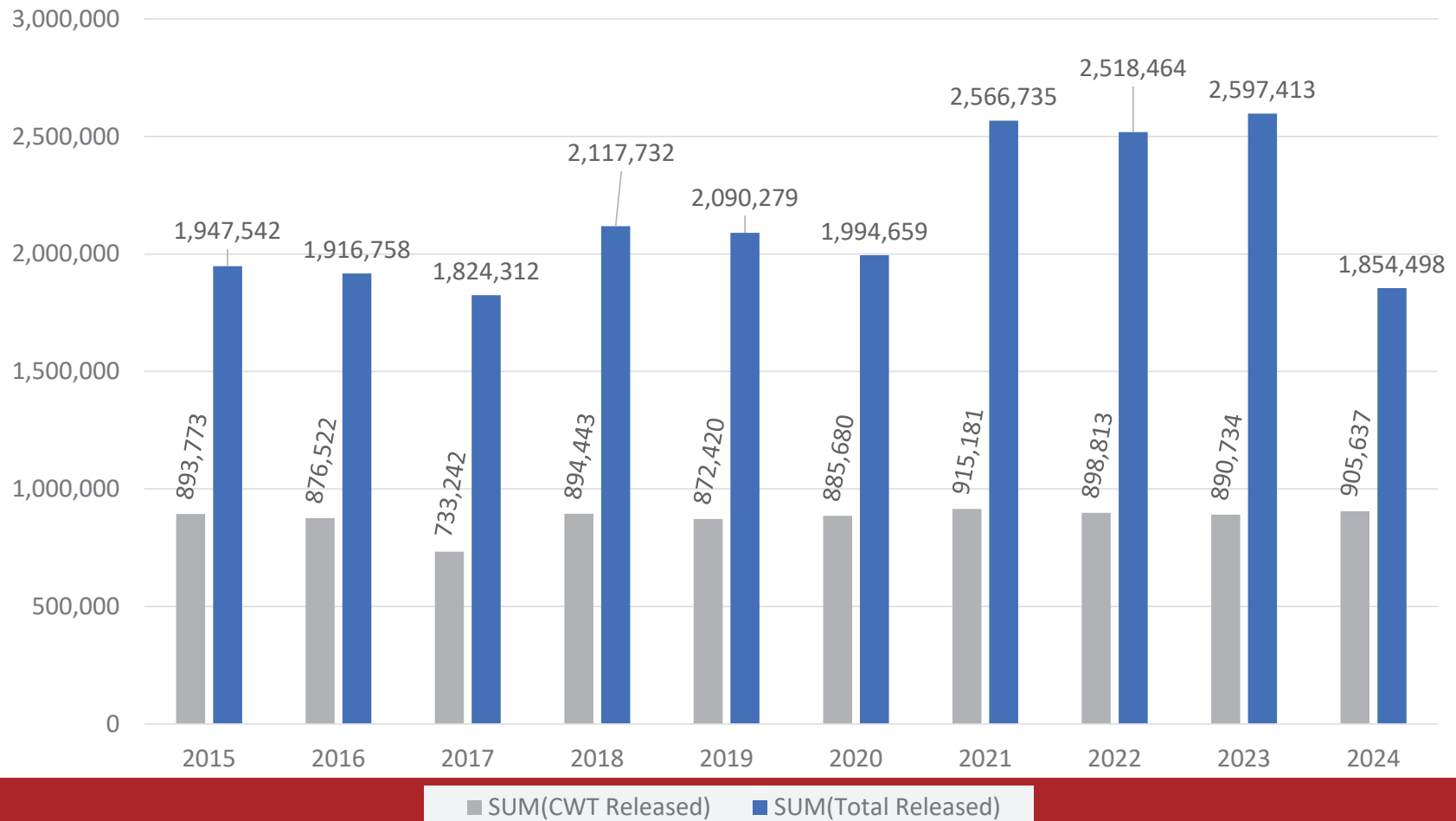
NWIFC - Northwest Indian Fisheries Commission Reported Releases (Chinook, Coho & Steelhead)



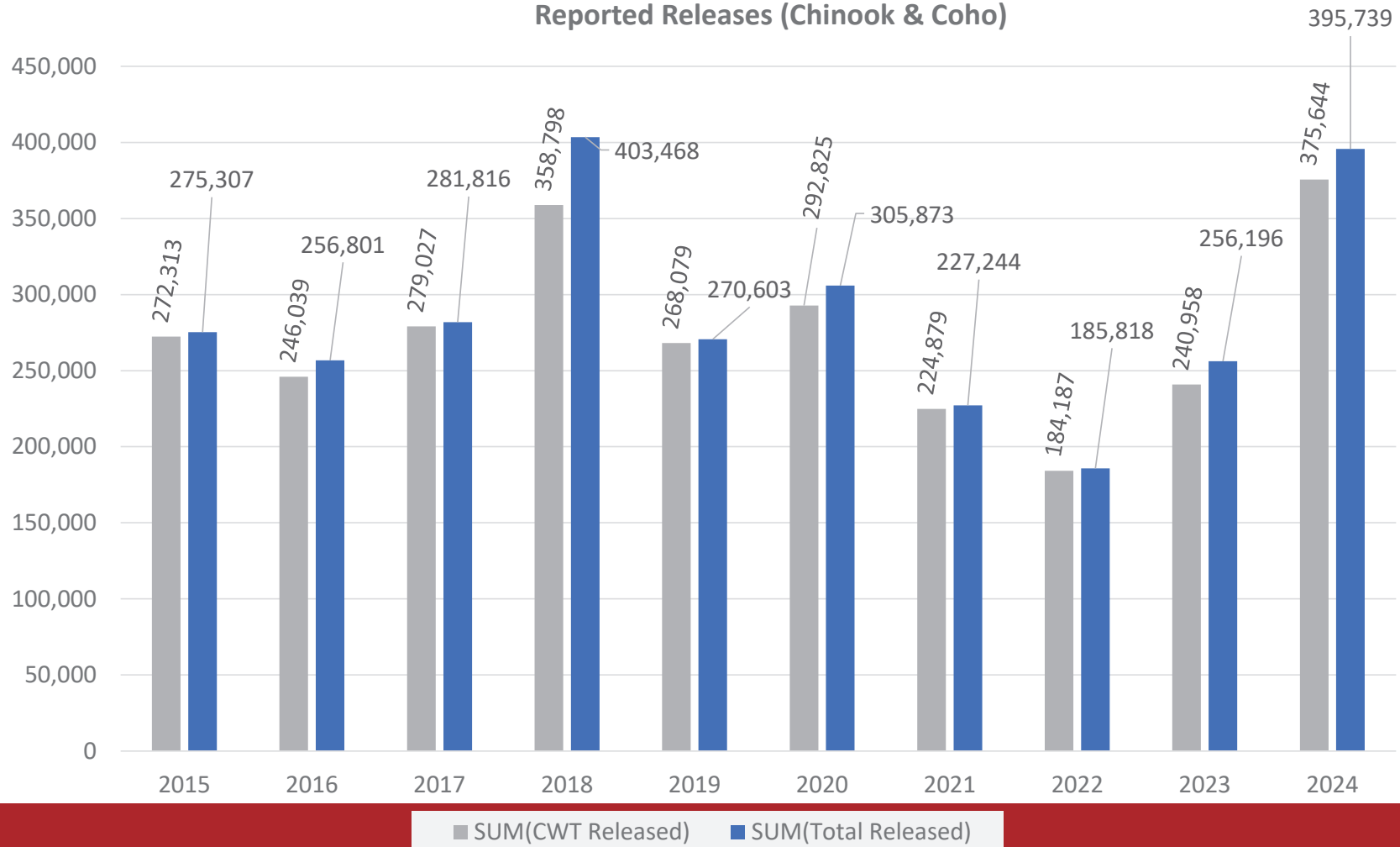
ODFW - Oregon Department of Fish and Wildlife Reported Releases (Chinook, Coho & Steelhead)



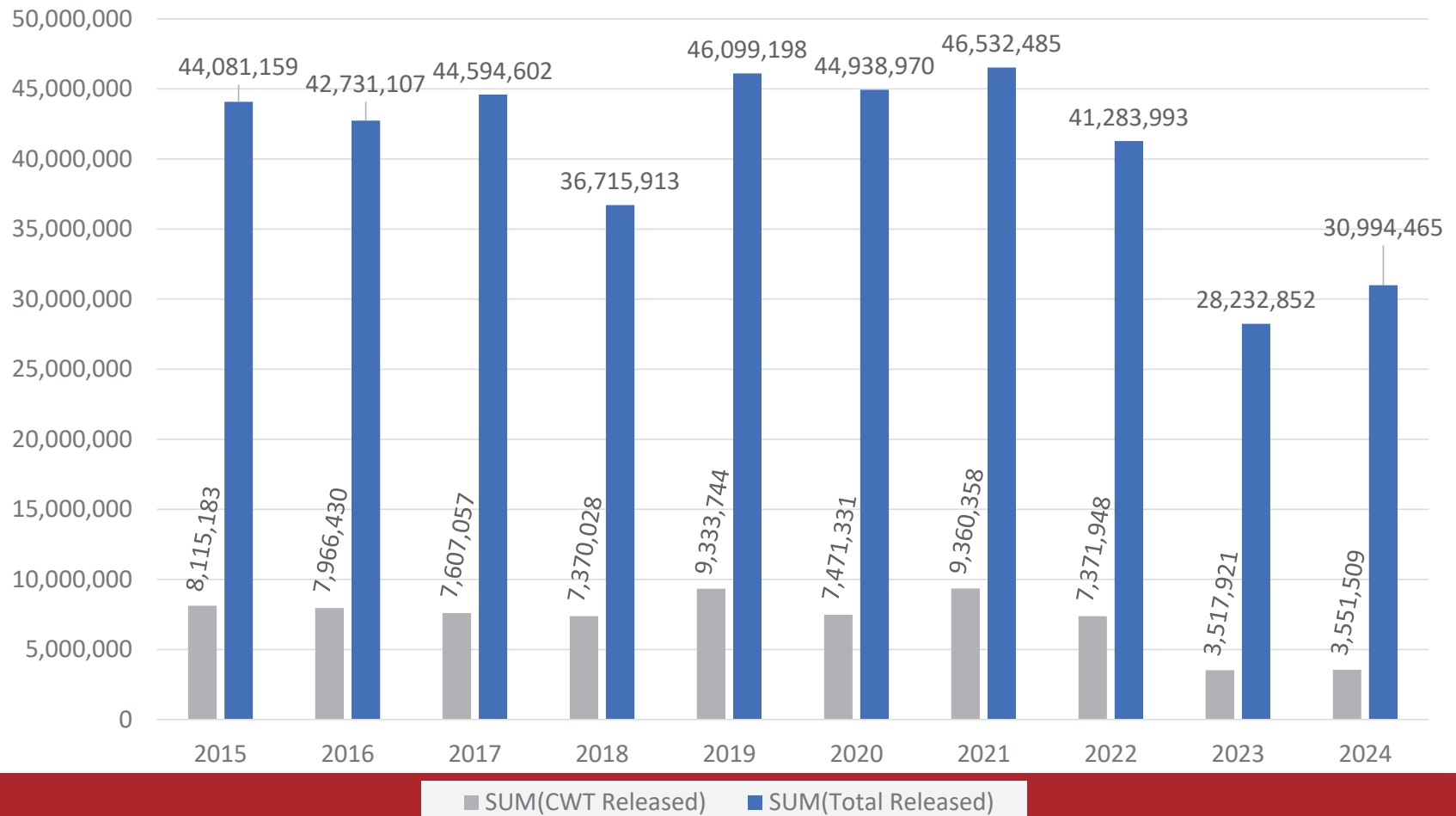
QDNR - Quinault Division of Natural Resources
Reported Releases (Chinook, Coho & Steelhead)



