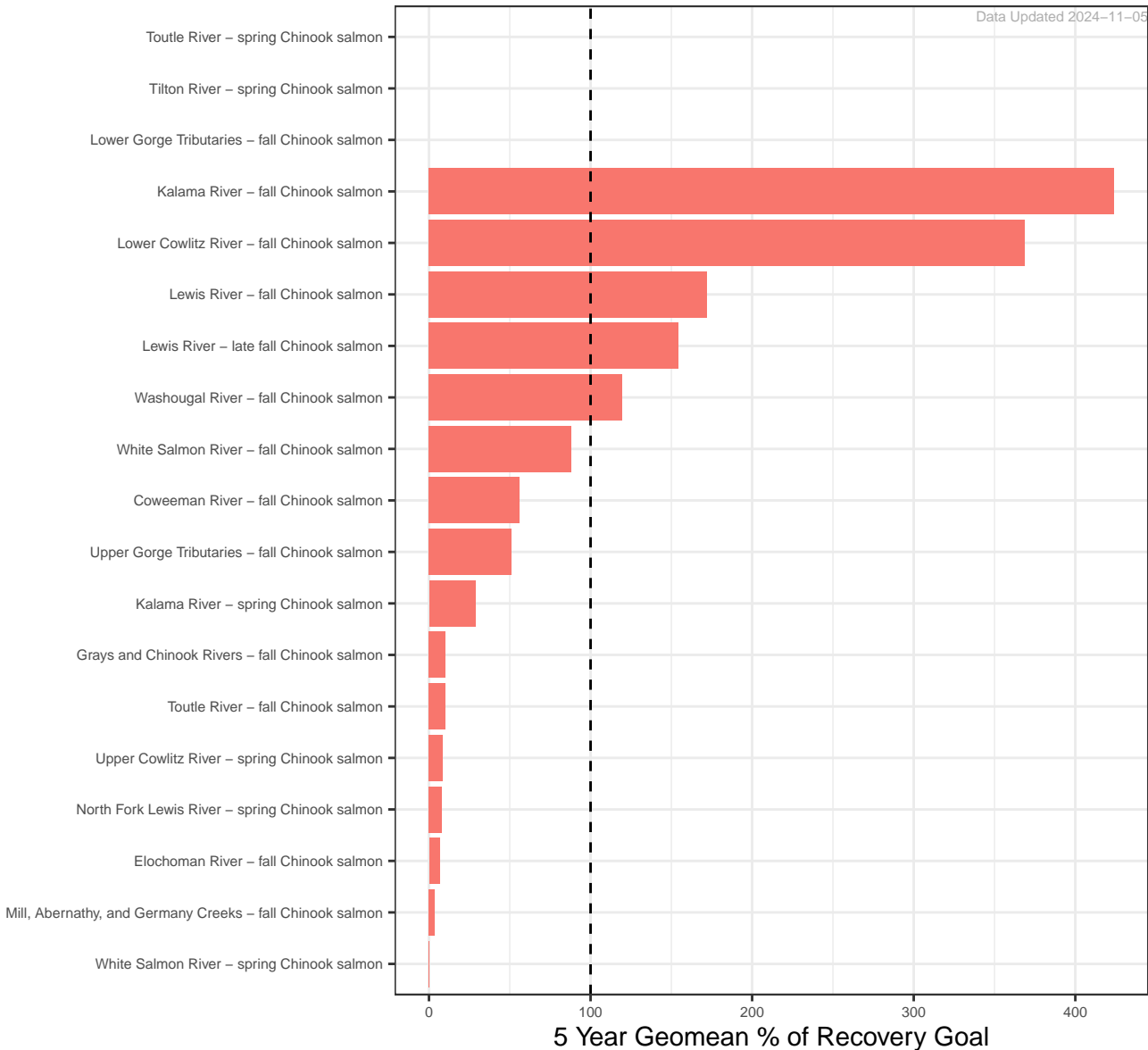
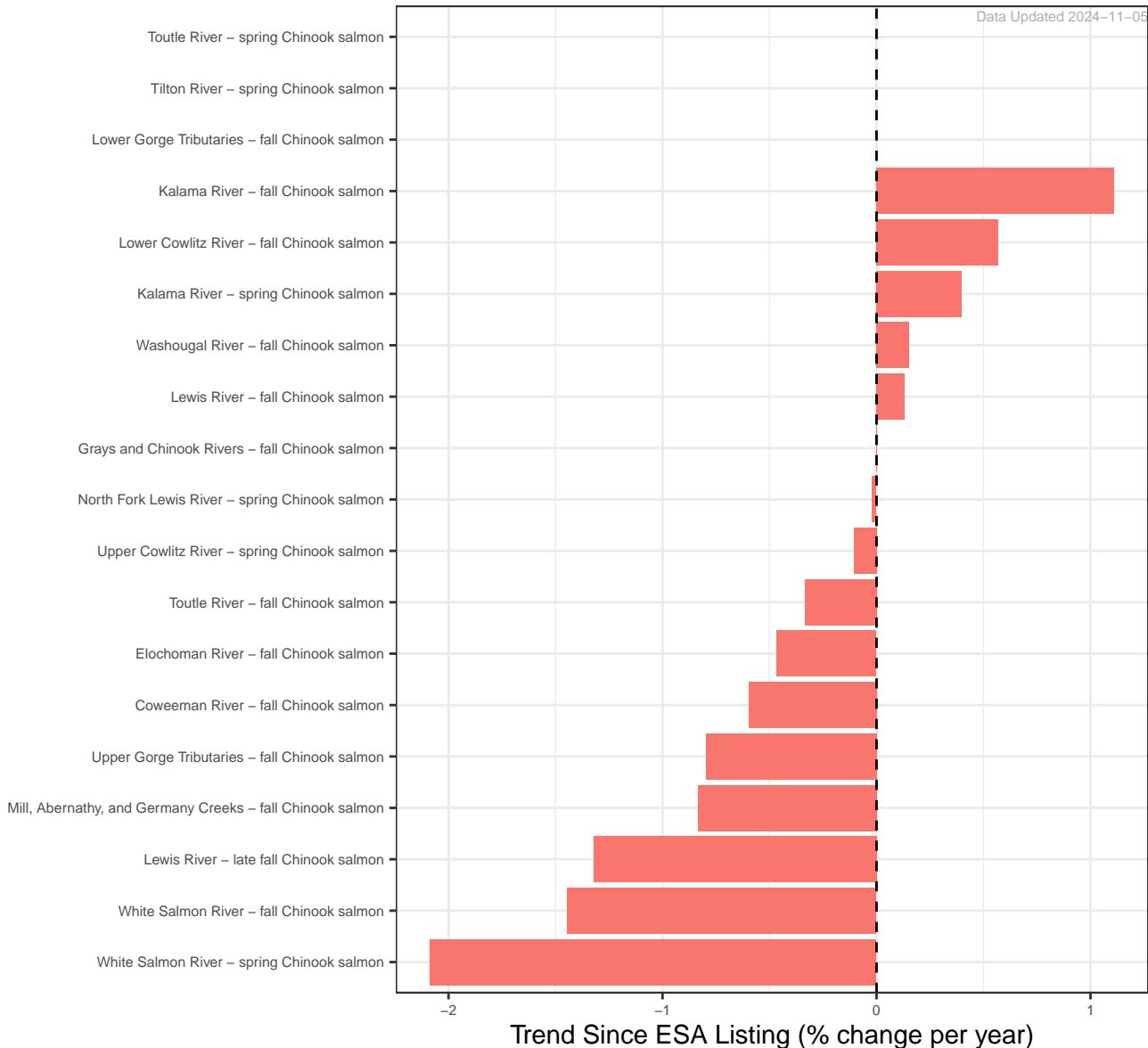


# Lower Columbia River Chinook ESU



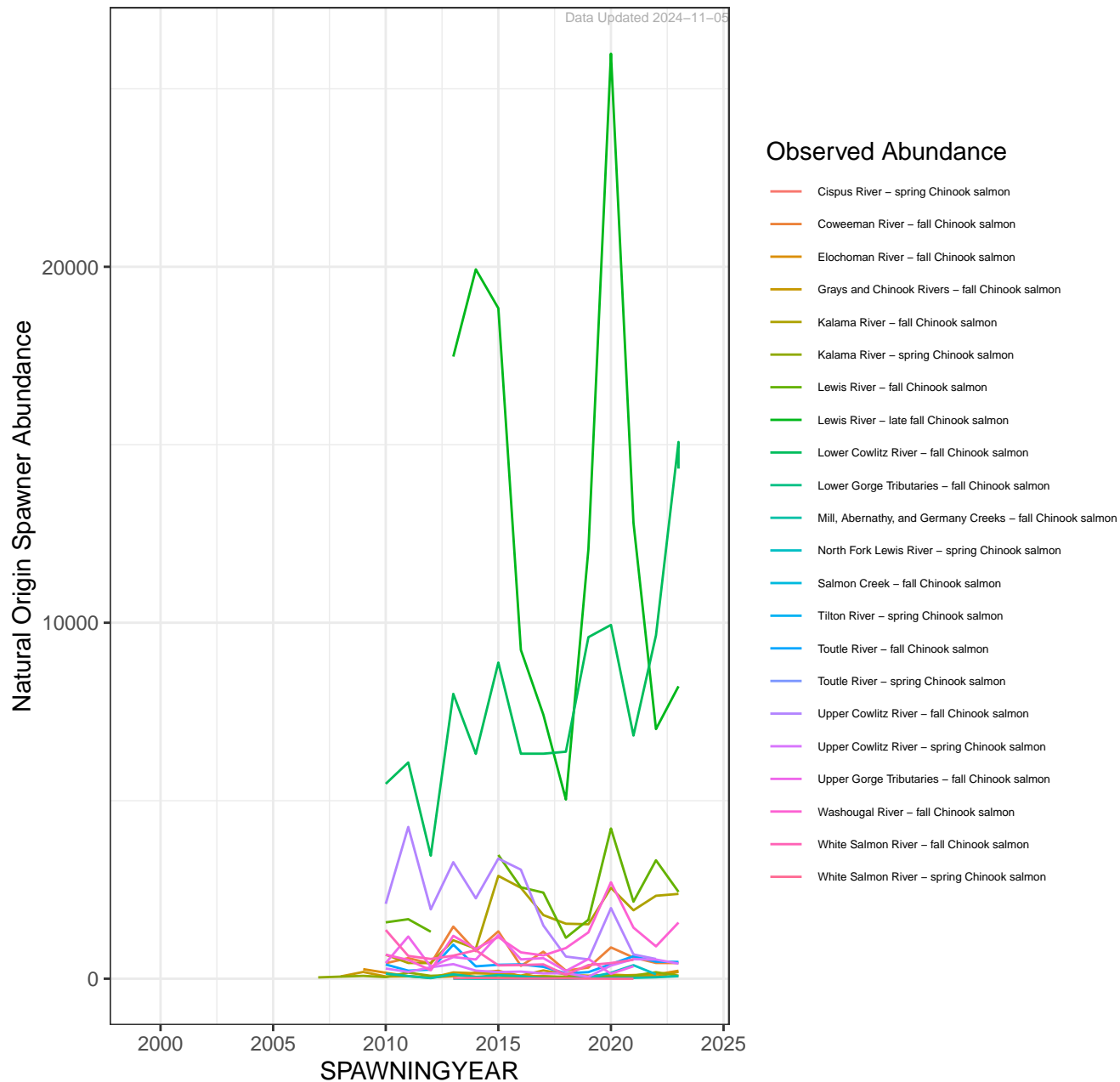
Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Lower Columbia River Chinook ESU



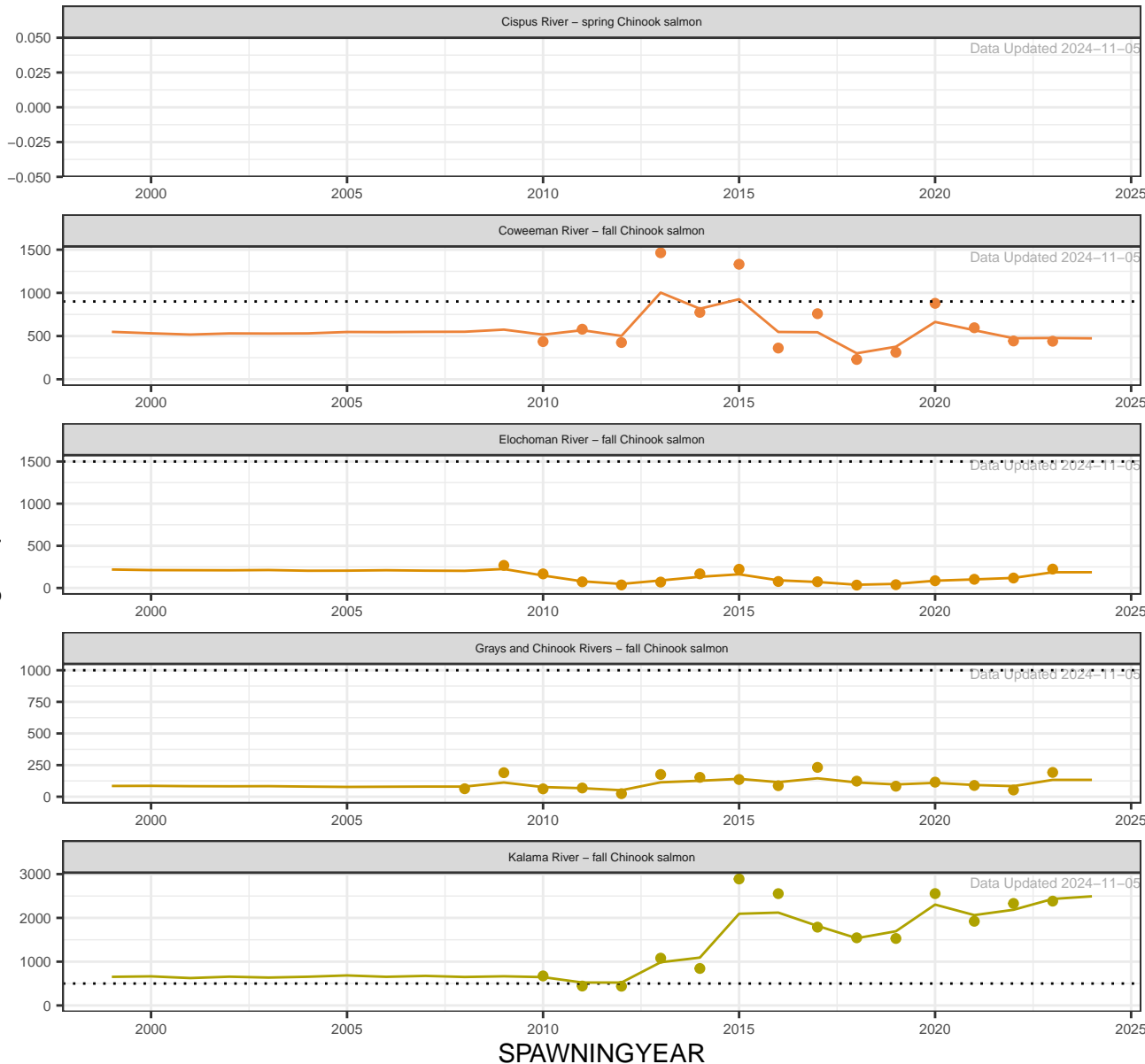
Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Lower Columbia River Chinook ESU



# Lower Columbia River Chinook ESU

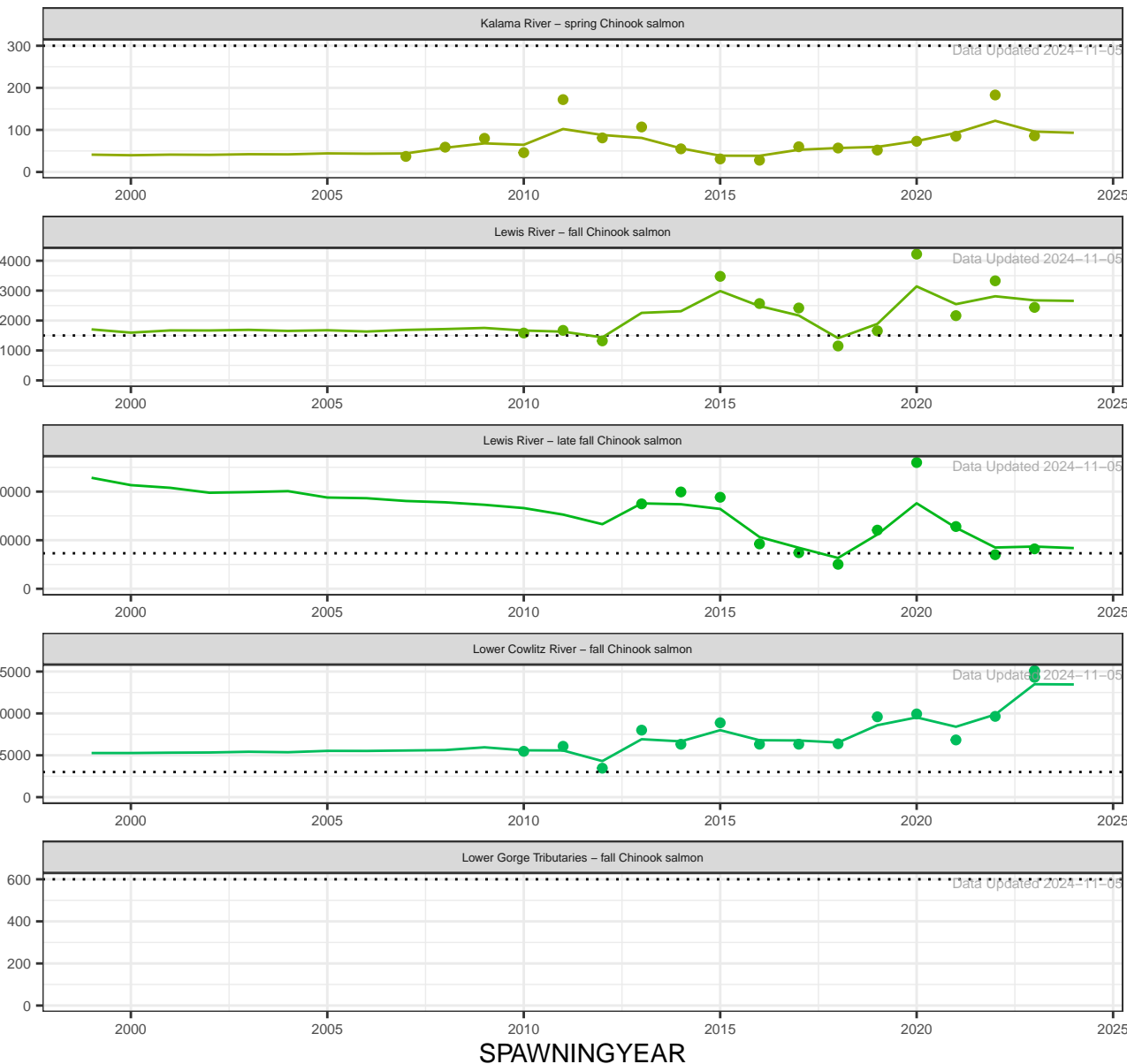
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Chinook ESU

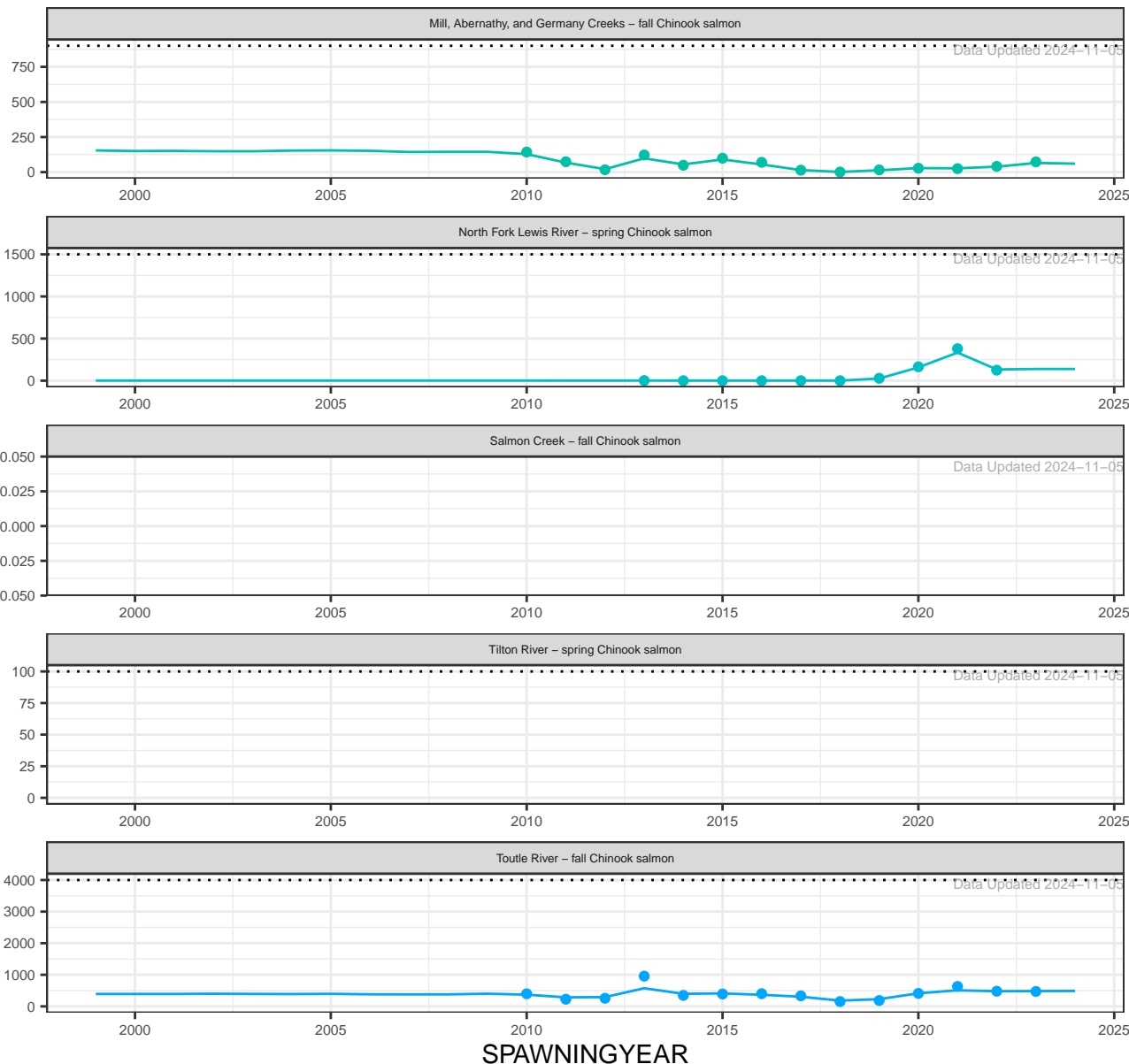
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Chinook ESU

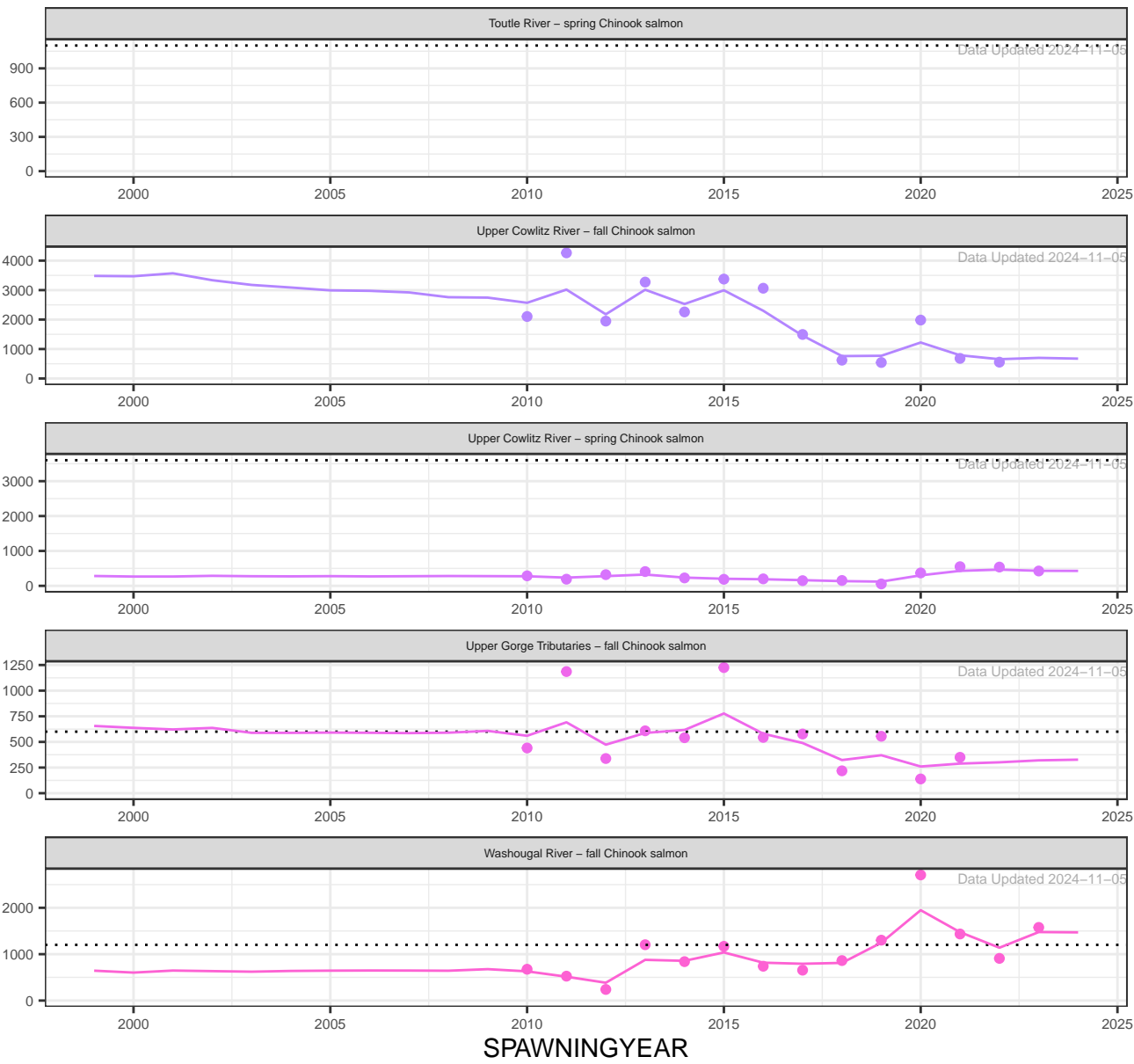
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Chinook ESU

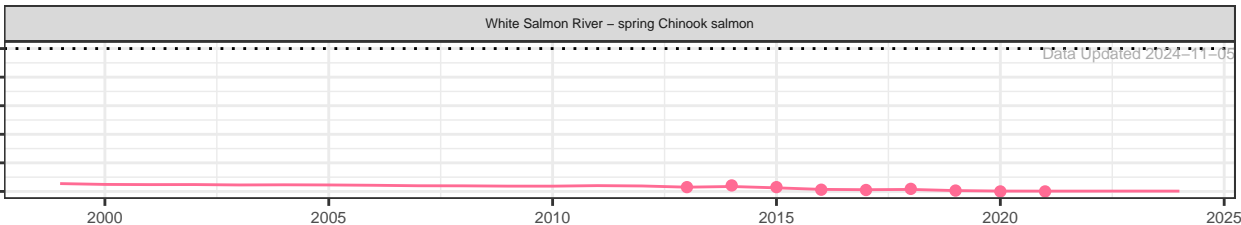
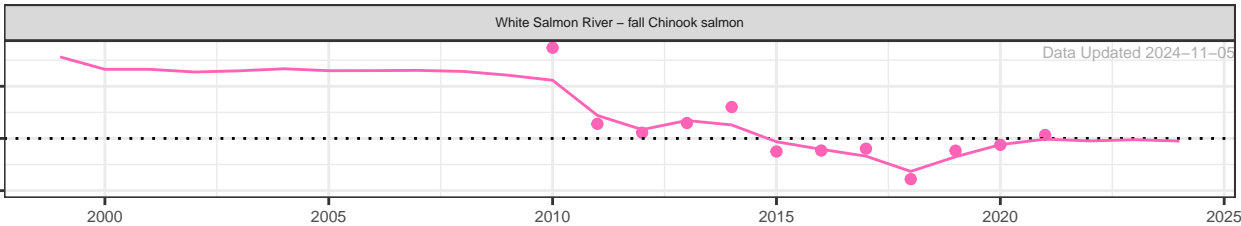
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Chinook ESU

Natural Origin Spawner Abundance

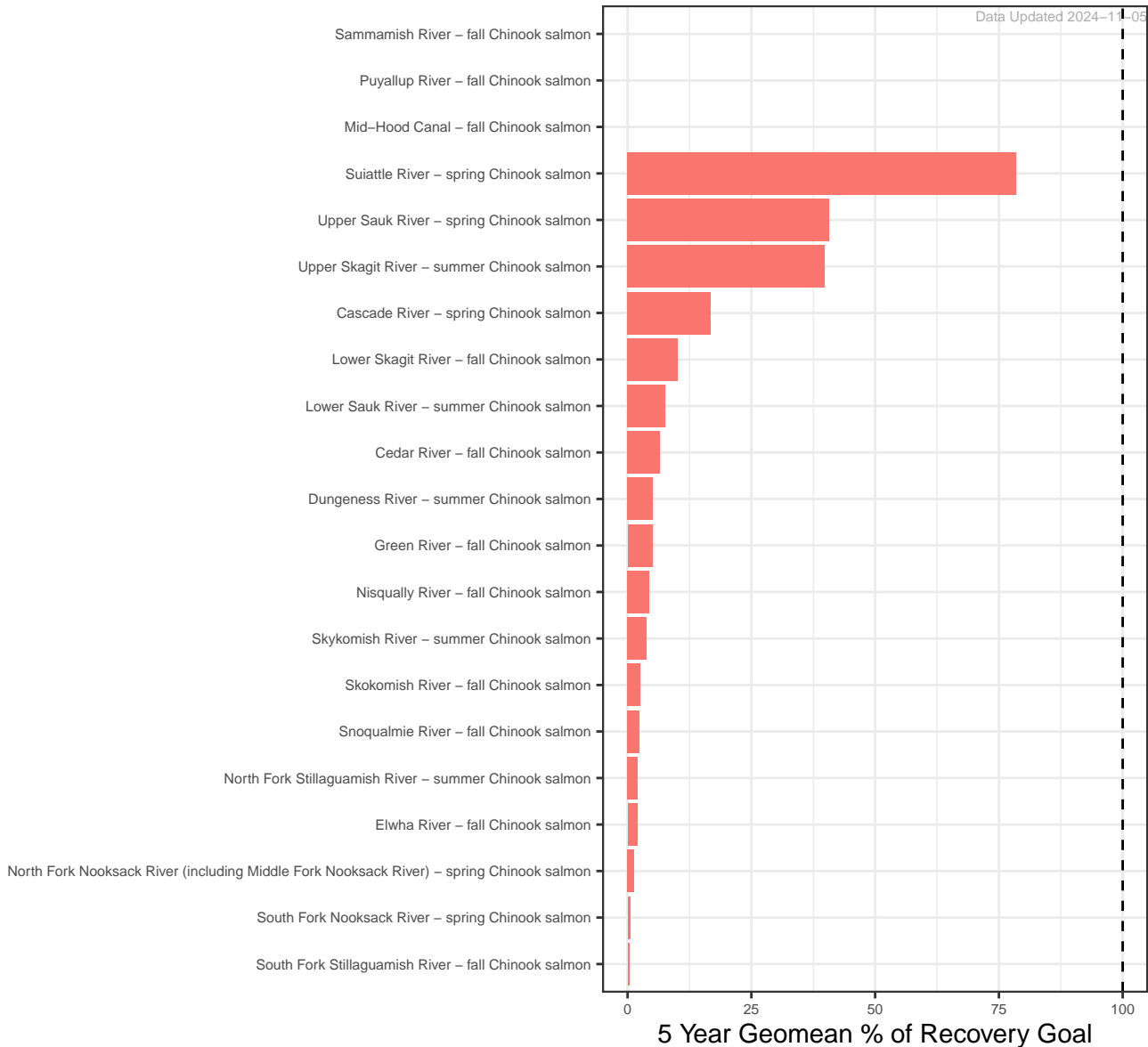


SPAWNINGYEAR

Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

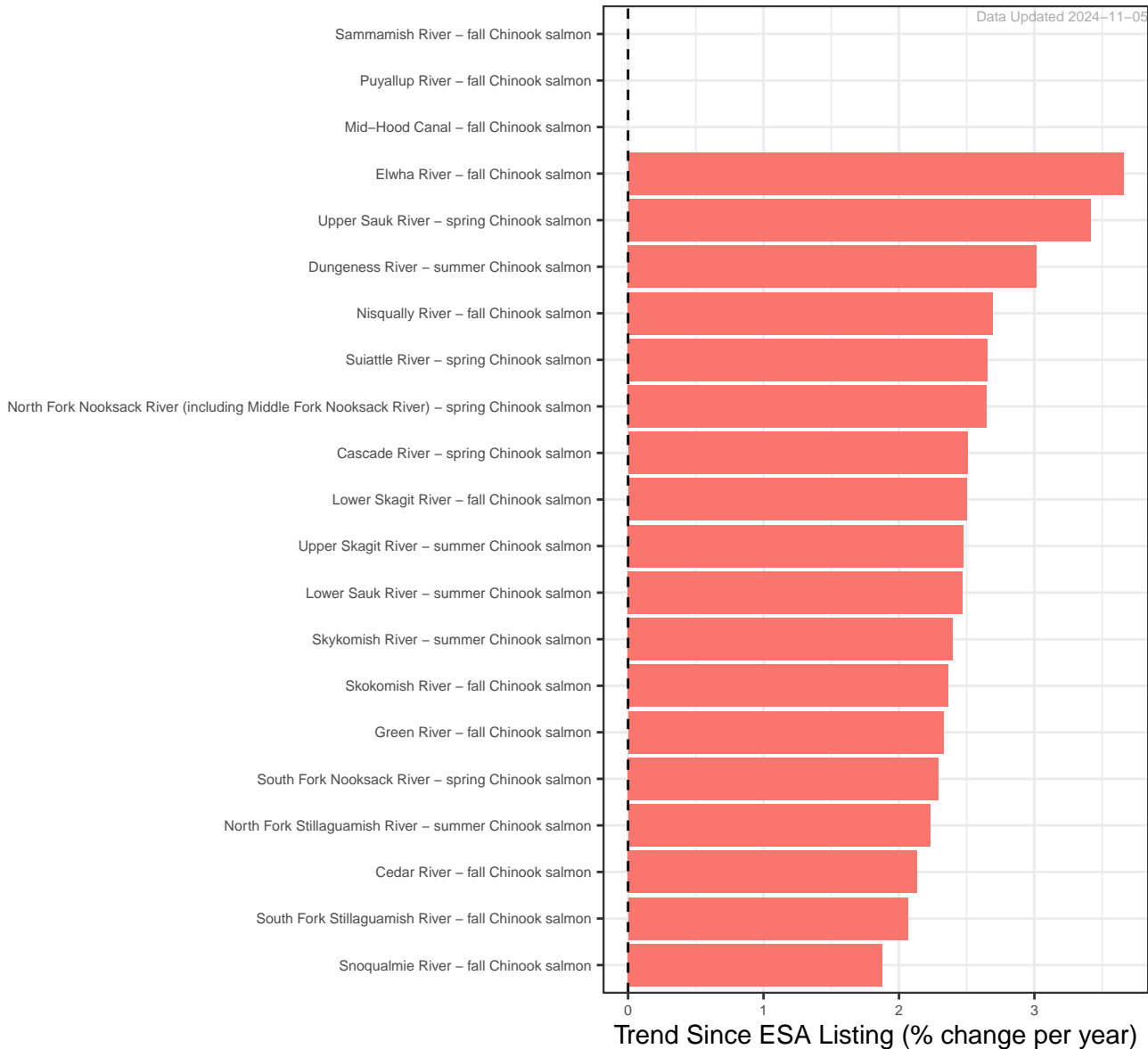


# Puget Sound Chinook ESU



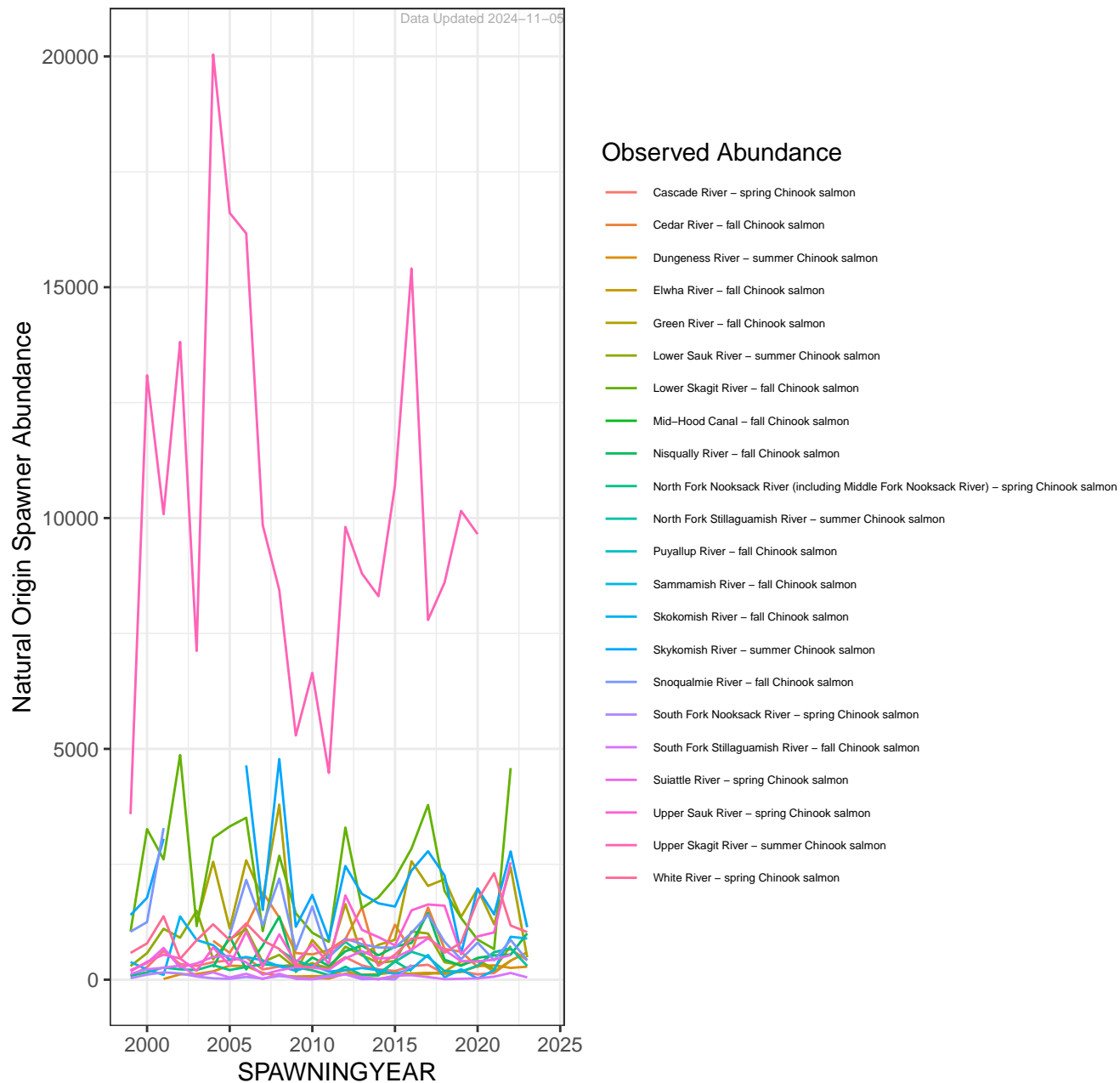
Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

