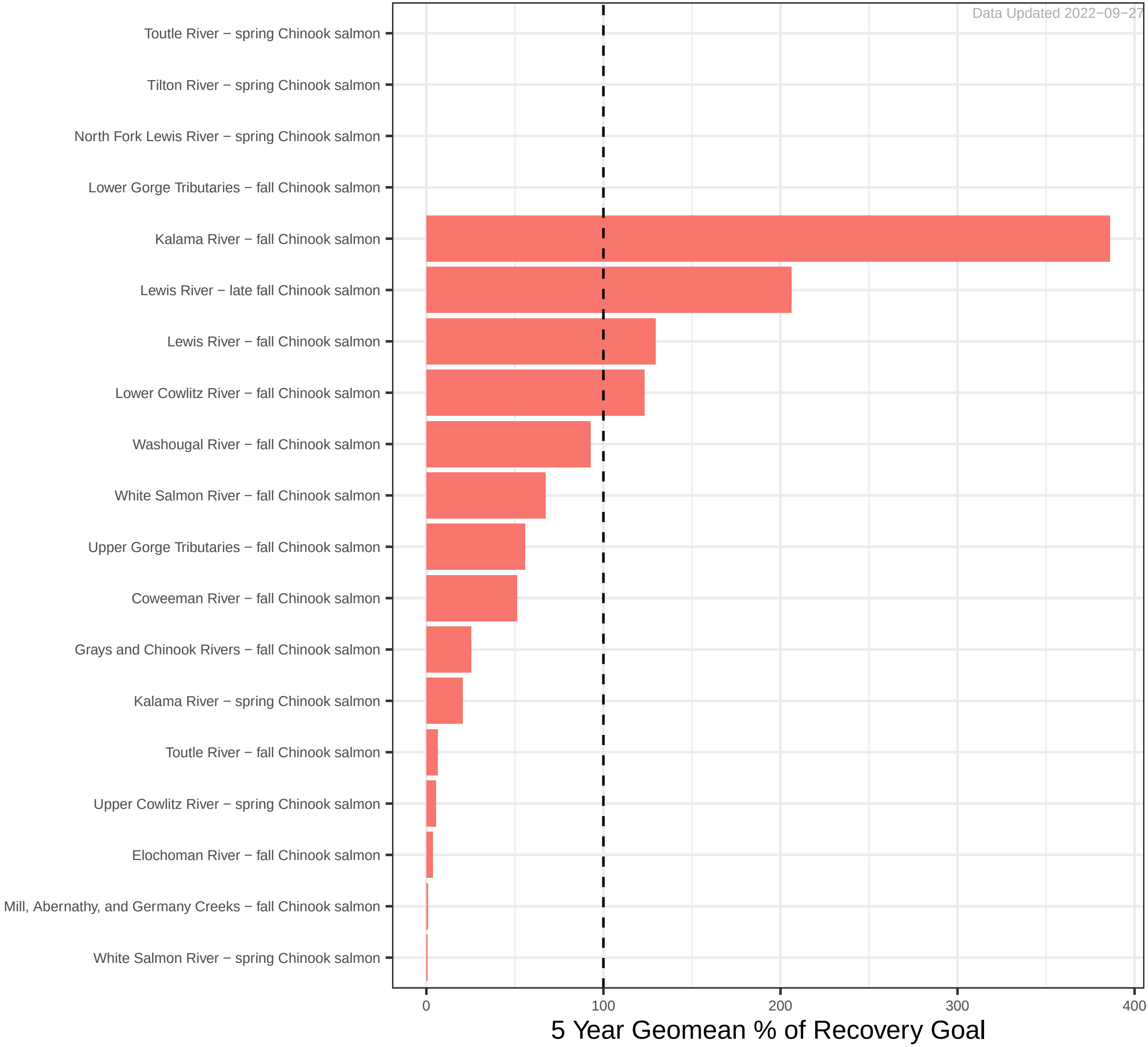
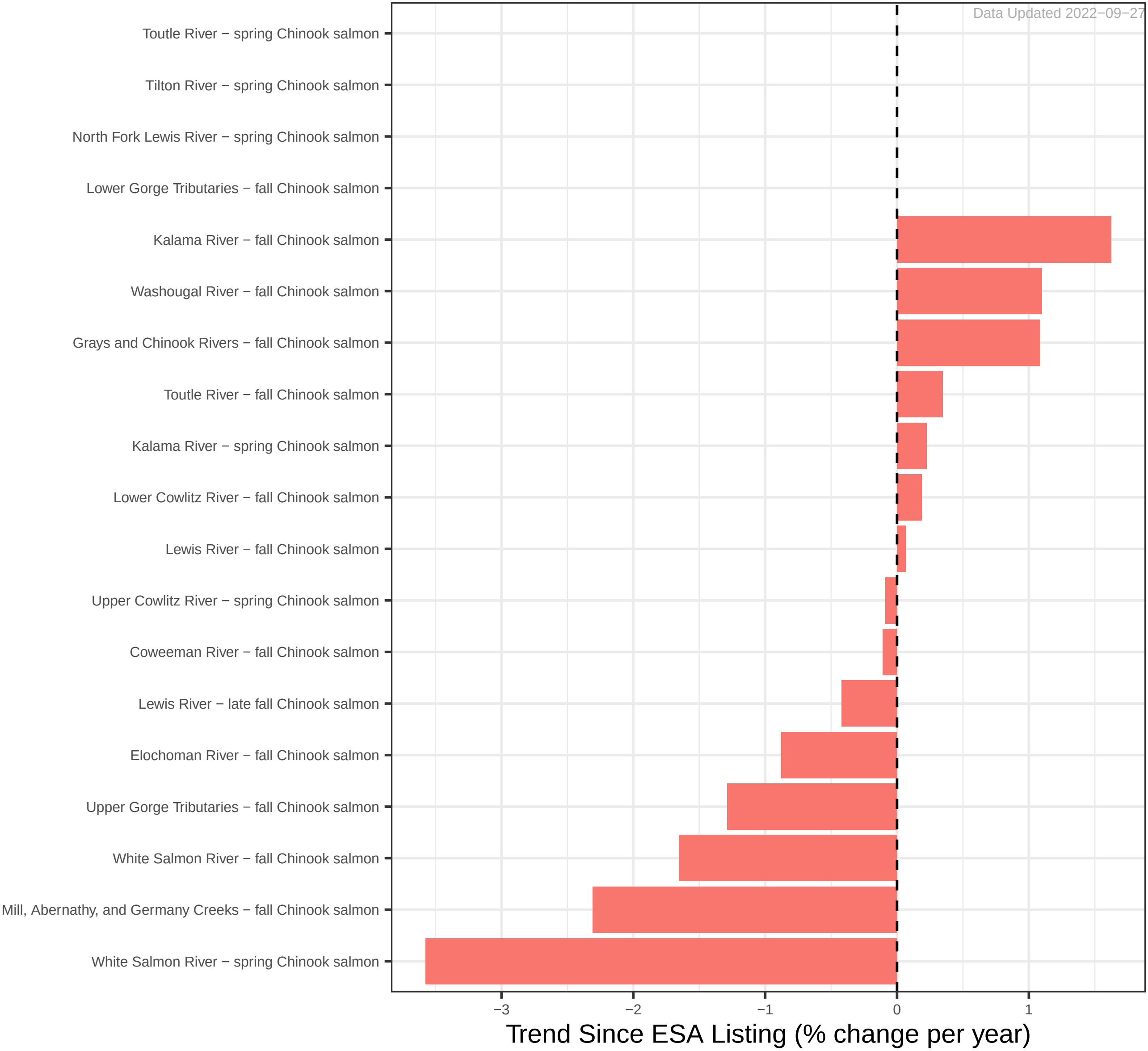
Lower Columbia River Chinook ESU

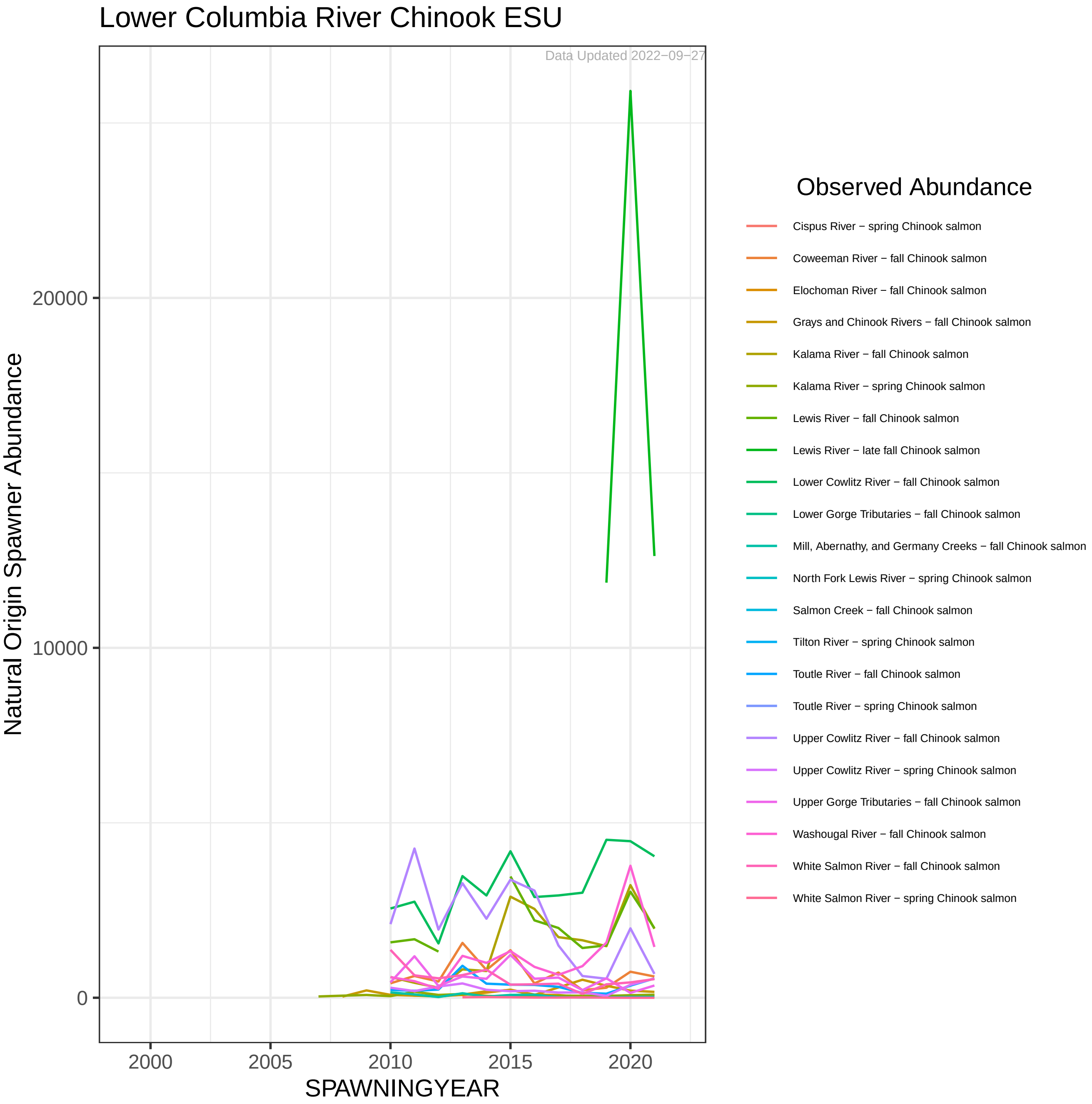


Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

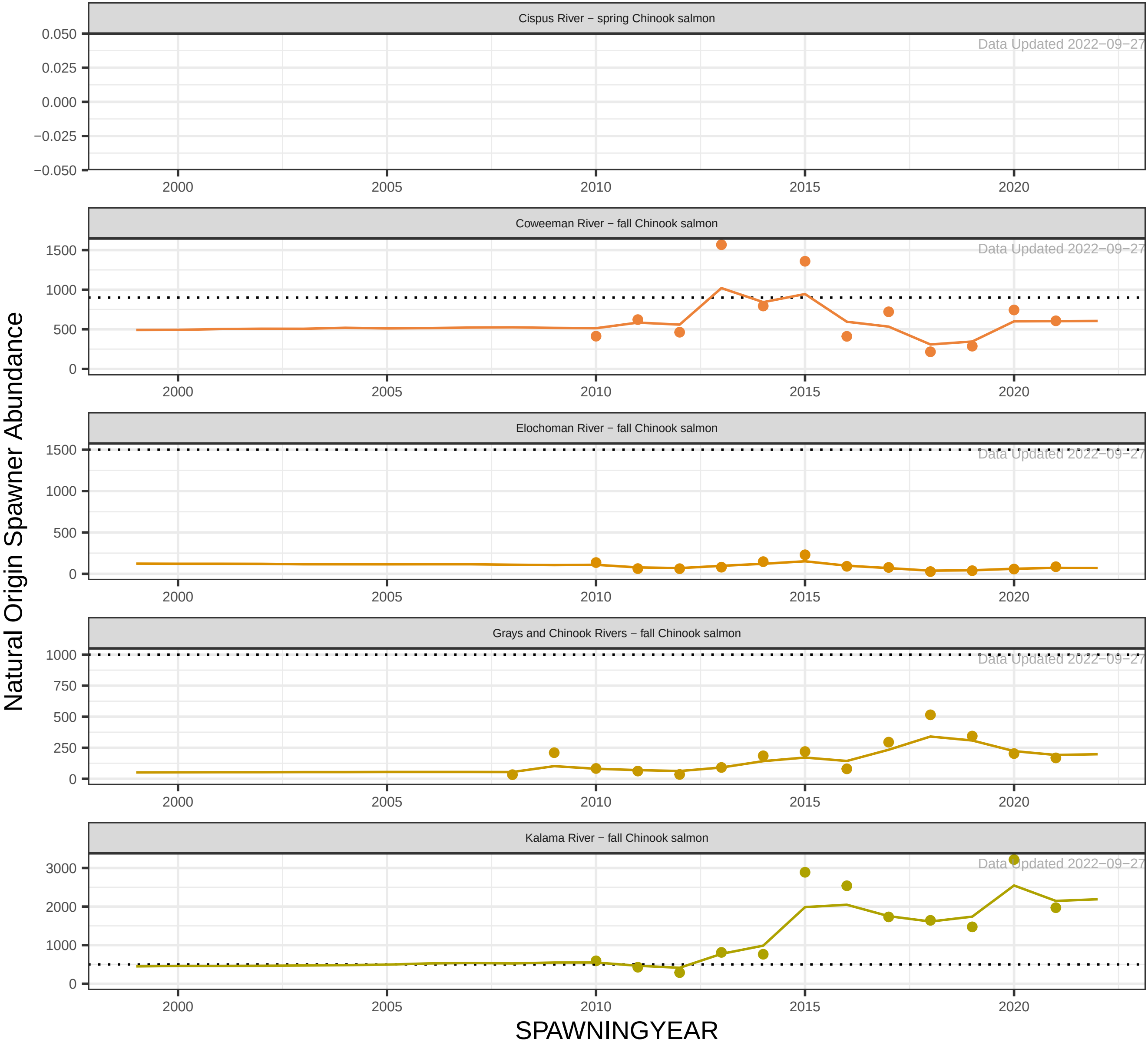