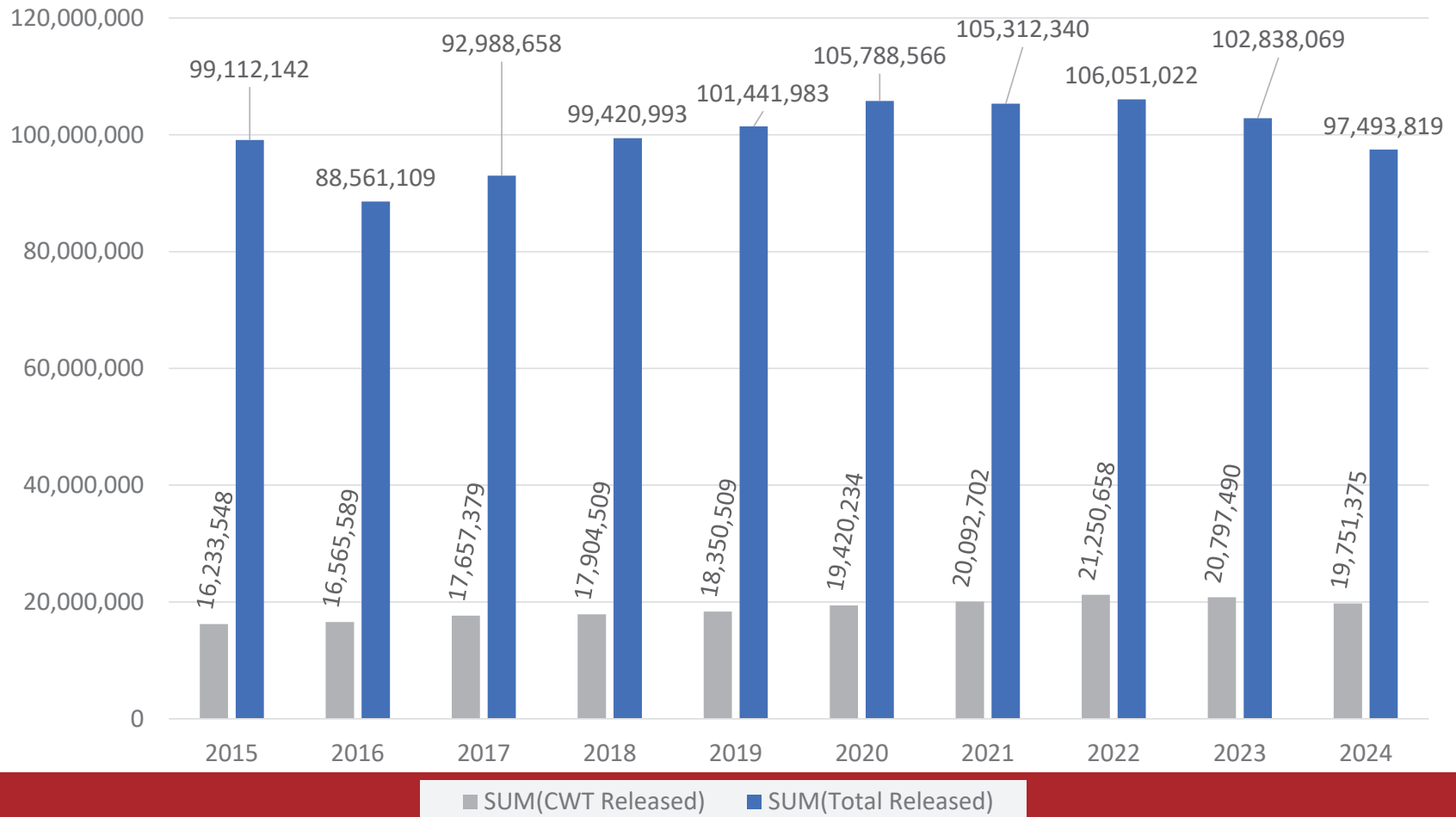
**STIL - Stillaguamish Tribe of Indians
Reported Releases (Chinook & Coho)**



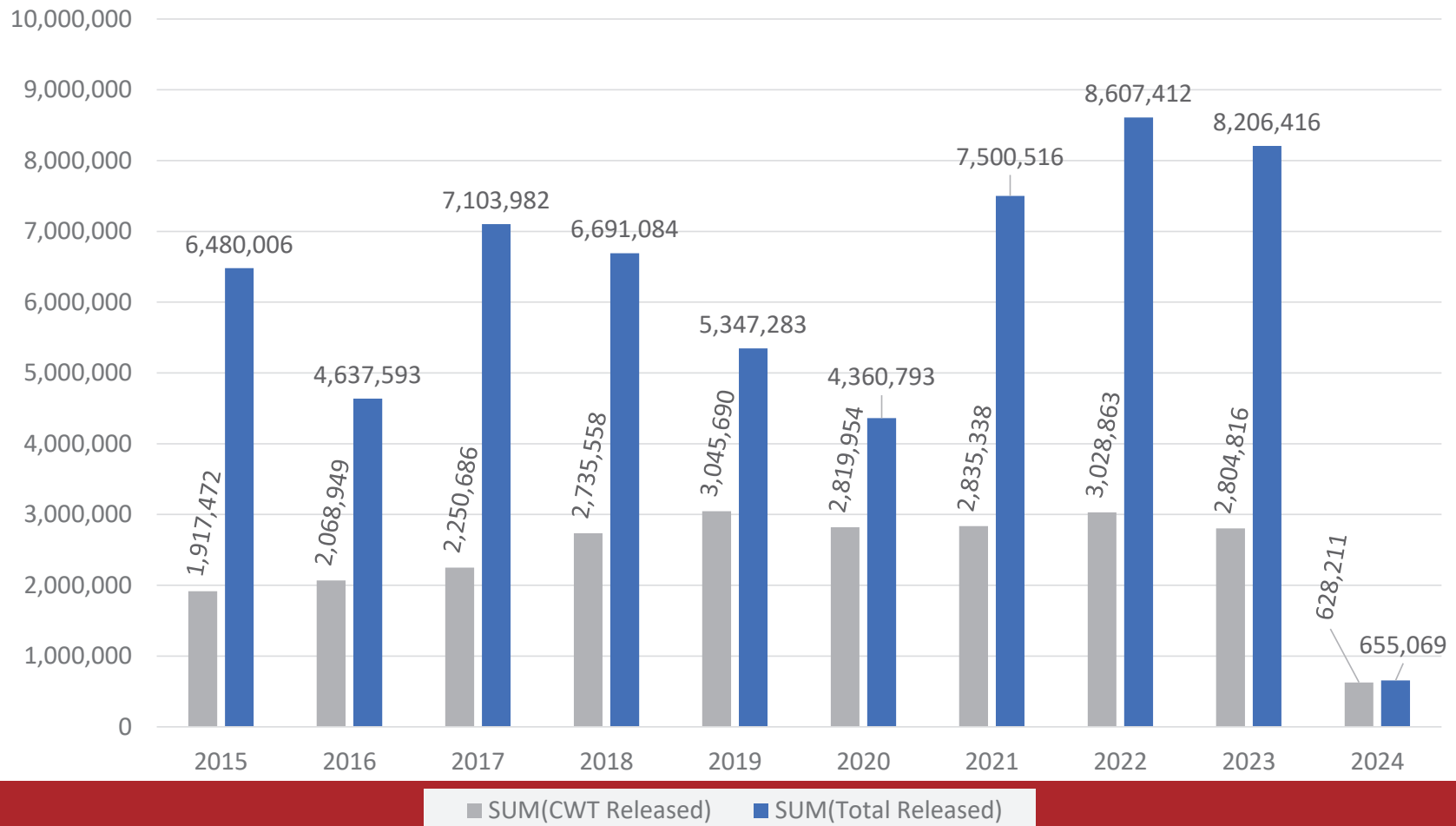
USFWS - U.S. Fish and Wildlife Service
Reported Releases (Chinook, Coho & Steelhead)



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



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



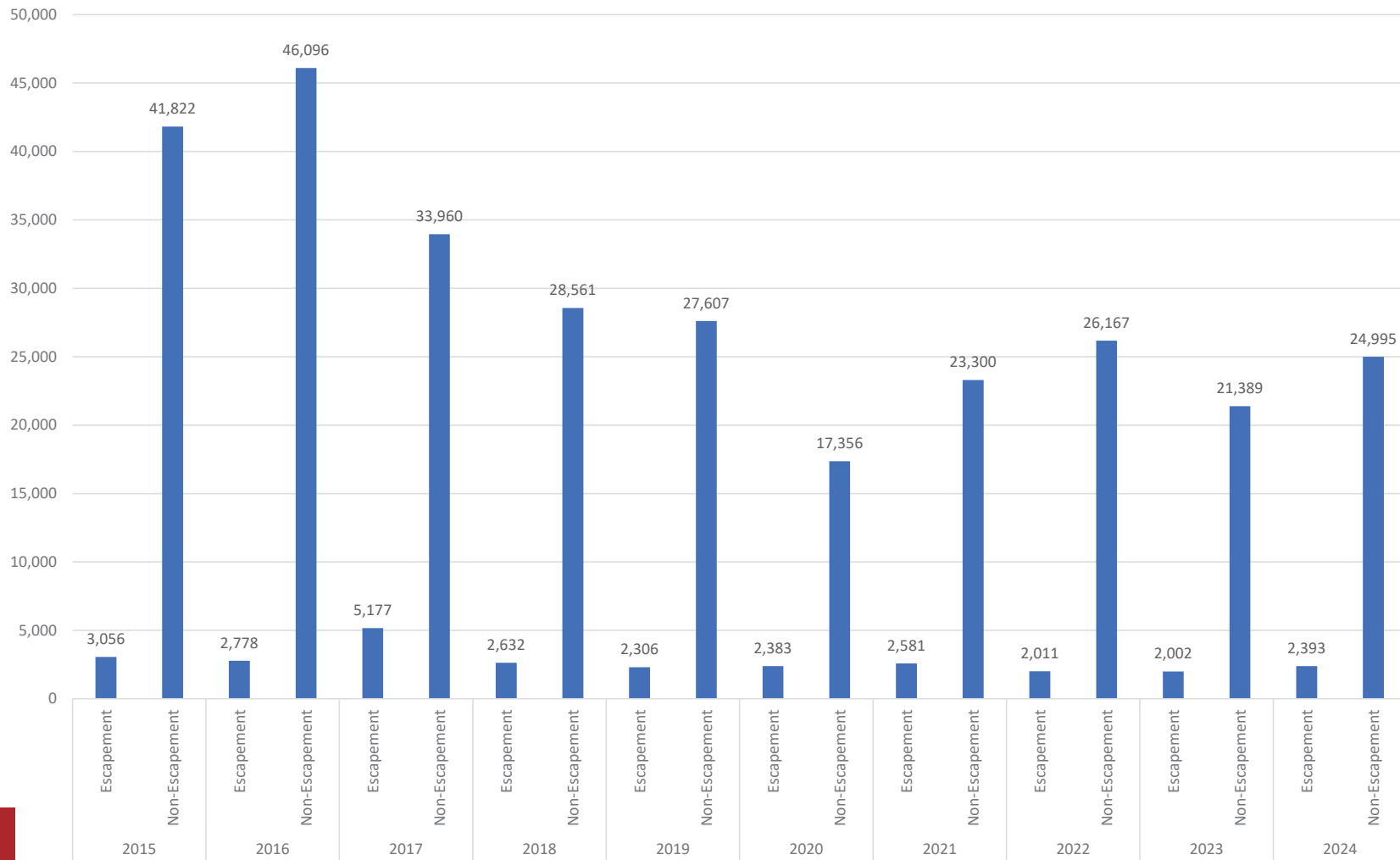
Recoveries

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

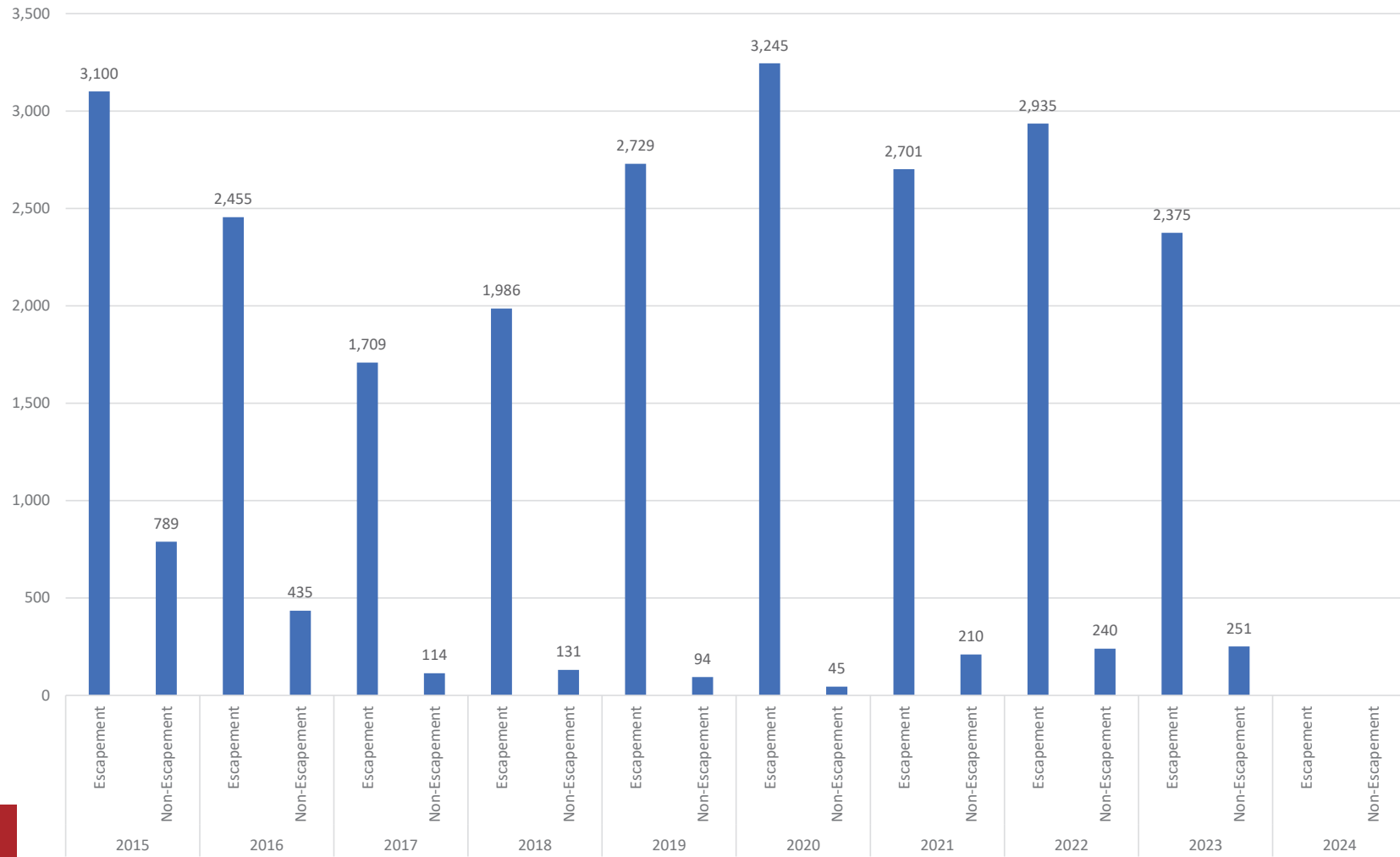
From CWT Database Load Logs
By Run Year and Reporting Agency as of Tue Apr 15 10:14:00 2025