# Puget Sound Chinook ESU



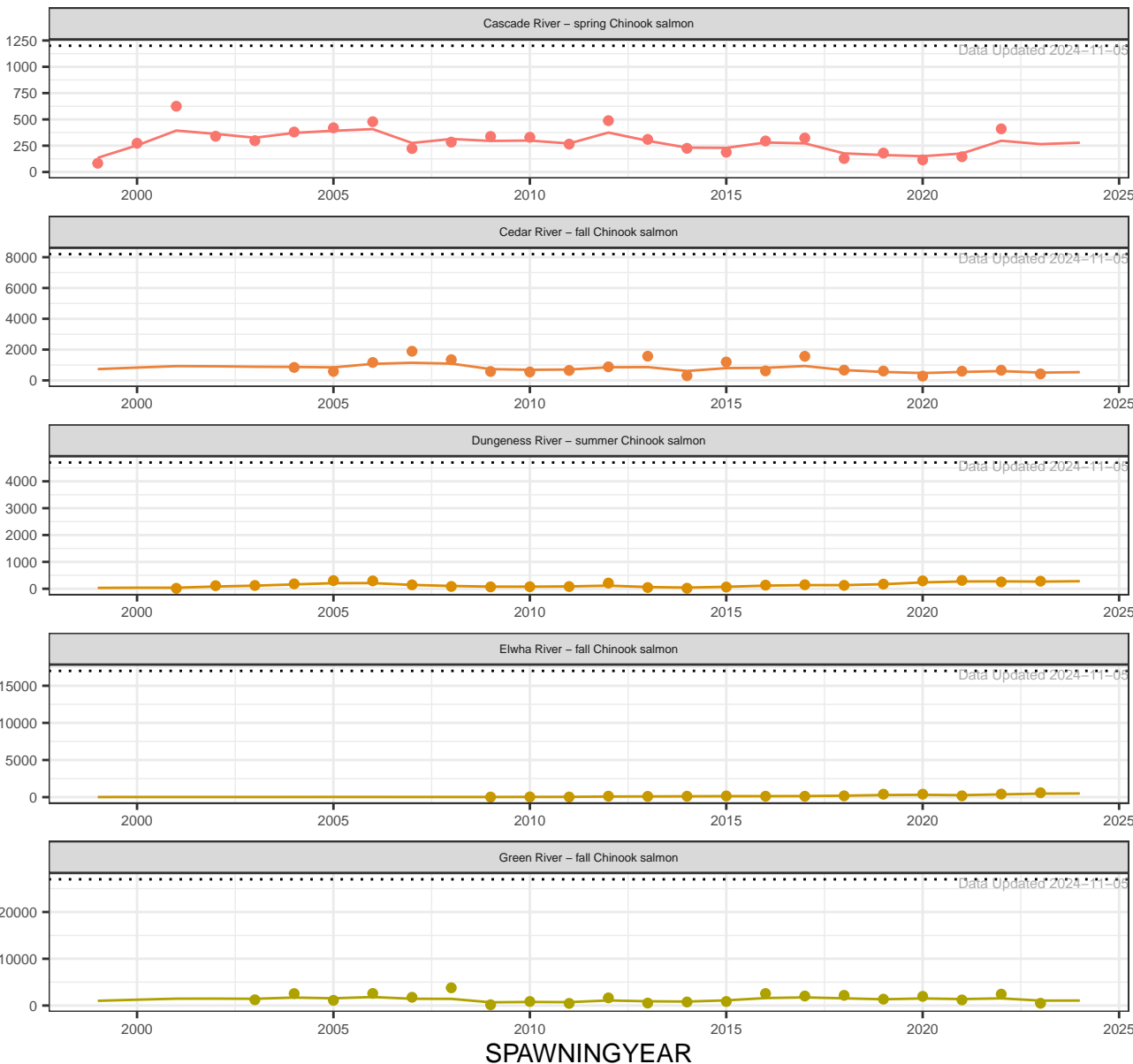
Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Puget Sound Chinook ESU



# Puget Sound Chinook ESU

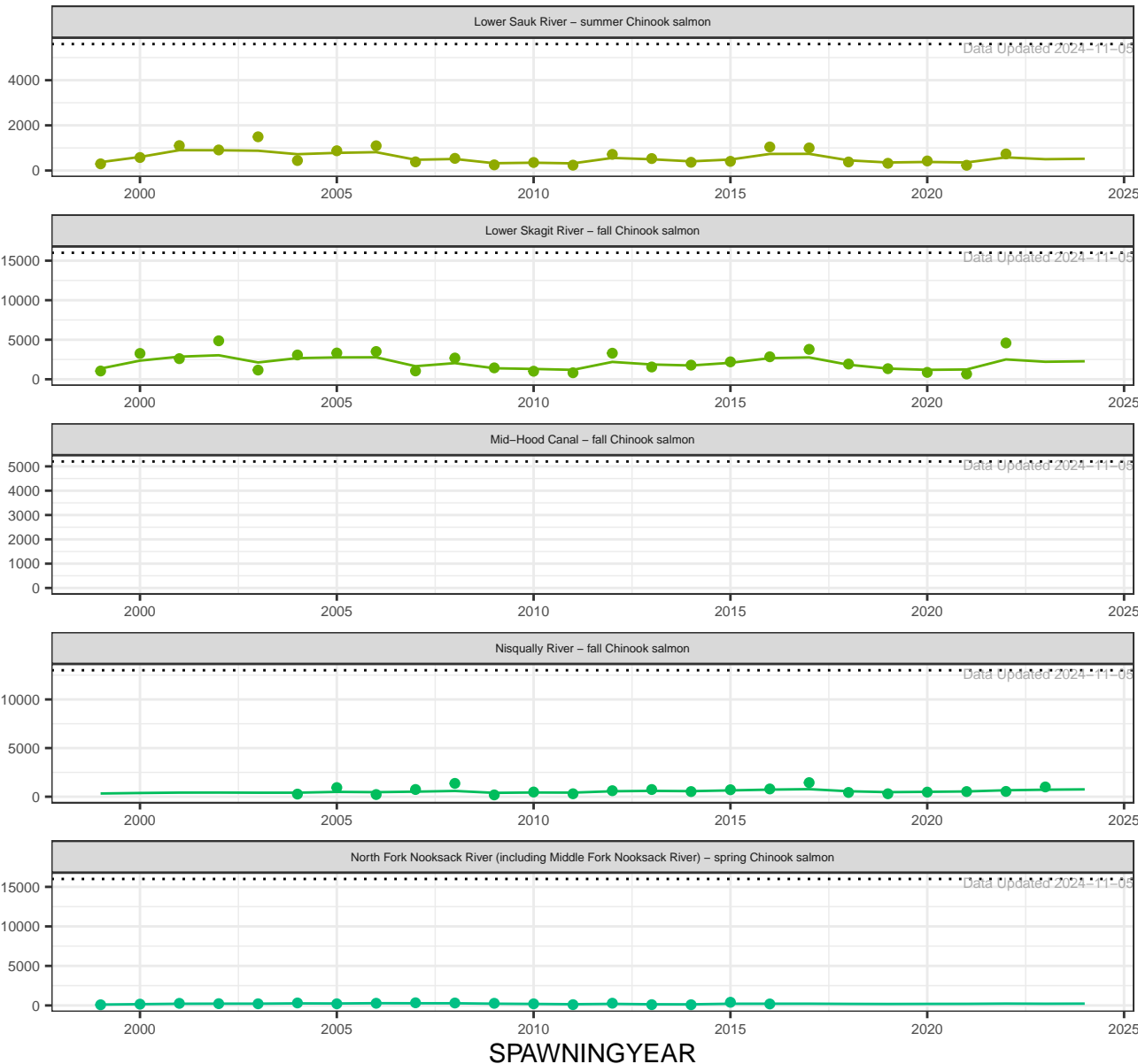
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Chinook ESU

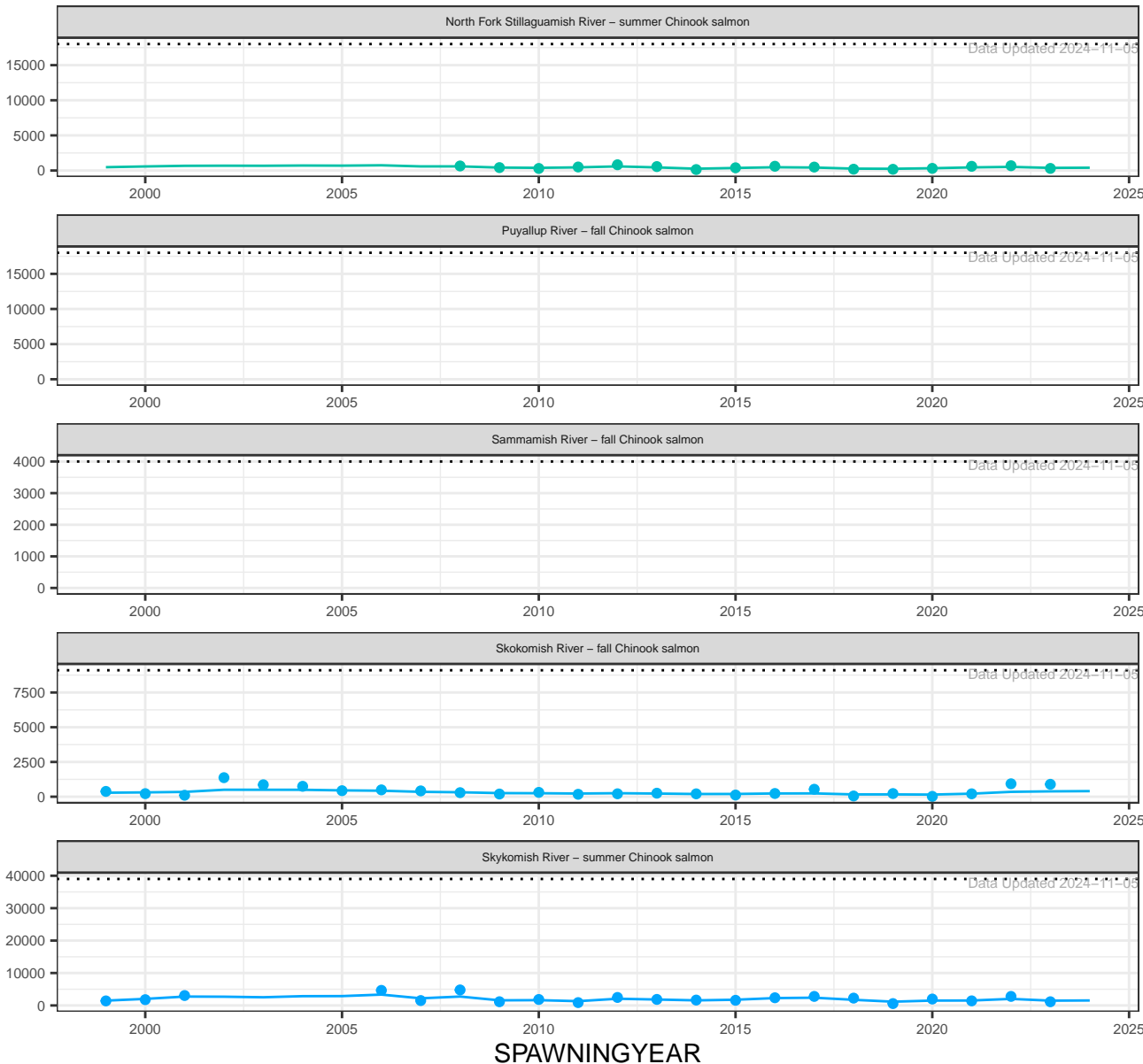
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Chinook ESU

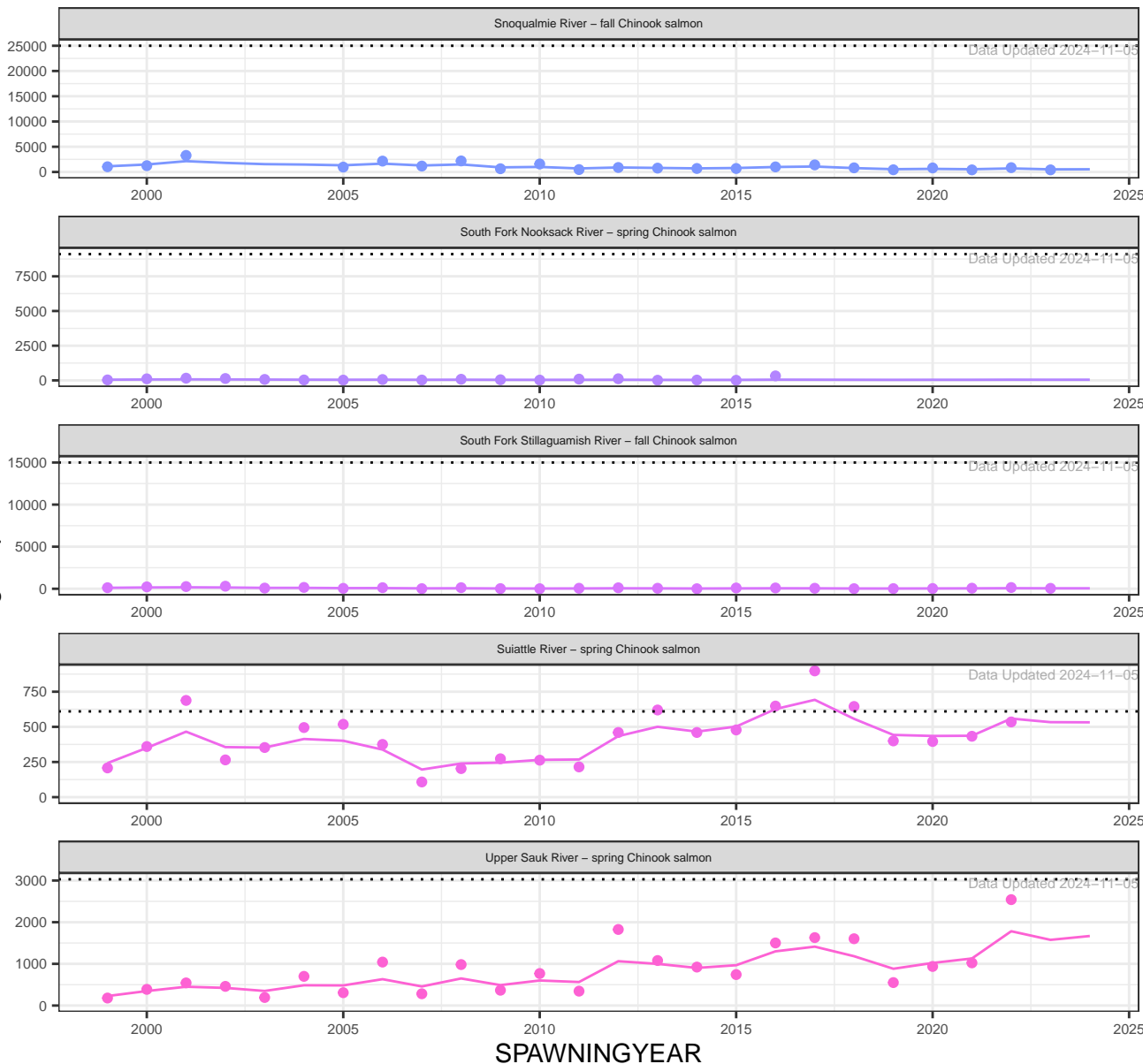
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Chinook ESU

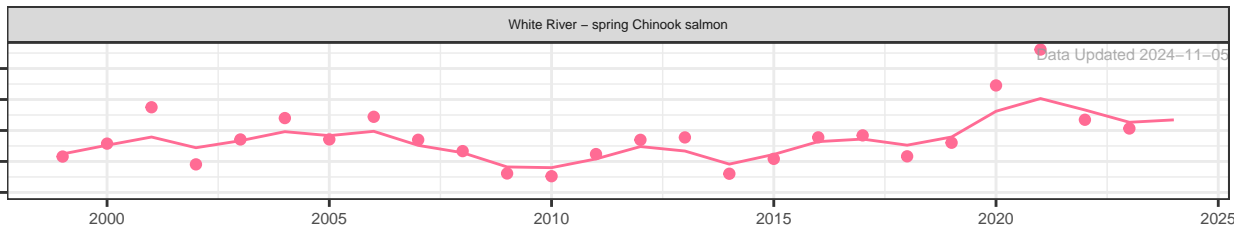
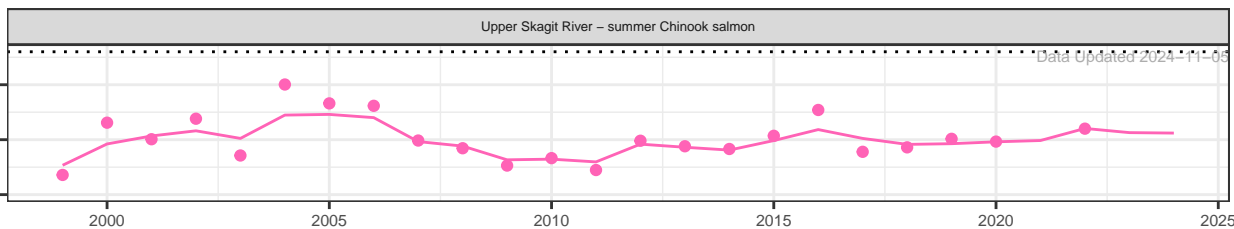
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Chinook ESU

Natural Origin Spawner Abundance

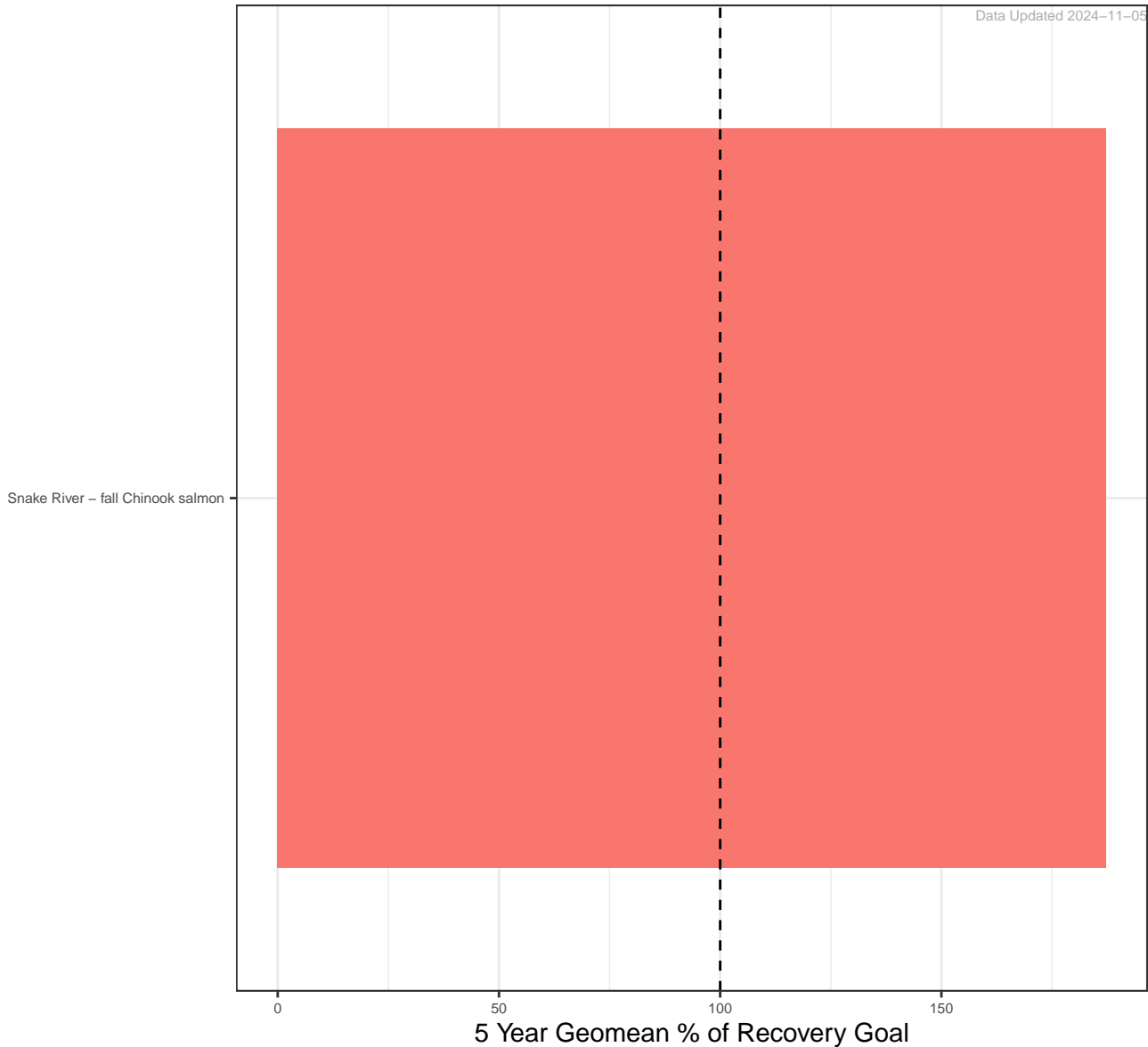


SPAWNINGYEAR

Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

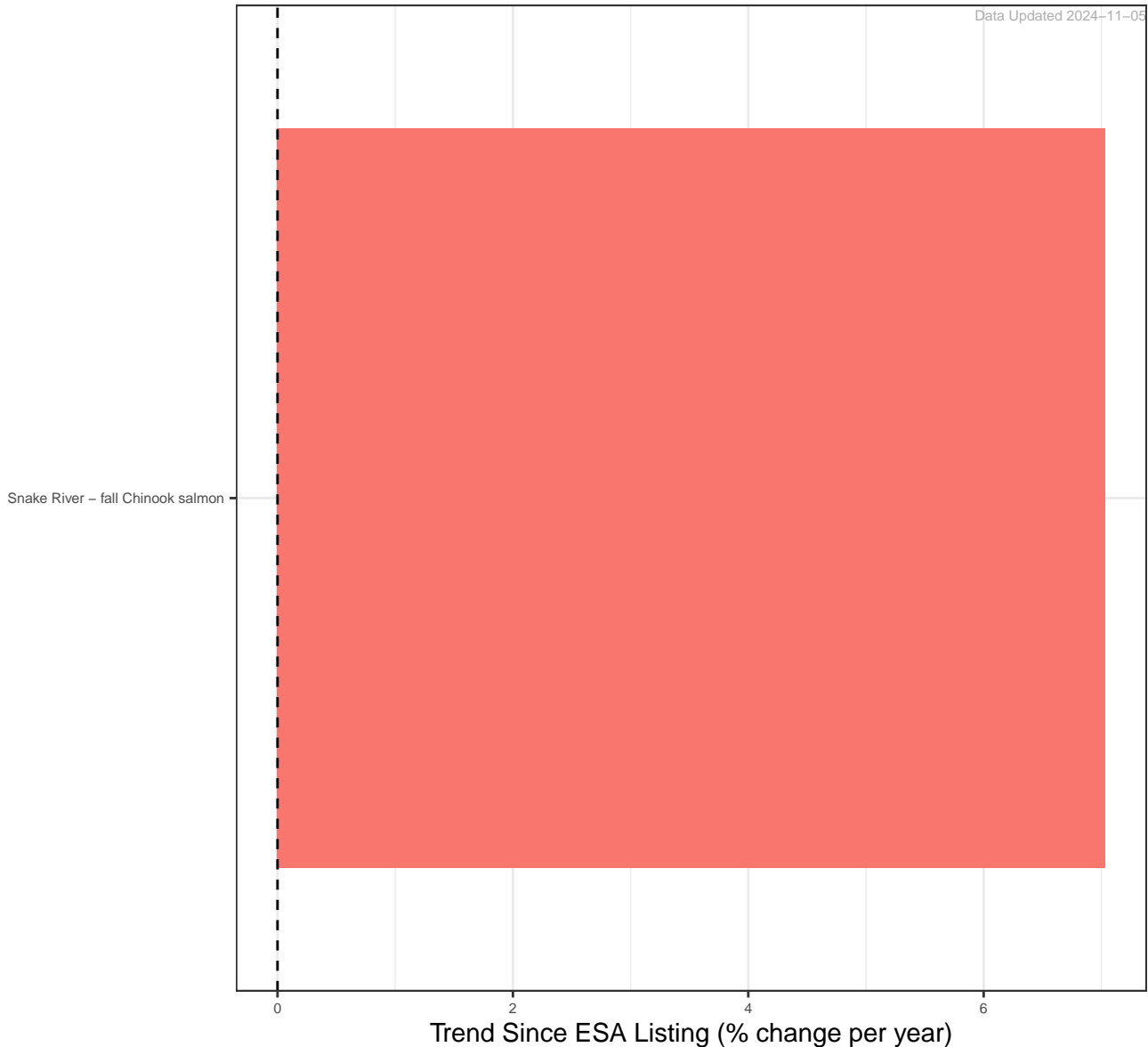


# Snake River Fall Chinook ESU



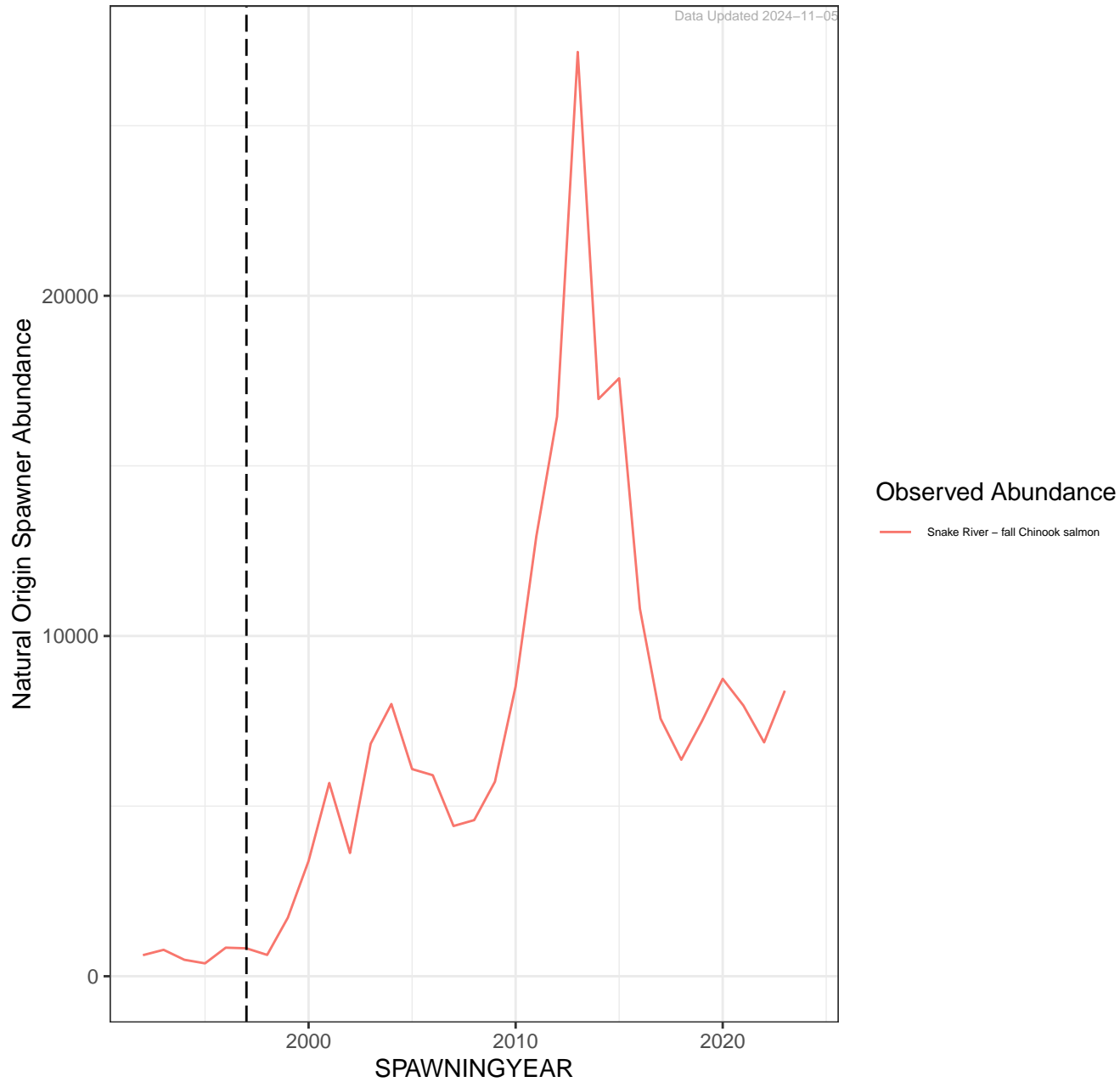
Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Snake River Fall Chinook ESU

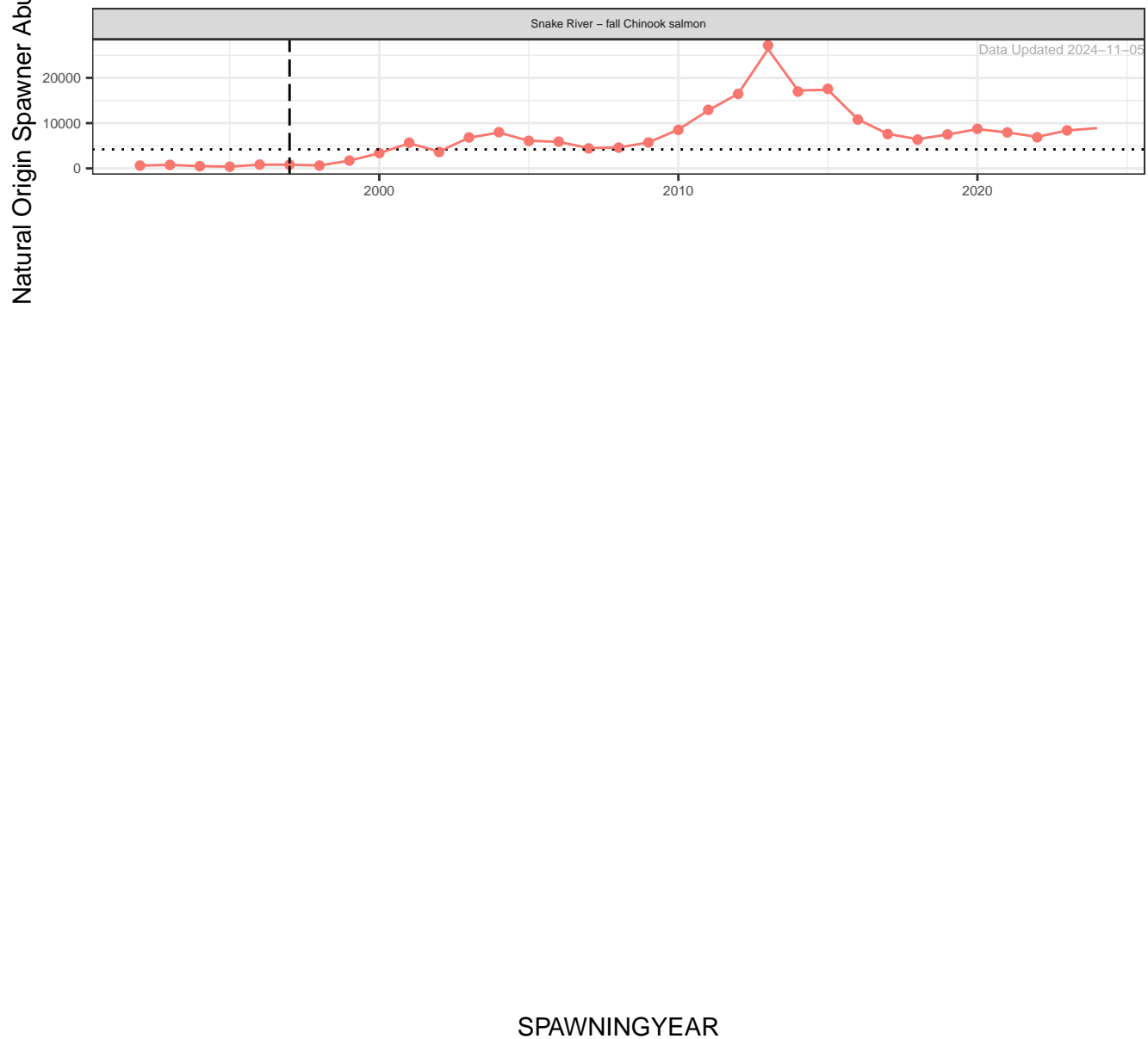


Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Snake River Fall Chinook ESU