Lower Columbia River Chinook ESU



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

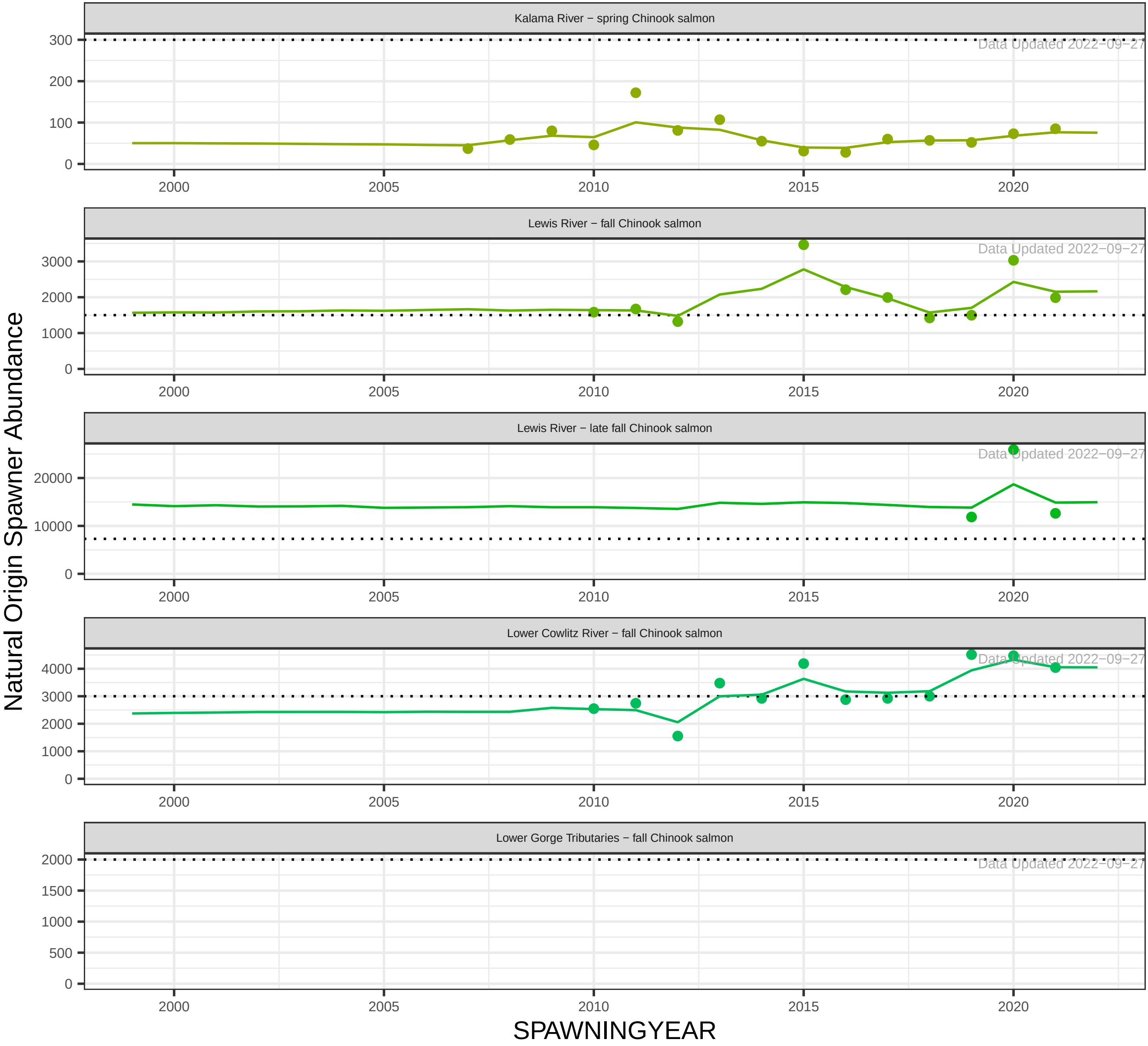

Lower Columbia River Chinook ESU
Data Updated 2022−09−27
Natural Origin Spawner Abundance