Year	ADFG	CDFO	CDFW	CCT	IDFG	NMFS	NMFSNWR	NPT	NWIFC ◊	ODFW	QDNR	STIL ◊	USFWS	WDFW	YAKA ◊	YTFP	Year
2024	2025/01/15	2025/02/05	Expected Pending	Expected Pending	2025/02/27	2025/03/17	Expected Pending	Expected Pending	Not Applicable	2025/02/24	Expected Pending	Not Applicable	2025/03/27	2025/04/11	Not Applicable	Unknown	2024
2023	2024/01/29	2025/02/05	2024/12/23	2024/06/05	2024/07/18	2024/05/15	Expected Pending	Expected Pending	2025/01/08	2024/09/05	2024/10/30	2025/01/23	2024/11/25	2025/03/05	Expected Pending	Unknown	2023
2022	2023/08/07	2025/02/05	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	2024/07/01	Expected Overdue	Unknown	2022
2021	2023/08/07	2025/02/05	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	2025/01/17	Expected Overdue	Unknown	2021
2020	2023/08/07	2025/02/05	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	2025/04/02	2021/06/23	Unknown	2020
2019	2023/08/07	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	2024/06/26	2021/06/23	Unknown	2019
2018	2023/08/07	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	2024/06/25	2021/06/23	Unknown	2018
2017	2023/08/07	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	2023/12/27	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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
2004	2023/08/03	2024/01/22	2006/07/11	Not Applicable	2007/04/16	2016/05/18	Unknown	Unknown	2019/02/07	2017/05/05	2006/01/17	Not Applicable	2014/04/22	2013/07/23	2013/05/17	2007/08/17	2004