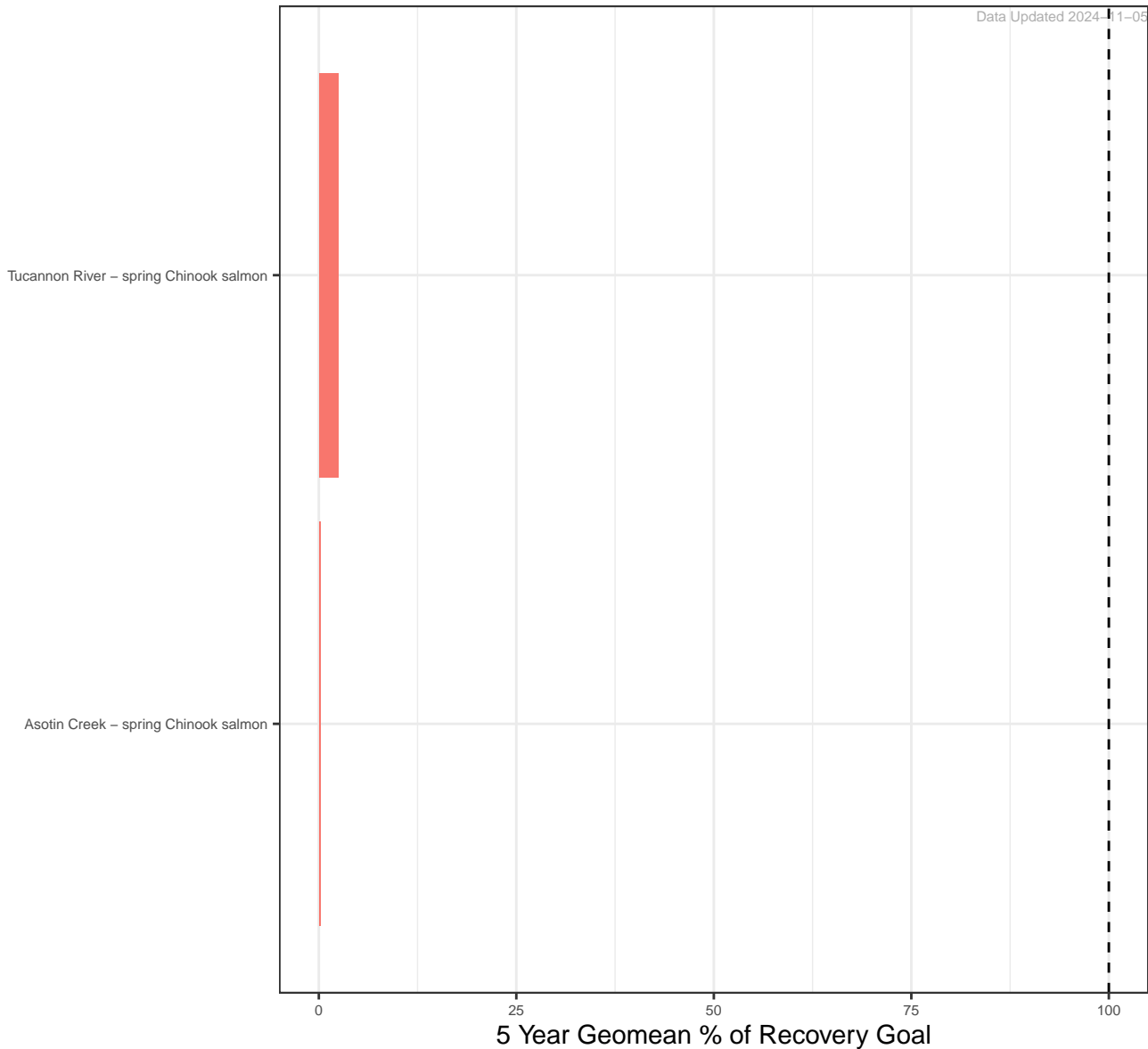


# Snake River Fall Chinook ESU



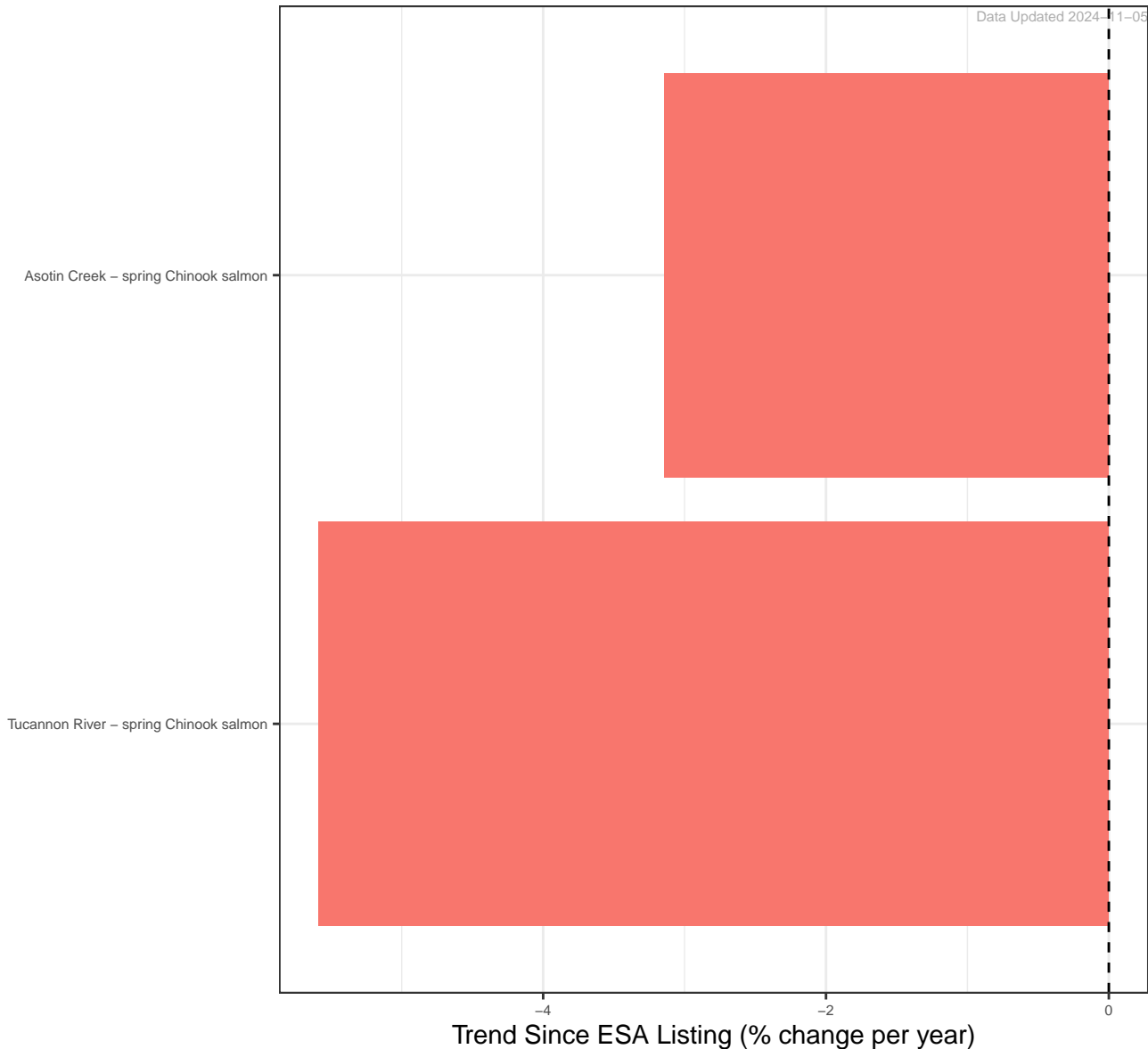
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Snake River Spring/Summer Chinook ESU



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Snake River Spring/Summer Chinook ESU



Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Snake River Spring/Summer Chinook ESU

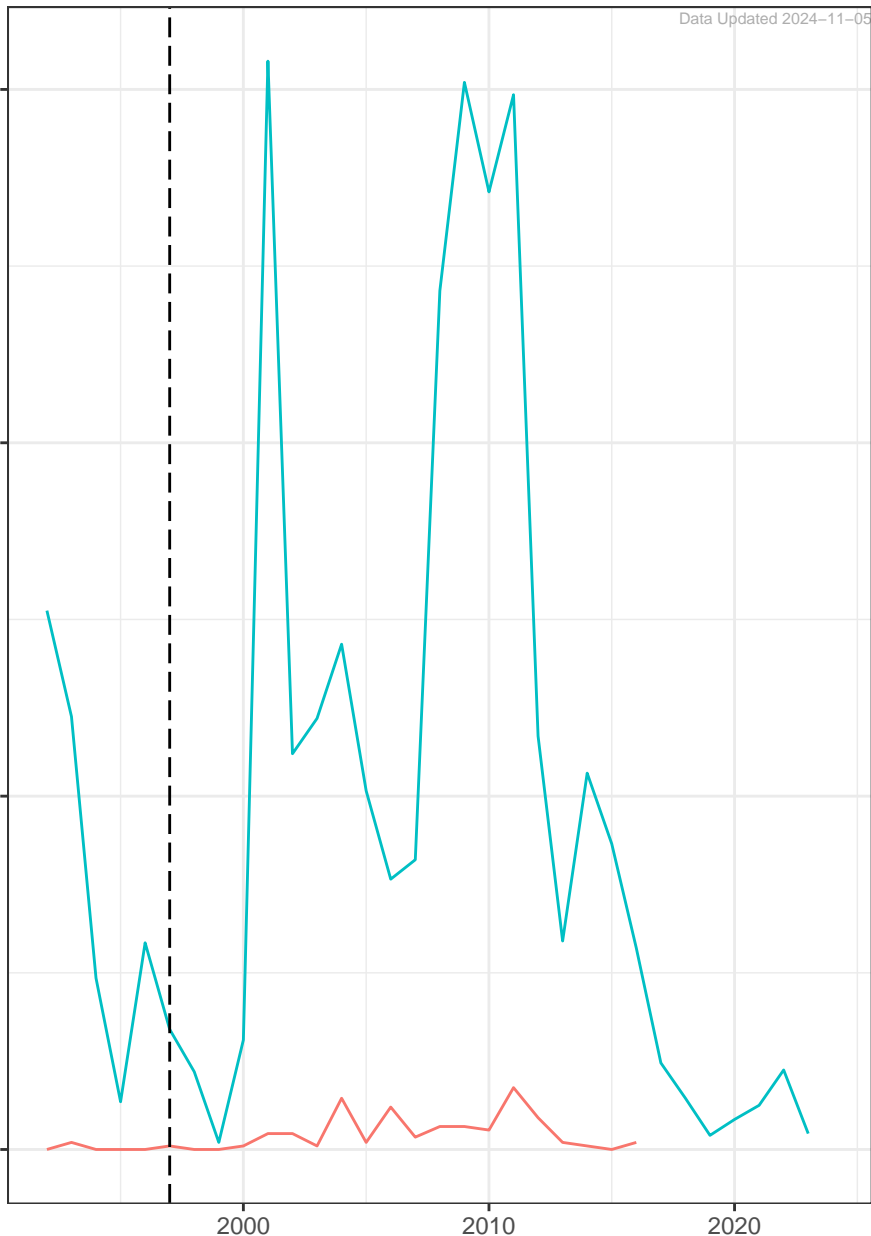
Data Updated 2024-11-05

Natural Origin Spawner Abundance

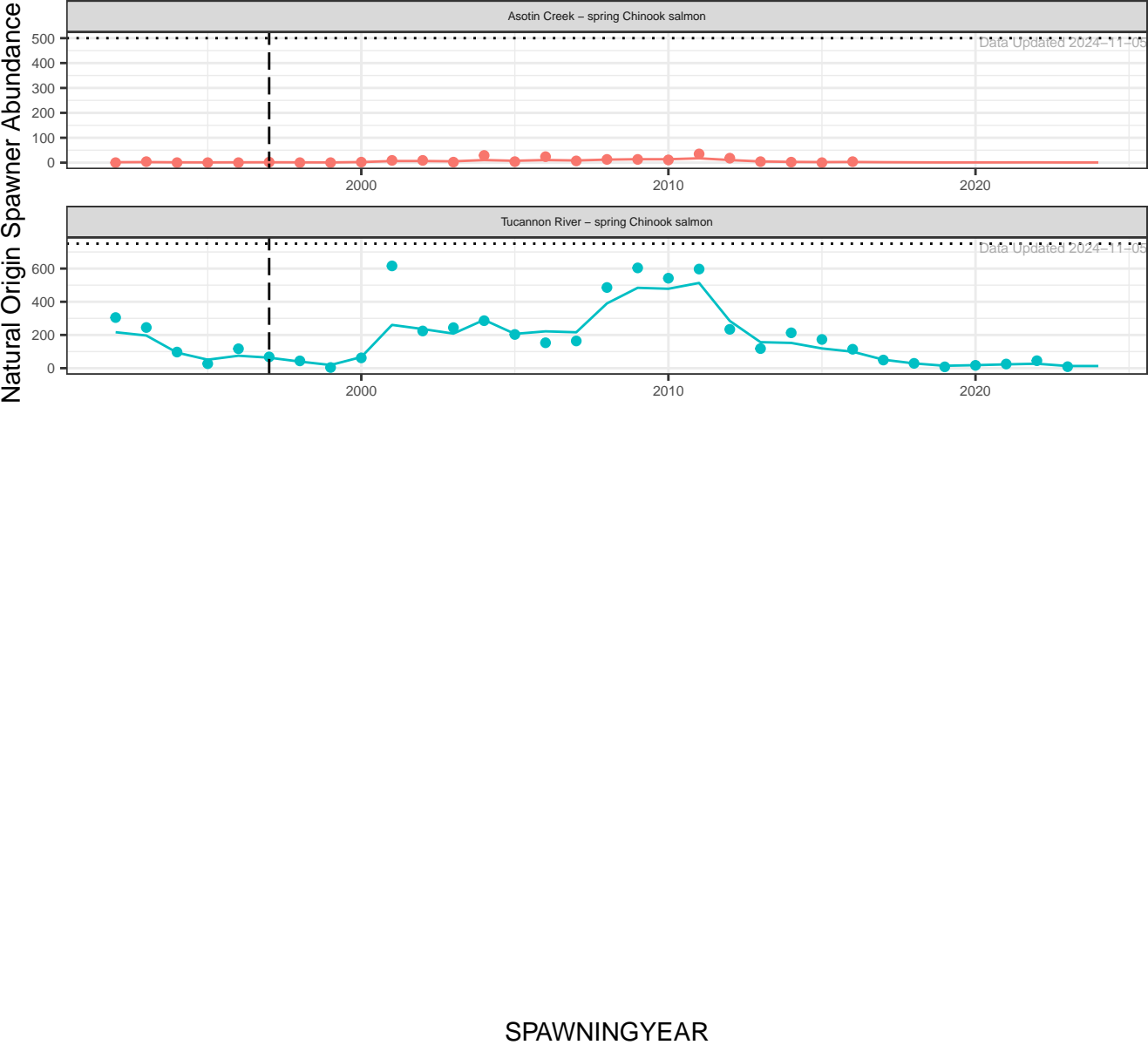
## Observed Abundance

- Asotin Creek – spring Chinook salmon
- Tucannon River – spring Chinook salmon

SPAWNINGYEAR



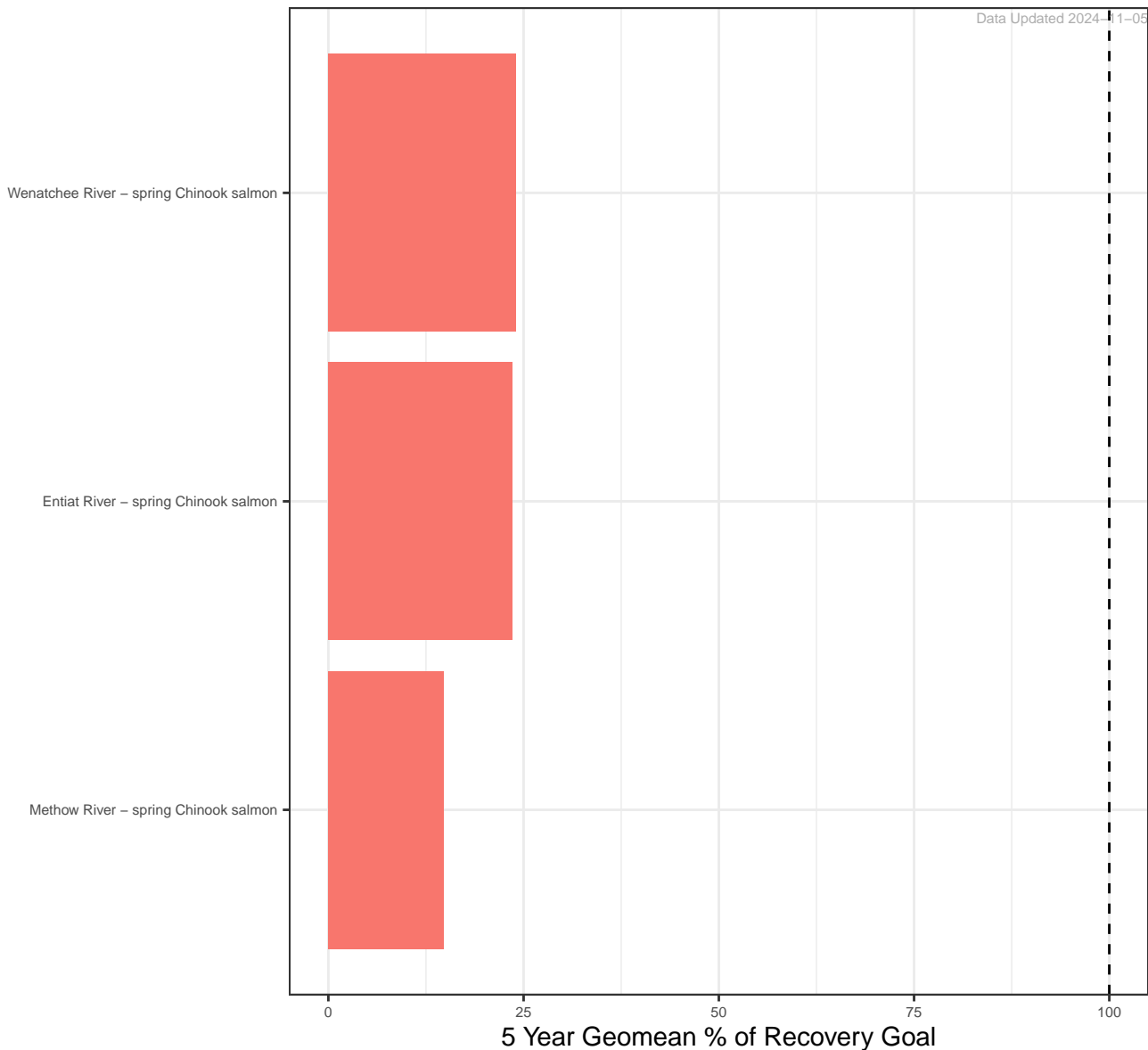
# Snake River Spring/Summer Chinook ESU



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.



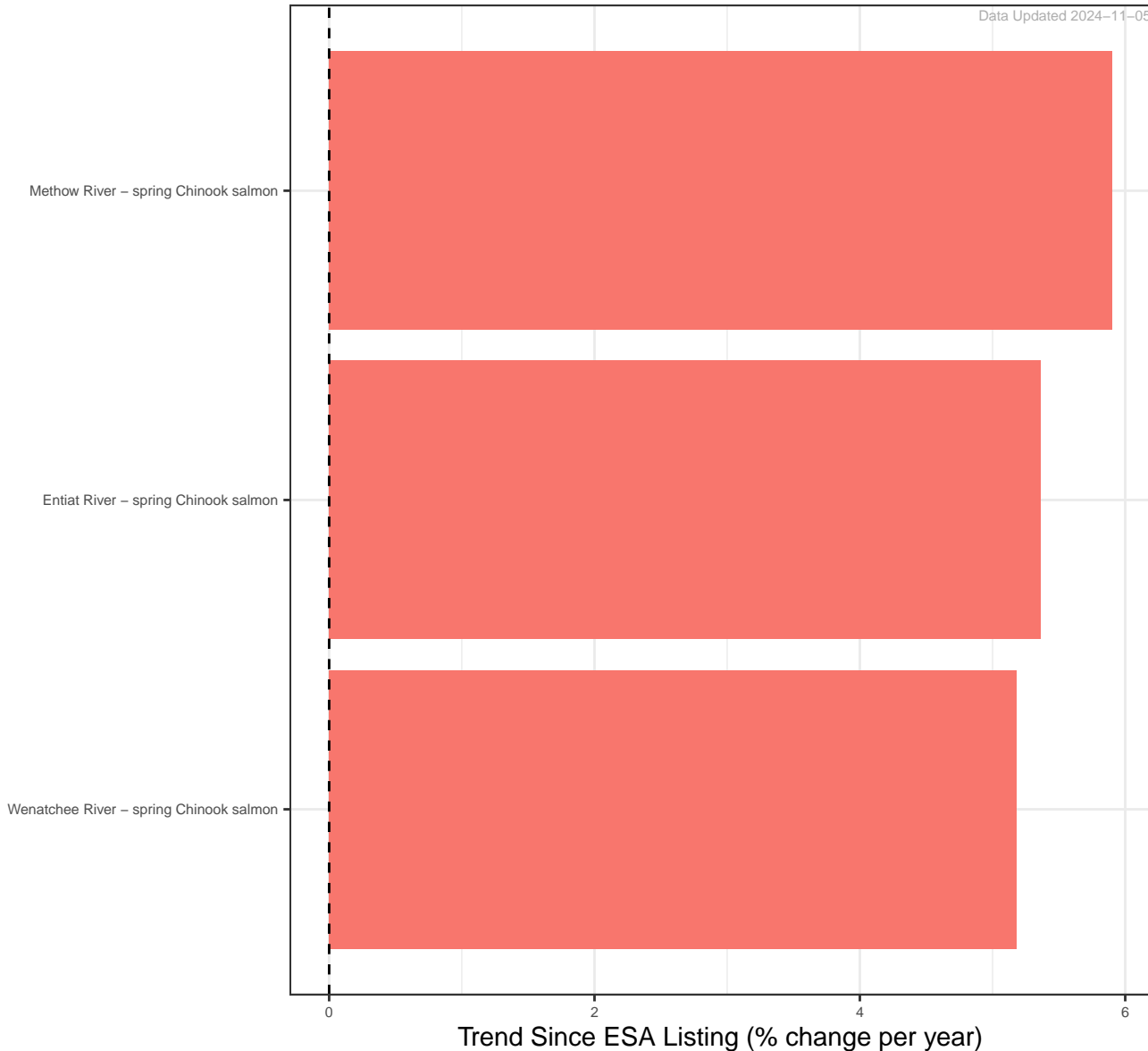
# Upper Columbia River Spring Chinook ESU



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Upper Columbia River Spring Chinook ESU

Data Updated 2024-11-05



Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

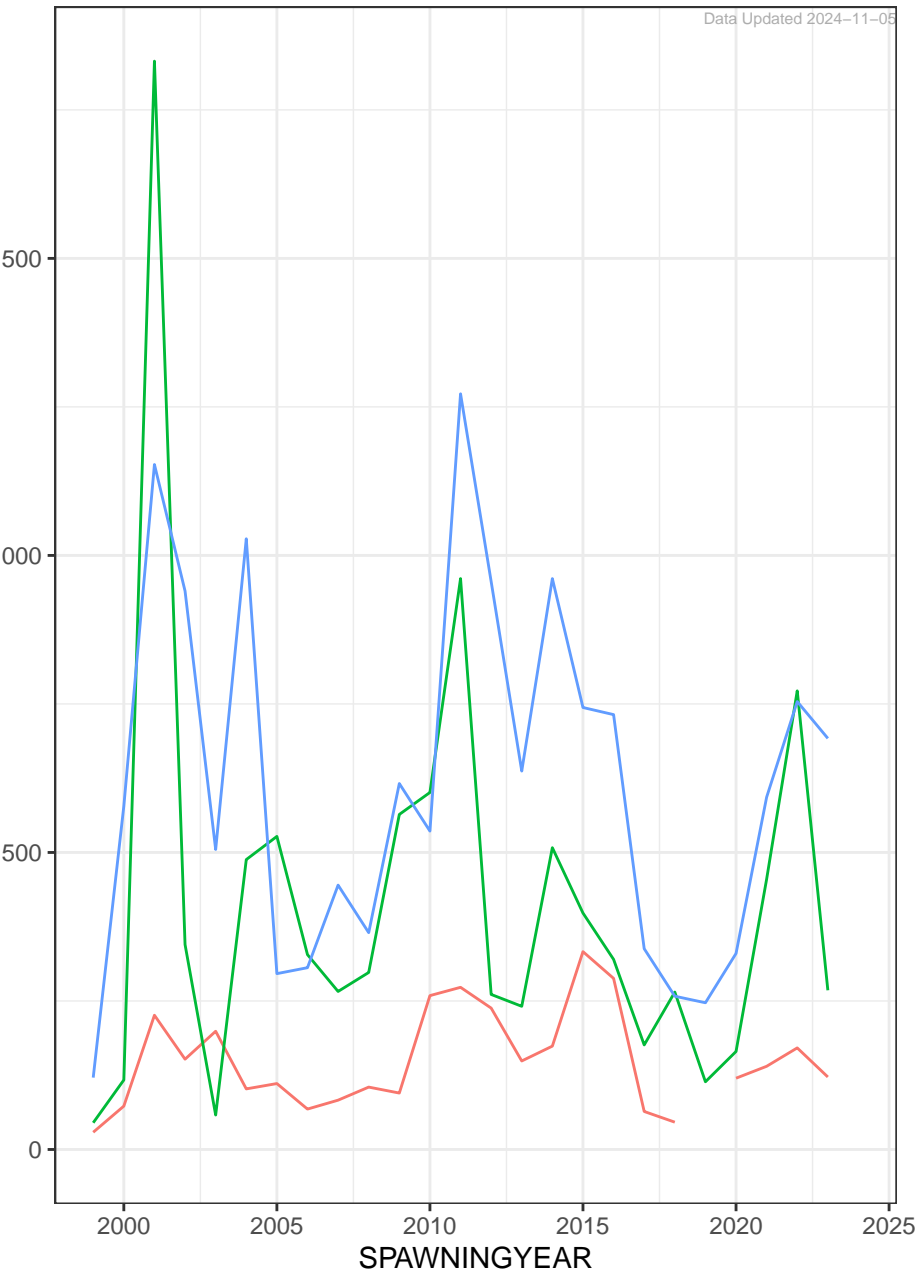
# Upper Columbia River Spring Chinook ESU

Data Updated 2024-11-05

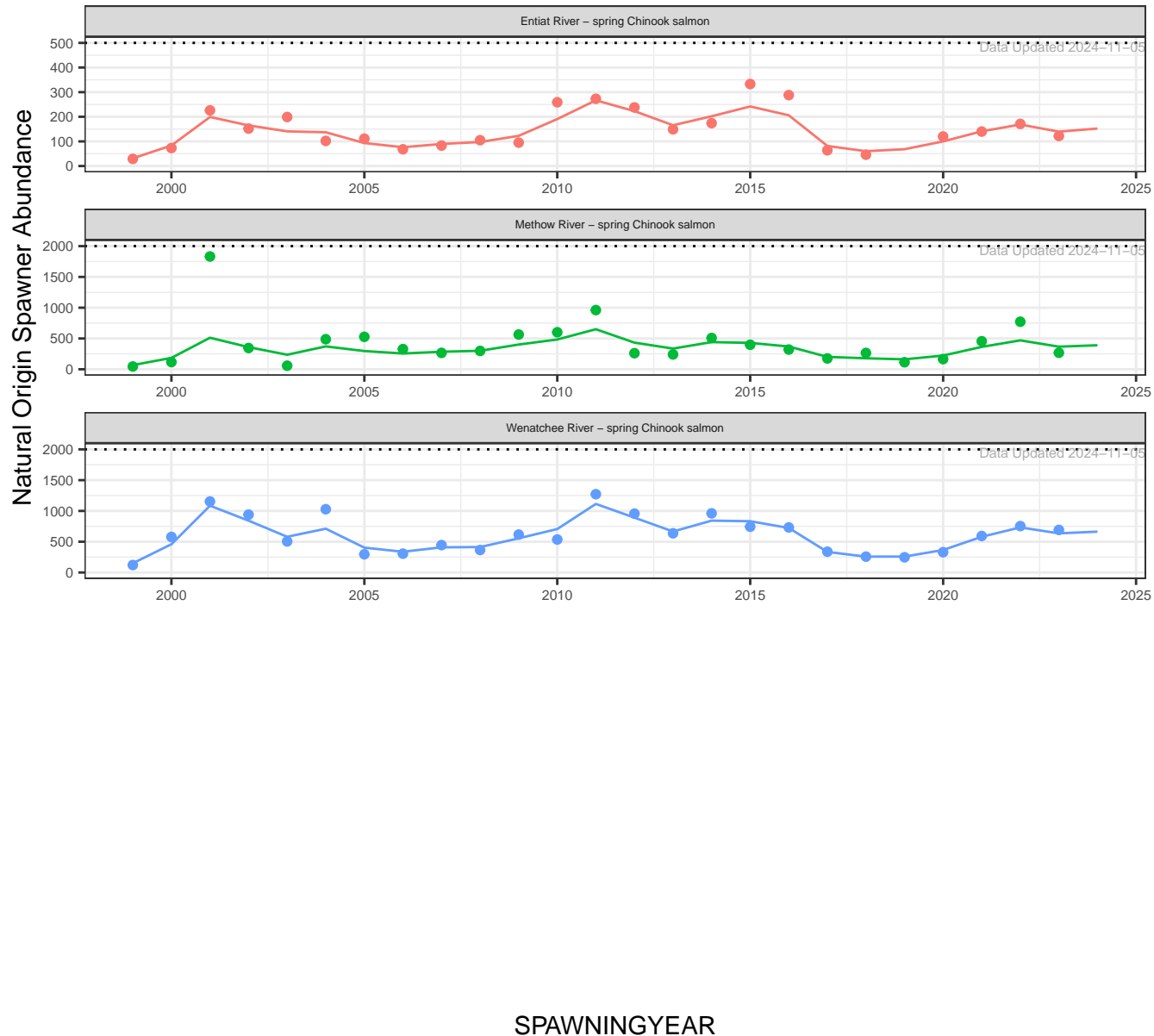
Natural Origin Spawner Abundance

## Observed Abundance

- Entiat River – spring Chinook salmon
- Methow River – spring Chinook salmon
- Wenatchee River – spring Chinook salmon

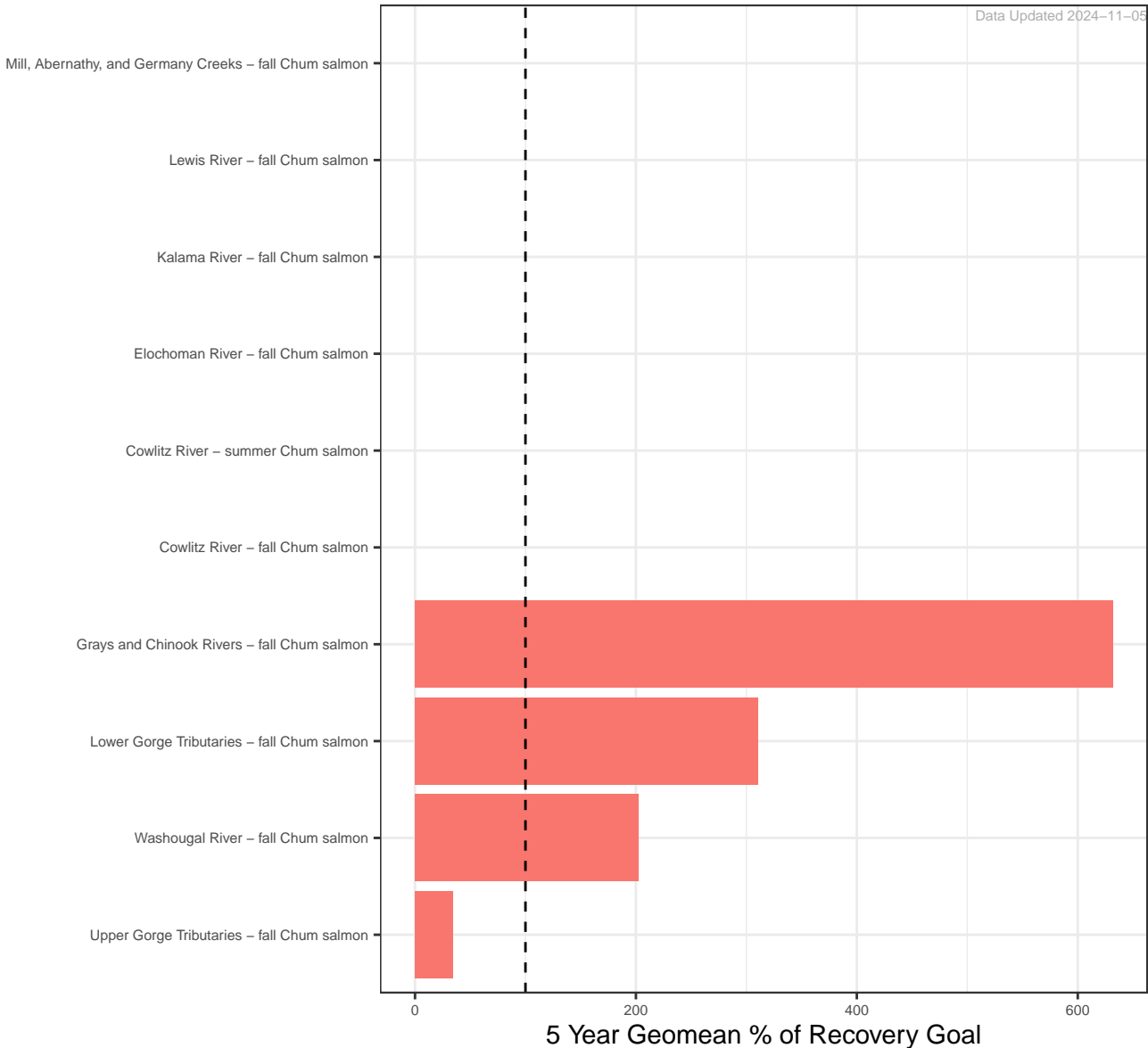


# Upper Columbia River Spring Chinook ESU



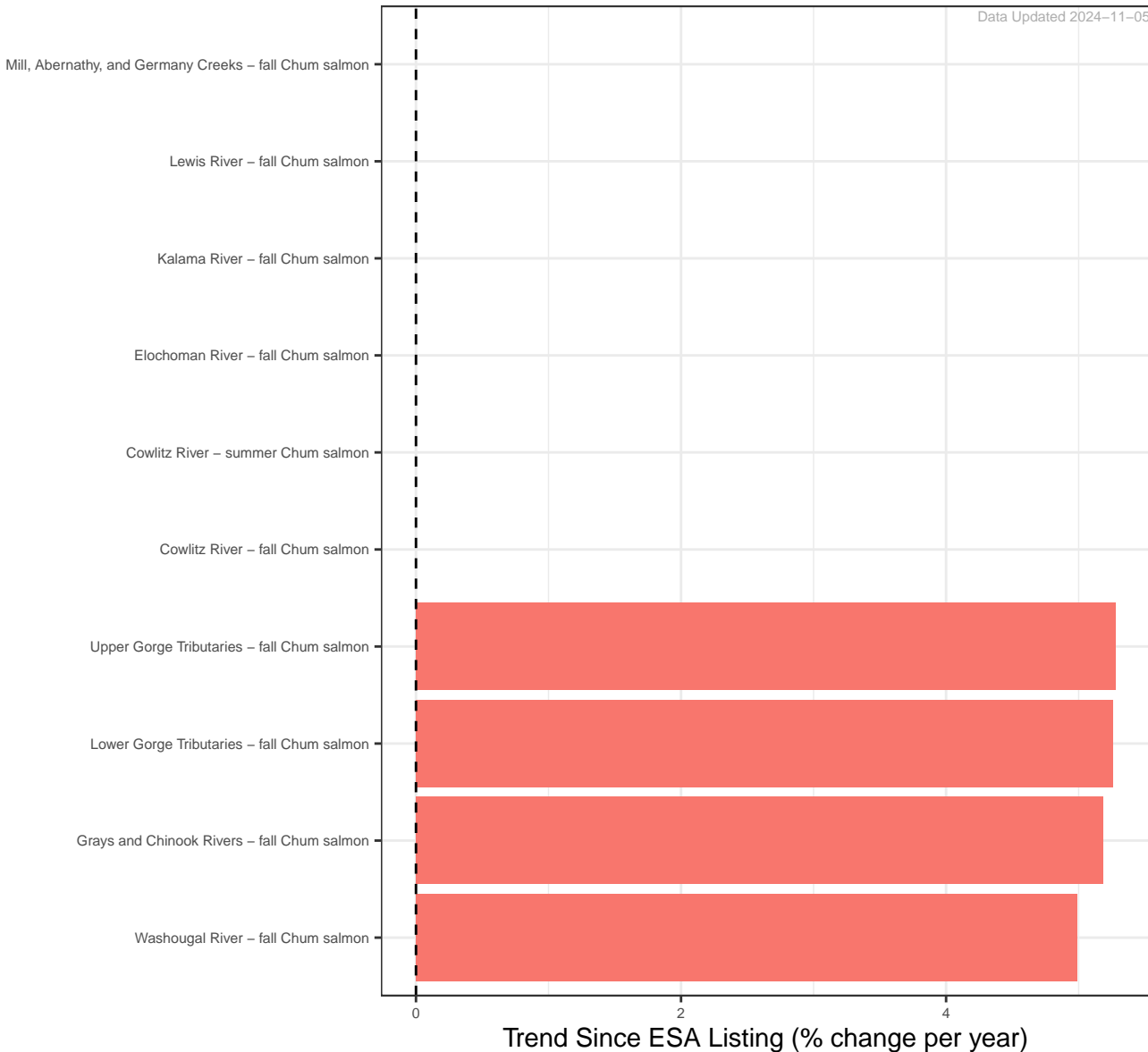
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Columbia River Chum ESU