20000
10000
0
2000
2005
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
Cispus River − spring Chinook salmon
Coweeman River − fall Chinook salmon
Elochoman River − fall Chinook salmon
Grays and Chinook Rivers − fall Chinook salmon
Kalama River − fall Chinook salmon
Kalama River − spring Chinook salmon
Lewis River − fall Chinook salmon
Lewis River − late fall Chinook salmon
Lower Cowlitz River − fall Chinook salmon
Lower Gorge Tributaries − fall Chinook salmon
Mill, Abernathy, and Germany Creeks − fall Chinook salmon
North Fork Lewis River − spring Chinook salmon
Salmon Creek − fall Chinook salmon
Tilton River − spring Chinook salmon
Toutle River − fall Chinook salmon
Toutle River − spring Chinook salmon
Upper Cowlitz River − fall Chinook salmon
Upper Cowlitz River − spring Chinook salmon
Upper Gorge Tributaries − fall Chinook salmon
Washougal River − fall Chinook salmon
White Salmon River − fall Chinook salmon
White Salmon River − spring Chinook salmon

Lower Columbia River Chinook ESU



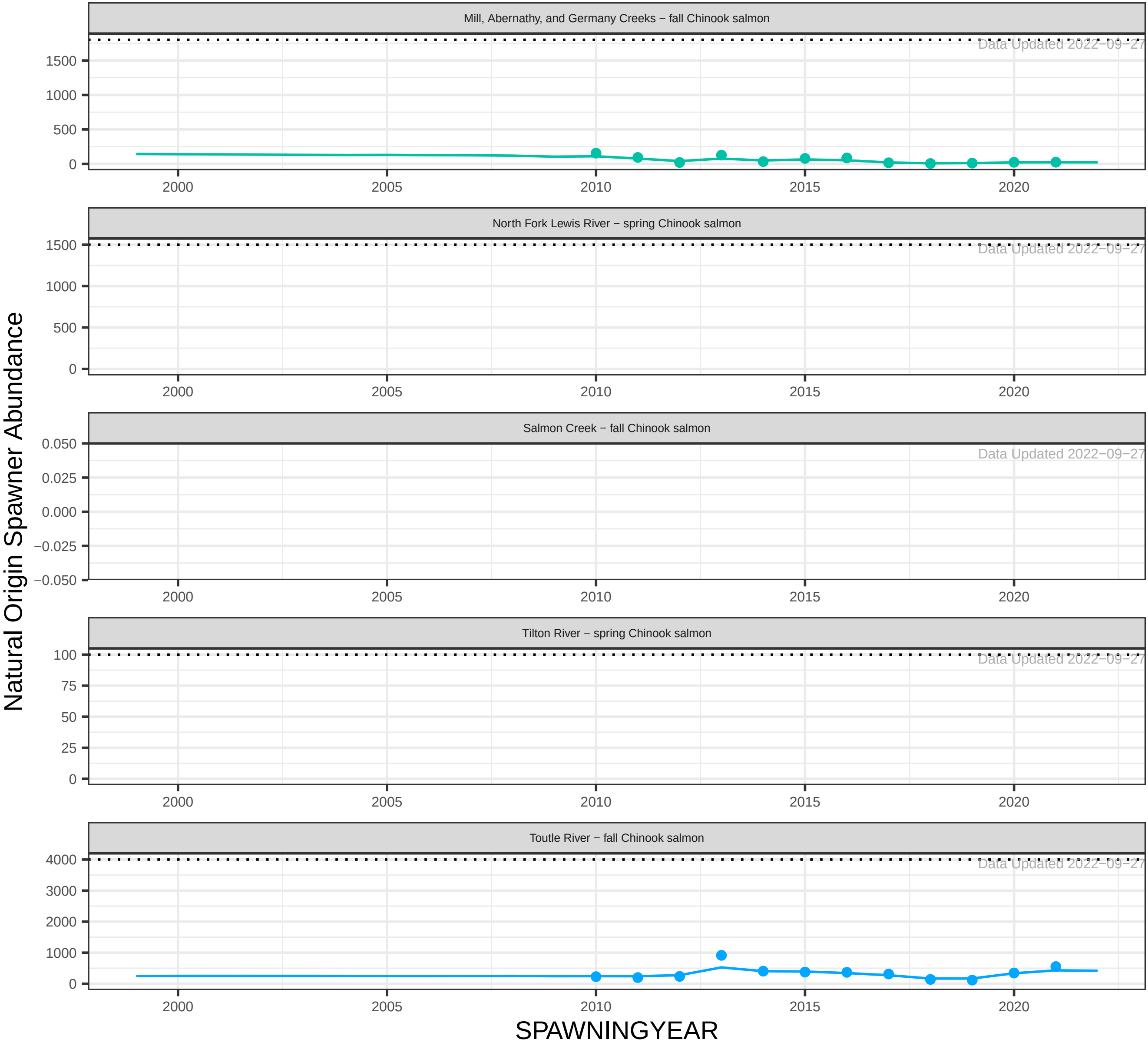
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Chinook ESU



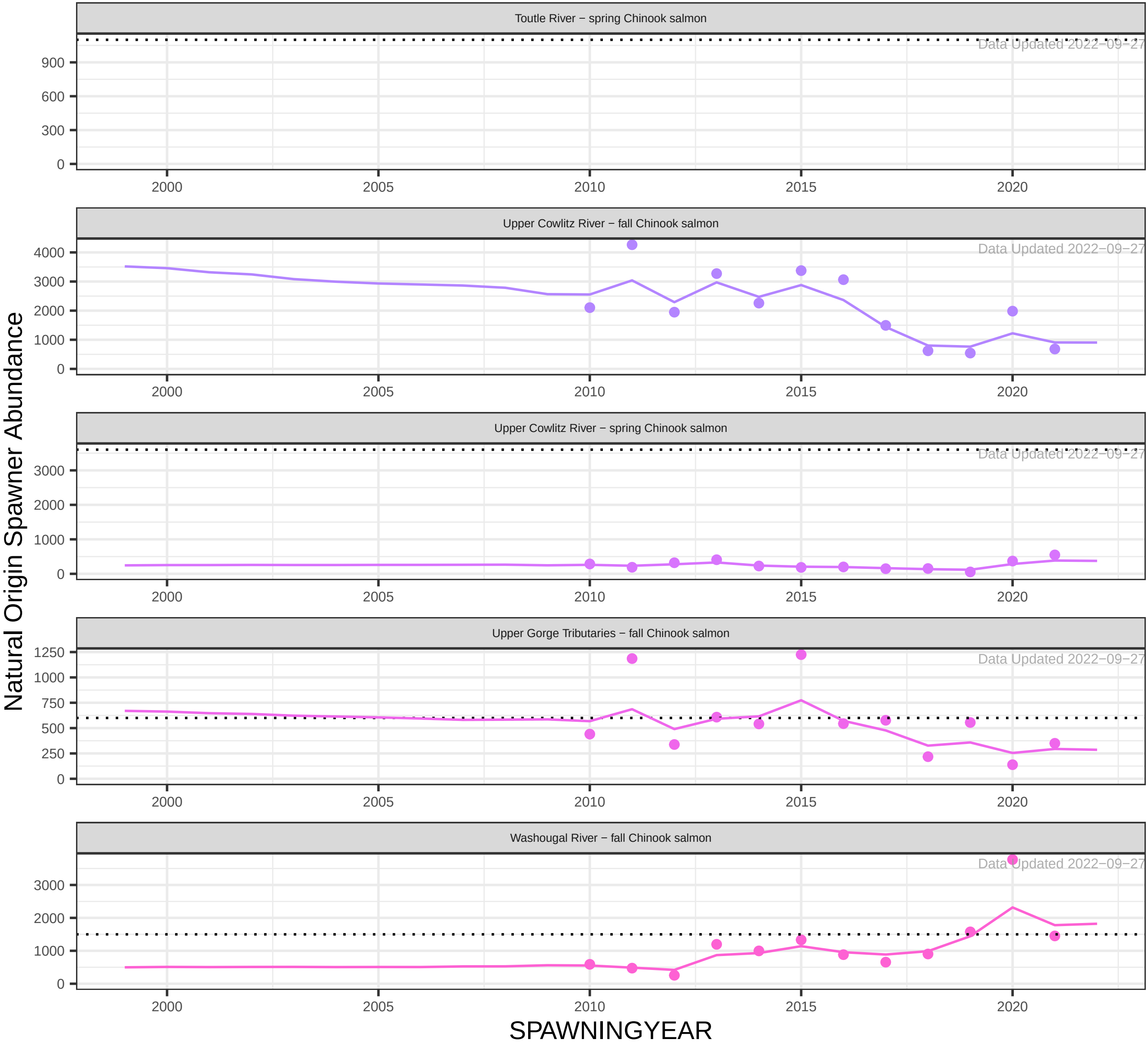
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Chinook ESU