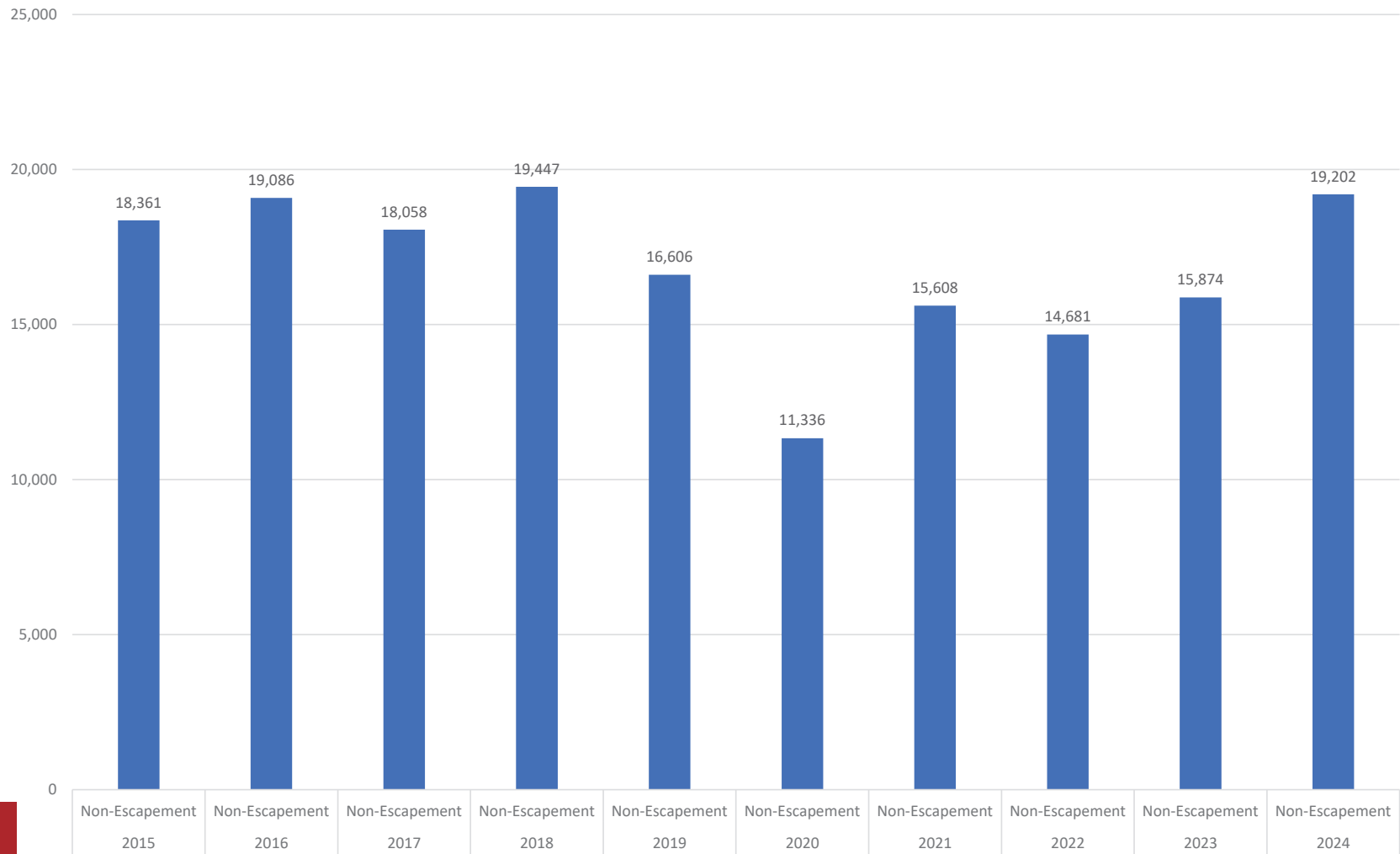
ADFG Reported Recoveries



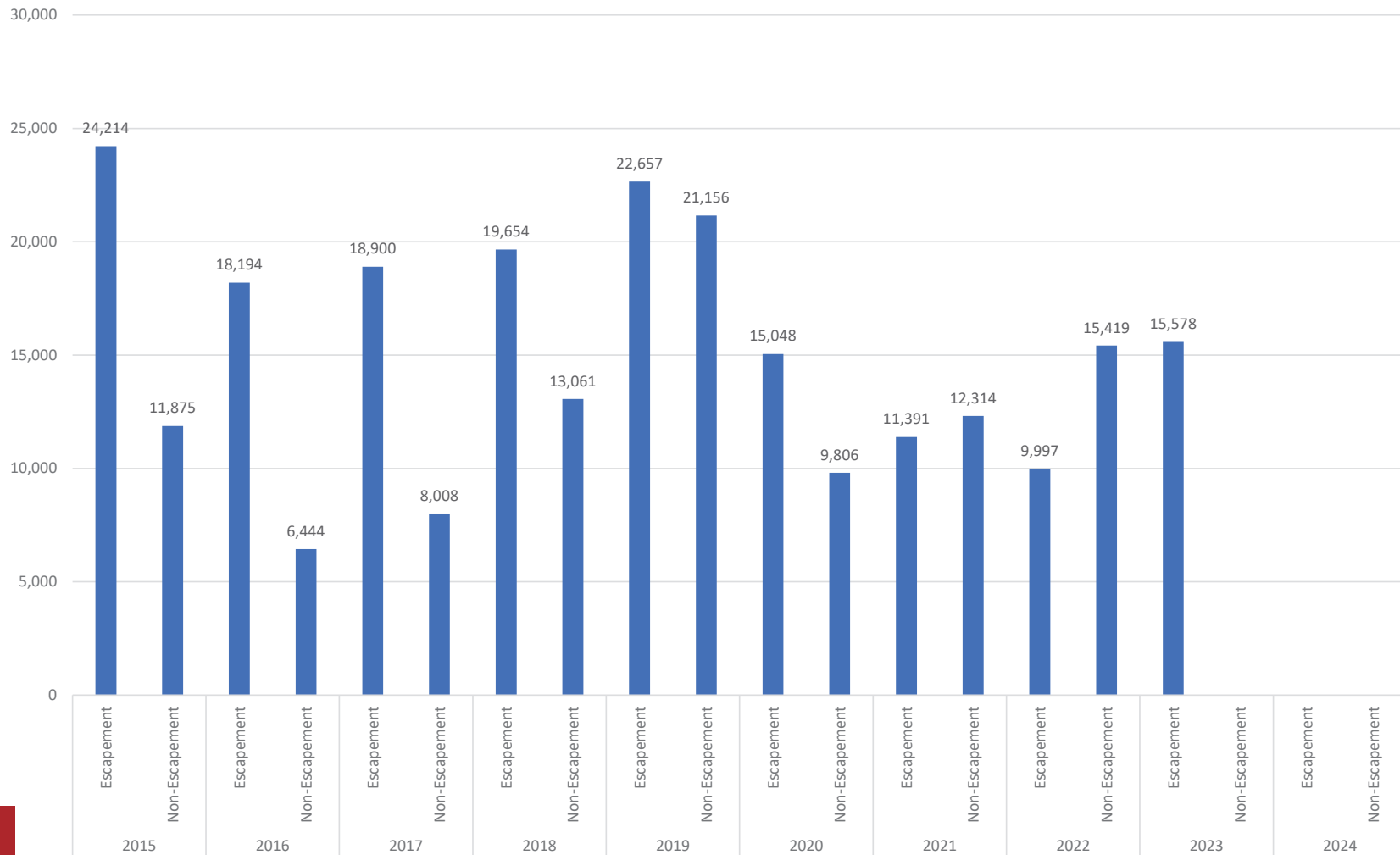
CCT Reported Recoveries



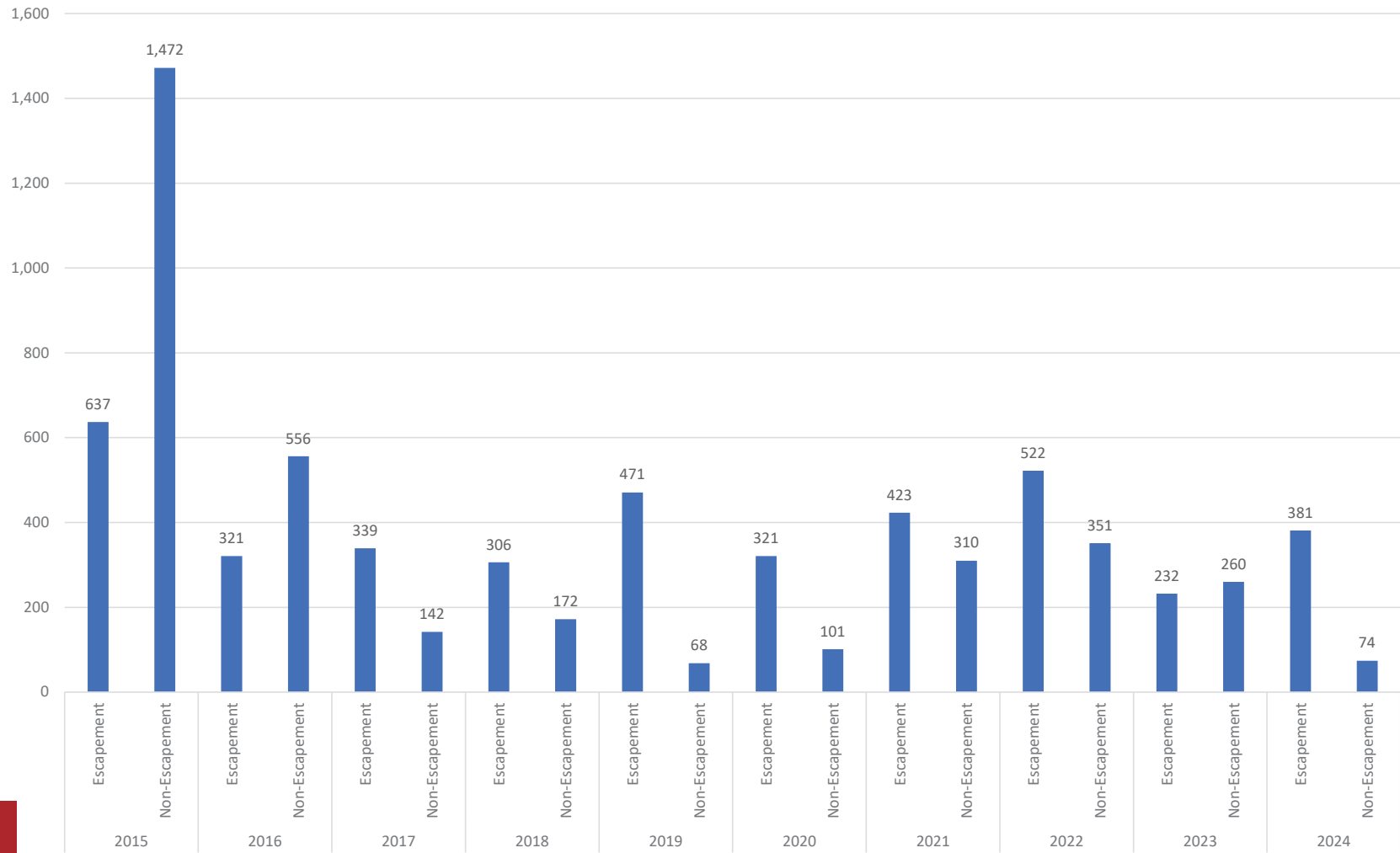
CDFO Reported Recoveries



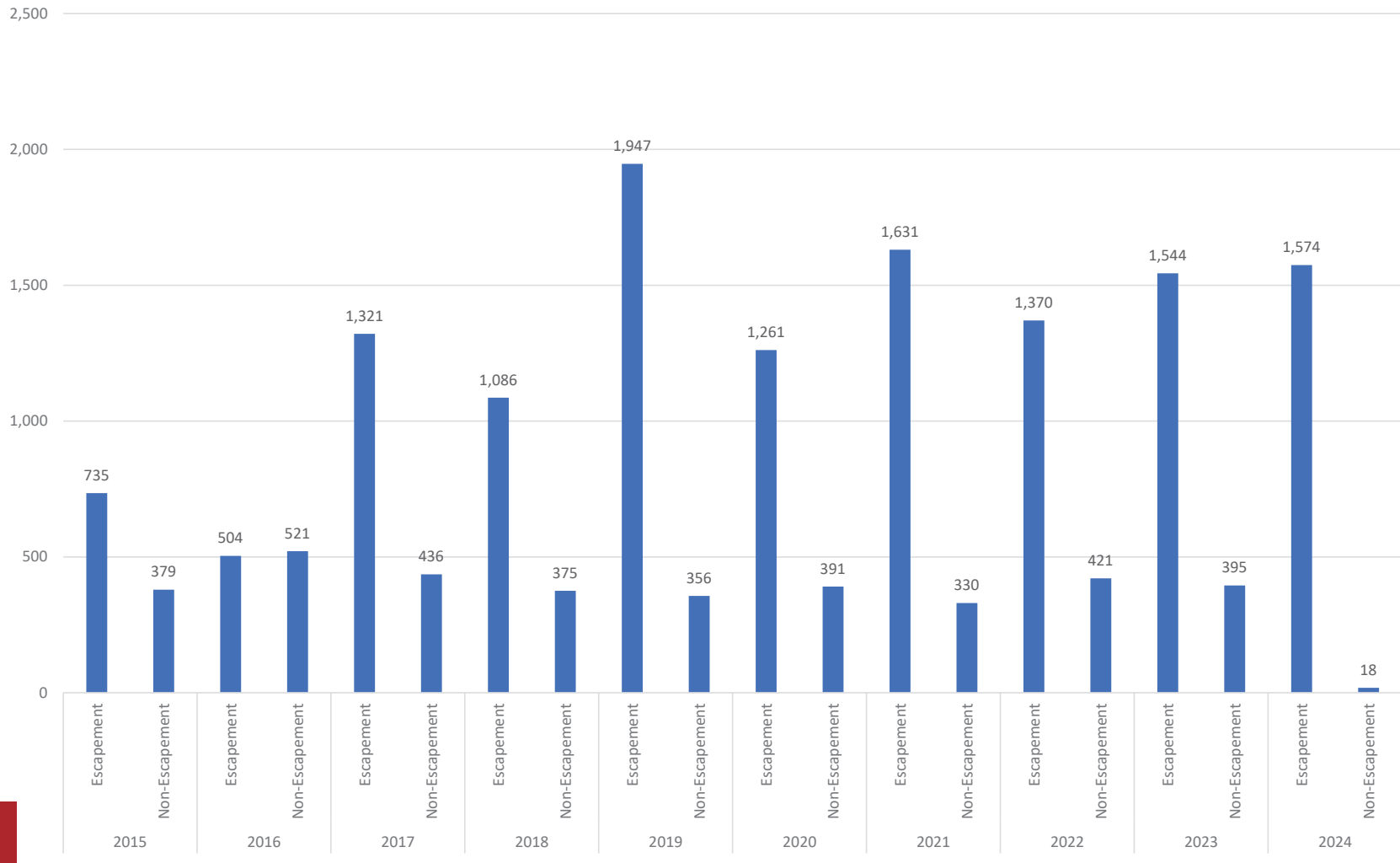
CDFW Reported Recoveries



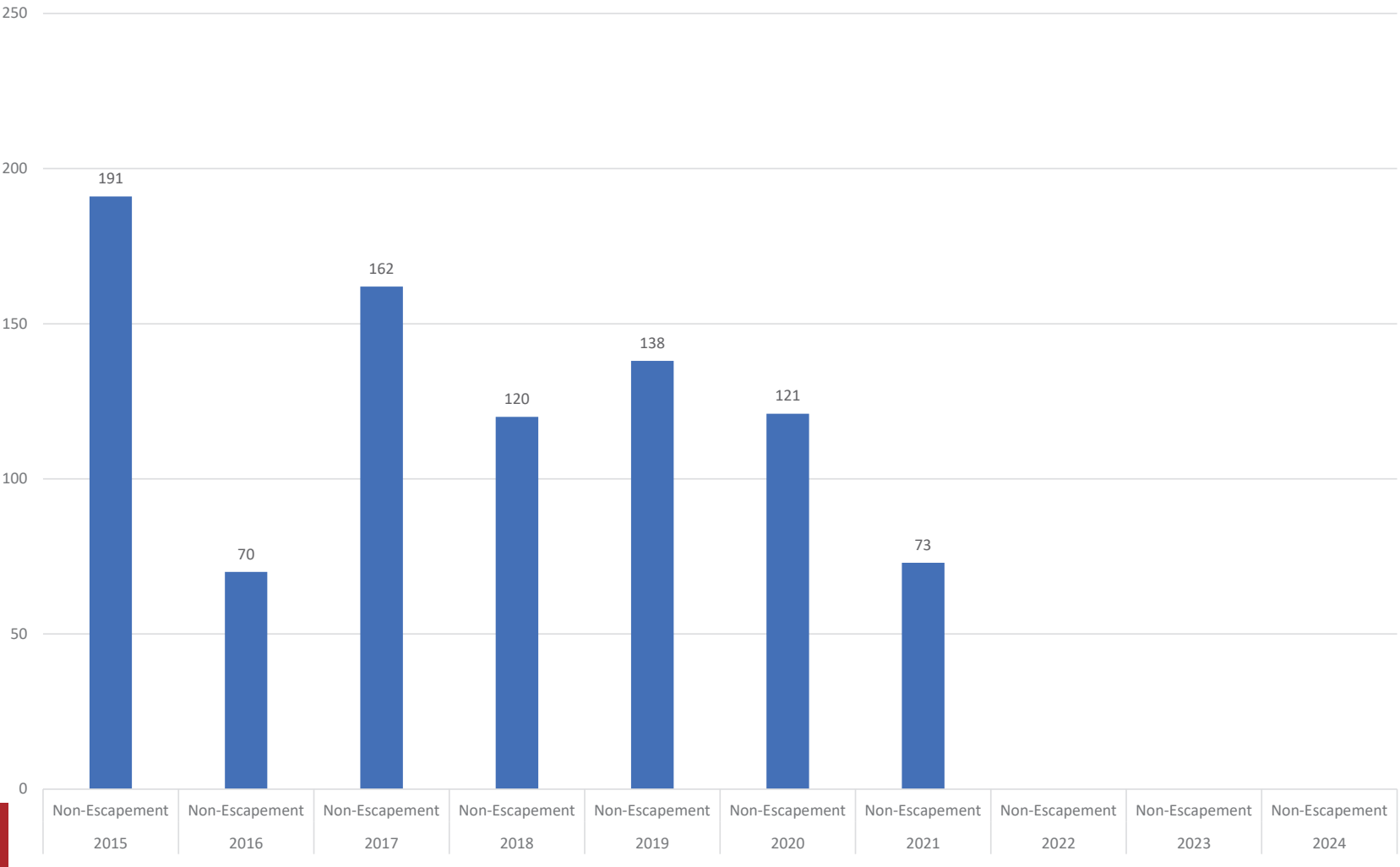
IDFG Reported Recoveries



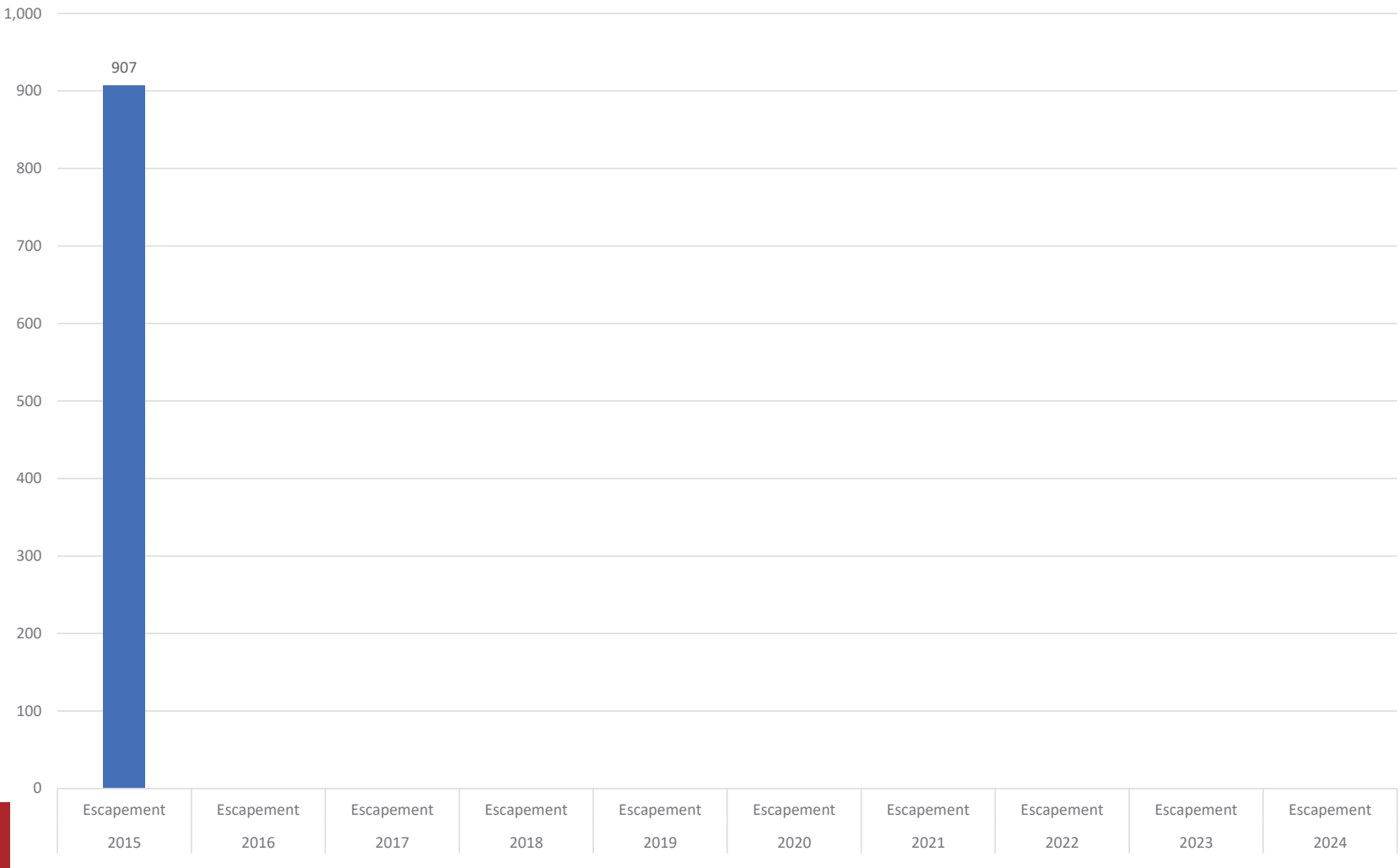
NMFS Reported Recoveries



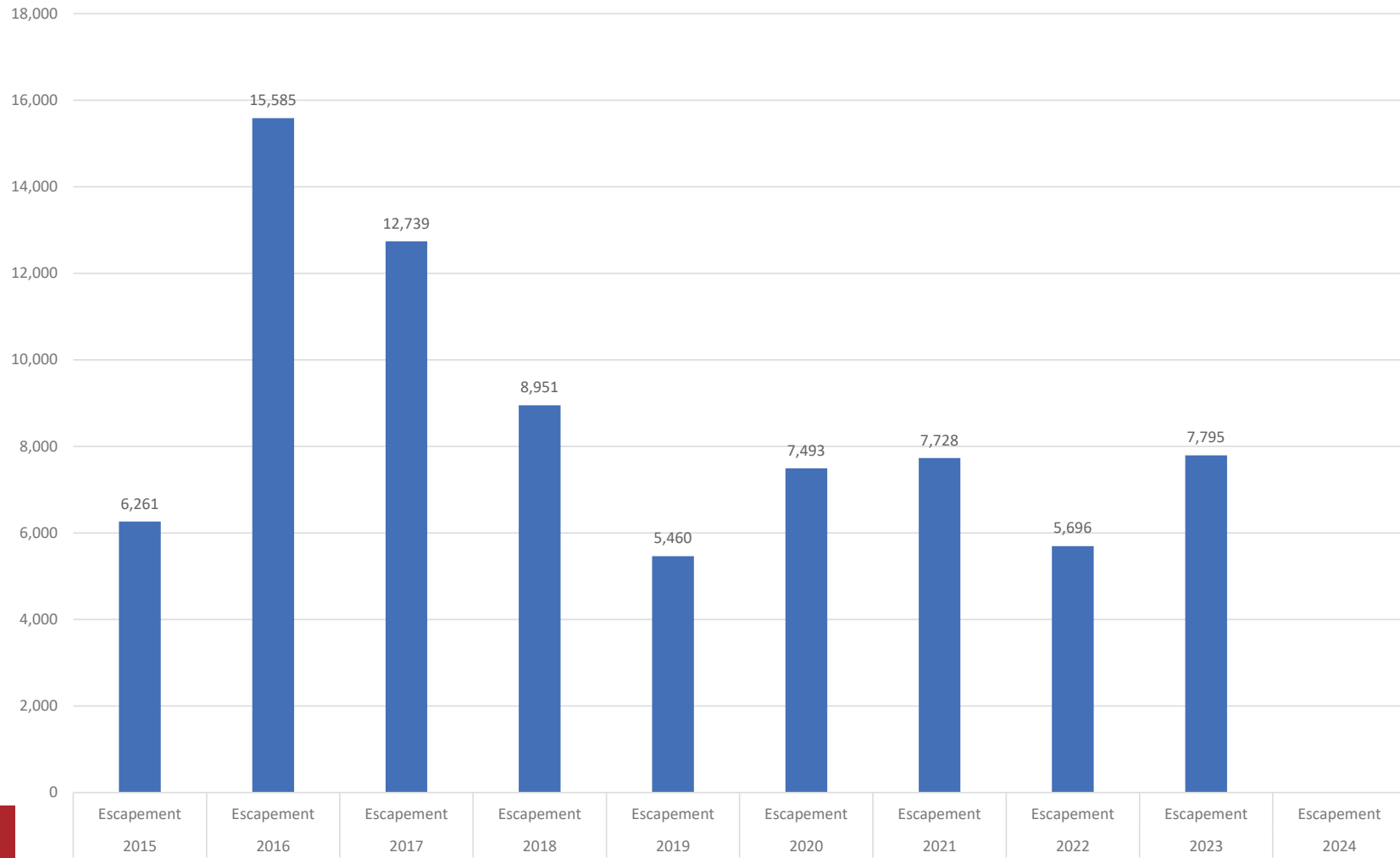
NMFSNWR Reported Recoveries



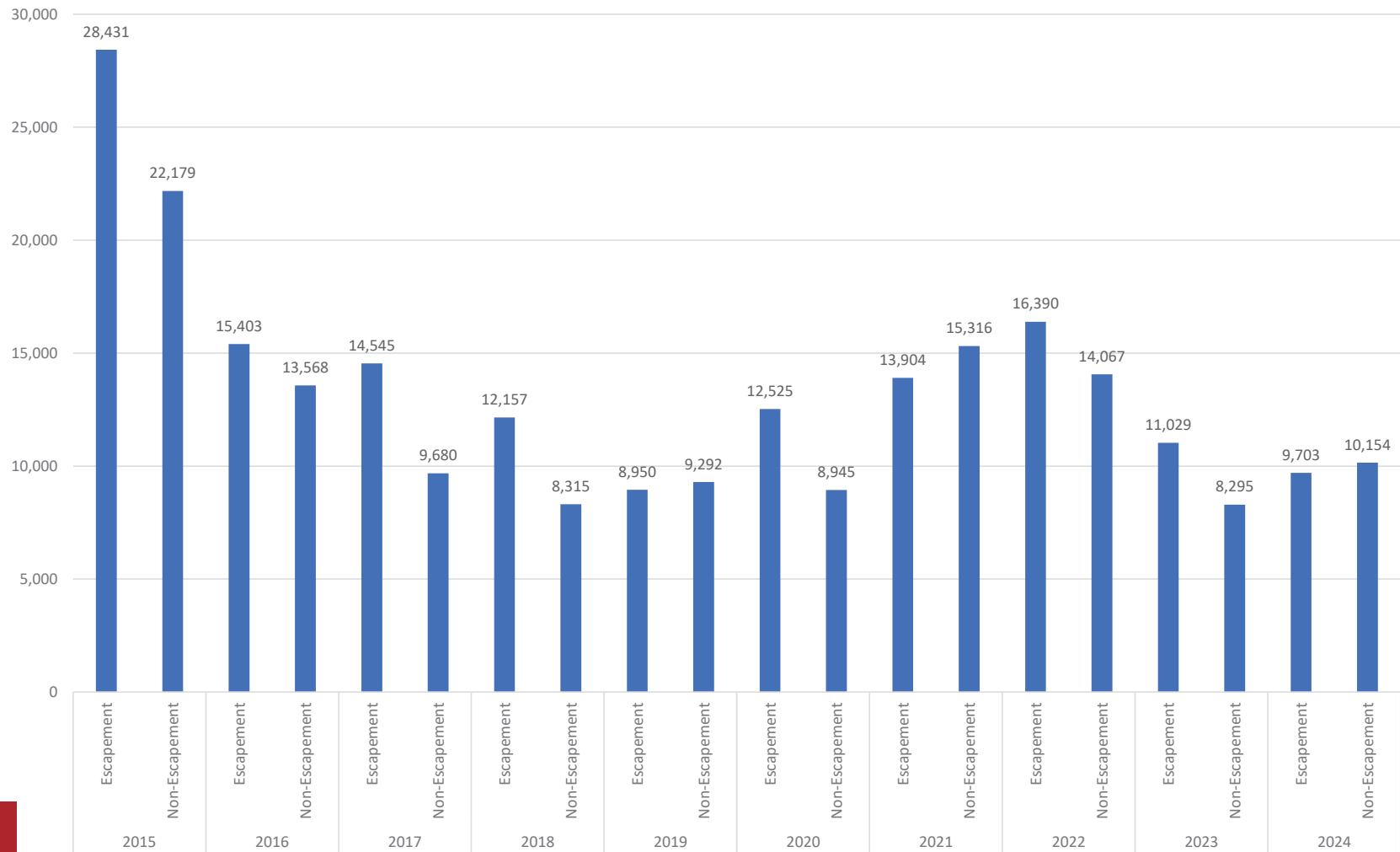
NPT Reported Recoveries



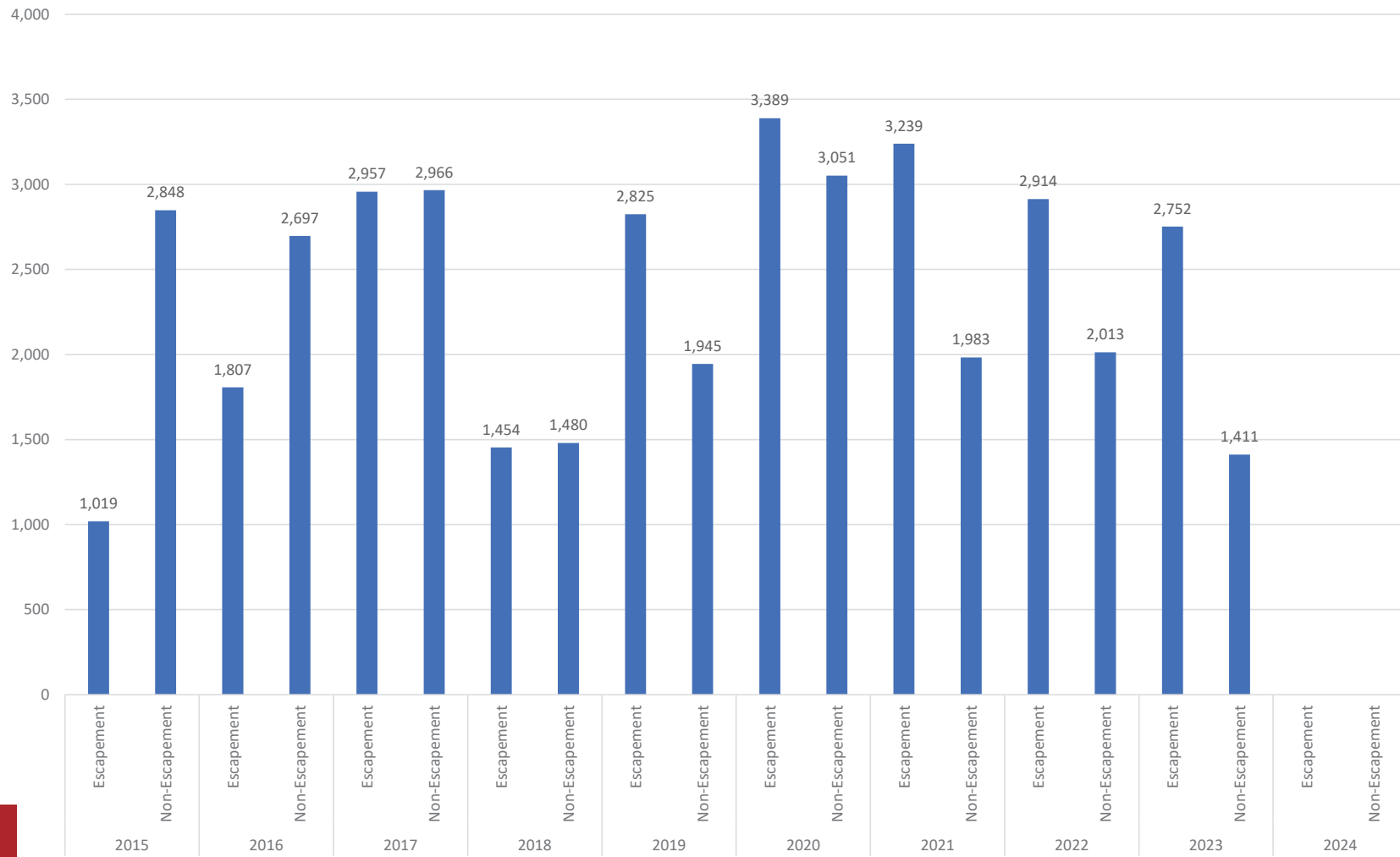
NWIFC Reported Recoveries



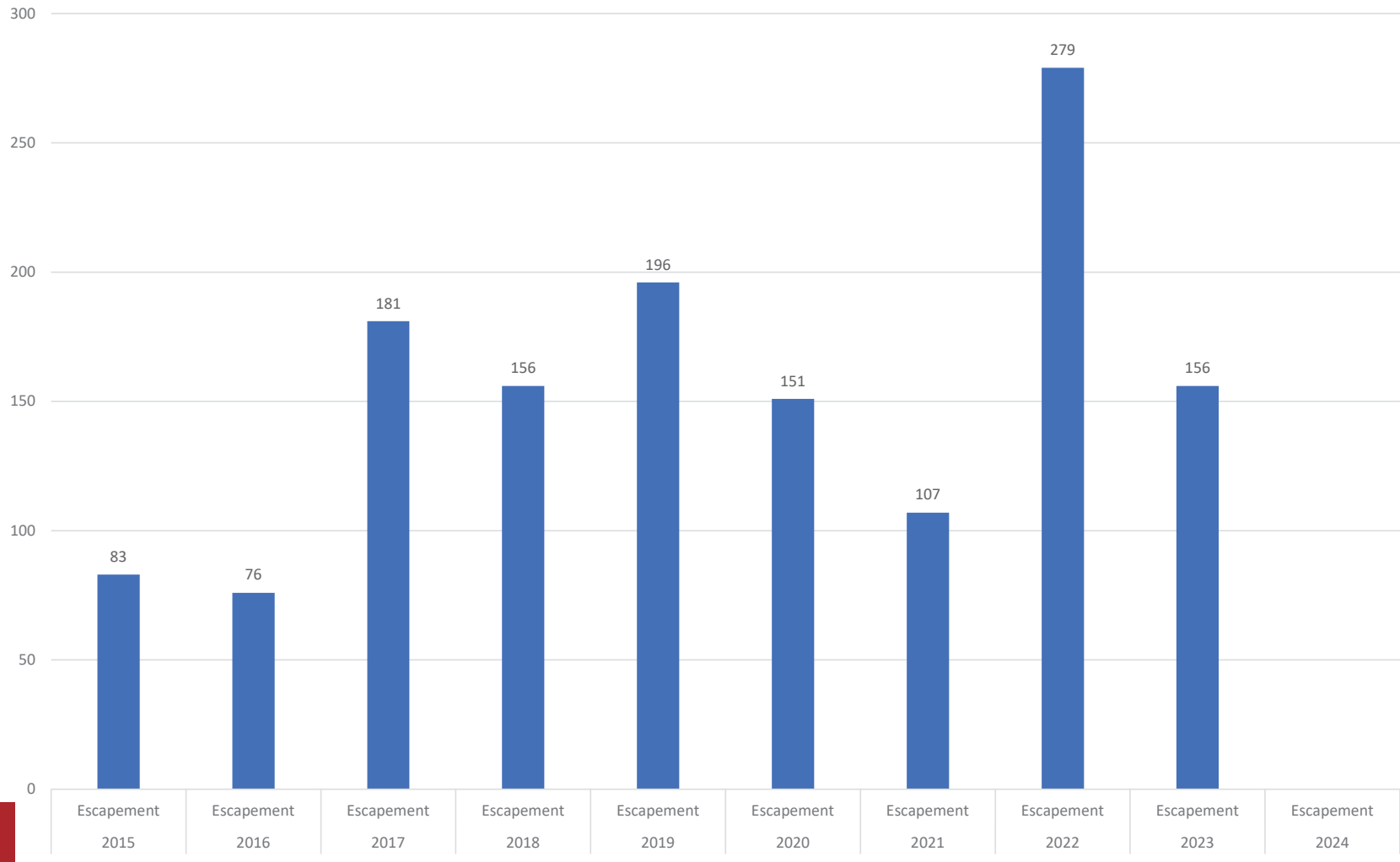
ODFW Reported Recoveries



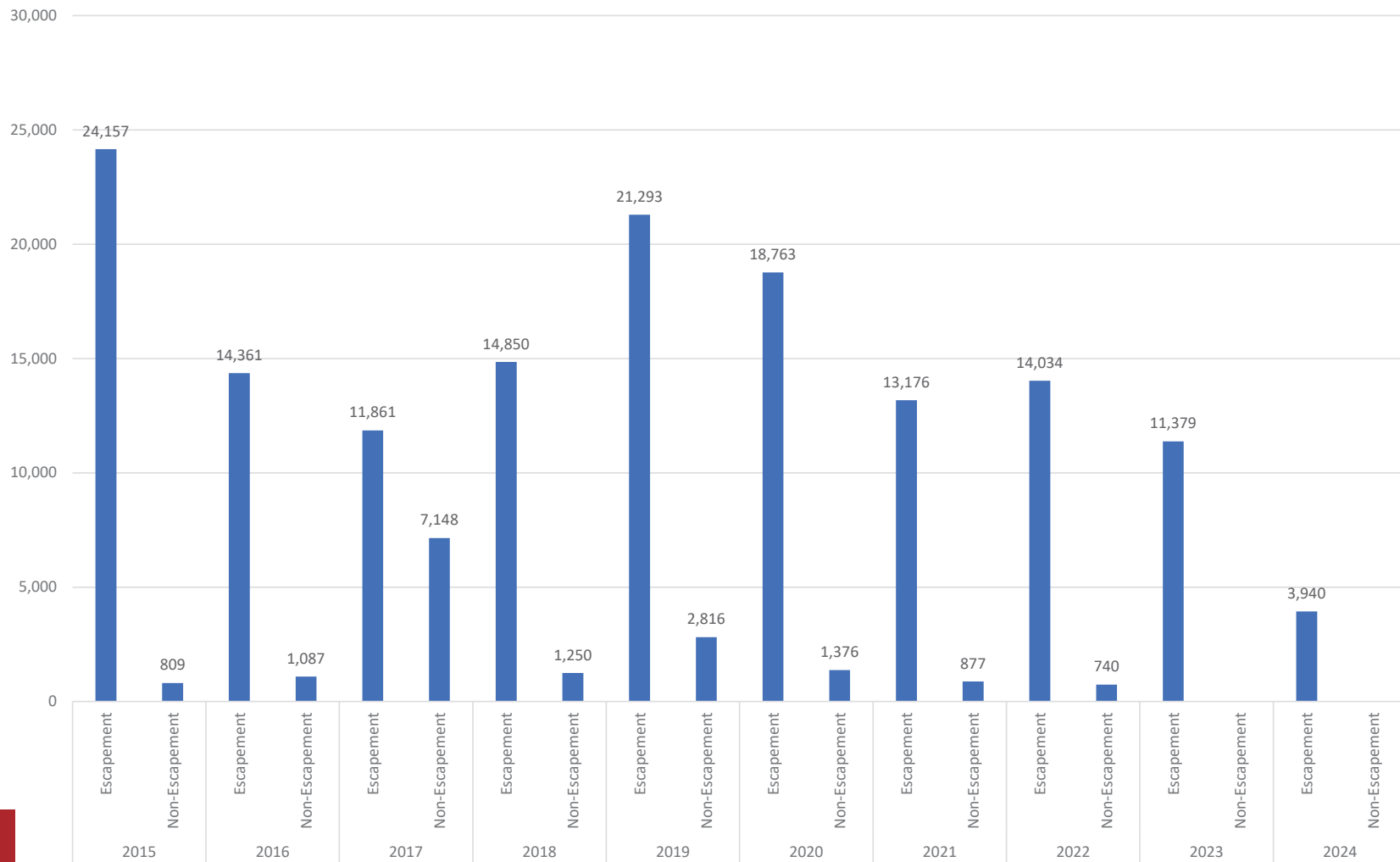
QDNR Reported Recoveries



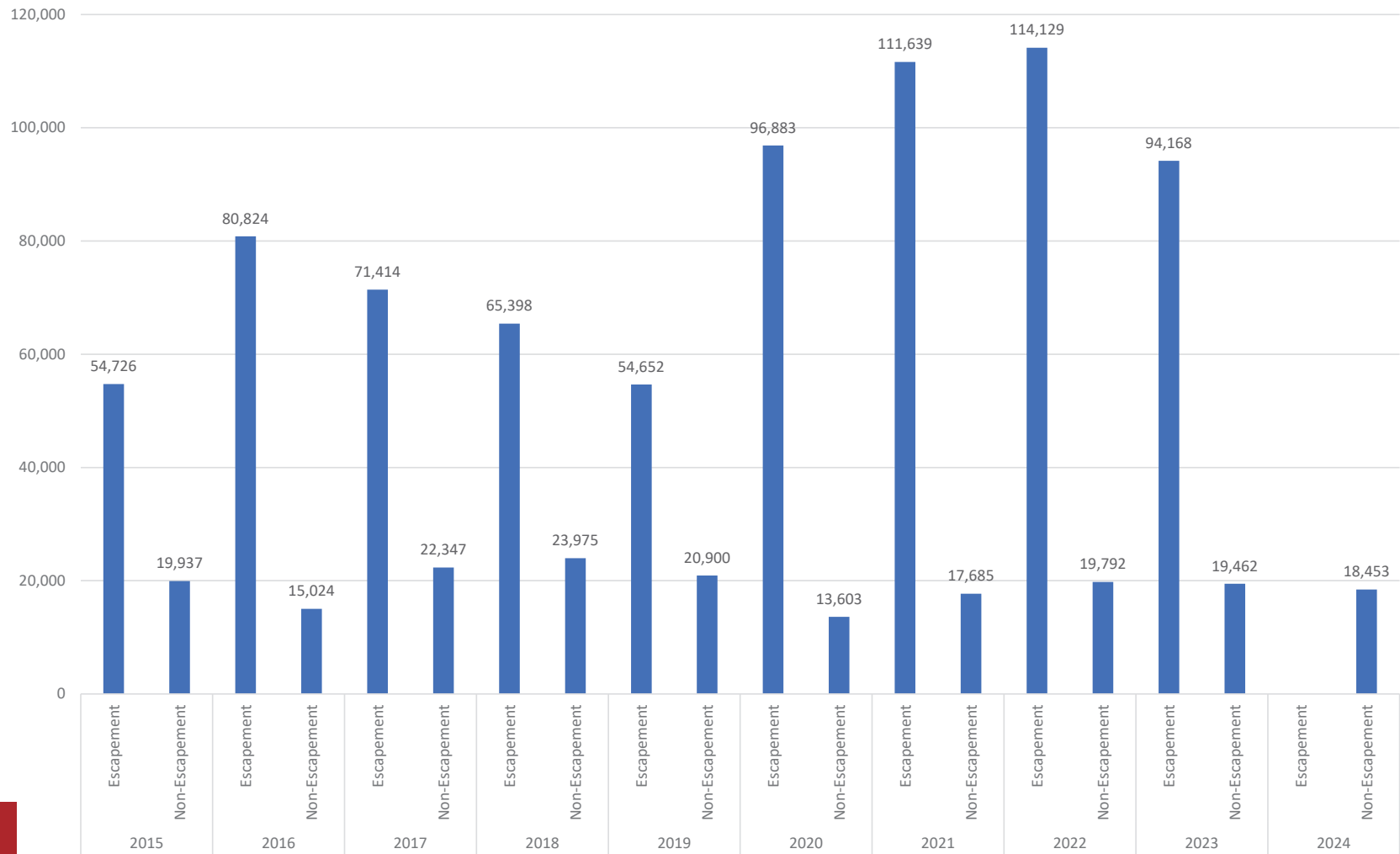
STIL Reported Recoveries



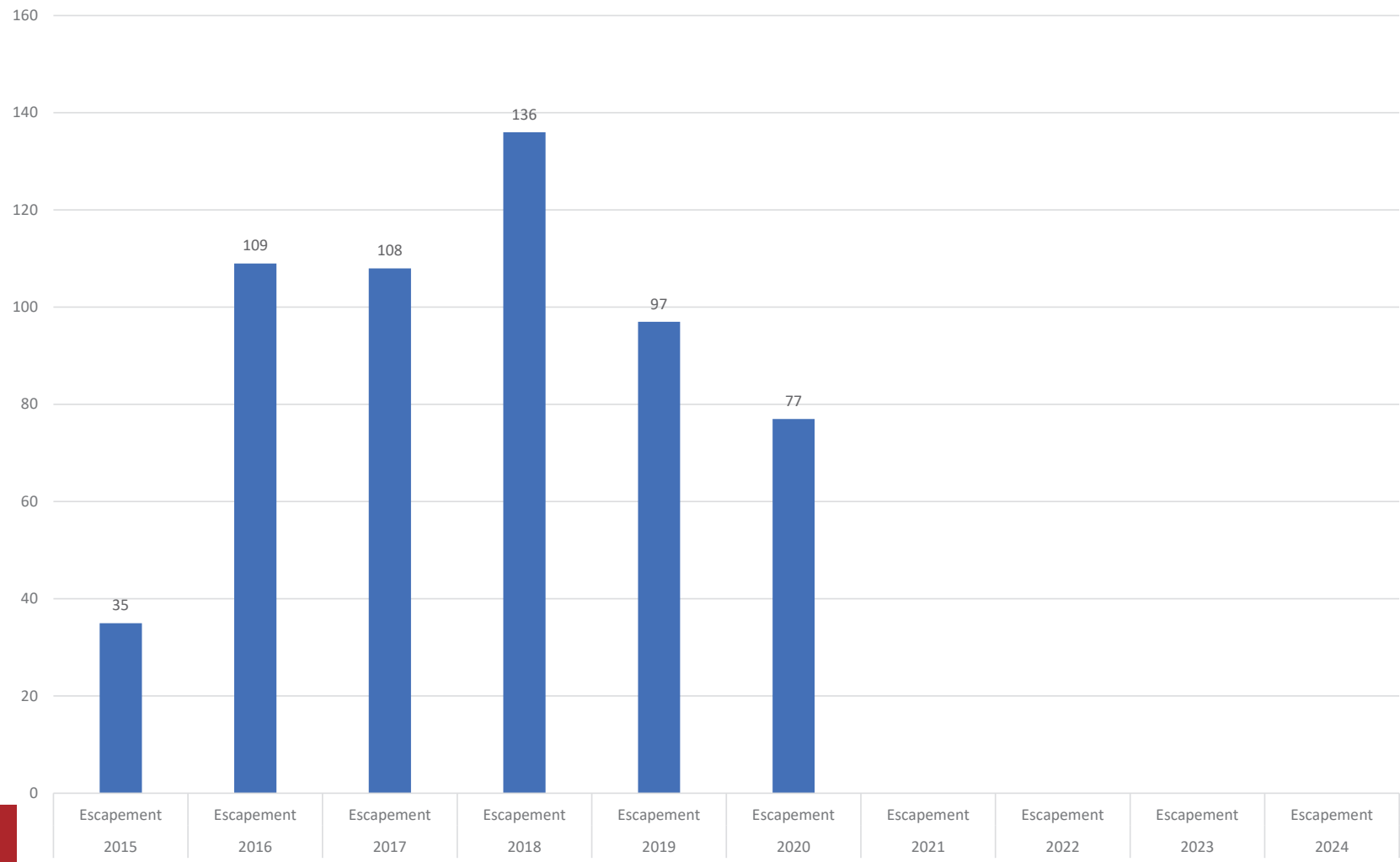
USFWS Reported Recoveries



WDFW Reported Recoveries



YAKA Reported Recoveries



Catch / Sample

From CWT Database Load Logs
By Catch Year and Reporting Agency as of Tue Apr 15 10:15:39 2025

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

Year	ADFG	CDFO	CDFW	CCT	IDFG	NMFS	NMFSNWR	NPT	NWIFC ◇	ODFW	QDNR	STIL ◇	USFWS	WDFW	YAKA ◇	YTFP	Year