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

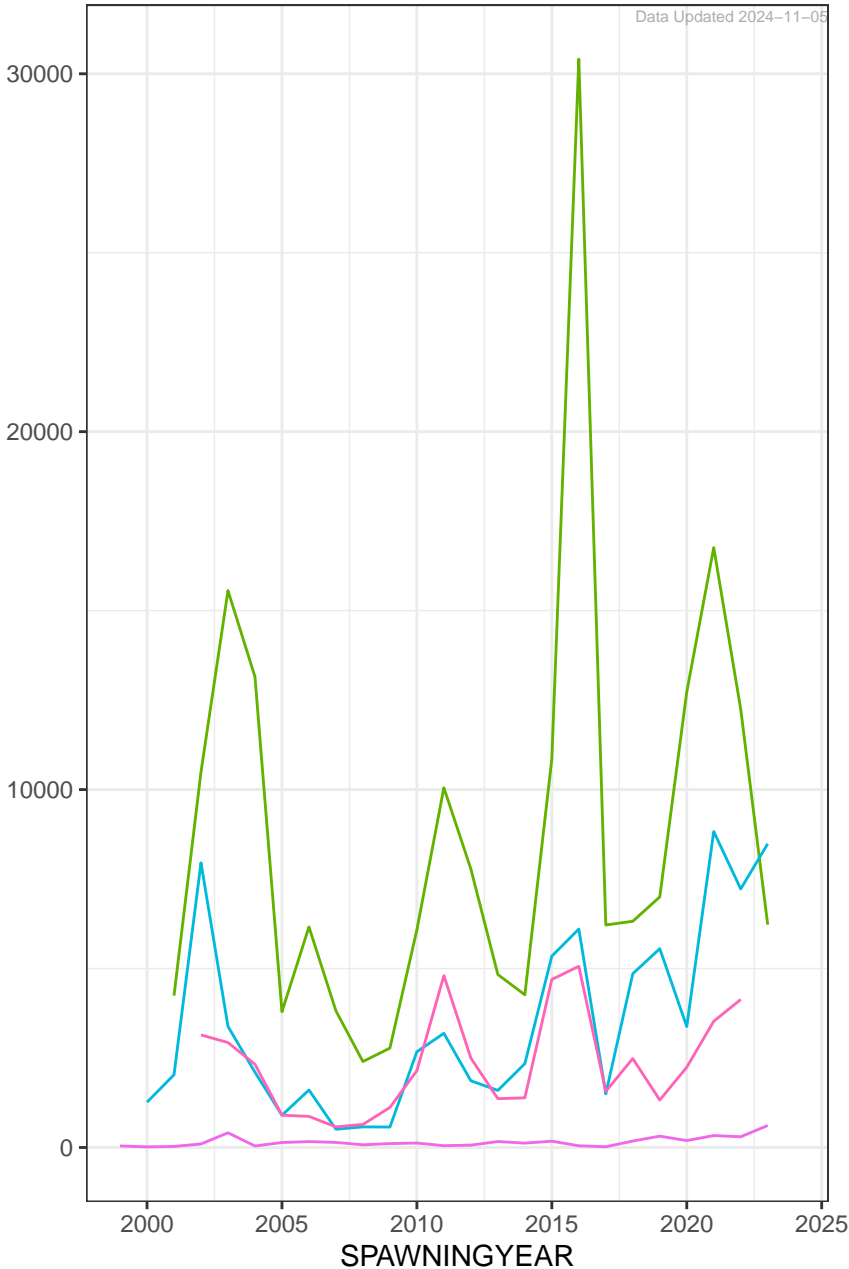
# Columbia River Chum ESU



Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Columbia River Chum ESU

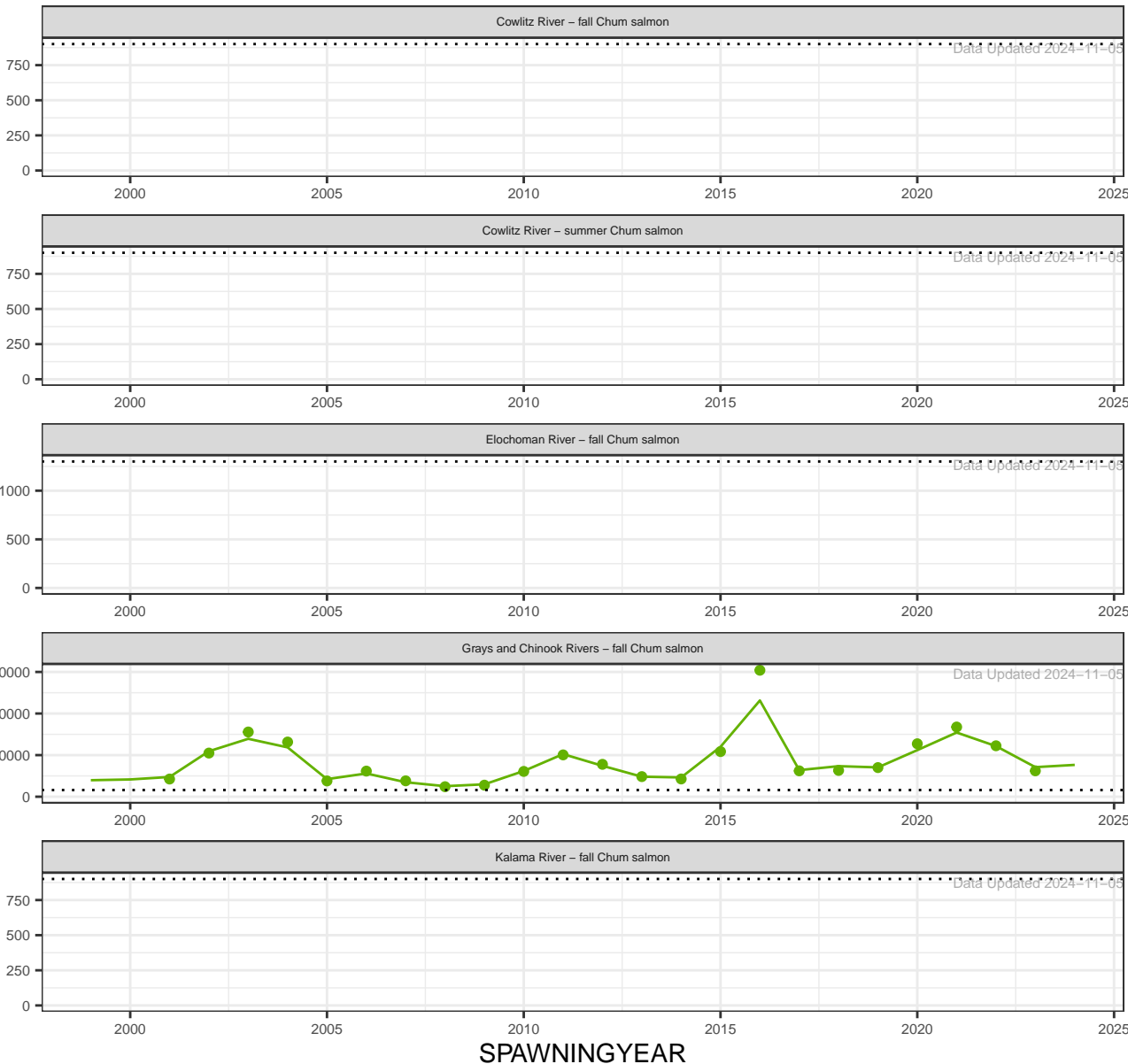
Natural Origin Spawner Abundance



## Observed Abundance

- Cowlitz River – fall Chum salmon
- Cowlitz River – summer Chum salmon
- Elochoman River – fall Chum salmon
- Grays and Chinook Rivers – fall Chum salmon
- Kalama River – fall Chum salmon
- Lewis River – fall Chum salmon
- Lower Gorge Tributaries – fall Chum salmon
- Mill, Abernathy, and Germany Creeks – fall Chum salmon
- Salmon Creek – fall Chum salmon
- Upper Gorge Tributaries – fall Chum salmon
- Washougal River – fall Chum salmon

# Columbia River Chum ESU

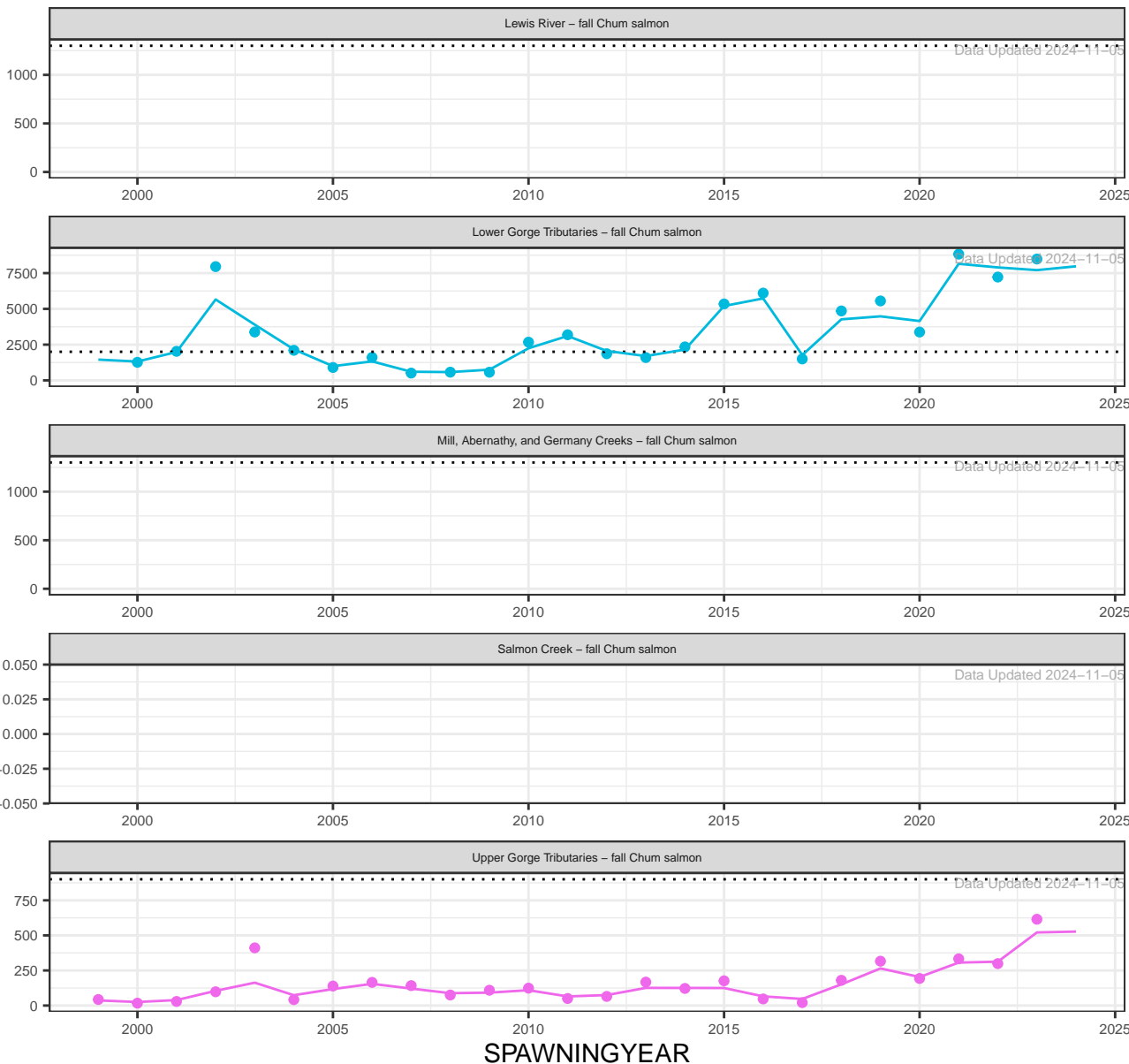


Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.



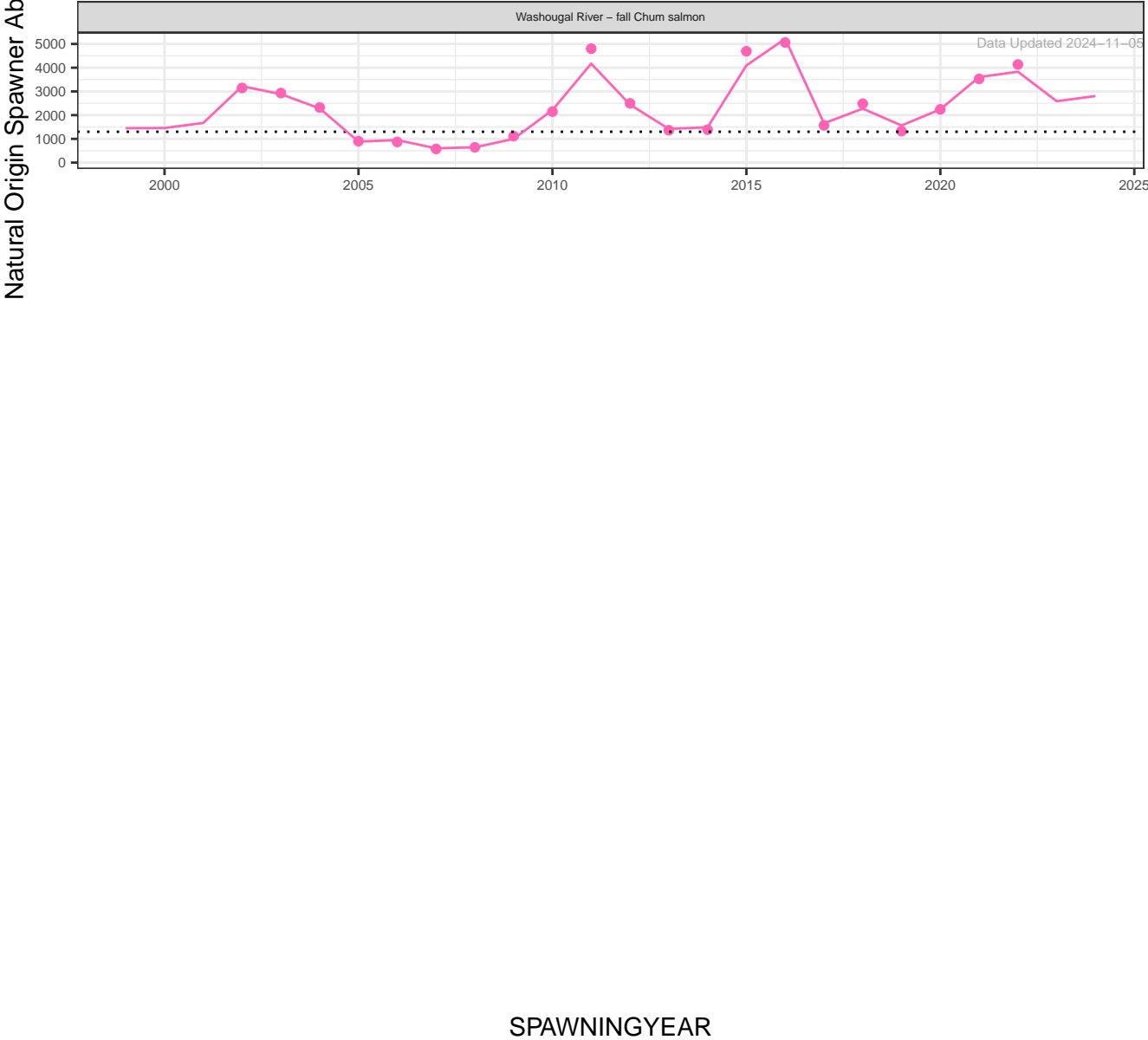
# Columbia River Chum ESU

Natural Origin Spawner Abundance



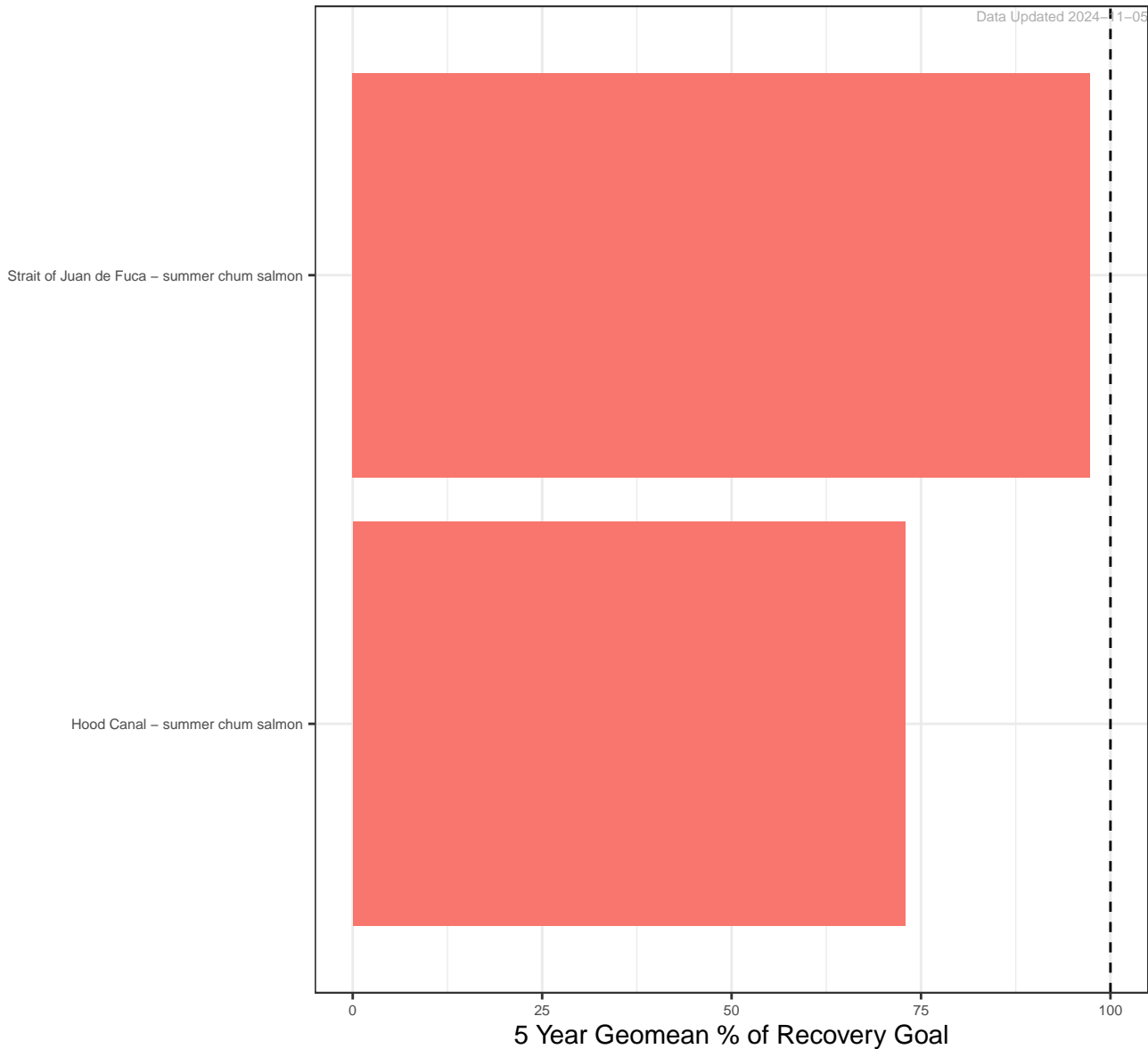
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Columbia River Chum ESU



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Hood Canal Summer Chum ESU



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Hood Canal Summer Chum ESU

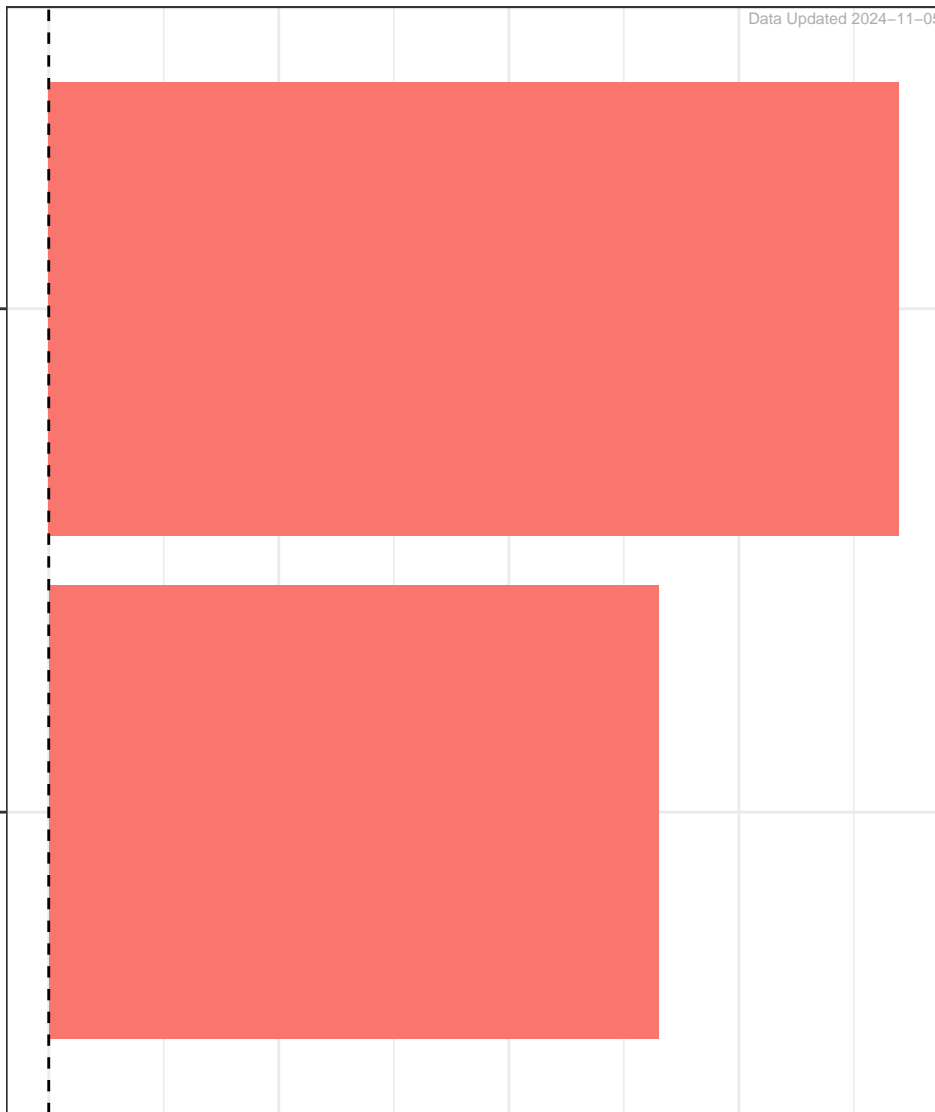
Data Updated 2024-11-05

Strait of Juan de Fuca – summer chum salmon

Hood Canal – summer chum salmon

Trend Since ESA Listing (% change per year)

Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.



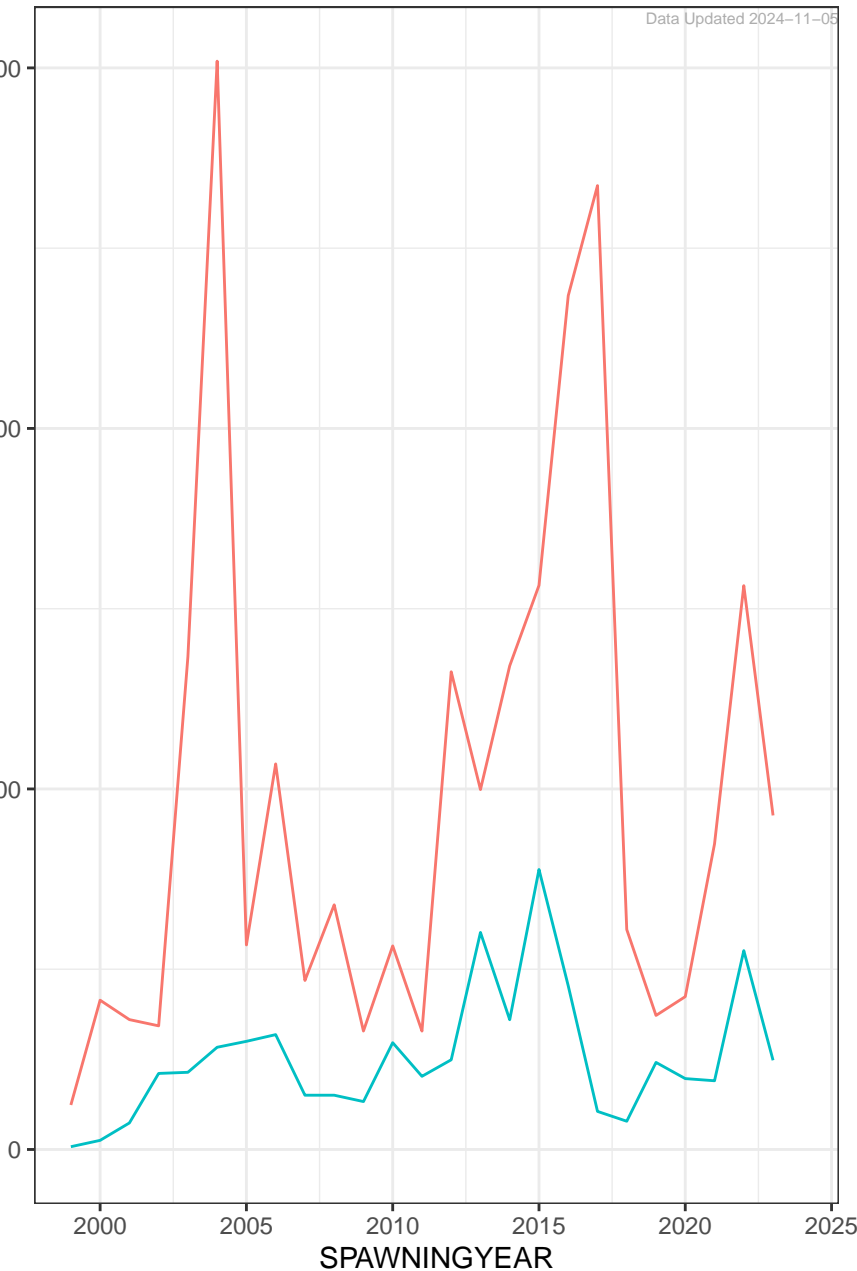
# Hood Canal Summer Chum ESU

Data Updated 2024-11-05

Natural Origin Spawner Abundance

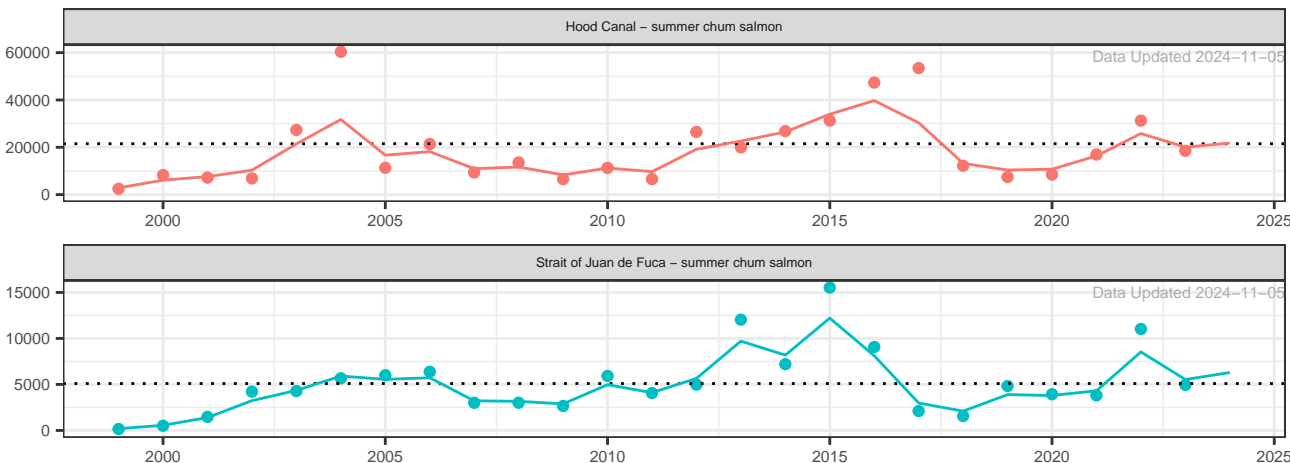
## Observed Abundance

- Hood Canal – summer chum salmon
- Strait of Juan de Fuca – summer chum salmon



# Hood Canal Summer Chum ESU

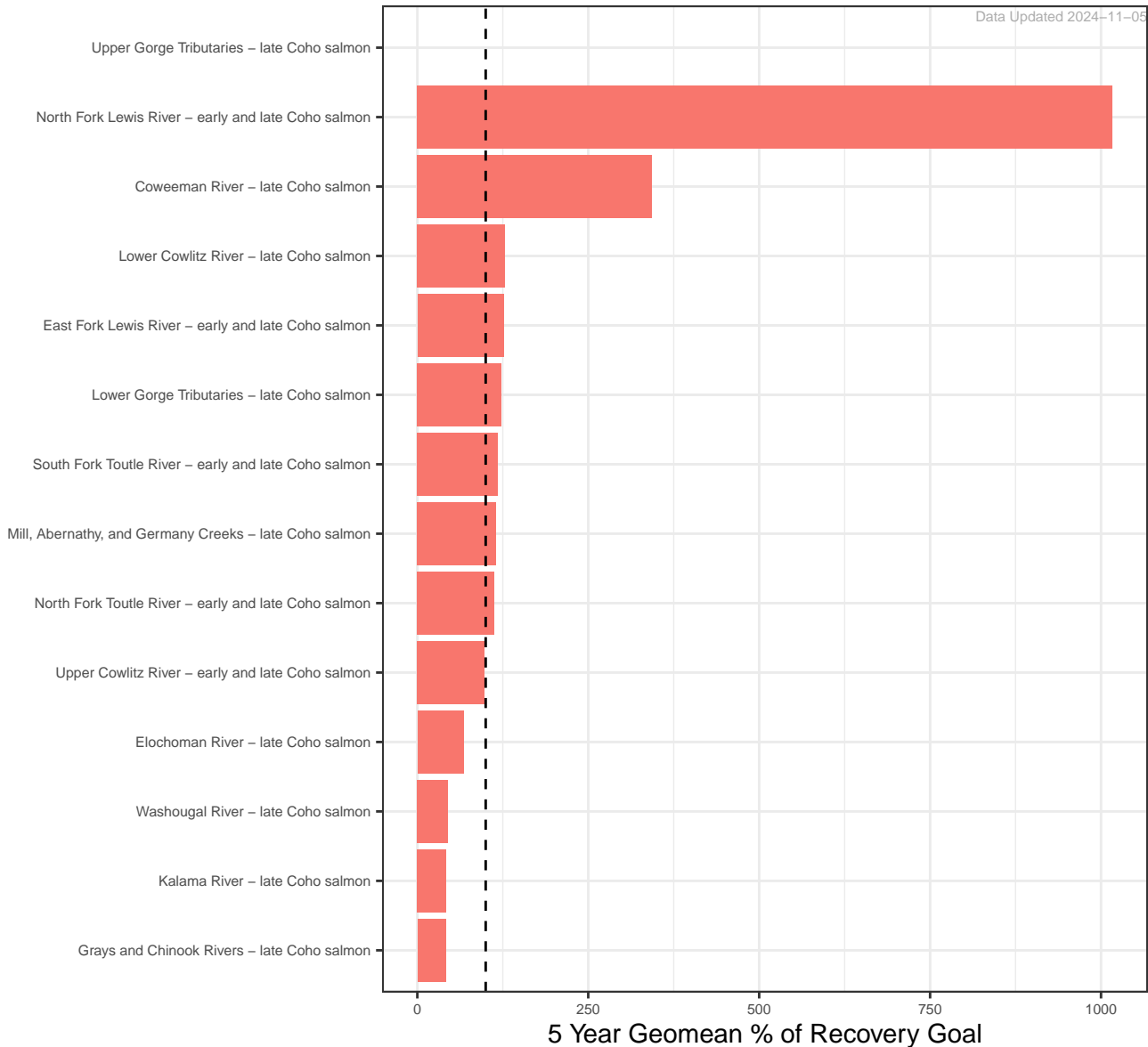
Natural Origin Spawner Abundance



SPAWNINGYEAR

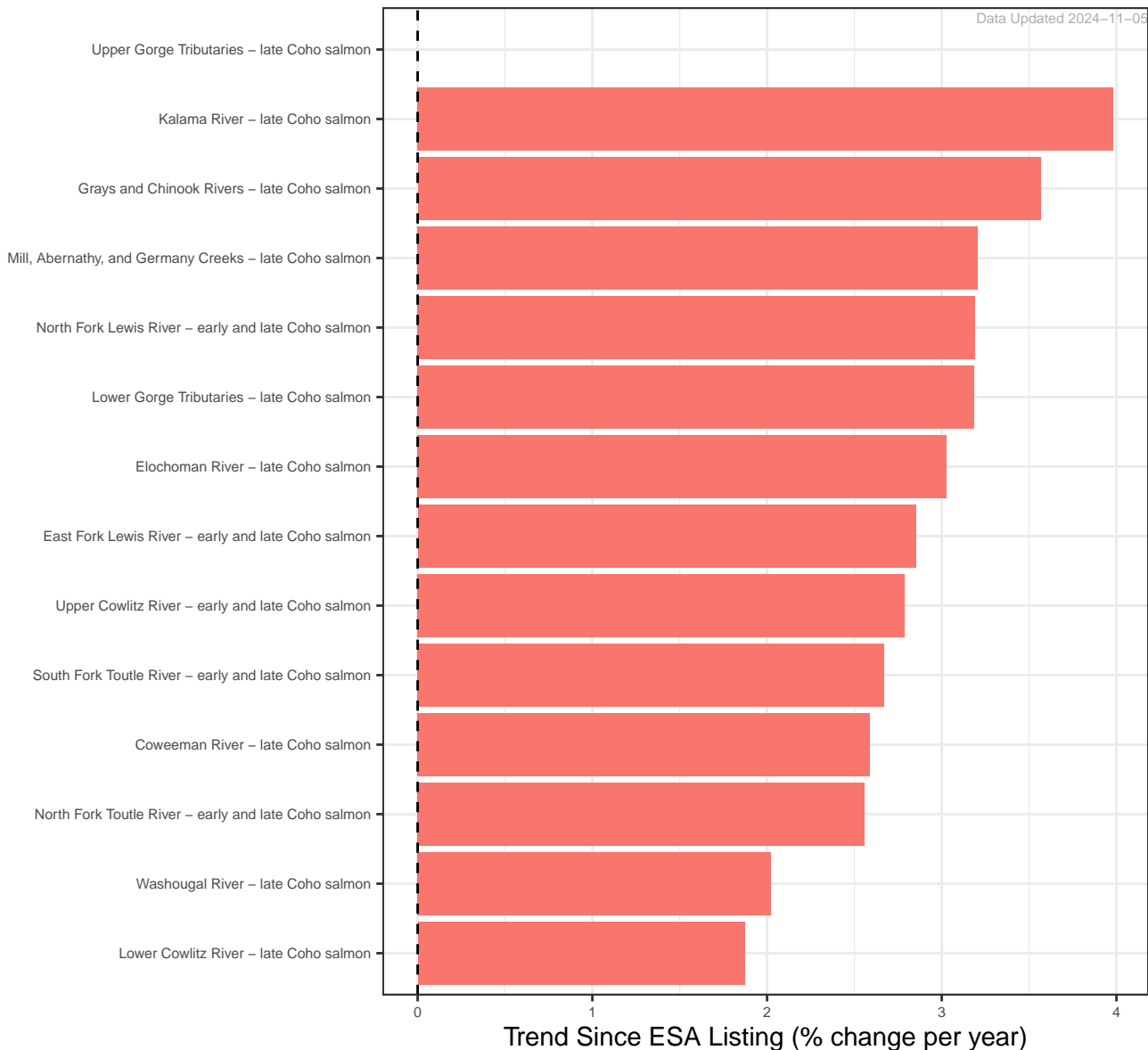
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Coho ESU



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

# Lower Columbia River Coho ESU



Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.