2024	2025/01/15	2025/02/05	Expected Pending	Expected Pending	Not Applicable	2025/03/17	Expected Pending	Not Applicable	Not Applicable	2025/02/24	Expected Pending	Not Applicable	2025/03/27	2025/04/11	Not Applicable	Unknown	2024
2023	2024/01/29	2025/02/05	2024/12/23	2024/06/05	Not Applicable	2024/05/14	Expected Pending	Not Applicable	2025/01/08	2024/09/05	2024/10/30	2025/01/23	2024/11/25	2025/03/05	Not Applicable	Unknown	2023
2022	2023/08/07	2025/02/05	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	2024/07/01	Not Applicable	Unknown	2022
2021	2023/08/07	2025/02/05	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	2025/01/17	Not Applicable	Unknown	2021
2020	2023/08/07	2025/02/05	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	2025/04/02	Not Applicable	Unknown	2020
2019	2023/08/07	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	2024/06/26	Not Applicable	Unknown	2019
2018	2023/08/07	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	2024/06/25	Not Applicable	Unknown	2018
2017	2023/08/07	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	Not Applicable	Unknown	2017
2016	2023/12/27	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	Not Applicable	Unknown	2016
2015	2023/08/03	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	Not Applicable	Unknown	2015
2014	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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	2023/08/03	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
2004	2023/08/03	2024/01/22	2006/07/10	Not Applicable	Not Applicable	2011/12/27	Unknown	Not Applicable	2019/02/07	2009/09/22	2006/01/17	Not Applicable	2014/04/22	2013/07/23	Not Applicable	2007/08/17	2004

RMIS API

- API is in place and being used by various entities to extract data for their analysis
- Not many changes since last year's RCMT meeting
- We will be resuming future development in the very near future after conclusion of this year's RCMT meeting



<https://github.com/MattCallahan-NOAA/rmisr>

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 **MattCallahan-NOAA / rmisr** Public

 Notifications  Fork **1**  Star **1** 

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#)

 main 

 1 Branch  0 Tags

 Code 

 MattCallahan-NOAA Applied PR1 logic to all functions 81f0b78 · 3 months ago  6 Commits
 R Applied PR1 logic to all functions 3 months ago
 man Initial commit 3 months ago
 .Rbuildignore Initial commit 3 months ago
 .gitignore Initial commit 3 months ago
 DESCRIPTION Initial commit 3 months ago
 NAMESPACE Initial commit 3 months ago
 README.Rmd edited functions and wrote readme 3 months ago
 README.md edited functions and wrote readme 3 months ago
 rmisr.Rproj Initial commit 3 months ago

About

An R package for accessing RMIS code wire tag data.