# Lower Columbia River Coho ESU

Natural Origin Spawner Abundance

20000

10000

0

2005

2010

2015

2020

SPAWNINGYEAR

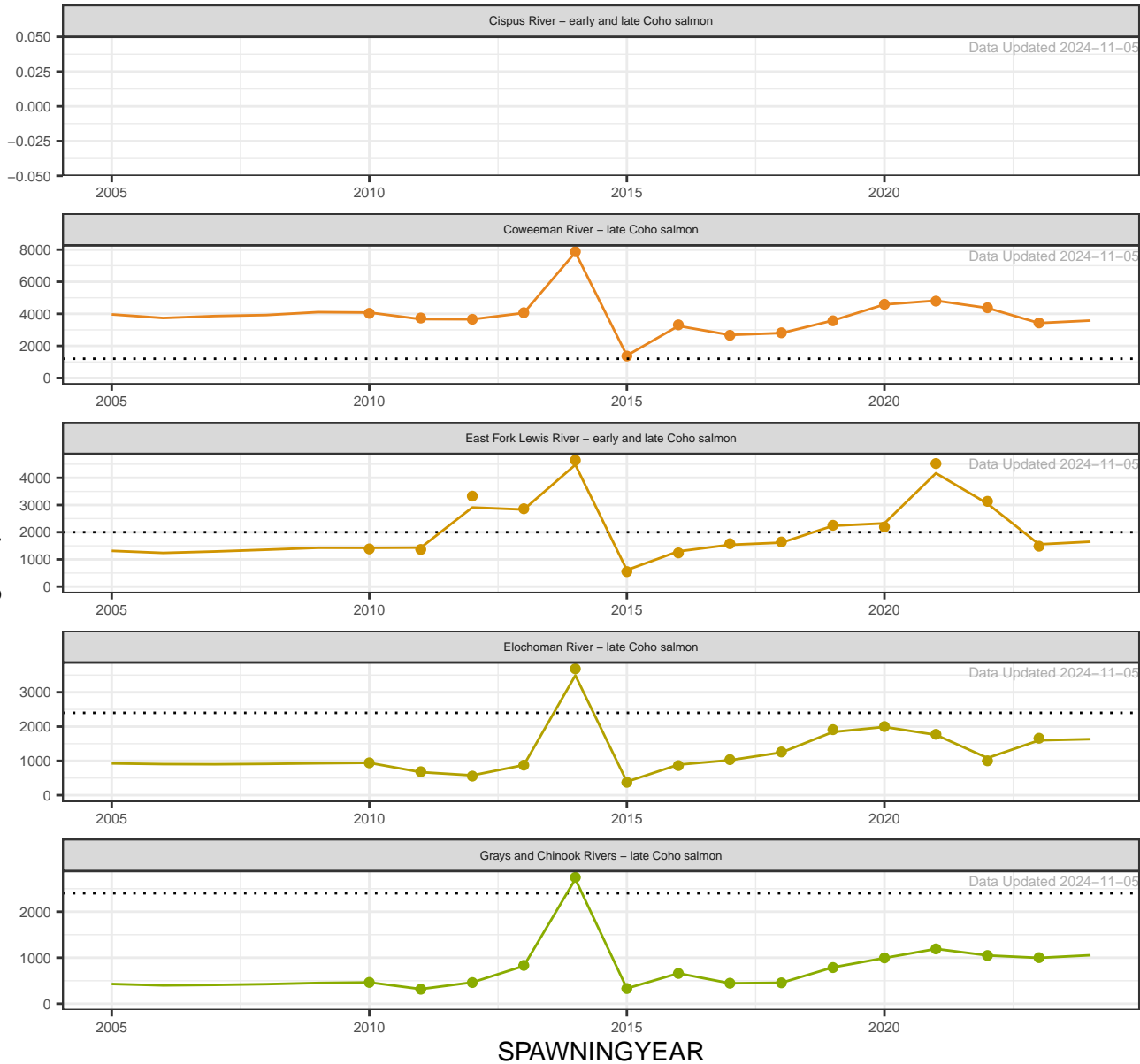
Data Updated 2024-11-05

## Observed Abundance

- Cispus River – early and late Coho salmon
- Coweeman River – late Coho salmon
- East Fork Lewis River – early and late Coho salmon
- Elochoman River – late Coho salmon
- Grays and Chinook Rivers – late Coho salmon
- Kalama River – late Coho salmon
- Lower Cowlitz River – late Coho salmon
- Lower Gorge Tributaries – late Coho salmon
- Mill, Abernathy, and Germany Creeks – late Coho salmon
- North Fork Lewis River – early and late Coho salmon
- North Fork Toutle River – early and late Coho salmon
- Salmon Creek – late Coho salmon
- South Fork Toutle River – early and late Coho salmon
- Tilton River – early and late Coho salmon
- Upper Cowlitz River – early and late Coho salmon
- Upper Gorge Tributaries – late Coho salmon
- Washougal River – late Coho salmon

# Lower Columbia River Coho ESU

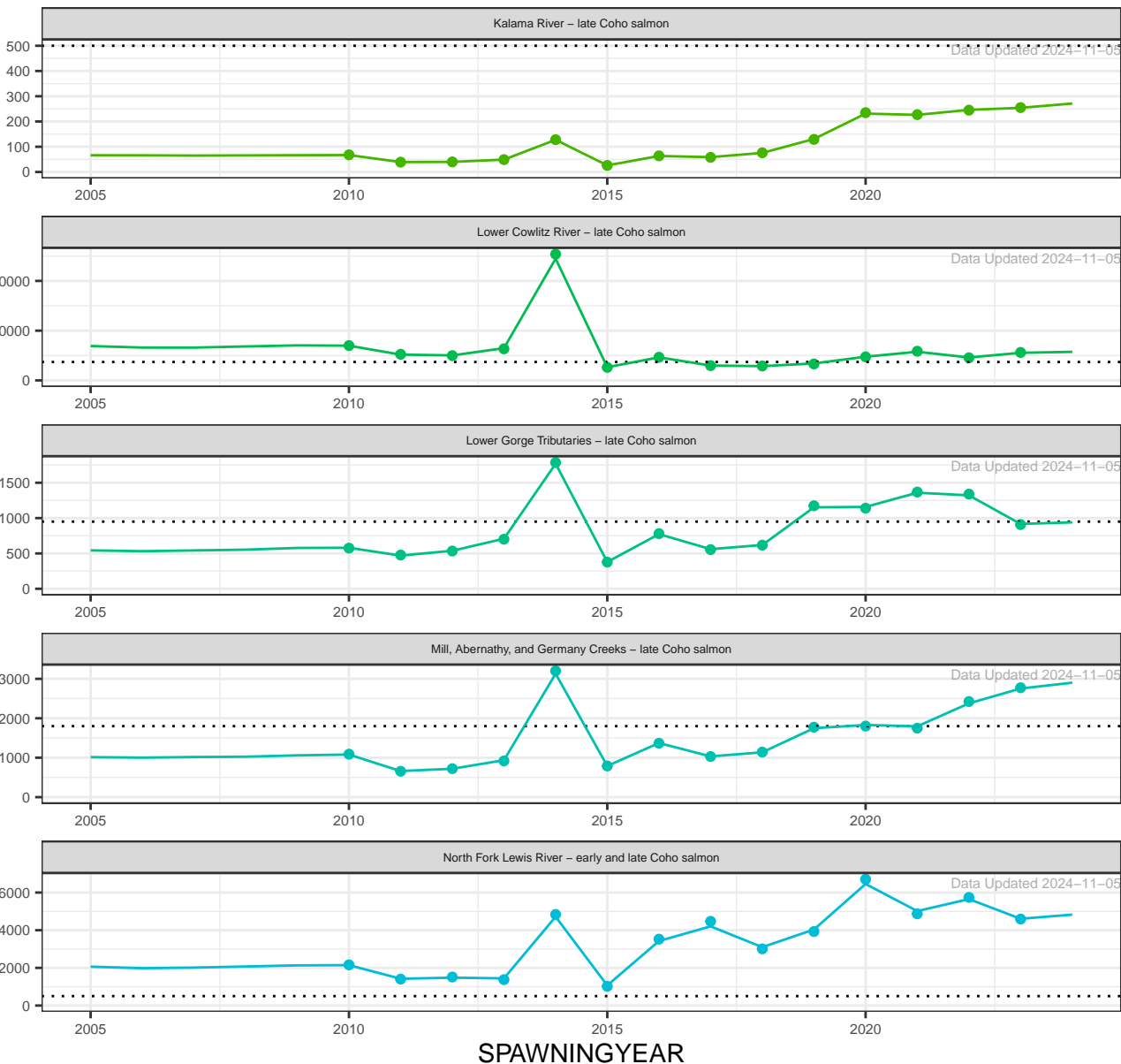
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Coho ESU

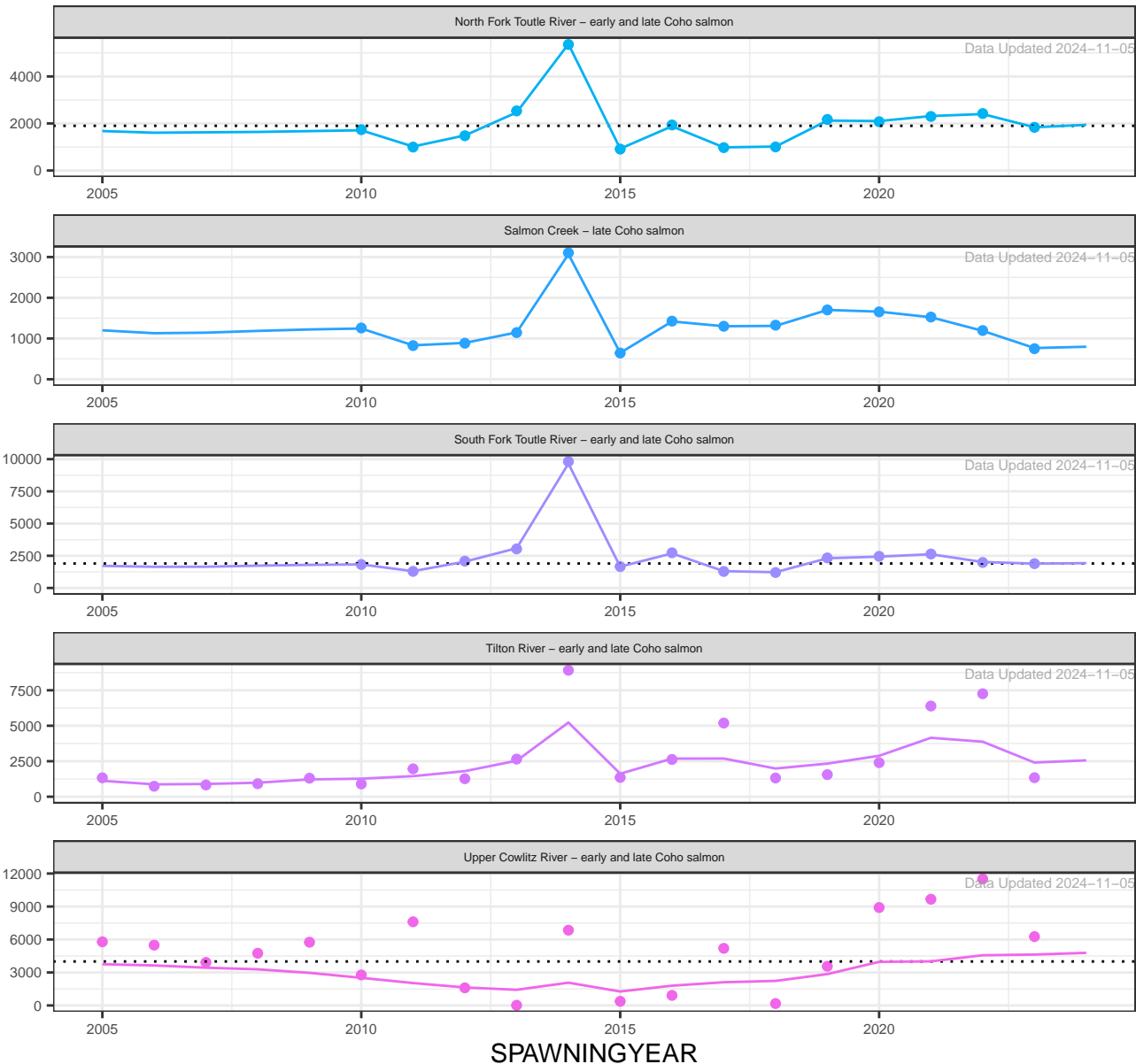
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Coho ESU

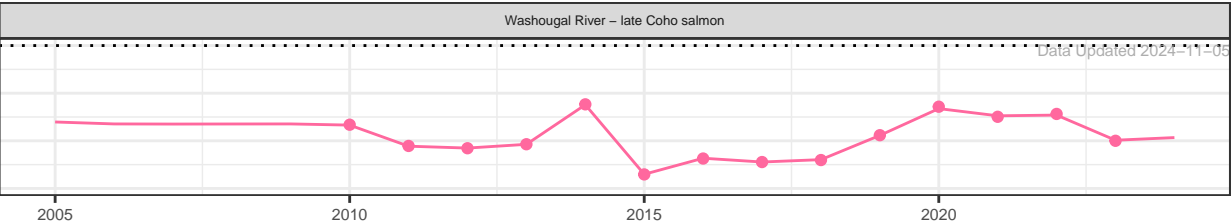
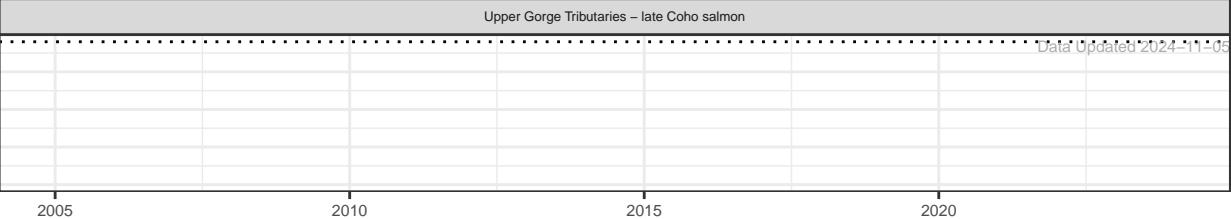
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Coho ESU

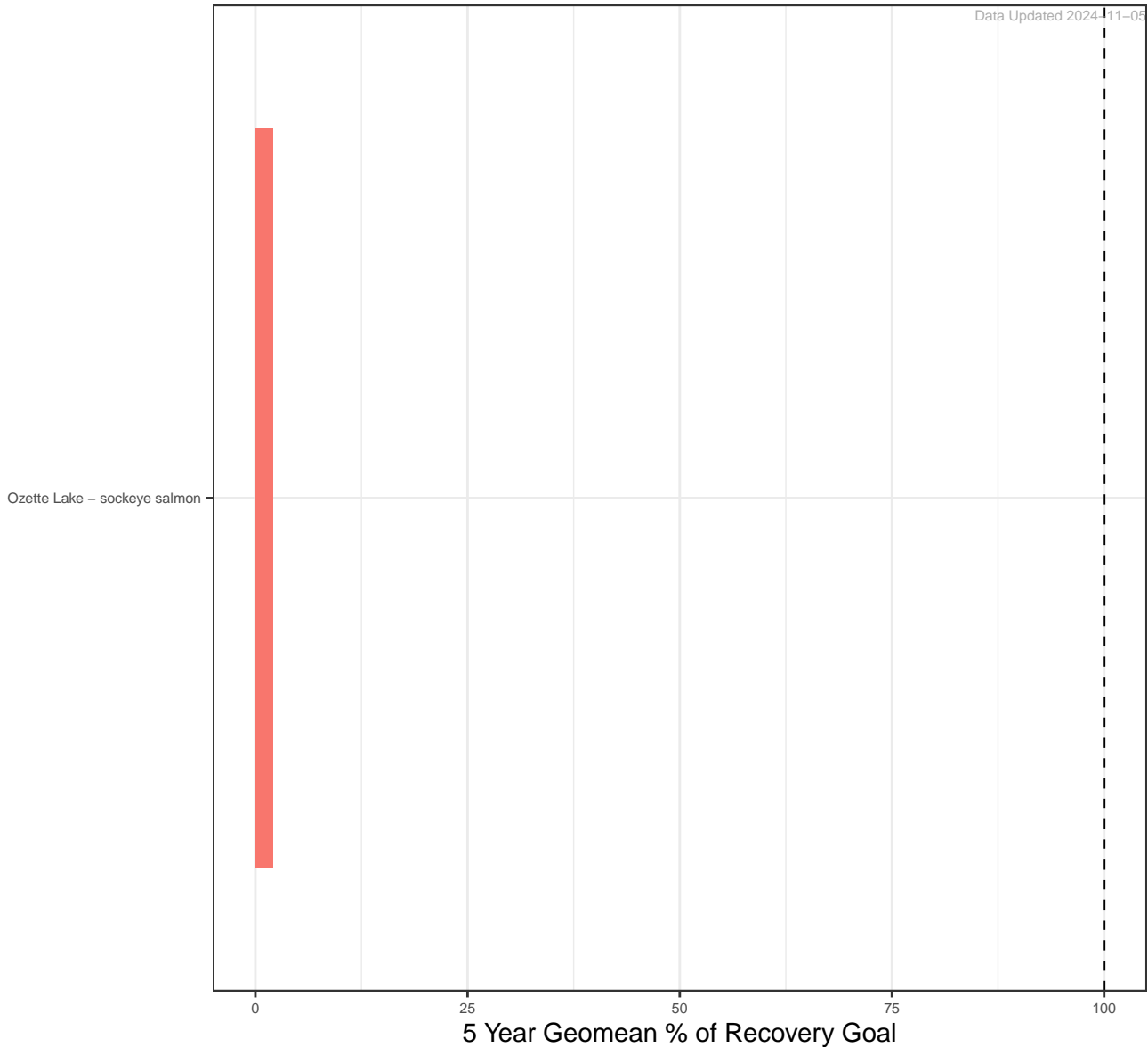
Natural Origin Spawner Abundance



SPAWNINGYEAR

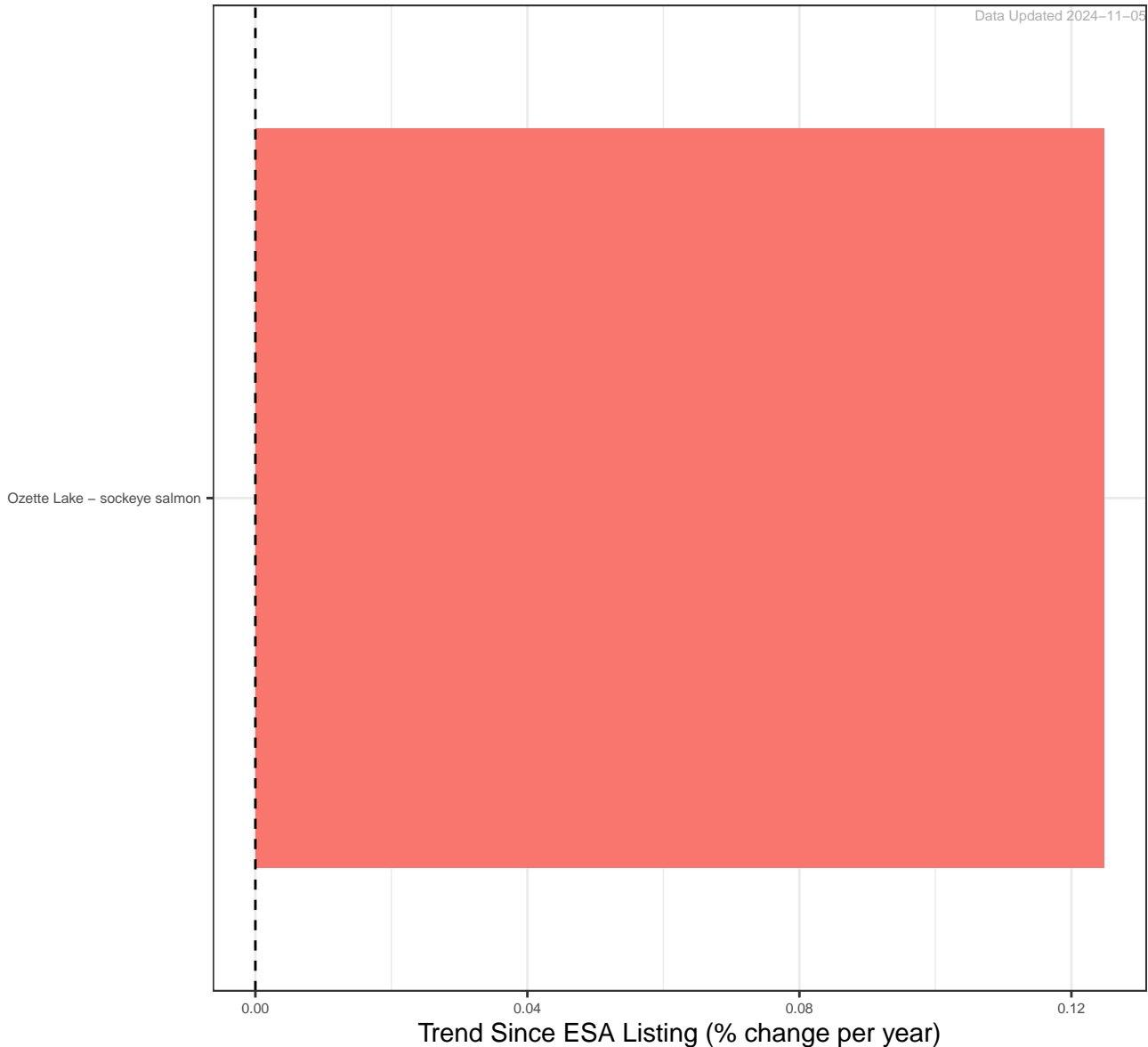
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Ozette Lake Sockeye ESU



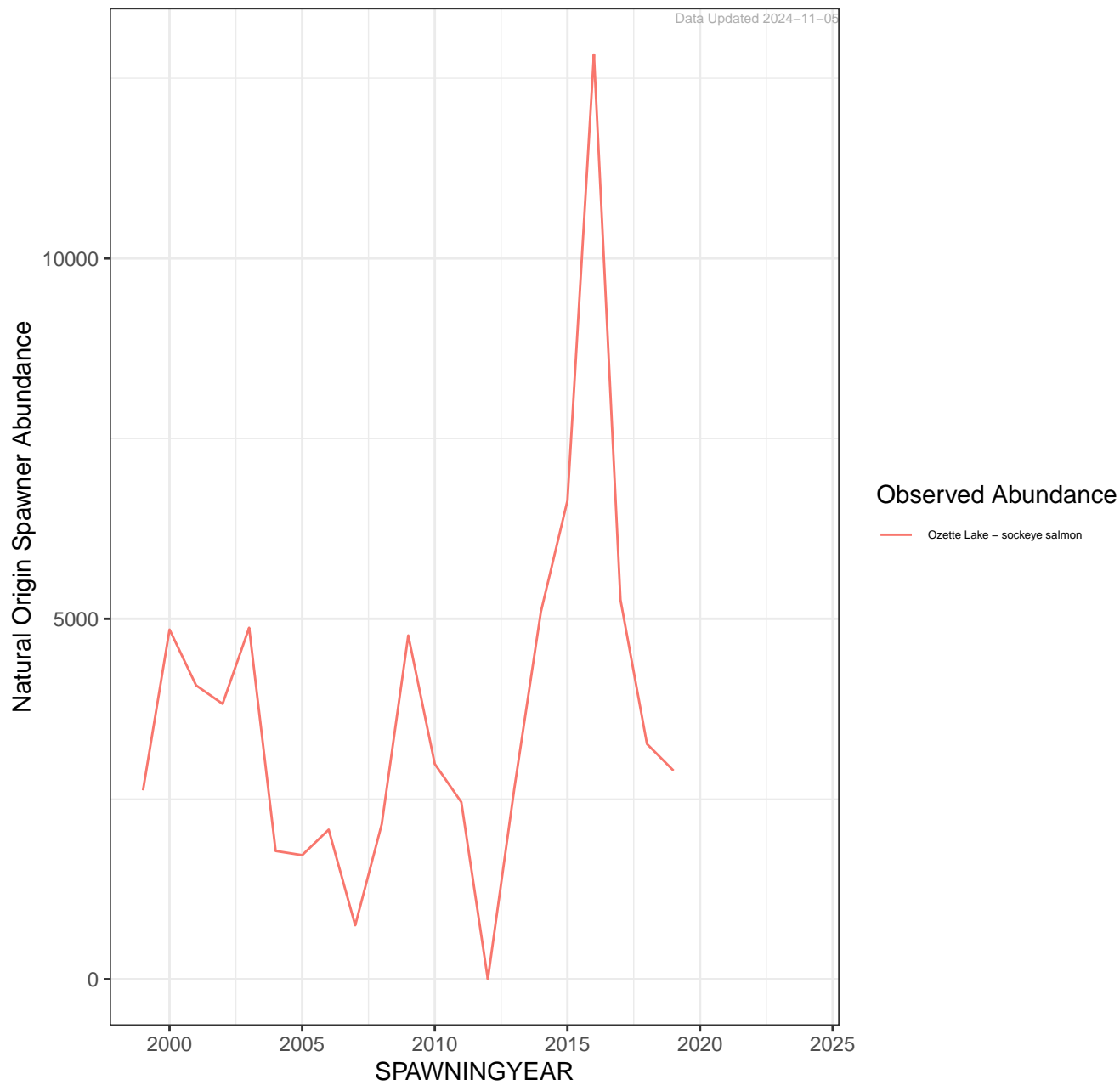
Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Ozette Lake Sockeye ESU



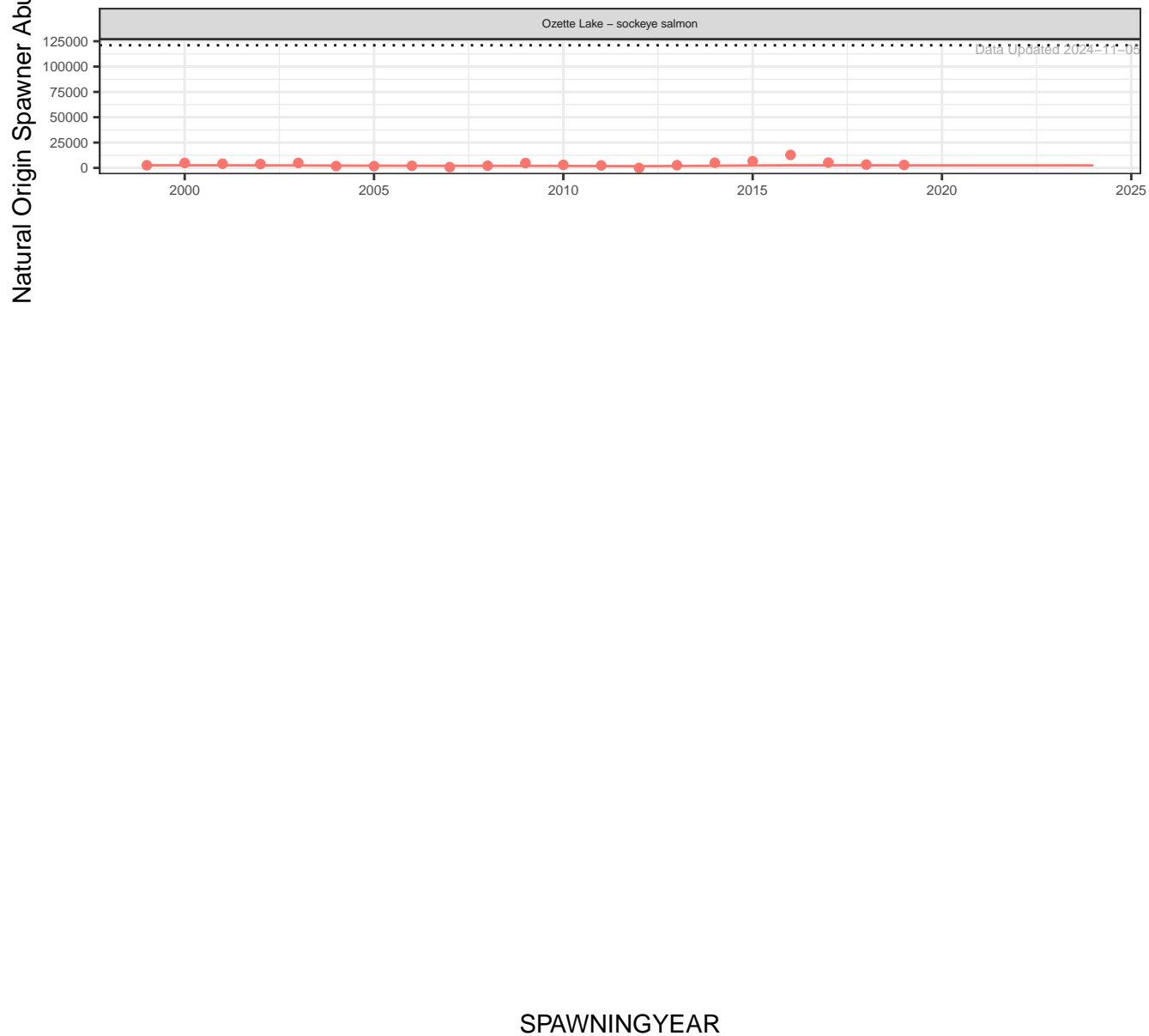
Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Ozette Lake Sockeye ESU



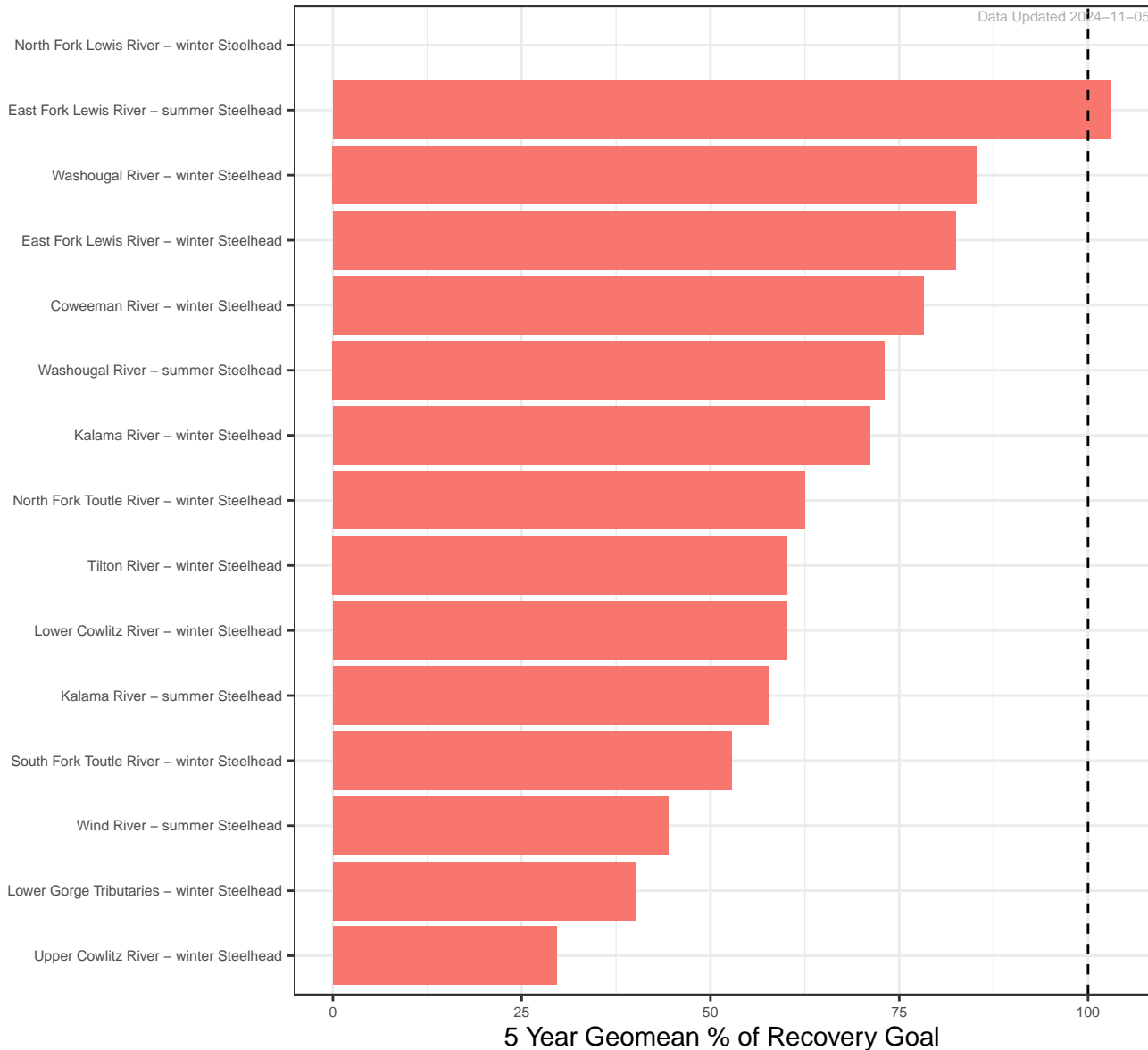


# Ozette Lake Sockeye ESU



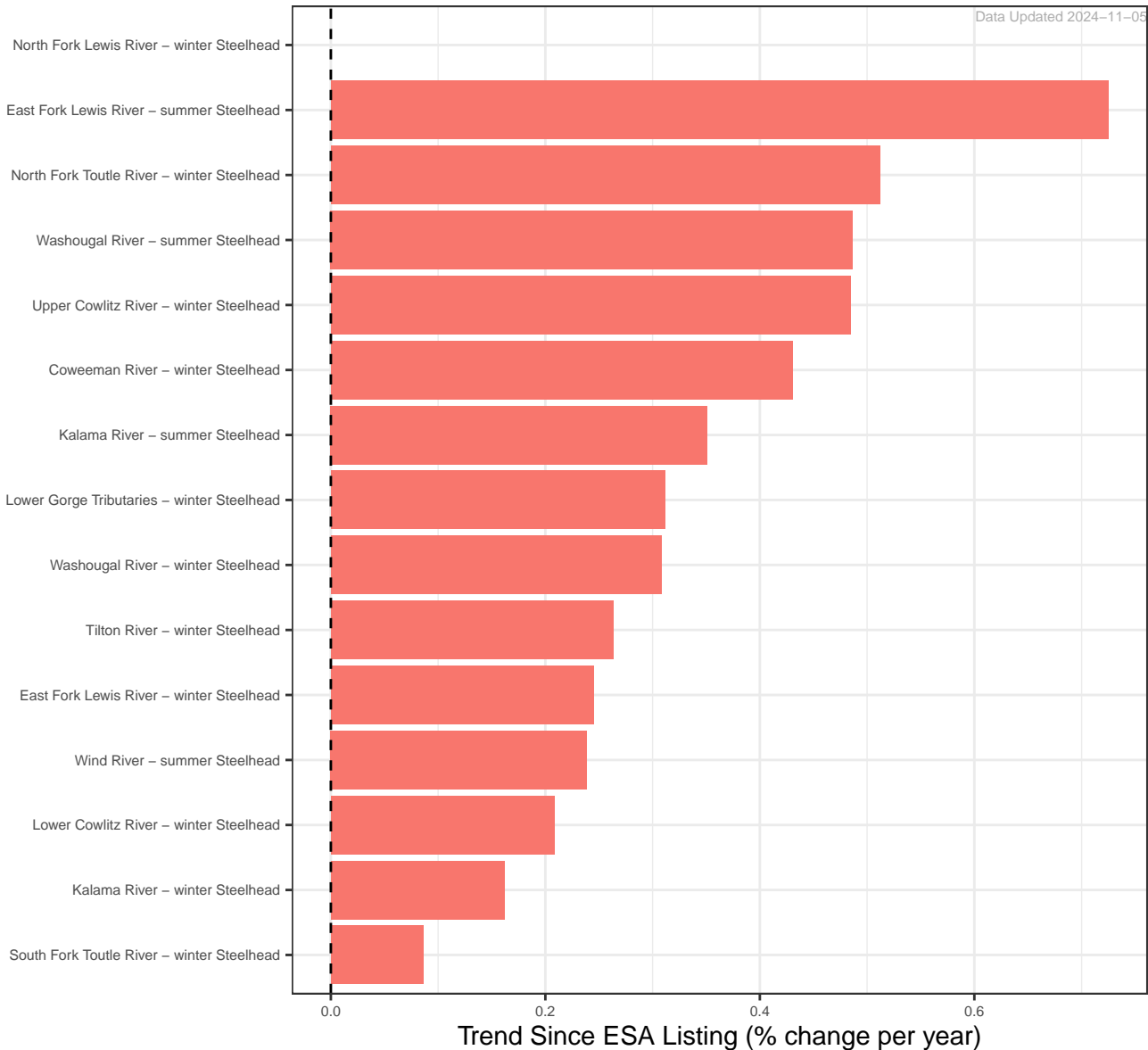
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Steelhead DPS



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Lower Columbia River Steelhead DPS

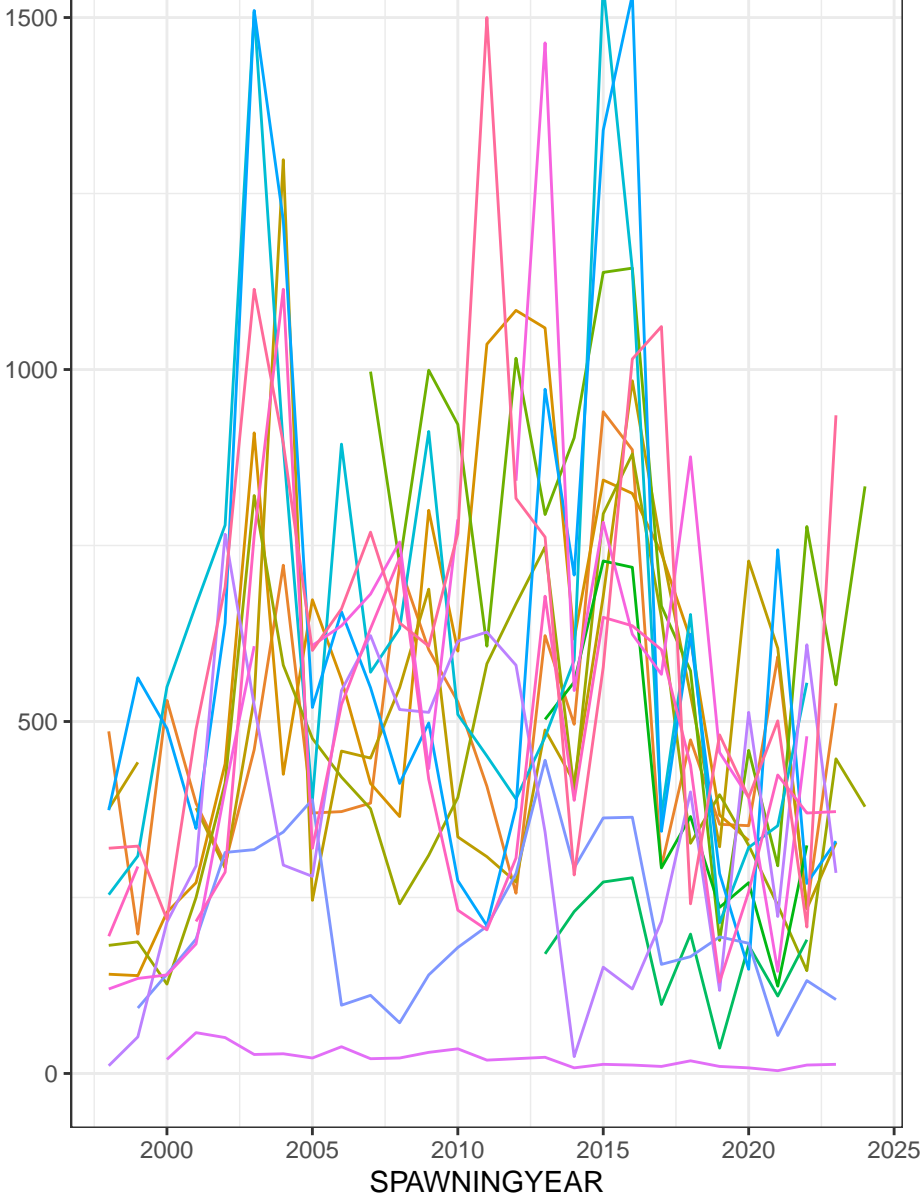


Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Lower Columbia River Steelhead DPS

Data Updated 2024-11-05

Natural Origin Spawner Abundance

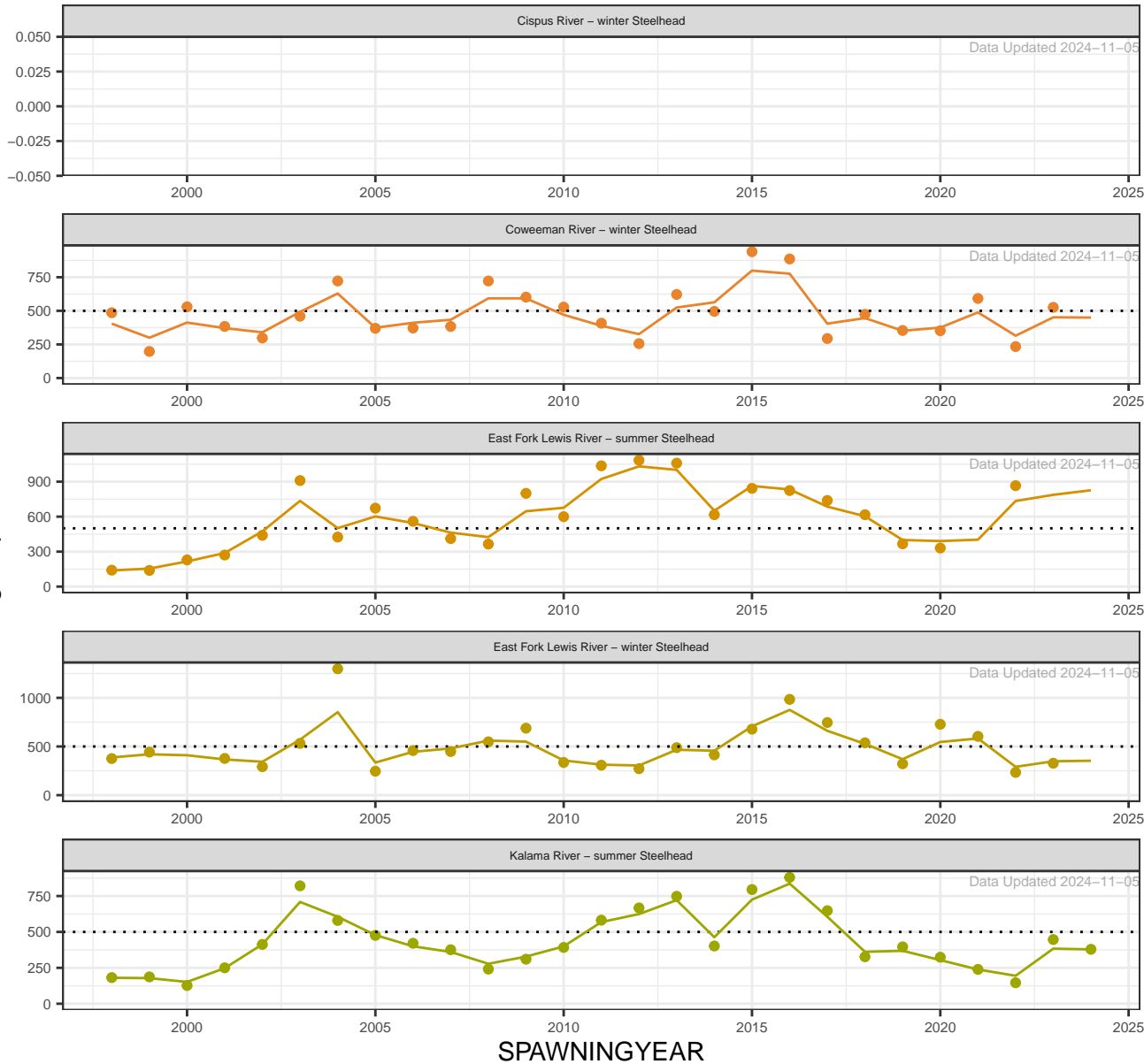


## Observed Abundance

- Cispus River – winter Steelhead
- Coweman River – winter Steelhead
- East Fork Lewis River – summer Steelhead
- East Fork Lewis River – winter Steelhead
- Kalama River – summer Steelhead
- Kalama River – winter Steelhead
- Lower Cowlitz River – winter Steelhead
- Lower Gorge Tributaries – winter Steelhead
- North Fork Lewis River – summer Steelhead
- North Fork Lewis River – winter Steelhead
- North Fork Toutle River – winter Steelhead
- Salmon Creek – winter Steelhead
- South Fork Toutle River – winter Steelhead
- Tilton River – winter Steelhead
- Upper Cowlitz River – winter Steelhead
- Upper Gorge Tributaries – winter Steelhead
- Washougal River – summer Steelhead
- Washougal River – winter Steelhead
- Wind River – summer Steelhead

# Lower Columbia River Steelhead DPS

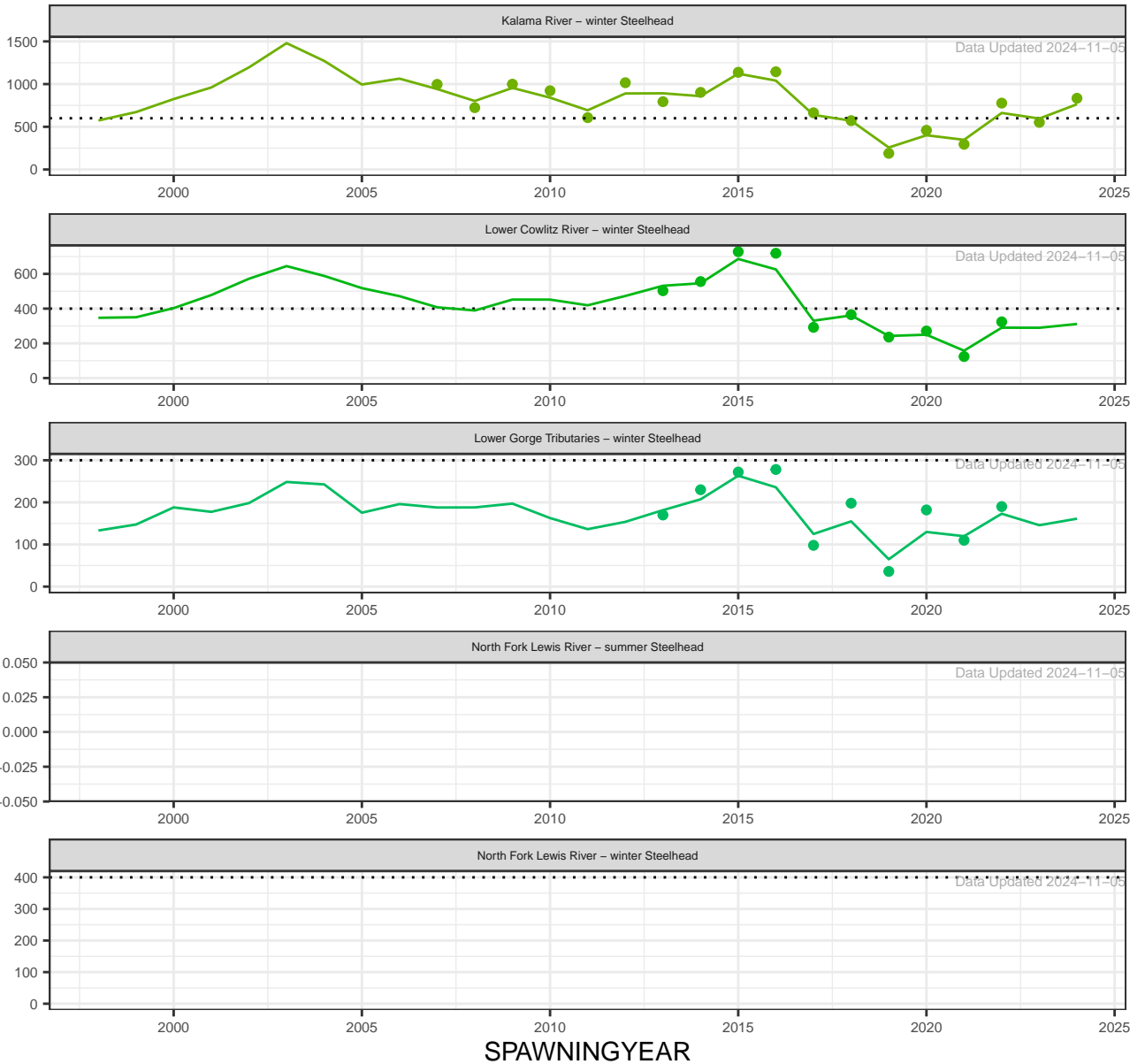
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Steelhead DPS

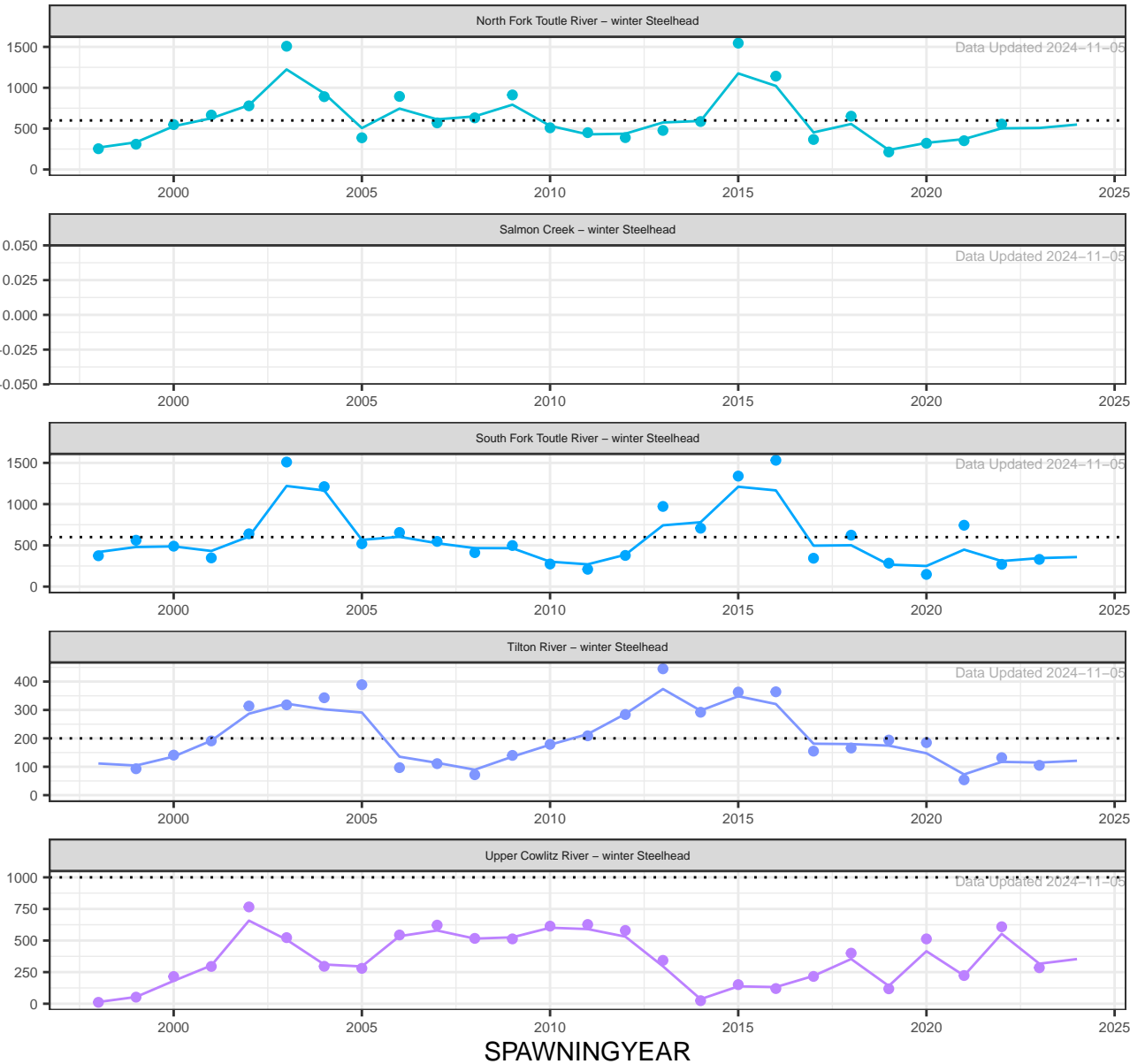
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Steelhead DPS

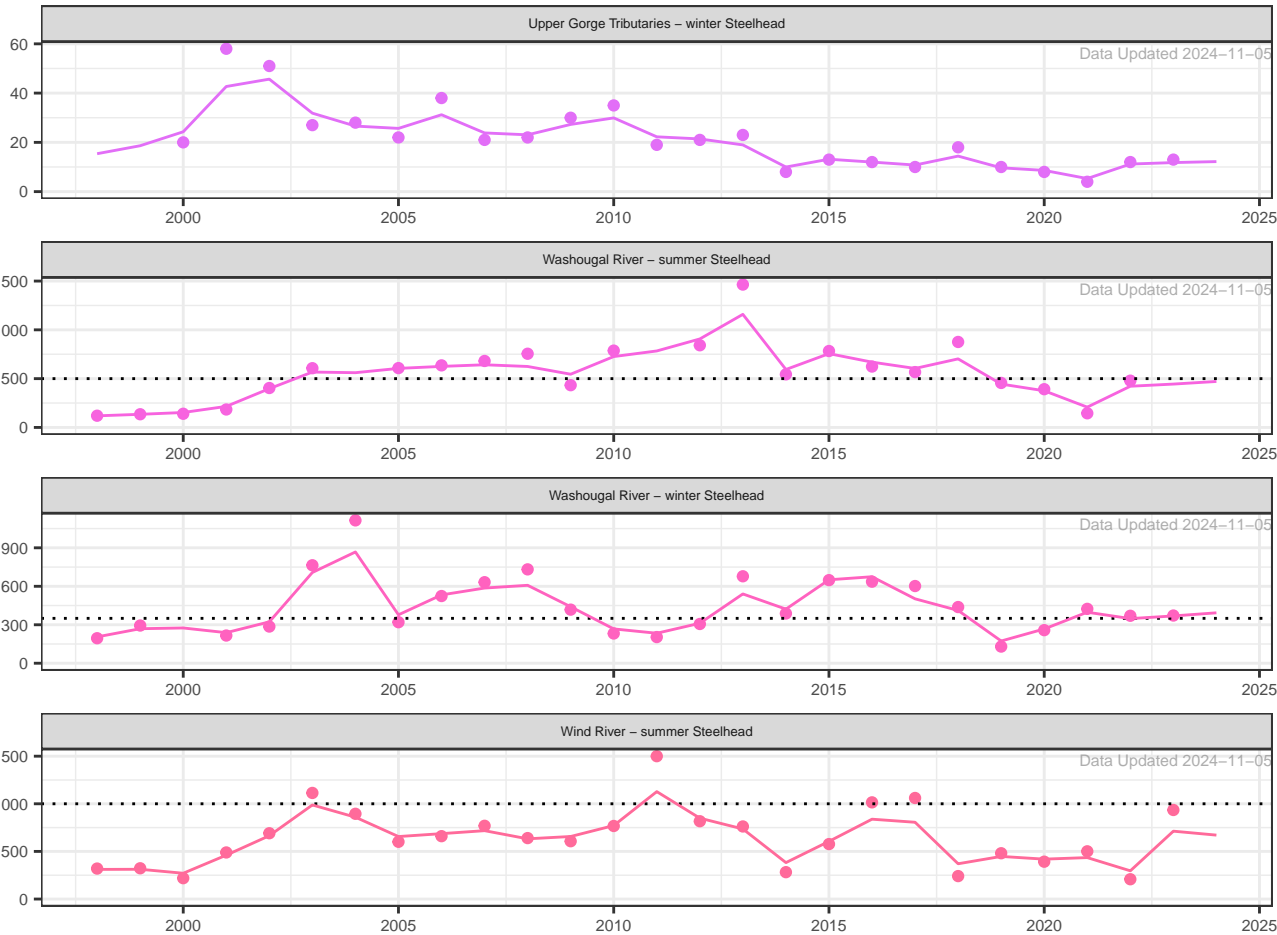
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Lower Columbia River Steelhead DPS

Natural Origin Spawner Abundance

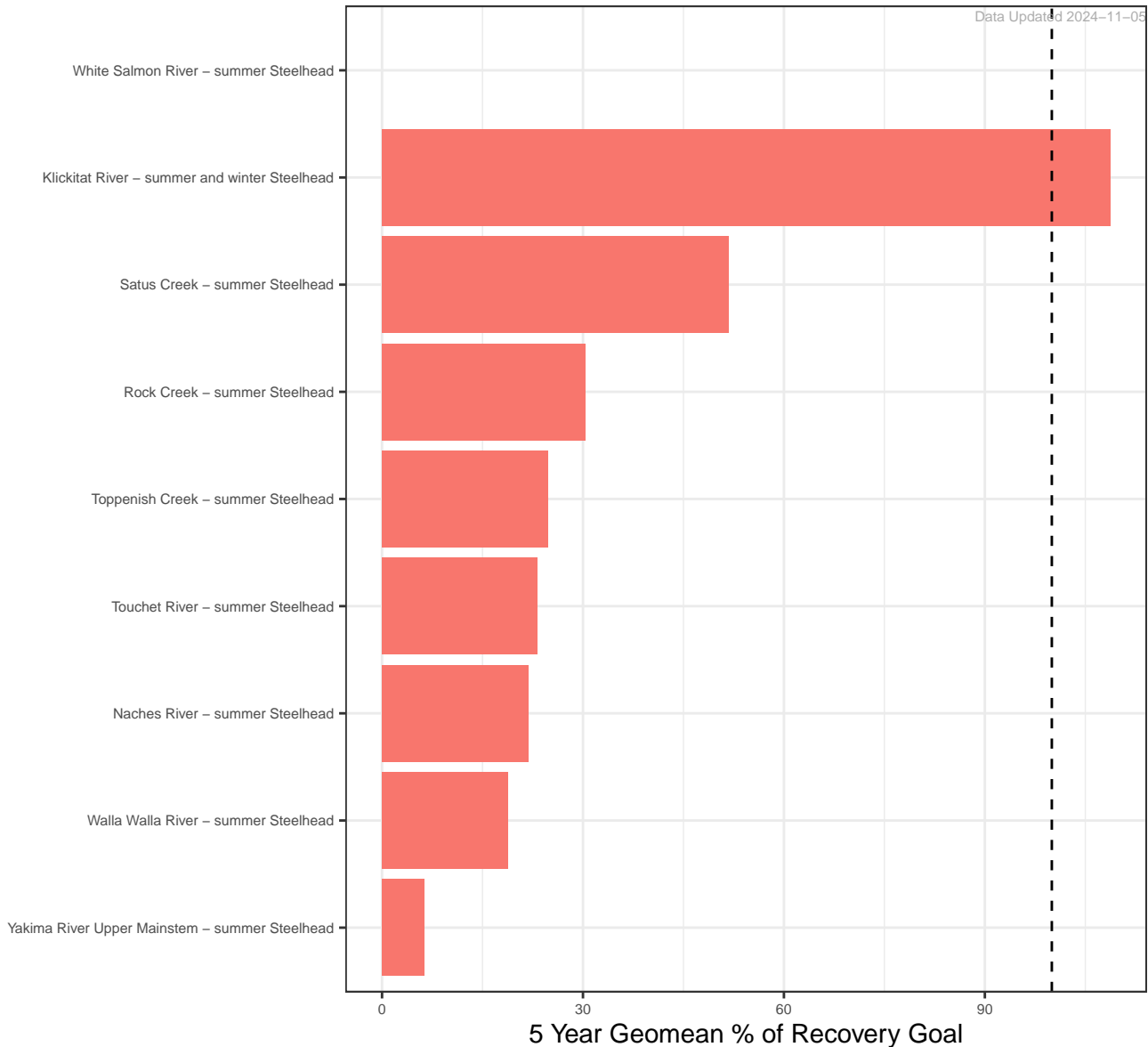


SPAWNINGYEAR

Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

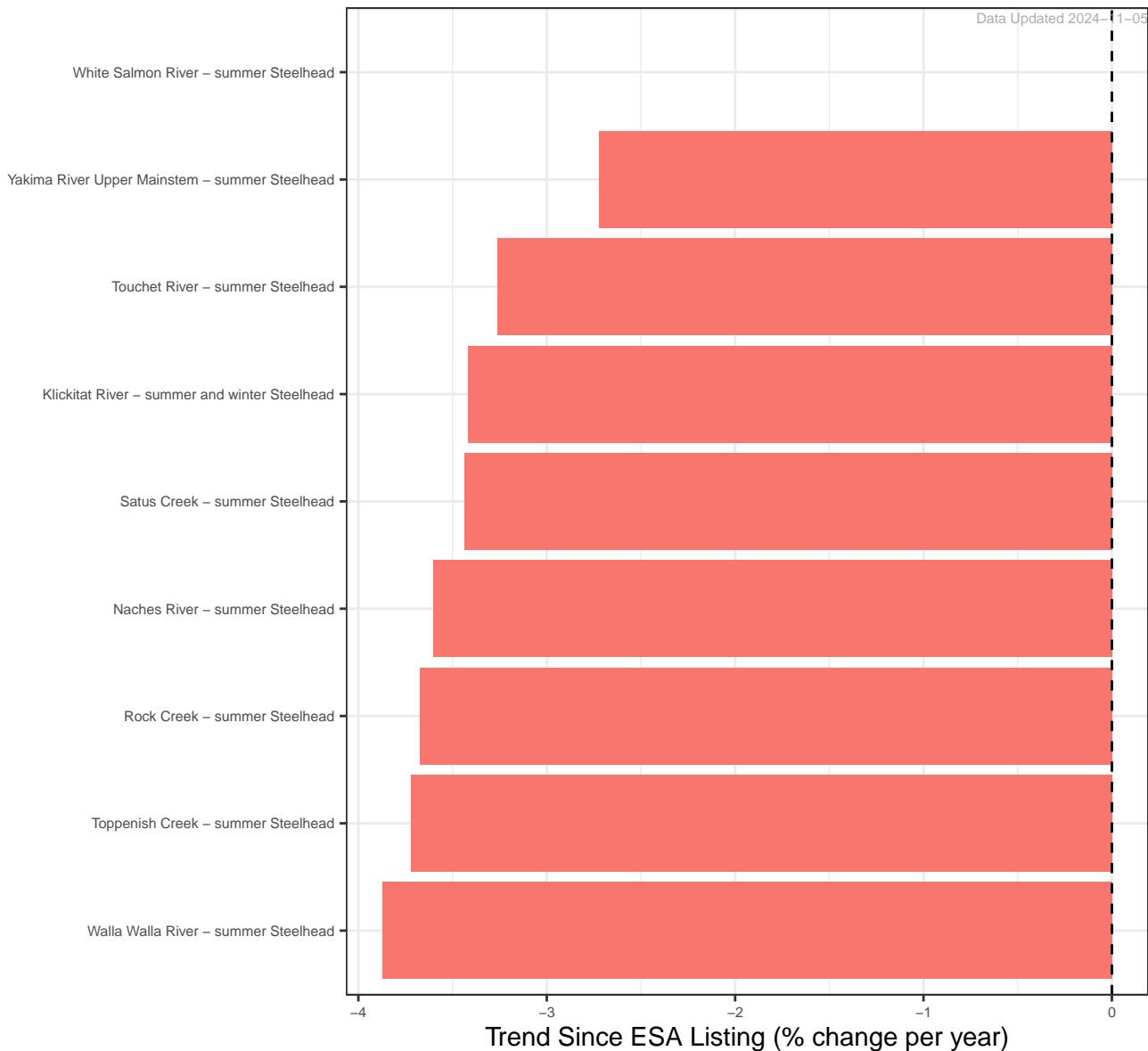


# Middle Columbia River Steelhead DPS



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

# Middle Columbia River Steelhead DPS

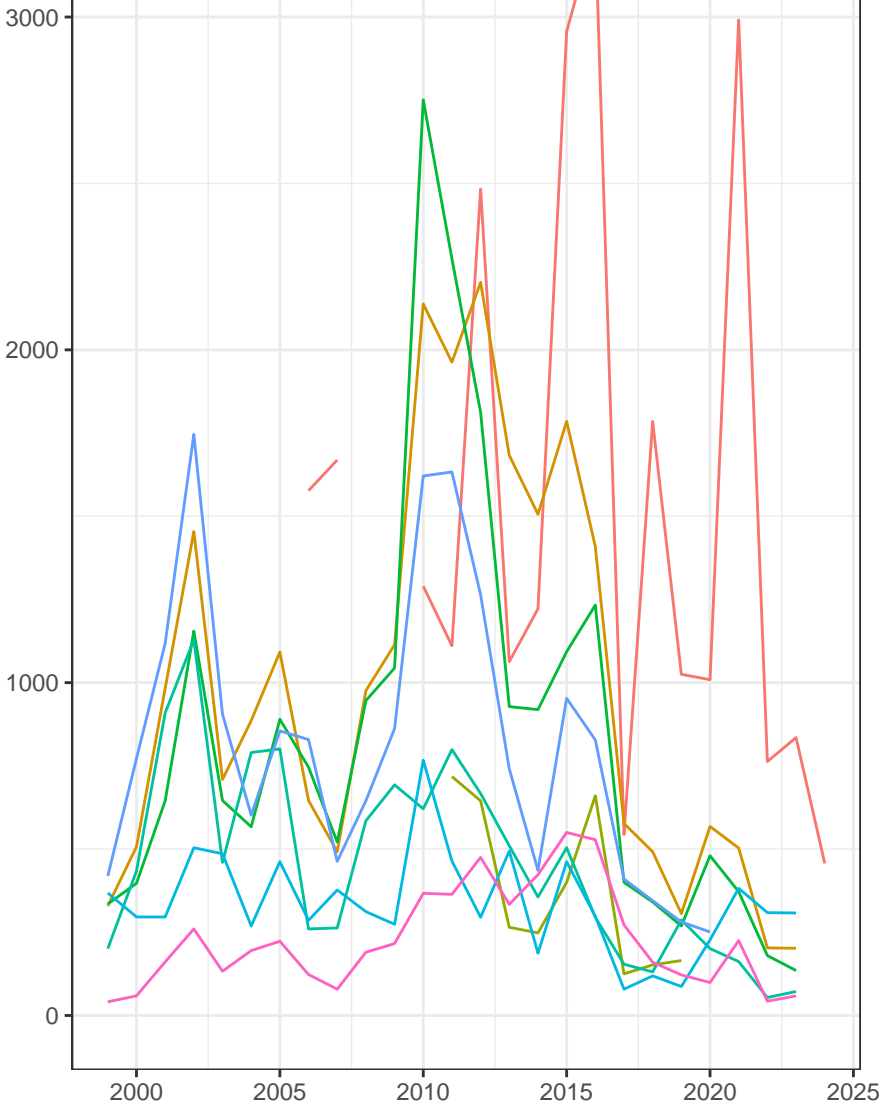


Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Middle Columbia River Steelhead DPS