 Readme

 Activity

 1 star

 2 watching

 1 fork

[Report repository](#)

Releases

No releases published

Packages

No packages published



Regional Mark Processing Center: Other Announcements

- Completed Data merge of CDFWKT agency Recoveries & Catch /Sample into respective CDFW agency datasets
- Completed Migration to new (Ubuntu Linux based) database server



CWT Lab Guide project

CODED WIRE TAG LAB GUIDE

Before processing fish, read this manual to learn about safety precautions to prevent injury. Keep this manual in an accessible location for future reference.

When attaching individual head recovery cards to the heads, you should follow your entity's procedures. Record information on the card using an appropriate writing instrument that ensures the text does not become illegible. Avoid getting smudges on the card since it can cause ink to become illegible. If attaching a barcode, avoid creasing the product by attaching the card or barcode to the waist following your laboratory protocols (e.g., knotting the bag around the waist, then inserting the card and knotting the bag again (Figures 4 and 5). Ensure there is only one card barcode per sample.



Figure 4. Examples of how to, and not to, attach recovery cards and barcodes to individual heads. (Photos: WDFW)

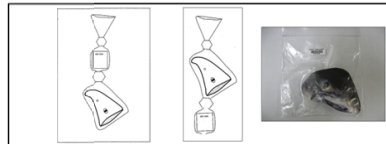


Figure 5. Examples of how to properly bag and knot individual head/vacuum bag. (Illustration: ODFW, Photo: NOAA)

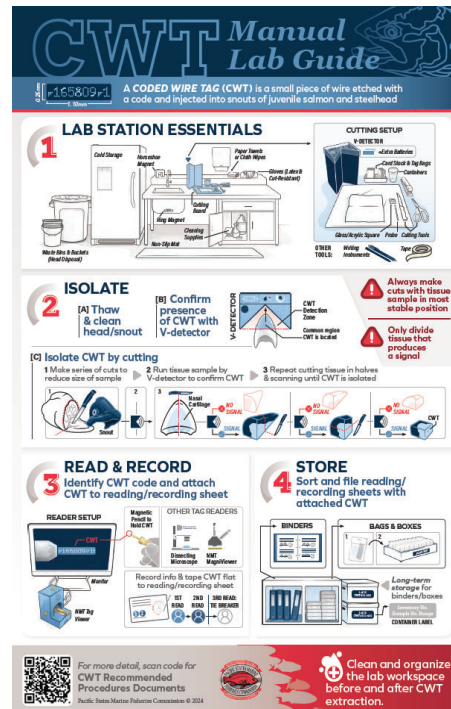
Heads may be transported via vehicles or airmail. Coordinate transportation between the CWT laboratory staff and recovery staff. If shipping heads, provide tracking information to the CWT laboratory staff to ensure that the staff can track the arrival of the frozen heads.

- Combination of 10 different agency lab guides
- 4 workshops: 3 virtual, one hybrid
- Approx 35+ participants at each meeting
- PDF Document located on the on the RMPC site
 - Resources tab> [CWT Information](https://www.rmpec.org/final-bmp-cwt-lab-guide_oct2024/)
 - 48 pages of text and pictures
 - Includes appendix of Estimated Numbers Calculations general information AND 11 different entities own calculations.

https://www.rmpec.org/final-bmp-cwt-lab-guide_oct2024/



CWT Lab Guide project



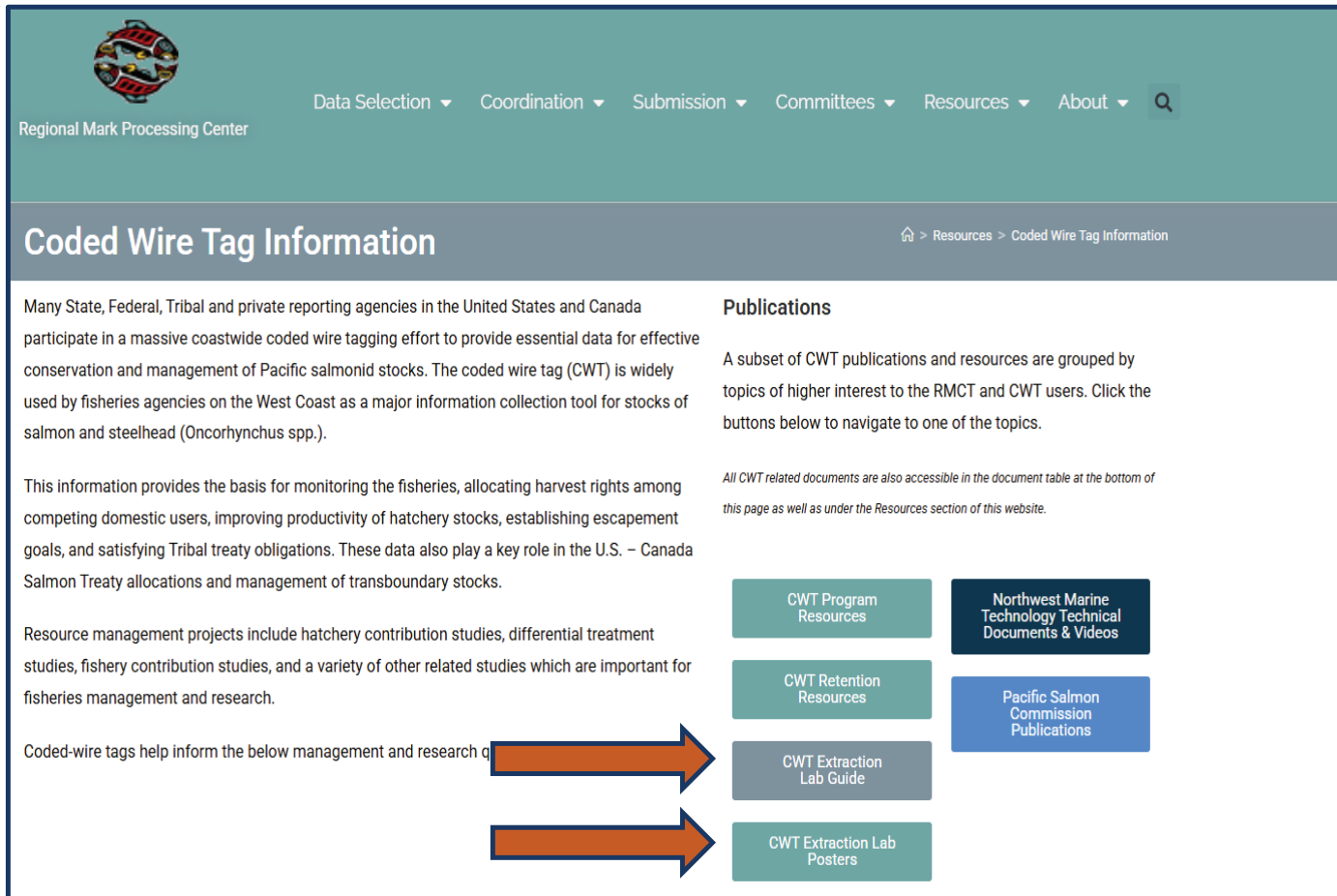
- Multiple sizes: 11x17, 18x24, 24x36
- Document & Poster located on the RMPC site

○ Resources tab > [CWT Information](https://www.rmpec.org/cwt-lab-guide-posters/)

<https://www.rmpec.org/cwt-lab-guide-posters/>



CWT Lab Guide project



 Regional Mark Processing Center

Data Selection ▾ Coordination ▾ Submission ▾ Committees ▾ Resources ▾ About ▾ 

Coded Wire Tag Information

[Home](#) > [Resources](#) > Coded Wire Tag Information

Many State, Federal, Tribal and private reporting agencies in the United States and Canada participate in a massive coastwide coded wire tagging effort to provide essential data for effective conservation and management of Pacific salmonid stocks. The coded wire tag (CWT) is widely used by fisheries agencies on the West Coast as a major information collection tool for stocks of salmon and steelhead (*Oncorhynchus* spp.).

This information provides the basis for monitoring the fisheries, allocating harvest rights among competing domestic users, improving productivity of hatchery stocks, establishing escapement goals, and satisfying Tribal treaty obligations. These data also play a key role in the U.S. – Canada Salmon Treaty allocations and management of transboundary stocks.

Resource management projects include hatchery contribution studies, differential treatment studies, fishery contribution studies, and a variety of other related studies which are important for fisheries management and research.

Coded-wire tags help inform the below management and research q

Publications

A subset of CWT publications and resources are grouped by topics of higher interest to the RMCT and CWT users. Click the buttons below to navigate to one of the topics.

All CWT related documents are also accessible in the document table at the bottom of this page as well as under the Resources section of this website.

CWT Program Resources	Northwest Marine Technology Technical Documents & Videos
CWT Retention Resources	Pacific Salmon Commission Publications
CWT Extraction Lab Guide	
CWT Extraction Lab Posters	

Ocean Salmon Project

Presented by: Sarah White



REGIONAL FISH PROCESSING CENTER
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June 200
05-97202



Project Overview

- History
- Ocean Salmon Fishery
 - Port Sampling
 - CWT Recovery
- Central Valley Inland
 - CWT Recovery
 - Scale Age Project
- Management
 - Future Directions
- Reporting
 - CFM
- Data Modernization



History

- Created in 1952 to provide data in managing California's commercial & recreational fisheries
- Objectives
 - Estimate landings & fishing effort by management area
 - Determine hatchery contributions to California ocean fisheries, Central Valley inland fisheries, and Central Valley escapement.



Aquileo Leal cutting the snout of a commercially caught salmon in San Francisco in 2022. Photo Credit: K. Osborn, CDFW.

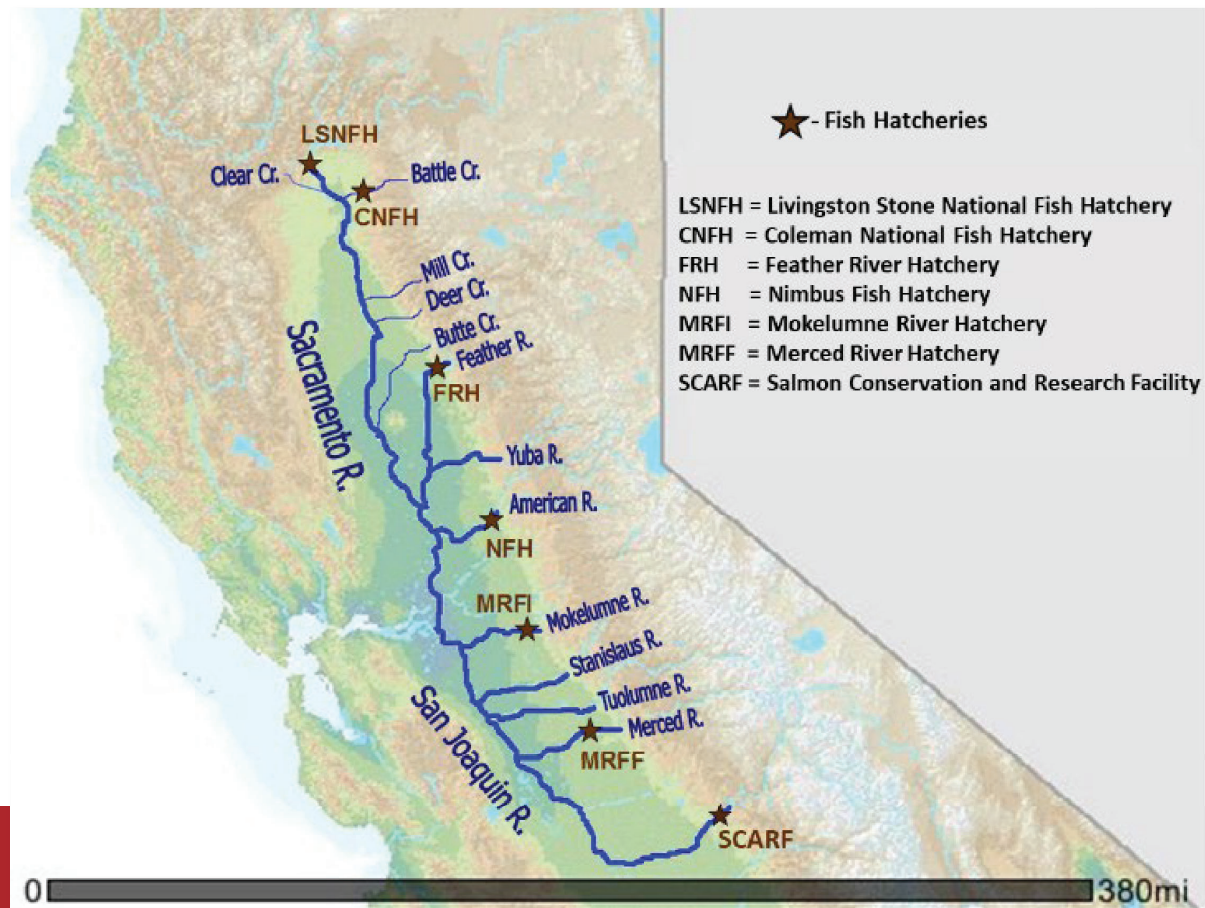


Ocean Salmon Fishery

- Sampling of commercial and recreational fisheries
- 20% sampling rate
- Collect heads from adipose-fin clipped fish
- Heads processed in our Santa Rosa office
 - Average of approximately 14,200 heads per year from 2018-2022