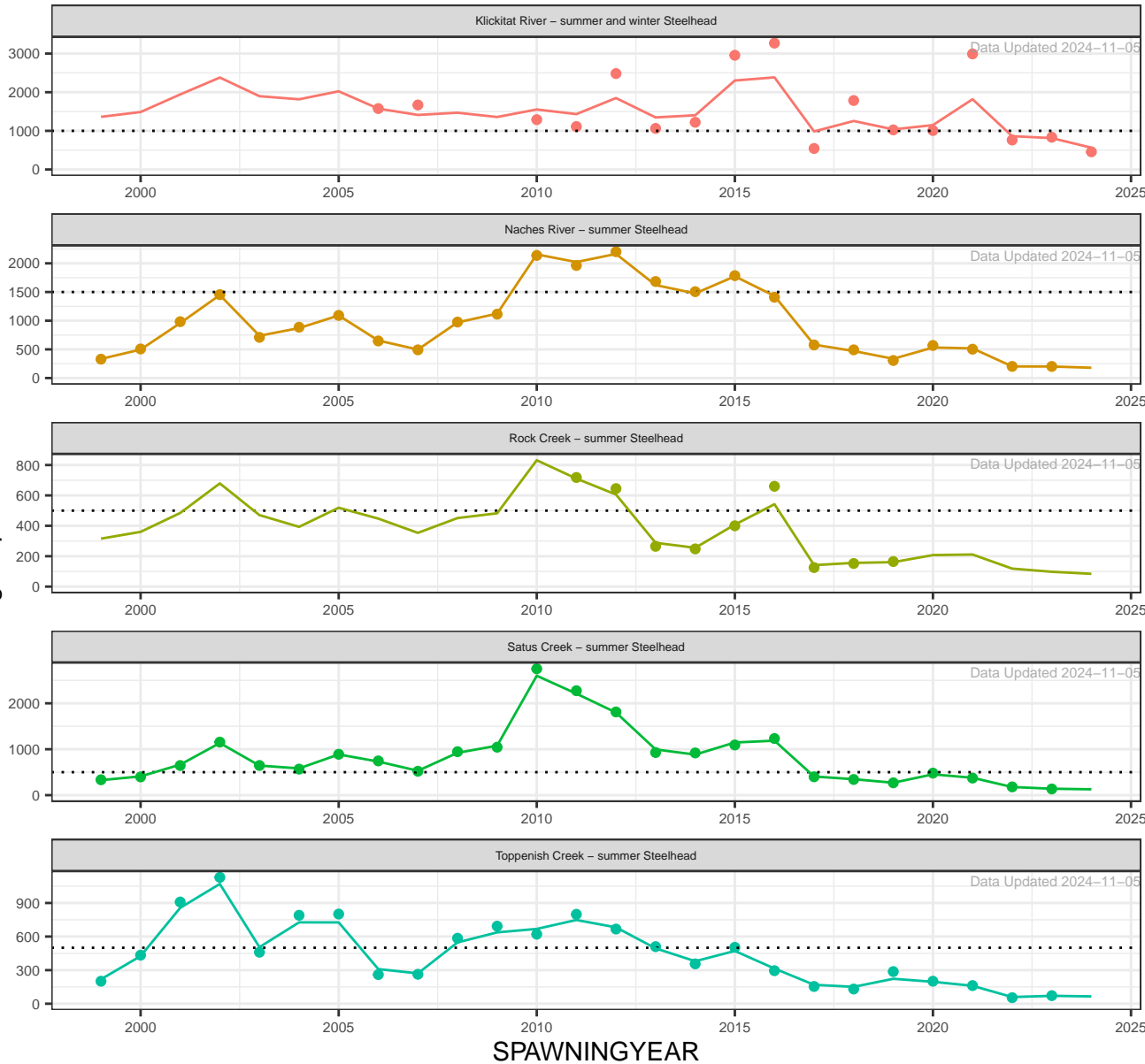
Data Updated 2024-11-05

Natural Origin Spawner Abundance



# Middle Columbia River Steelhead DPS

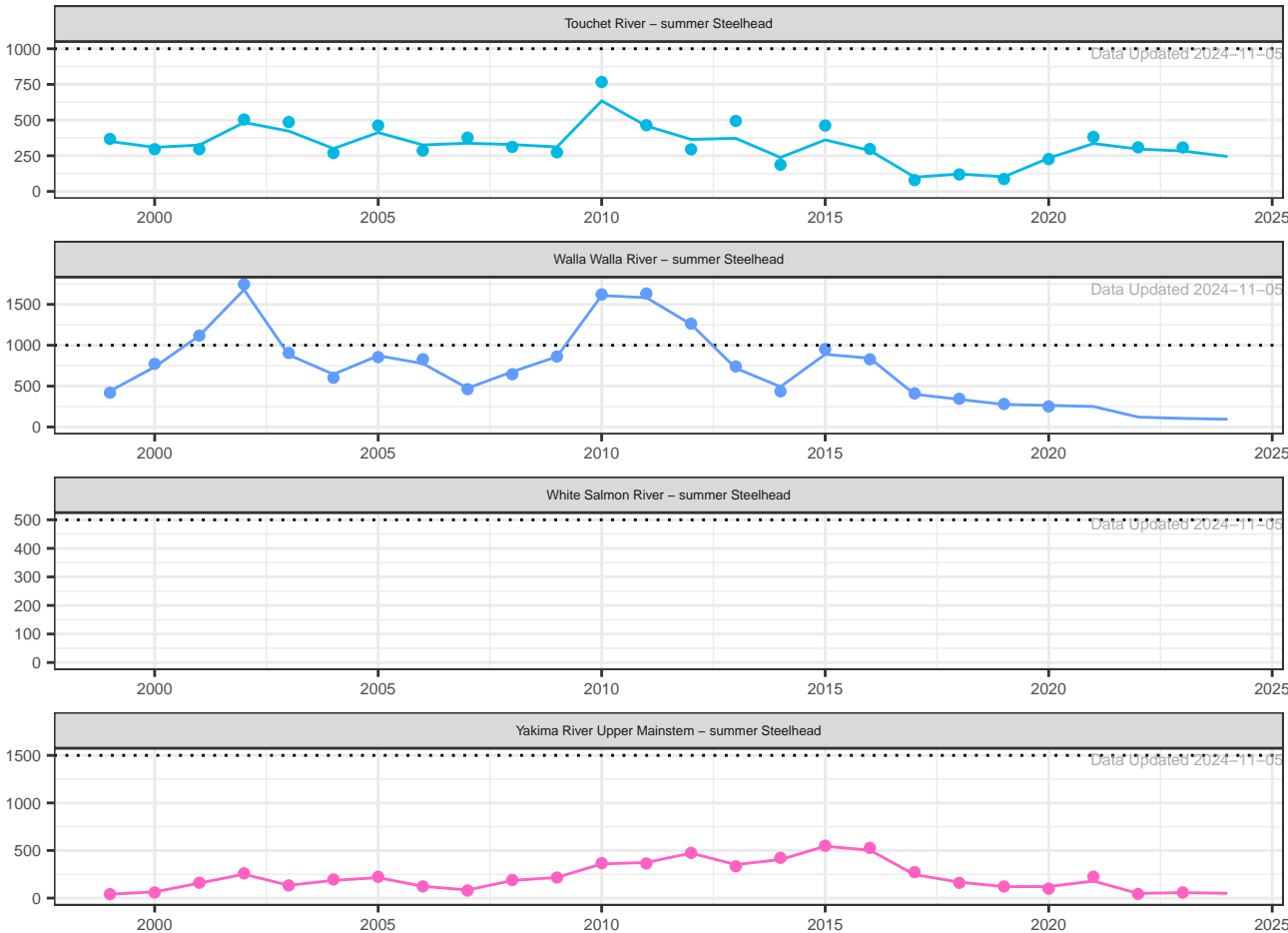
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Middle Columbia River Steelhead DPS

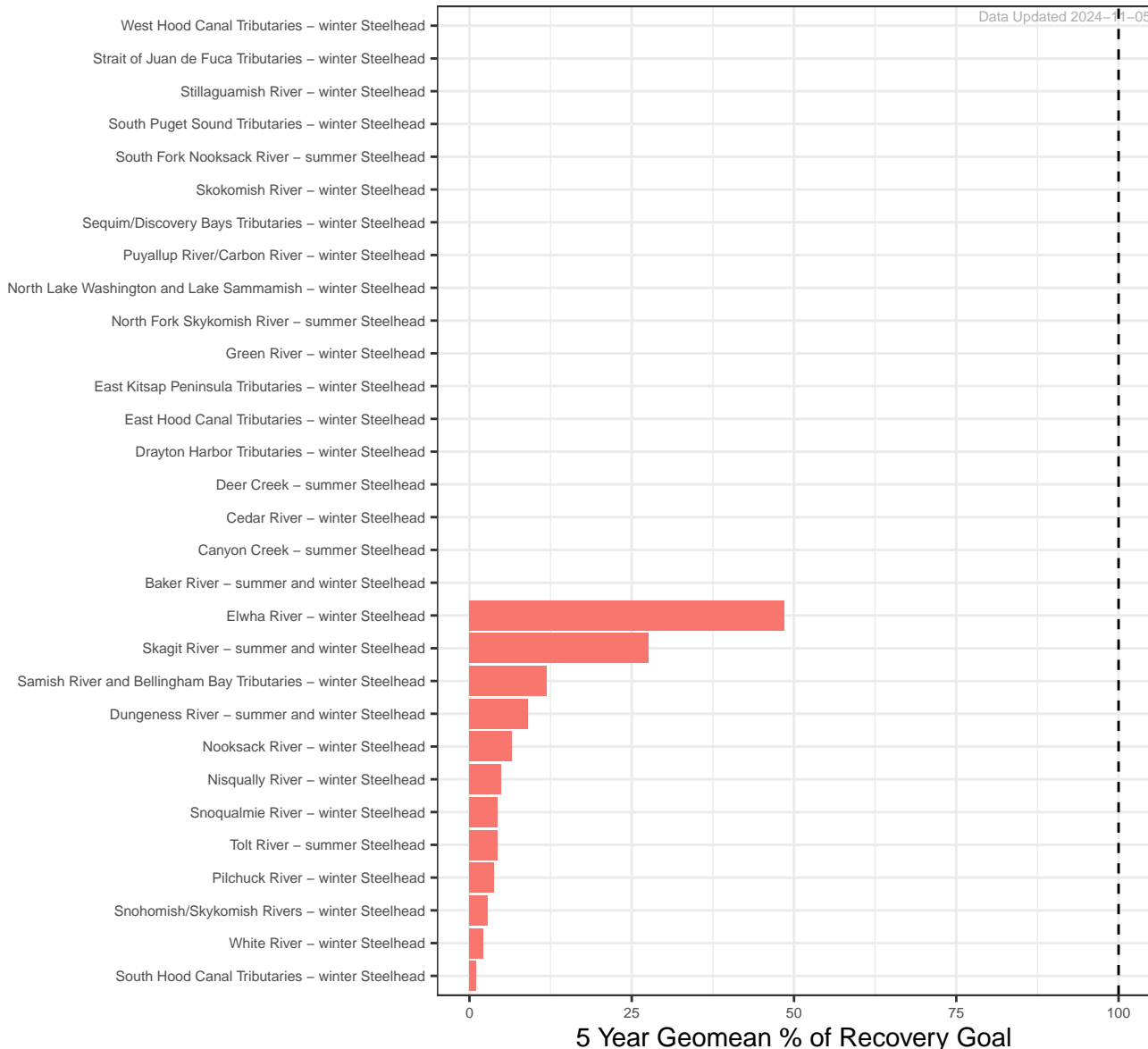
Natural Origin Spawner Abundance



SPAWNINGYEAR

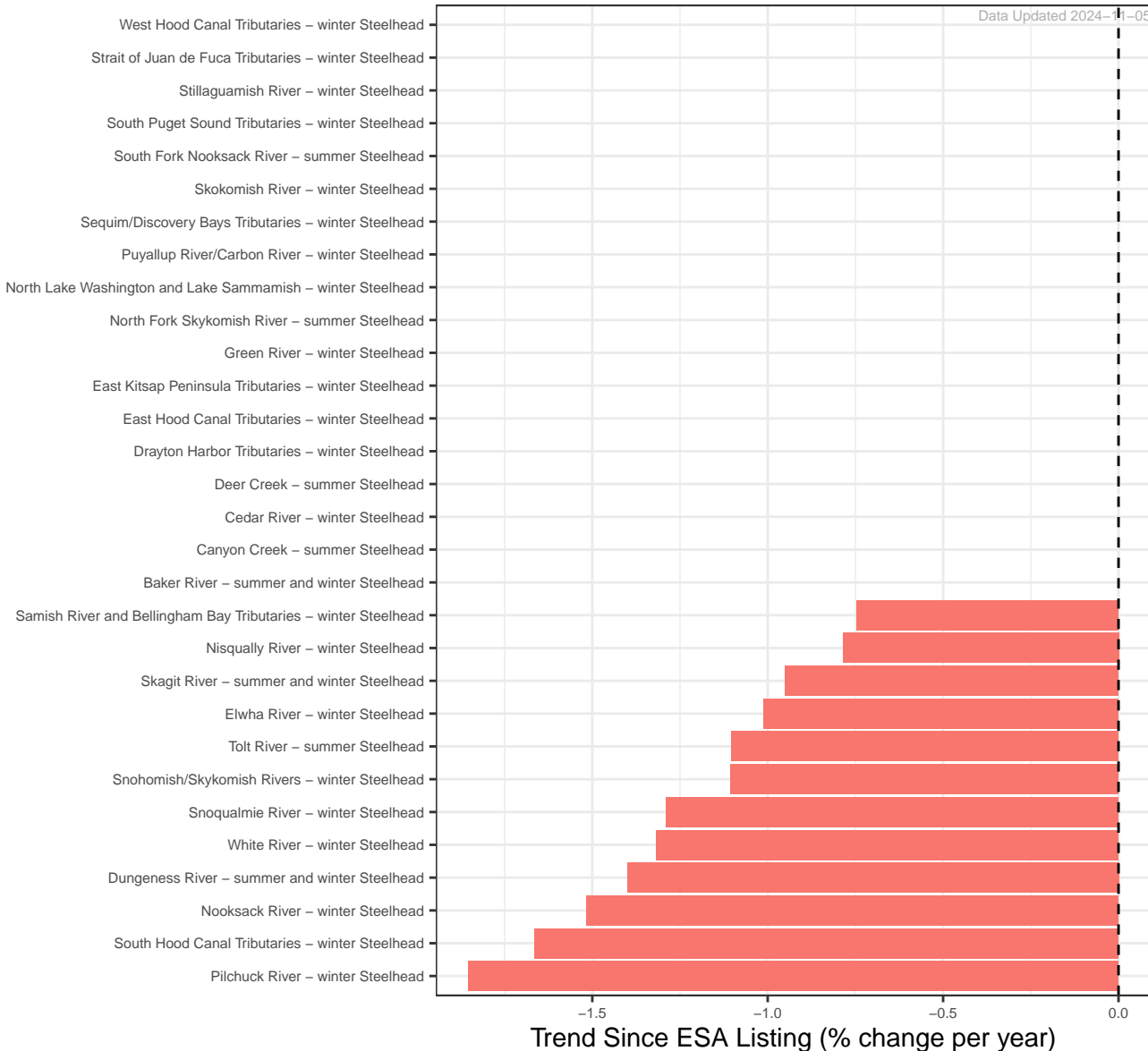
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Steelhead DPS



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

# Puget Sound Steelhead DPS



Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Puget Sound Steelhead DPS

## Observed Abundance

Natural Origin Spawner Abundance

Data Updated 2024-11-05

7500

5000

2500

0

2010

2015

2020

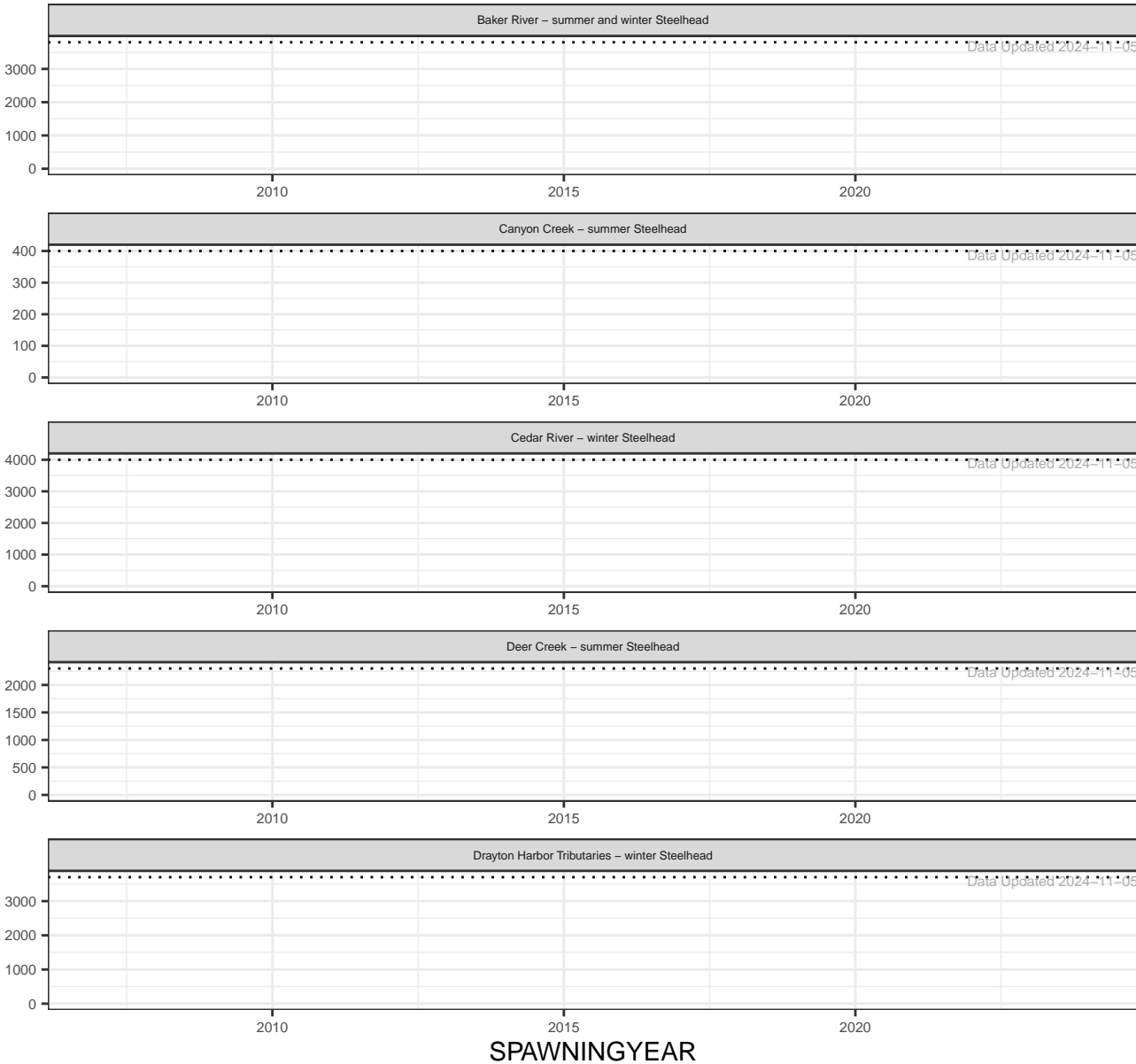
SPAWNINGYEAR

- Baker River – summer and winter Steelhead
- Canyon Creek – summer Steelhead
- Cedar River – winter Steelhead
- Deer Creek – summer Steelhead
- Drayton Harbor Tributaries – winter Steelhead
- Dungeness River – summer and winter Steelhead
- East Hood Canal Tributaries – winter Steelhead
- East Kitsap Peninsula Tributaries – winter Steelhead
- Elwha River – winter Steelhead
- Green River – winter Steelhead
- Nisqually River – winter Steelhead
- Nookachamps Creek – winter Steelhead
- Nooksack River – winter Steelhead
- North Fork Skykomish River – summer Steelhead
- North Lake Washington and Lake Sammamish – winter Steelhead
- Pilchuck River – winter Steelhead
- Puyallup River/Carbon River – winter Steelhead
- Samish River and Bellingham Bay Tributaries – winter Steelhead
- Sauk River – summer and winter Steelhead
- Sequim/Discovery Bays Tributaries – winter Steelhead
- Skagit River – summer and winter Steelhead
- Skokomish River – winter Steelhead
- Snohomish/Skykomish Rivers – winter Steelhead
- Snoqualmie River – winter Steelhead
- South Fork Nooksack River – summer Steelhead
- South Hood Canal Tributaries – winter Steelhead
- South Puget Sound Tributaries – winter Steelhead
- Stillaguamish River – winter Steelhead
- Strait of Juan de Fuca Tributaries – winter Steelhead
- Tolt River – summer Steelhead
- West Hood Canal Tributaries – winter Steelhead
- White River – winter Steelhead



# Puget Sound Steelhead DPS

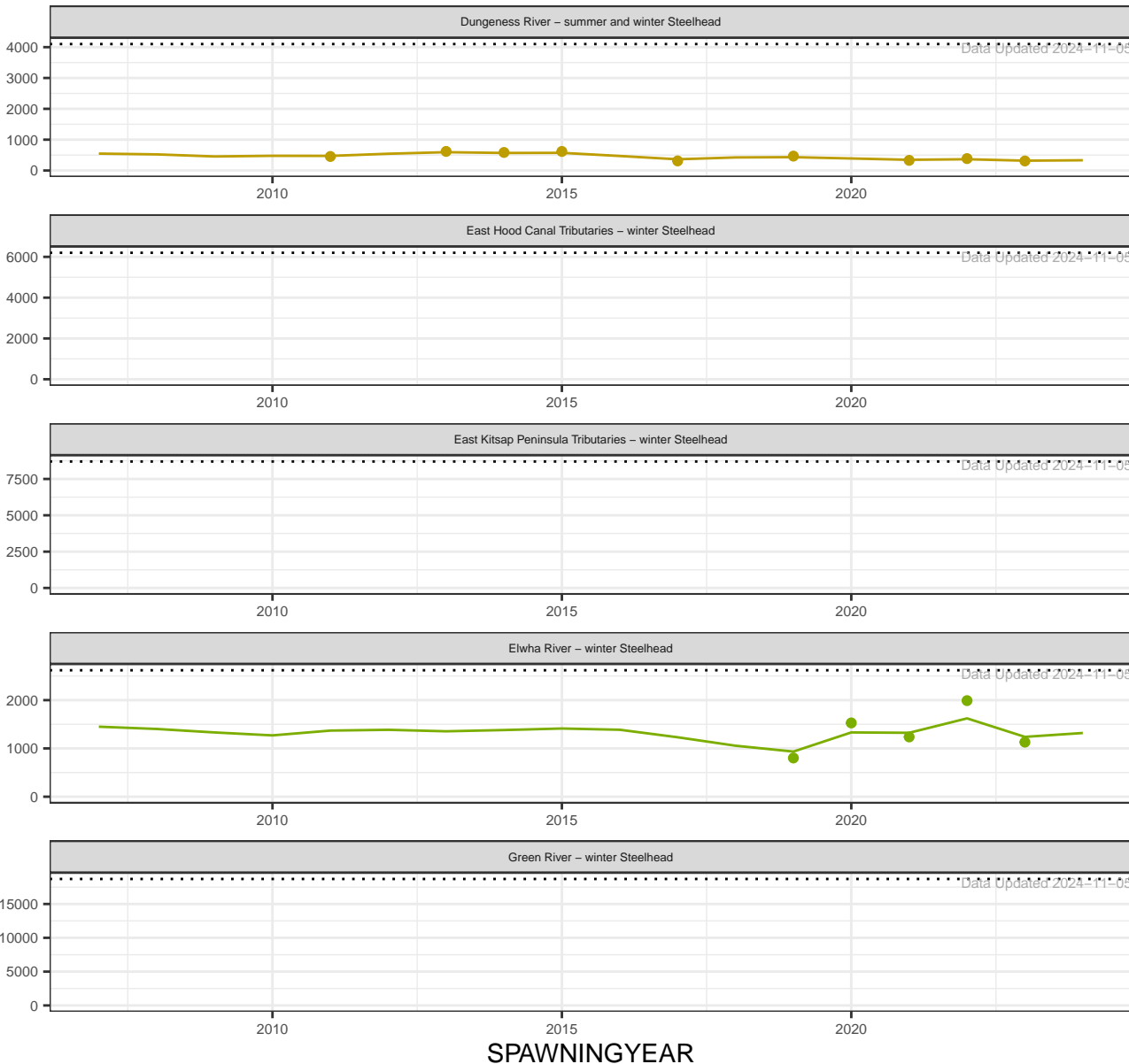
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Steelhead DPS

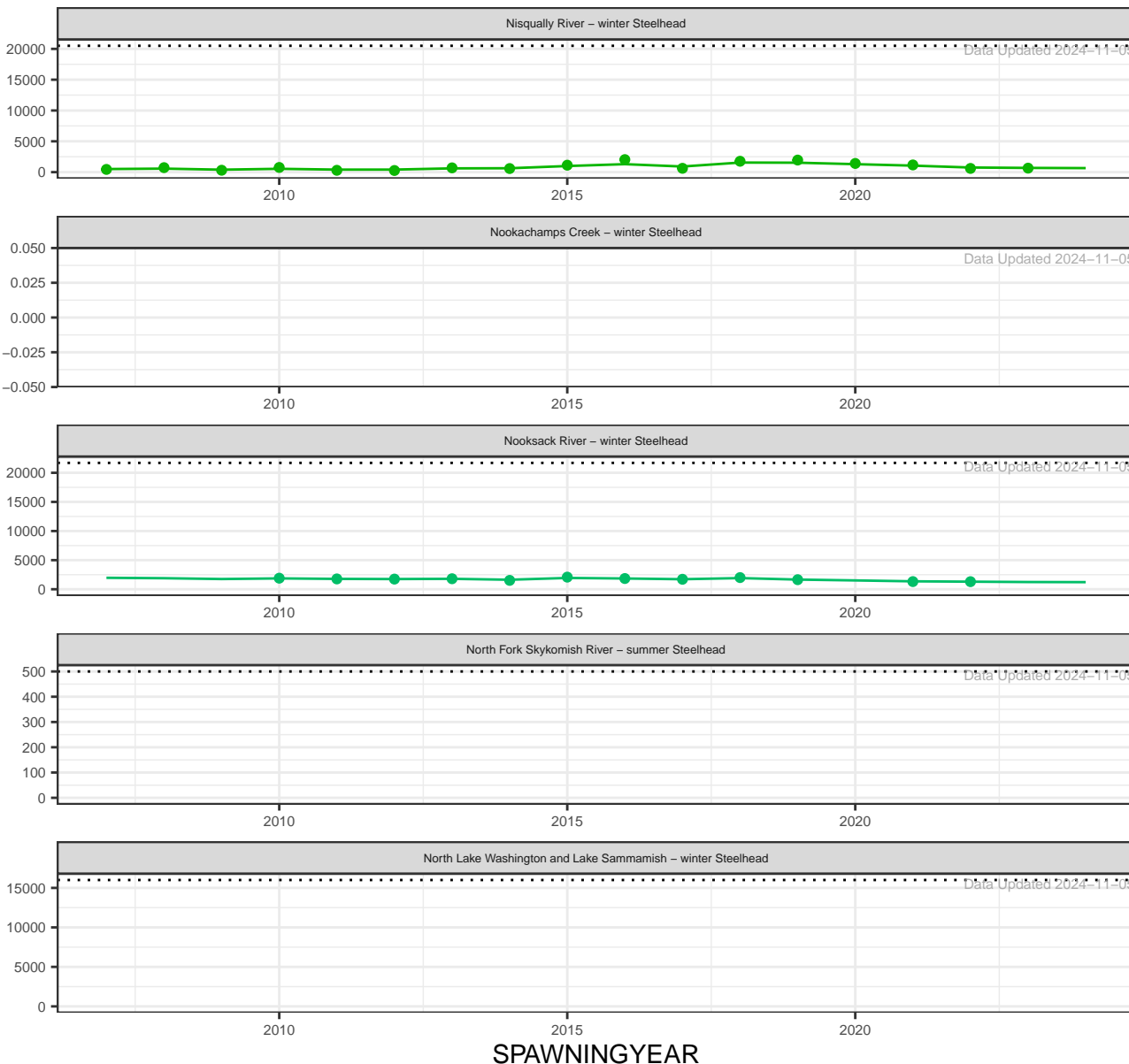
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Steelhead DPS

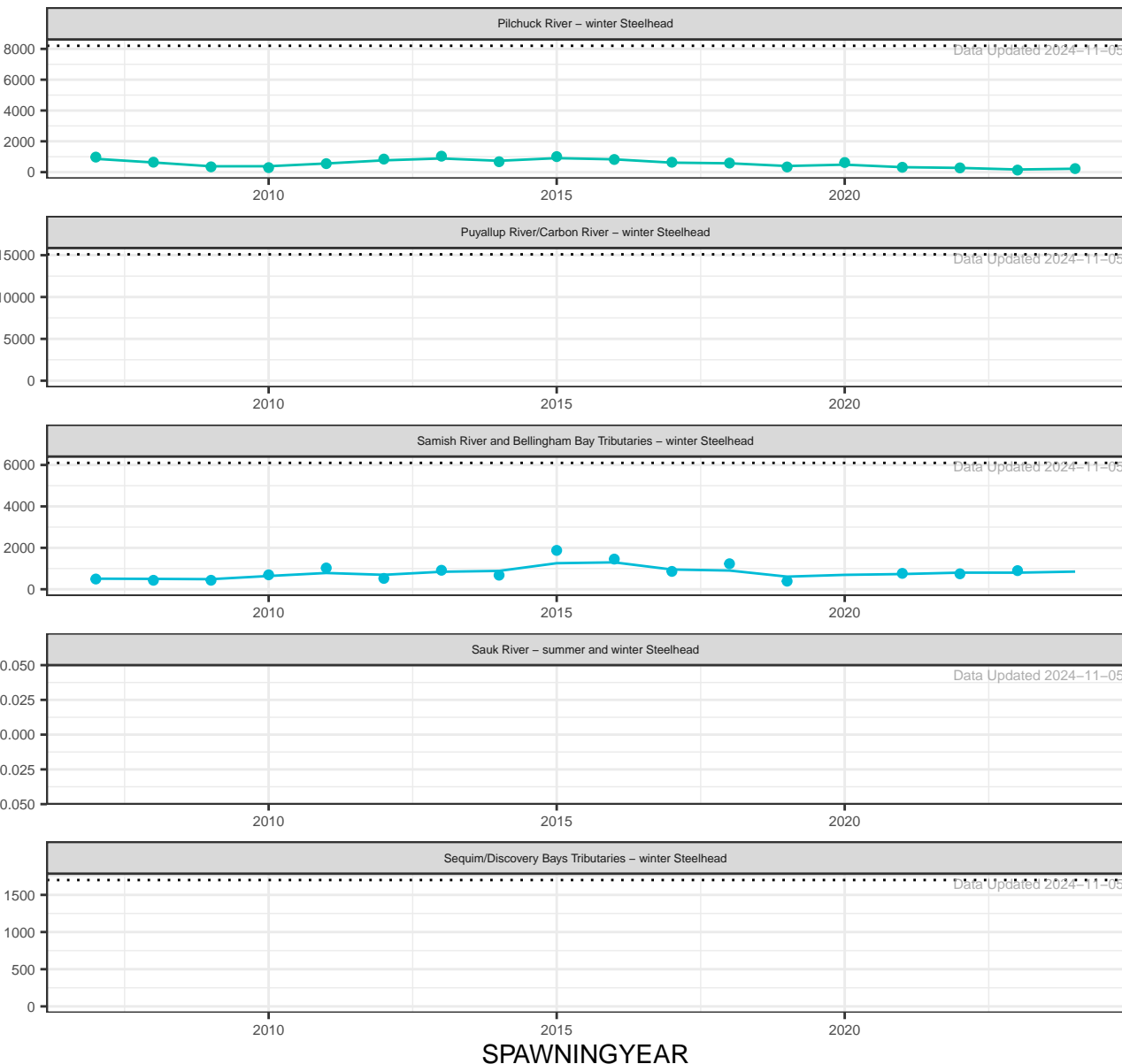
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Steelhead DPS

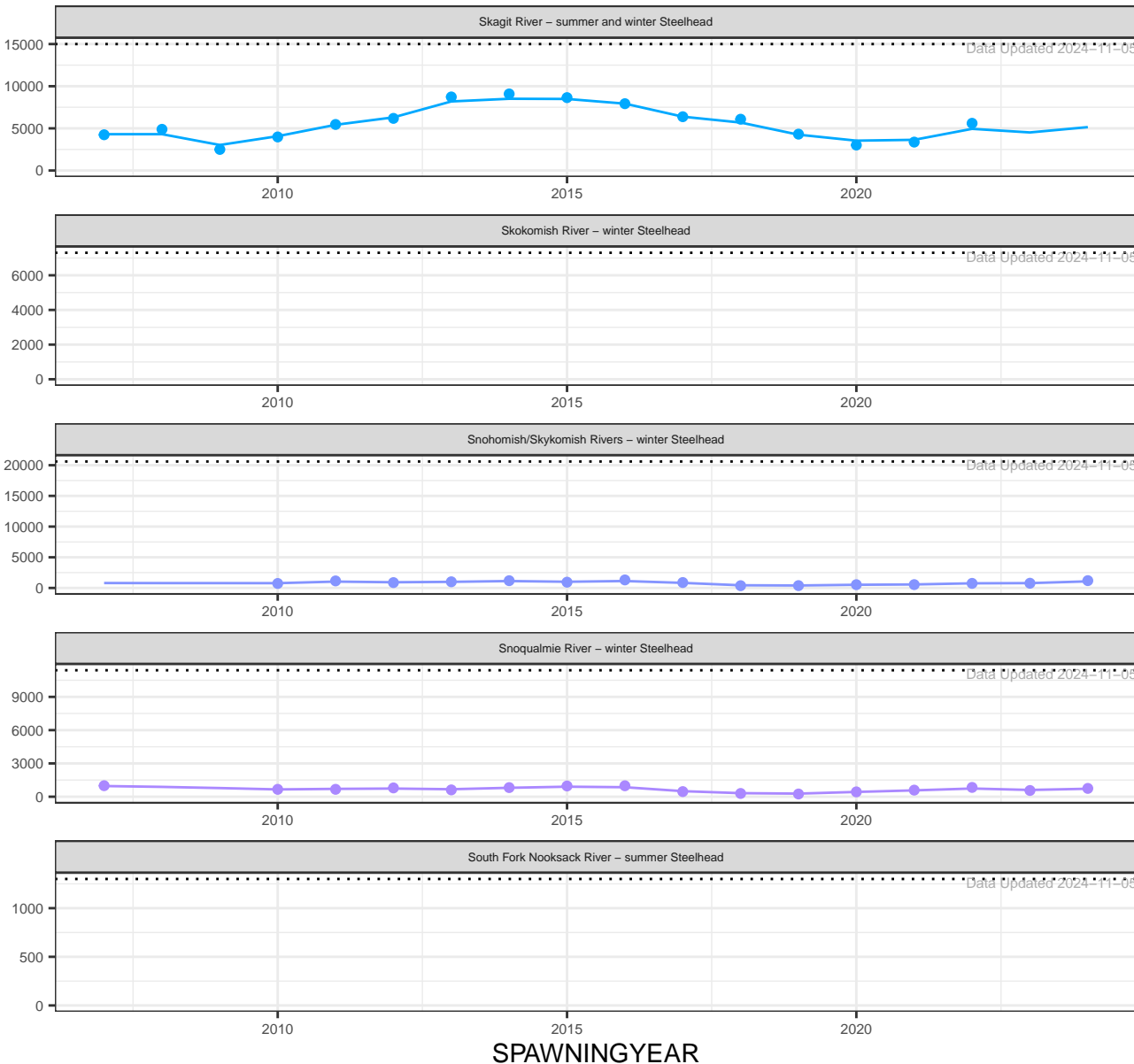
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Steelhead DPS

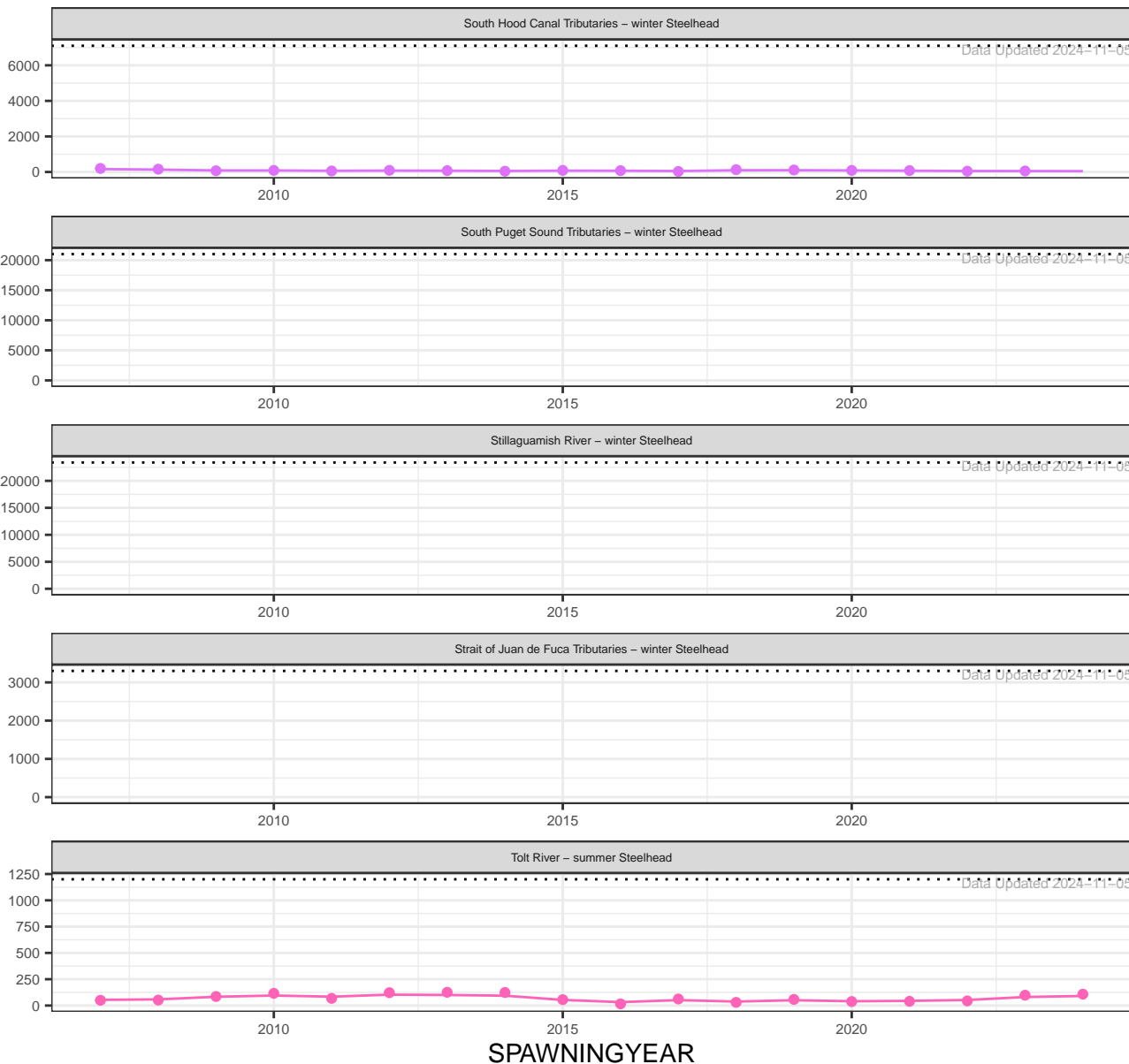
Natural Origin Spawner Abundance



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

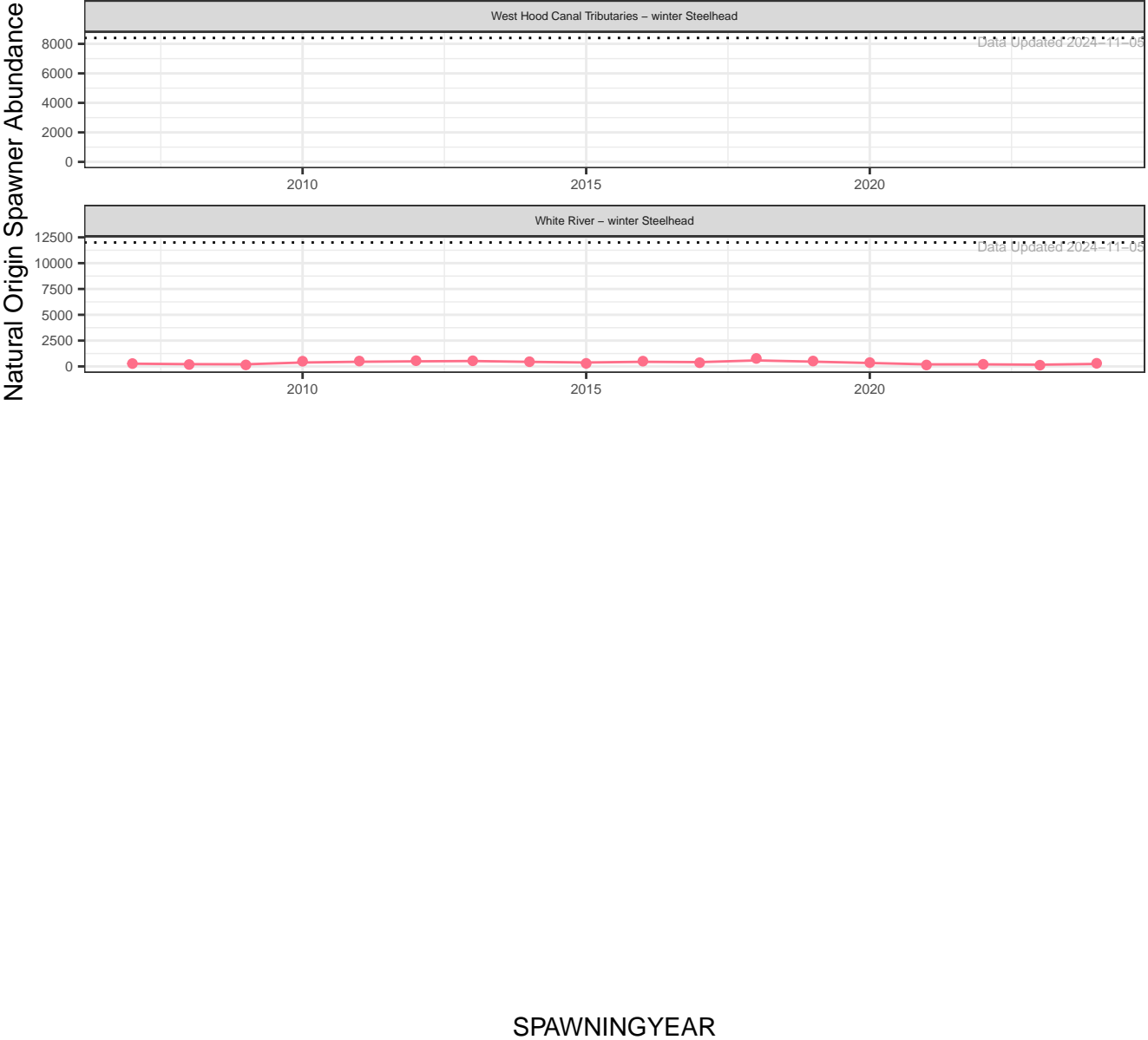
# Puget Sound Steelhead DPS

Natural Origin Spawner Abundance



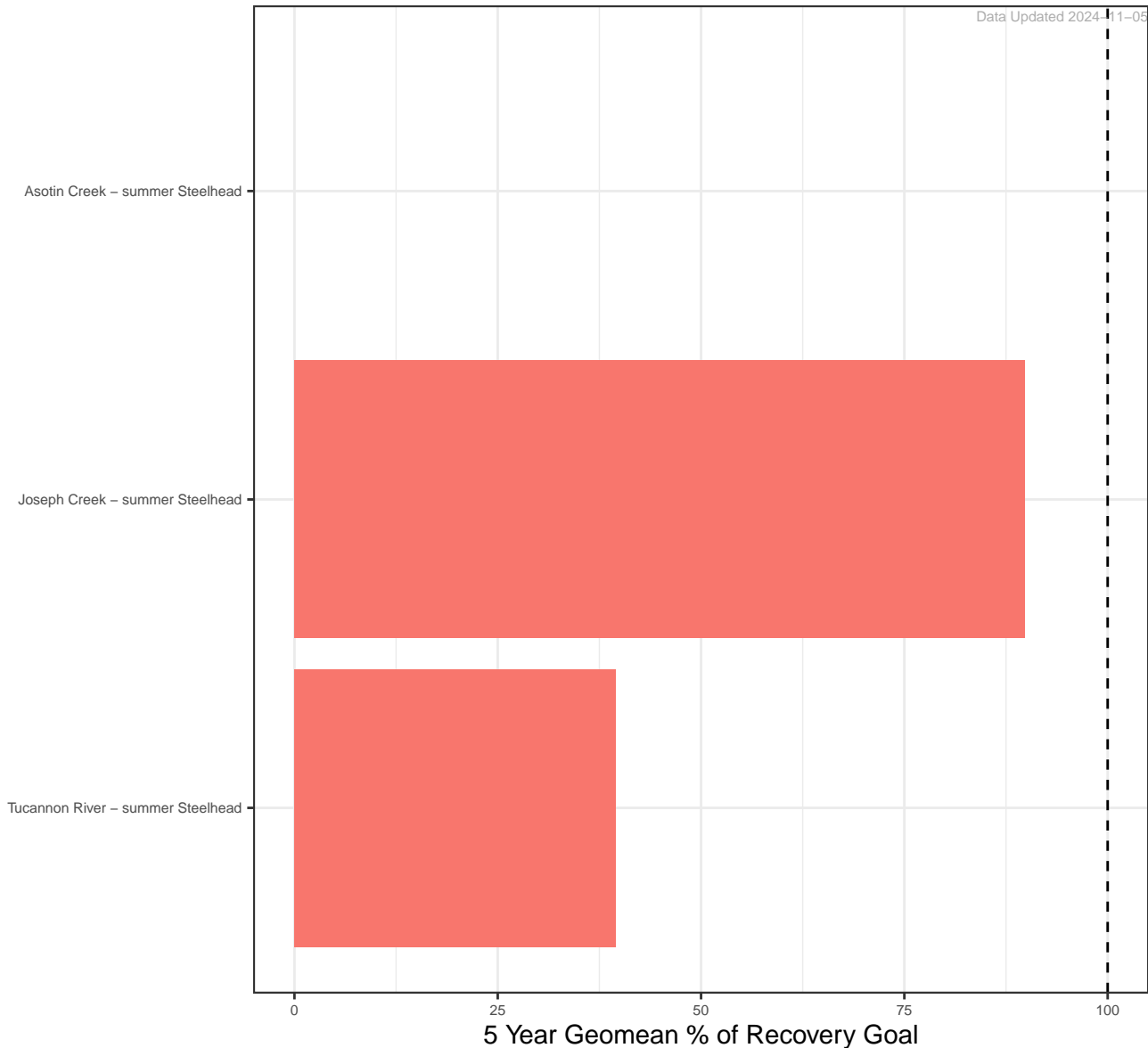
Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Puget Sound Steelhead DPS



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

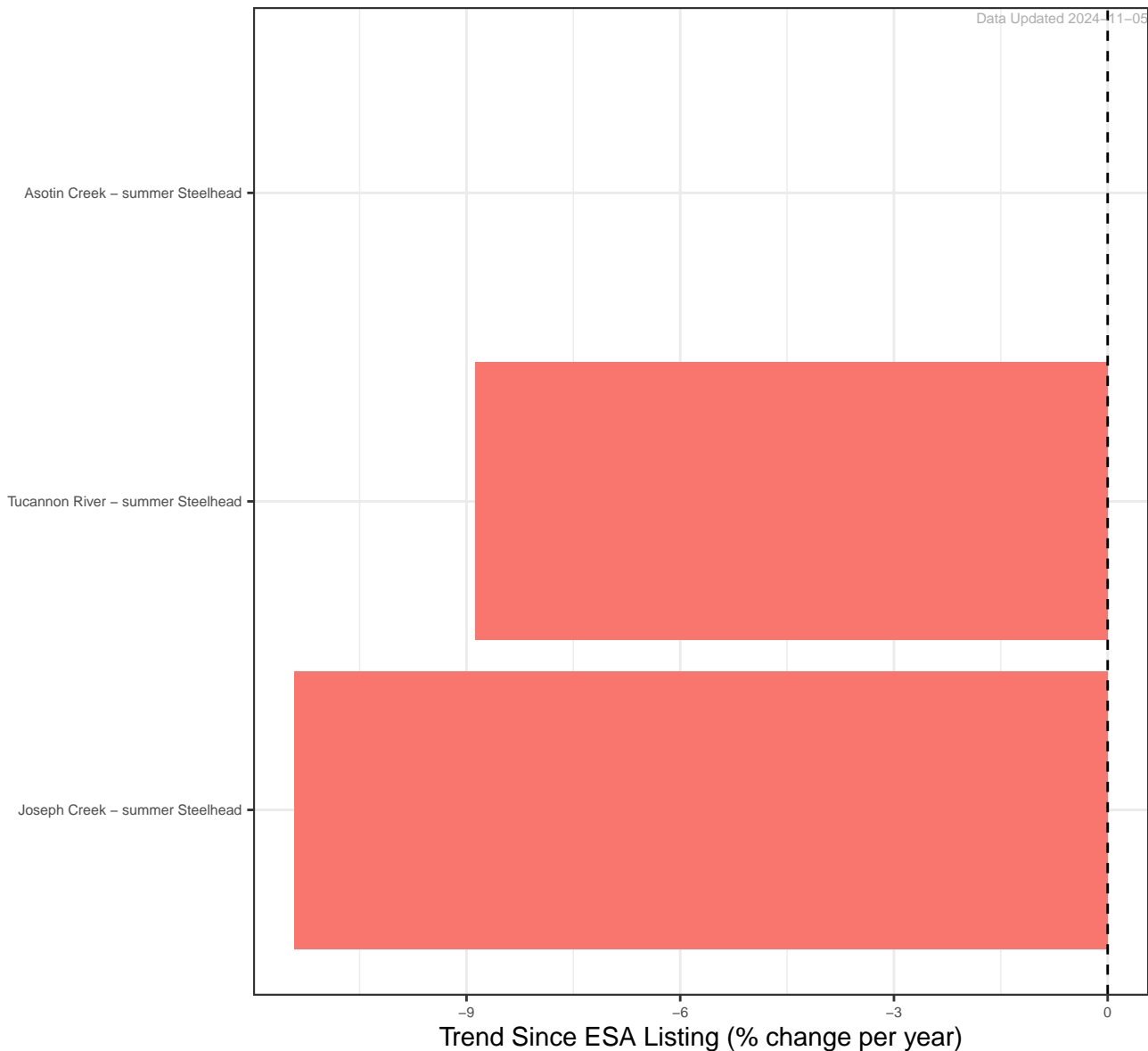
# Snake River Basin Steelhead DPS



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

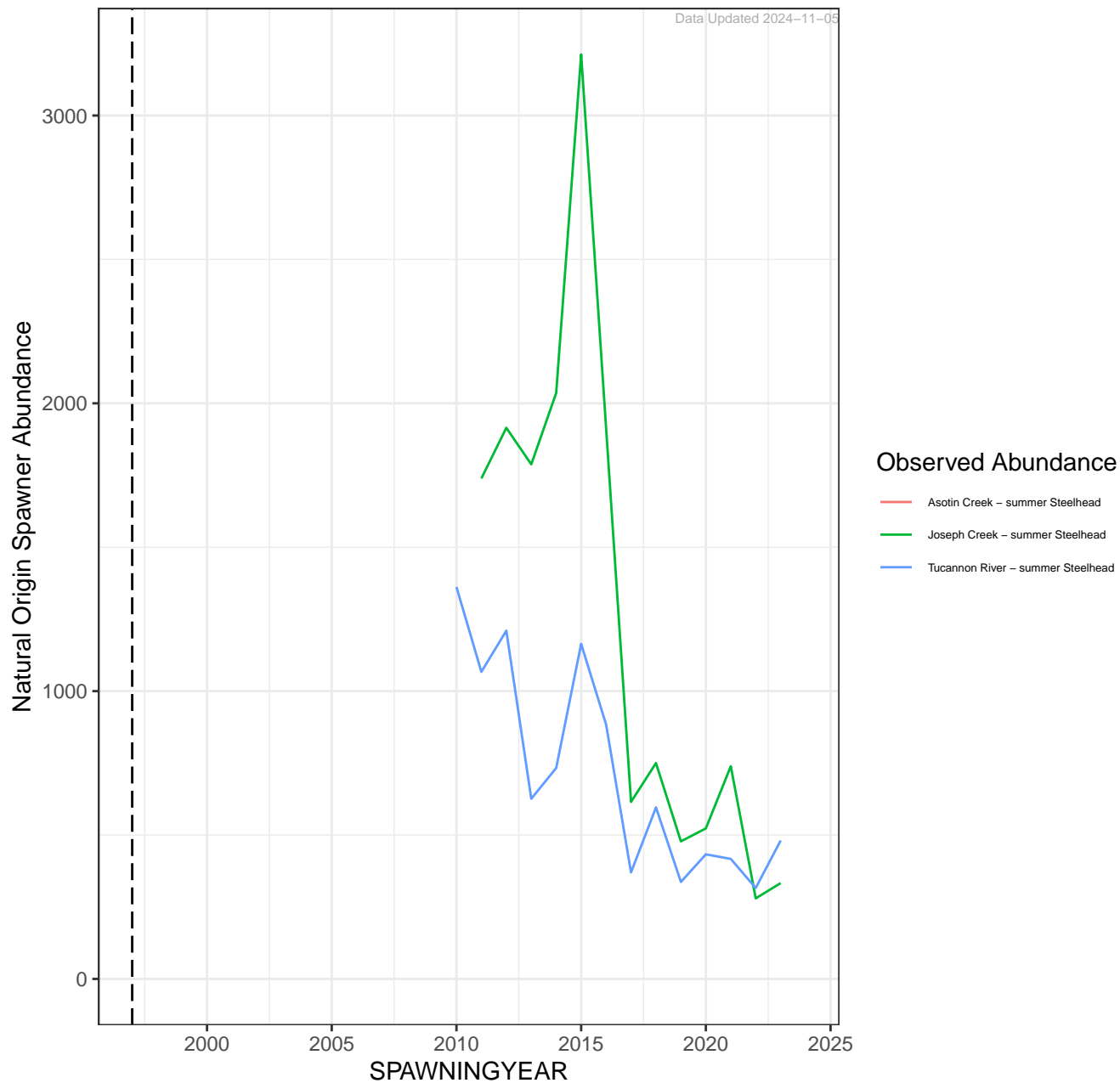


# Snake River Basin Steelhead DPS

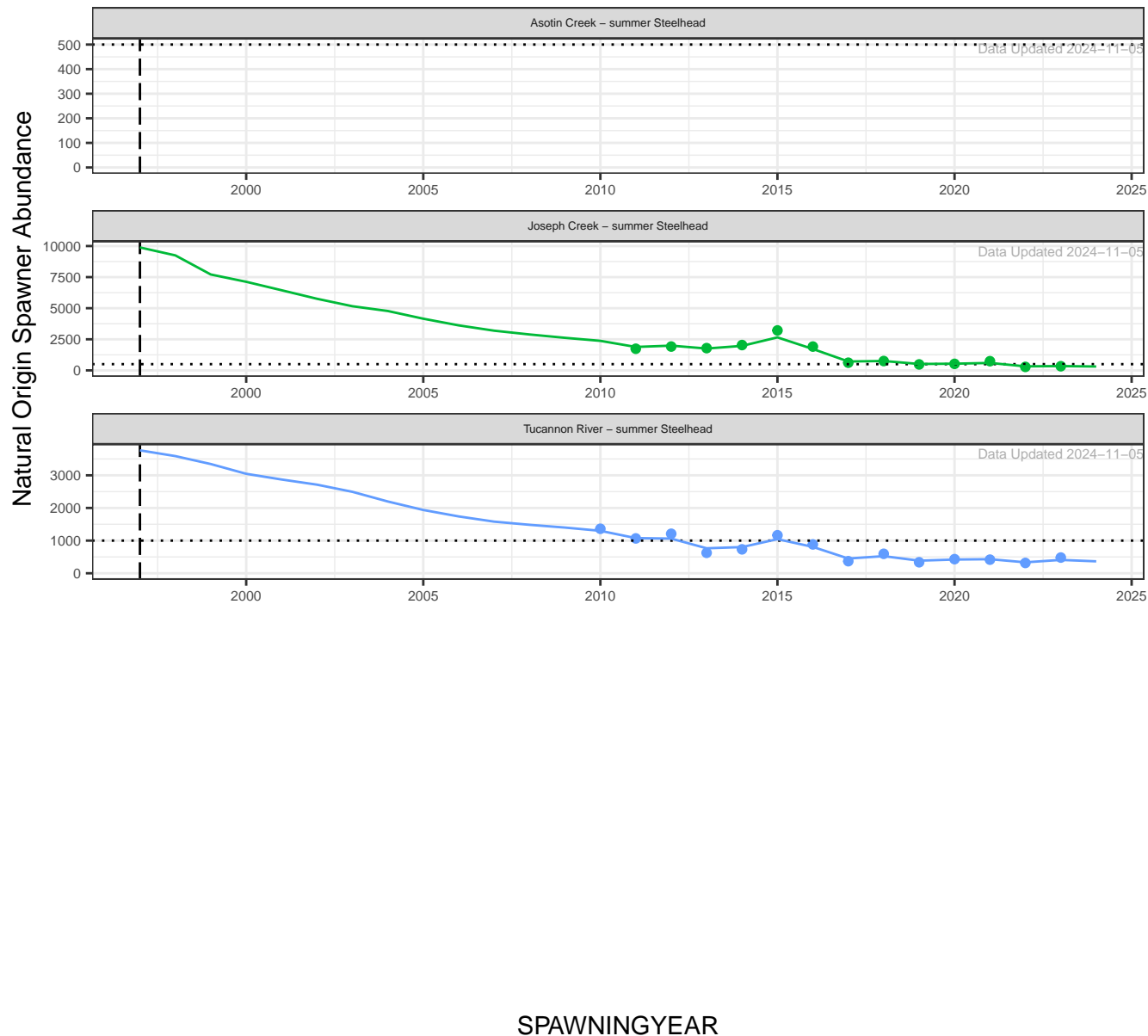


Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Snake River Basin Steelhead DPS

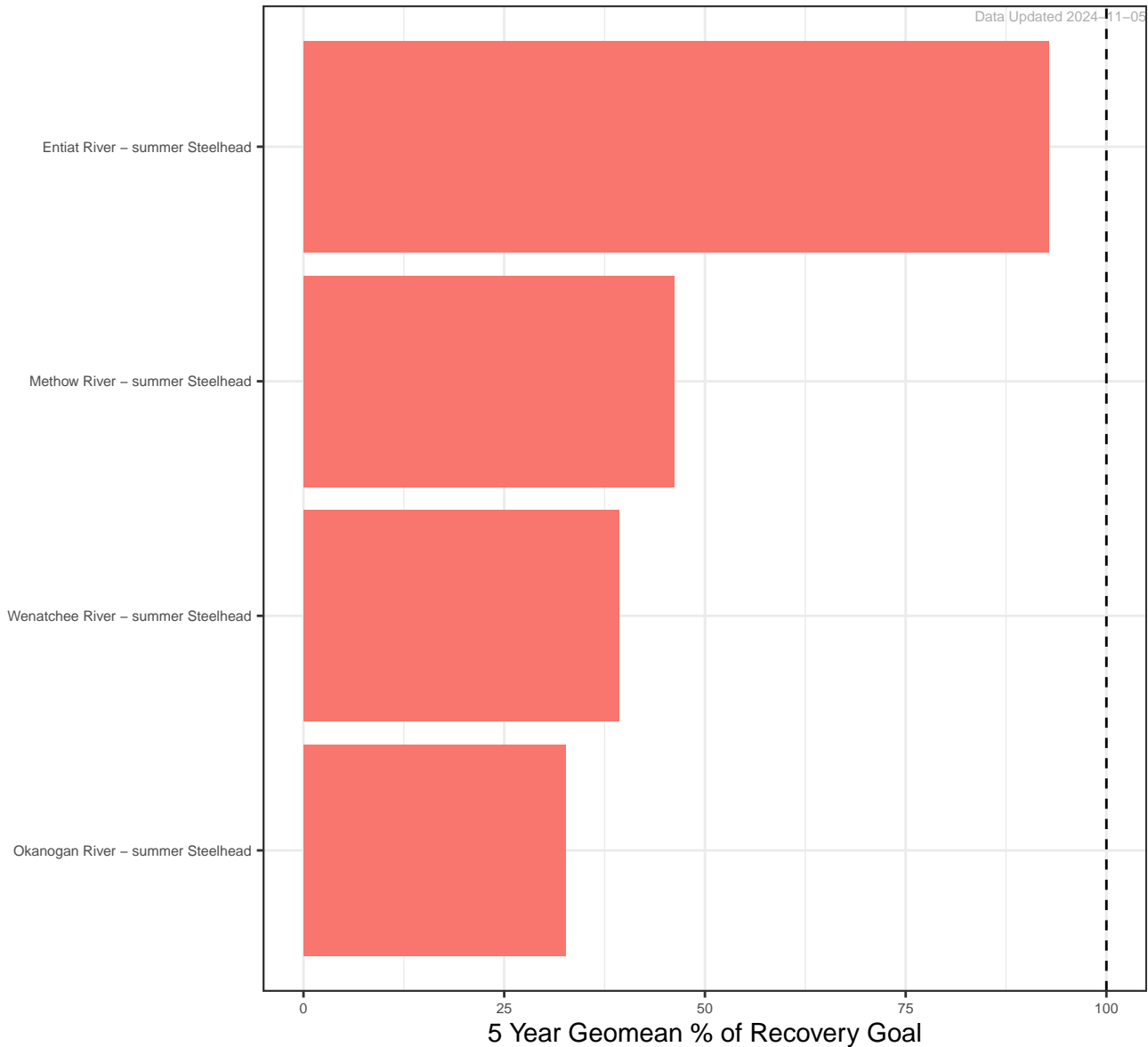


# Snake River Basin Steelhead DPS



Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.

# Upper Columbia River Steelhead DPS



Caption: Five year (2019–2023) geomean smoothed abundance as a percentage of recovery goals.  
Populations with no bars had no usable data.

# Upper Columbia River Steelhead DPS

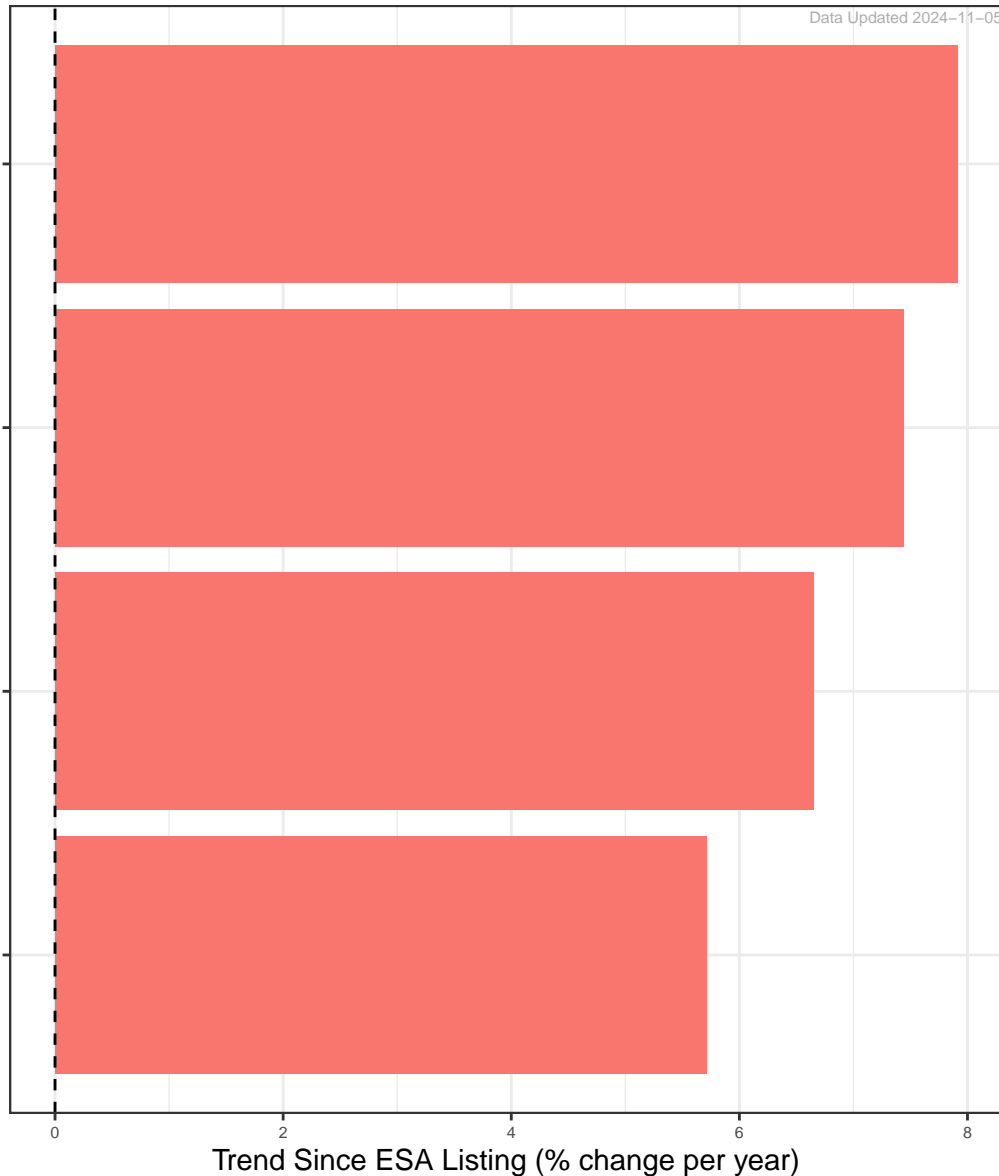
Data Updated 2024-11-05

Entiat River – summer Steelhead

Okanogan River – summer Steelhead

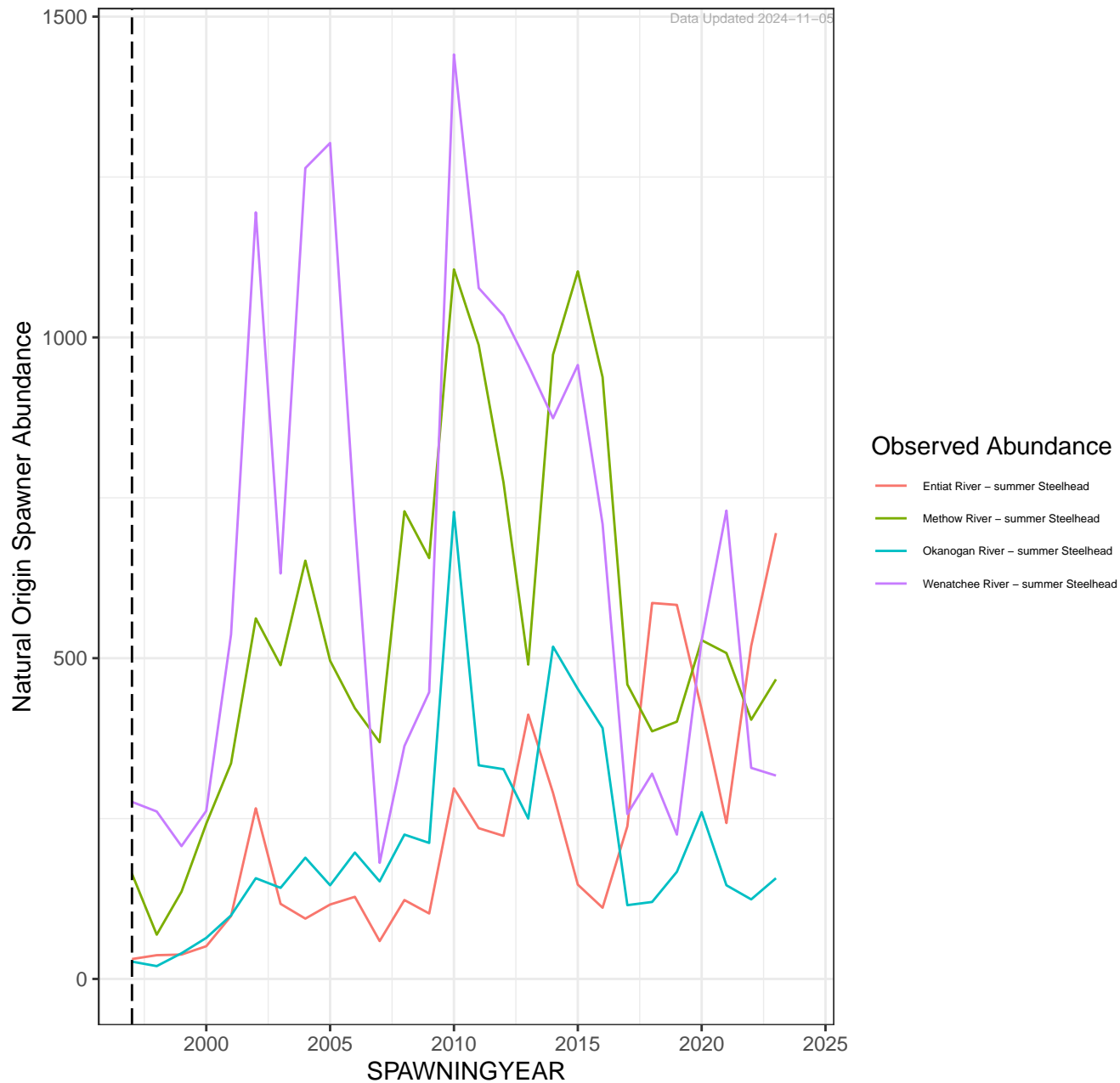
Methow River – summer Steelhead

Wenatchee River – summer Steelhead



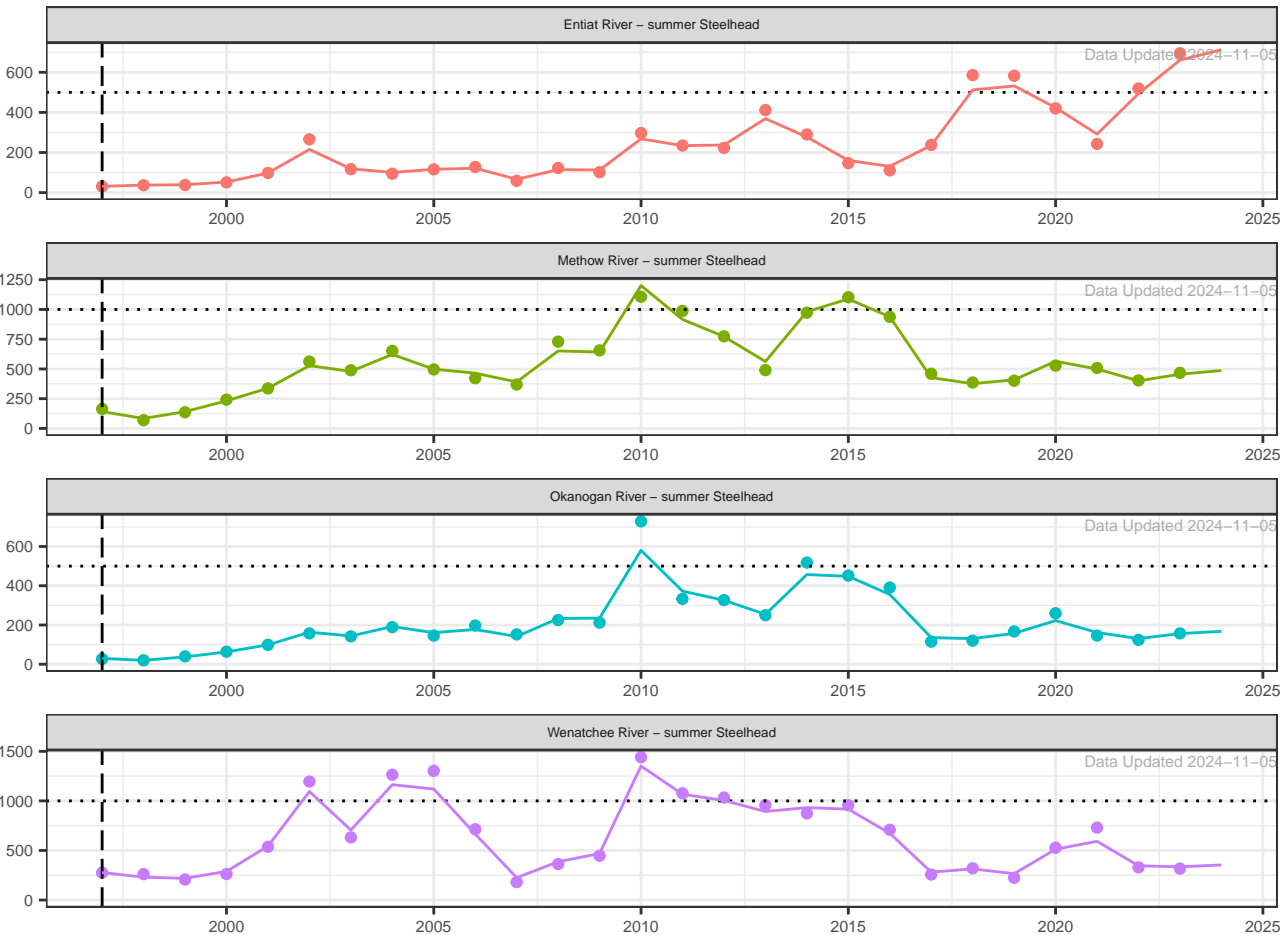
Caption: Trend since ESA-listing (percent change in abundance per year). Populations with no bars had no usable data.

# Upper Columbia River Steelhead DPS



# Upper Columbia River Steelhead DPS

Natural Origin Spawner Abundance



SPAWNINGYEAR

Caption: Observed (points) and smoothed (line) abundance since year of ESA-listing (vertical dashed line). Horizontal dotted line is recovery goal.