Central Valley Inland



Central Valley Inland

- Hatchery and carcass monitoring by partners
- Heads collected processed by the Alpine Lab and Doug Killam's Lab
- CWT and Recovery data provided for reporting



Olivia Boebertiz holding a Chinook Salmon carcass on the Yuba River in 2023. Photo Credit: A. Leal, PSMFC



Central Valley Inland

- Scale Age Project
 - Started in 2008
 - Provide age-specific estimates of escapement for the Central Valley
 - Staff trained to read all four runs of Central Valley Chinook Salmon
 - An average of 14 assignments per run year were aged from run years 2017-2021.
 - Assignments completed through run year 2021



Age-4 Chinook Salmon scale



Management

- Data used in management of California fisheries
 - Central Valley escapement
 - Klamath River Fall Chinook (KRFC) escapement
 - Ocean and Inland Fisheries
- Forecasts of Sacramento River Fall Chinook (SRFC) and KRFC
 - SRFC moving from a combined-age index to cohort reconstruction



Management

- Future directions
 - California moving to inseason management and monitoring of ocean fisheries
 - SRFC cohort reconstruction being phased into management of the fishery

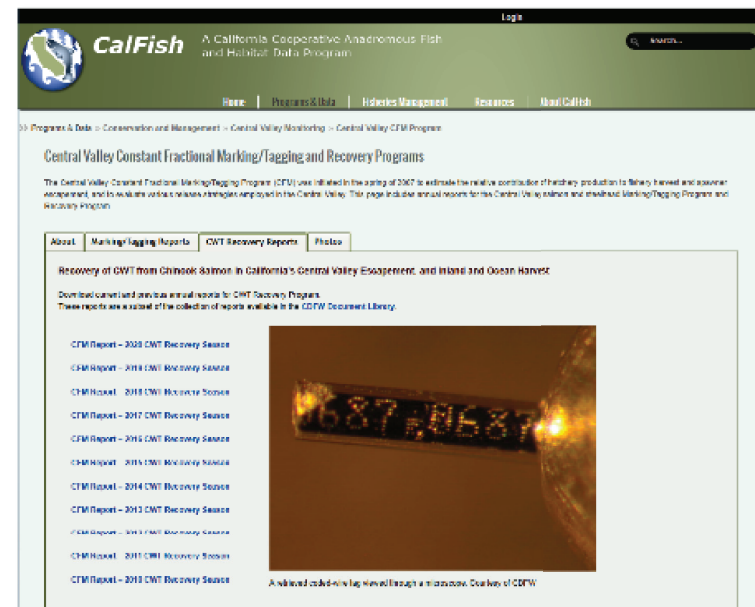


Sarah White cutting the snout of a commercial caught salmon in 2022 in San Francisco. Photo Credit: K. Osborn, CDFW



Reporting

- Constant Fractional Marking Report
 - 25% of California Chinook Salmon marked with CWTs
 - Report of CWT Recoveries of Central Valley Chinook Salmon
 - Focuses on:
 - Proportions of hatchery- and natural-origin salmon
 - Relative recovery and stray rates
 - Contribution rates to ocean and inland harvests
- Completed through run year 2021



[CalFish CFM Reports](#)



Data Modernization

- Currently working on updating our data processes to a normalized database
- Occurring in two phases
 - Phase I—migrate data to SQL database
 - Phase II—convert processes to normalized system
- Currently seeking funding sources for Phase II



Thank You

Sarah White
Fisheries Biologist II
sarah.white@wildlife.ca.gov



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Lunch Break

Be back by 1:30pm



All-Agency Update



Newport OR, Stan Allen



Update order

1. NWIFC	5. CRITFC	9. IDFG	<u>Other reporting agencies</u>	
2. NMFS	6. ADFG	10. USFWS	12. NPT	15. MAKAH
3. CDFO	7. ODFW	11. MIC	13. CCT	16. YAKA
4. CDFW	8. WDFW		14. CTUIR	

Update Topics

Tagging Levels for 2025

Mass Marking for 2025

Mark-Selective Fishery Plans and / or Comments

Progress on recruitment and retention of tagging crews and/or operators



All-Agency Update, Part 1

Member agencies (12):

NWIFC / Northwest Indian Fisheries Commission: [see update provided.](#)

NMFS / National Marine Fisheries Service, Alaska: .

CDFO / Fisheries & Oceans Canada ■ : [see update provided.](#)

CDFW / California Department of Fish & Wildlife: [see update provided.](#)

CRITFC / Columbia R. Intertribal Fish Commission: .

ADFG / Alaska Dept. Fish & Game: [see update provided.](#)

ODFW / Oregon Dept. Fish & Wildlife: [see update provided.](#)

WDFW / Washington Dept. Fish & Wildlife: .

IDFG / Idaho Dept. Fish & Game: [see update provided.](#)

USFWS / U.S. Fish & Wildlife Service: [see update provided.](#)

MIC / Metlakatla Indian Community: .

Footnote: ■ : Agency CDFO represents two votes (members) of the RCMT



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All-Agency Update, Part 2

Other reporting agencies (5):

NPT / Nez Perce Tribe: .

CCT / Colville Confederated Tribe(s): [see update provided.](#)

CTUIR / Confederated Tribes Umatilla: [see update provided.](#)

MAKAH / Makah Tribe: .

YAKA / Yakama Nation: .



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Update on PSC Data Exchange Projects & 2025+ Workplan

Jim Longwill



Credit: Nancy Leonard



Data Sharing (TCDS) meetings in the last year

- Jun 4-6th 2024 in Nanaimo BC
- Sep 4-5th 2024 in Portland
- Nov 1st 2024 virtual-only
- January 2025: Data Den --- at the PSC Post-Season meeting

& .. Planned for the coming year:

- May 27-28th 2025 – virtual-only
- Sep 2-4th 2025 in Portland
- Oct 2025 -- virtual-only

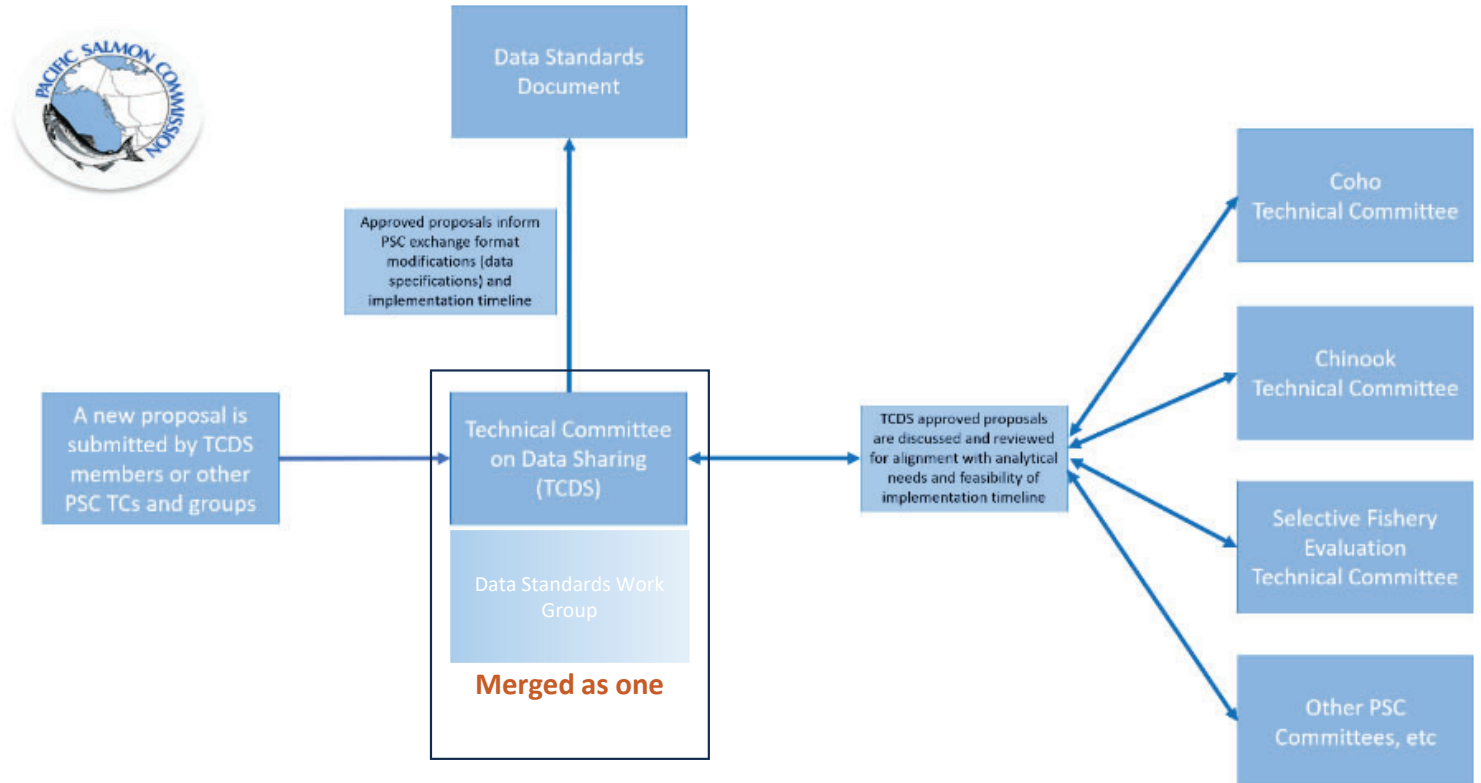


PSC Data Sharing Committee – approved changes

In 2024 /2025:

Retiring the Working Group on Data Standards (DSWG)

..and merging its members into Data Sharing



Clarifying the role of Data Sharing to the Commission

- Provide advice on data & software tools relevant to PSC guidelines and sharing lessons across committees
- Better explain how to communicate issues/requests to Data Sharing
- Data Sharing intent to consult with other PSC technical committees
- Continuing to Emphasize coordination of the CWT data and the system of data exchange per the 1985 Memorandum of Understanding
- Continuing to facilitate the timely exchange of CWT data between the two parties

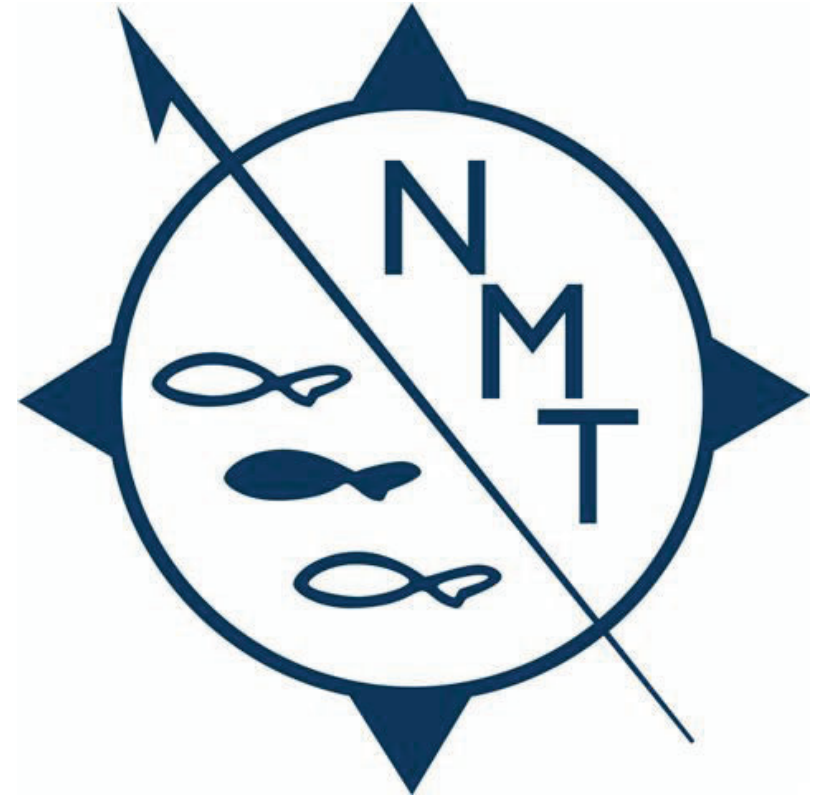


Data Exchange Version 5.0 & Related Activities

- Seeking to optimize the TCDS process of defining, documenting, & resolving coast-wide data issues
- Continuing to visit all proposals: Approved list & Active list & New
- Some proposals can't be resolved for 5.0, so will be delayed to a future version
- Example proposals (among several) which had plenty of discussion: #52: Detection Method Clarification; #57: Additional Release Strategies for California;
- Went over the proposal template & discussed improvements
- Discussed how to better evaluate and assist with implementing data analysis tools such as the widely-used Shiny App
- Visiting the timeline of Version 5.0 implementation .. and we are looking at **mid-to-late 2026**.



Update from Northwest Marine Technology



Adjourn Day 1

- See you tomorrow 9am (PT)
- For those in Santa Rosa: No-host gathering at restaurant