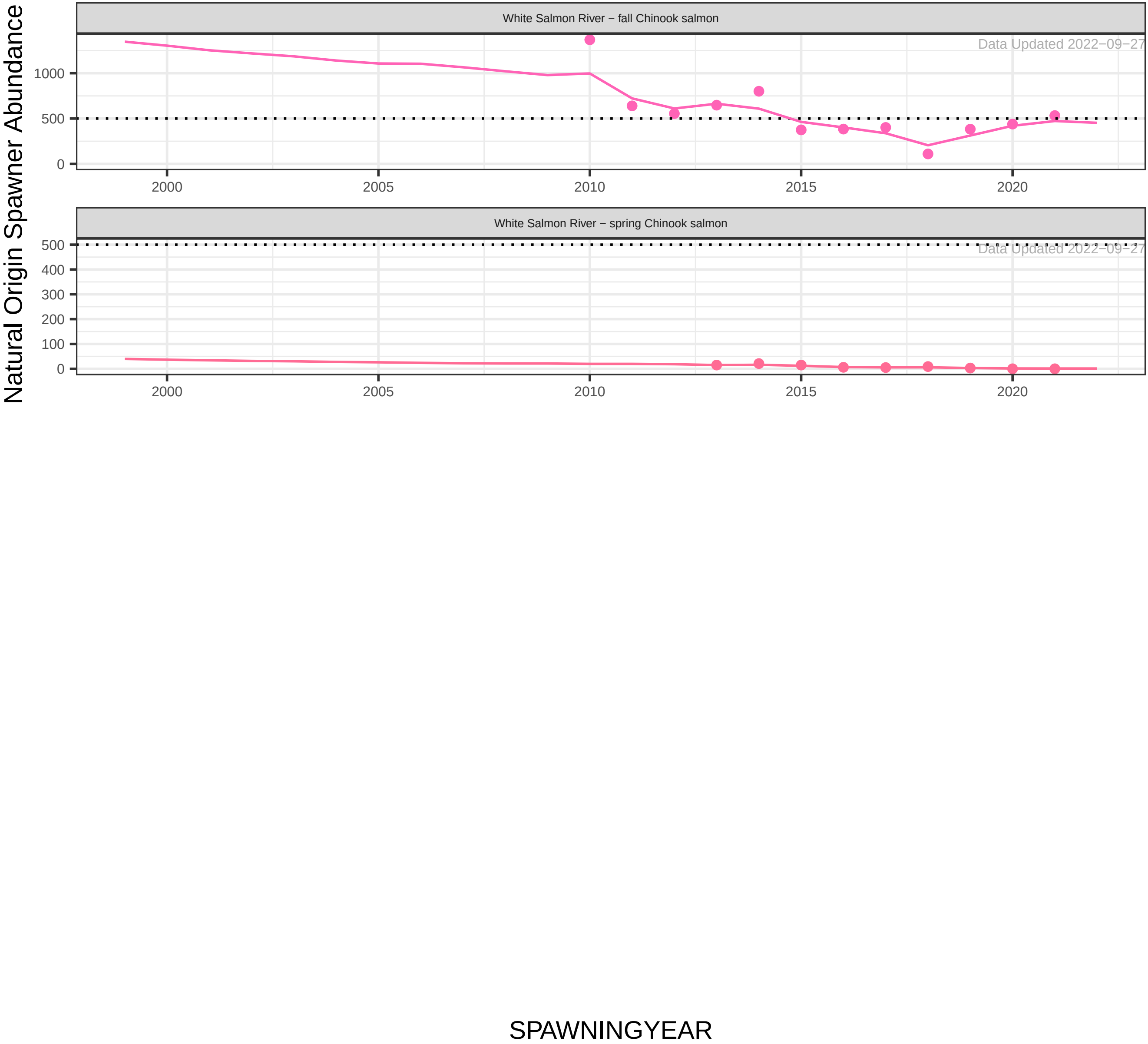
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Chinook ESU

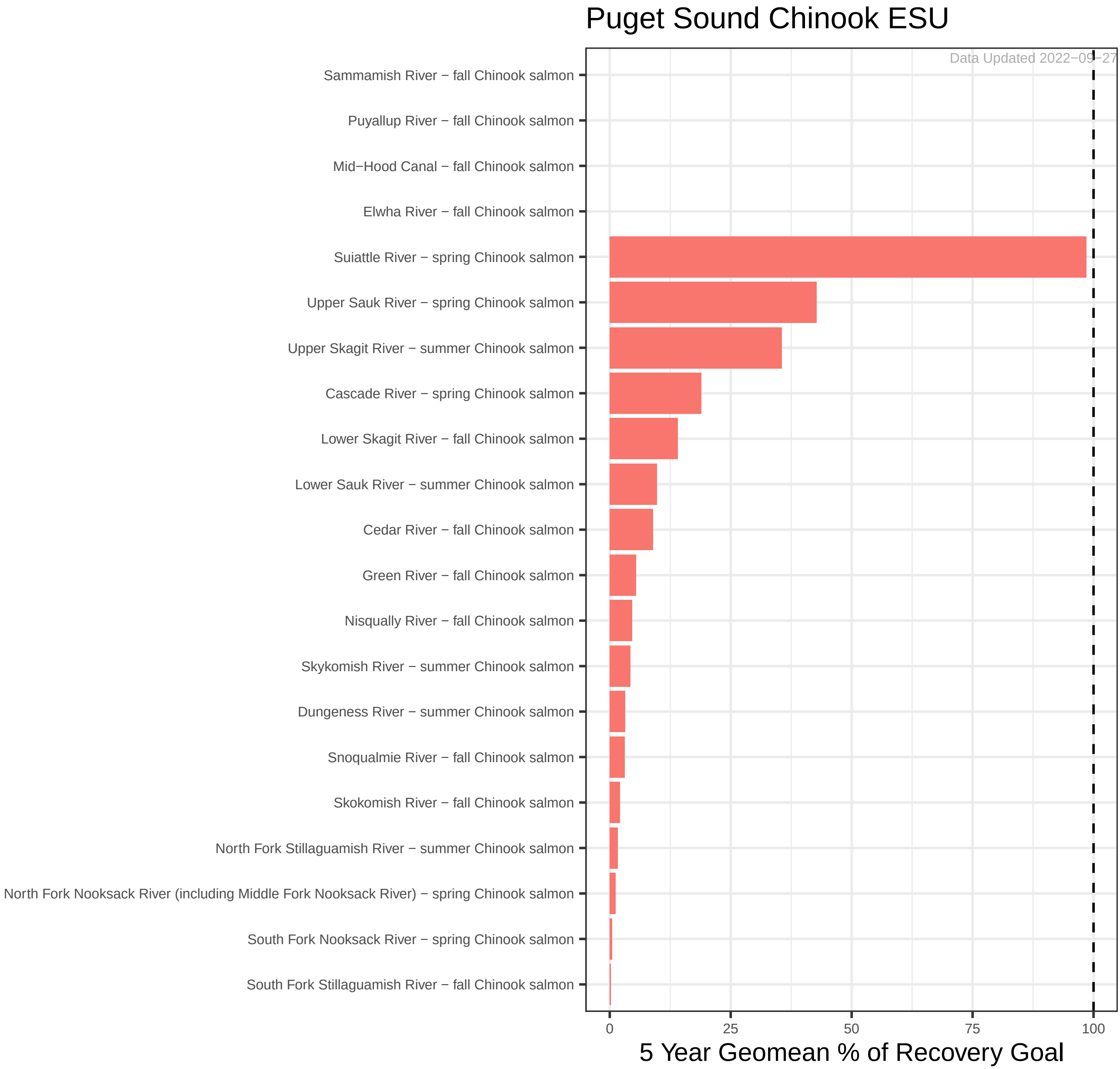


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

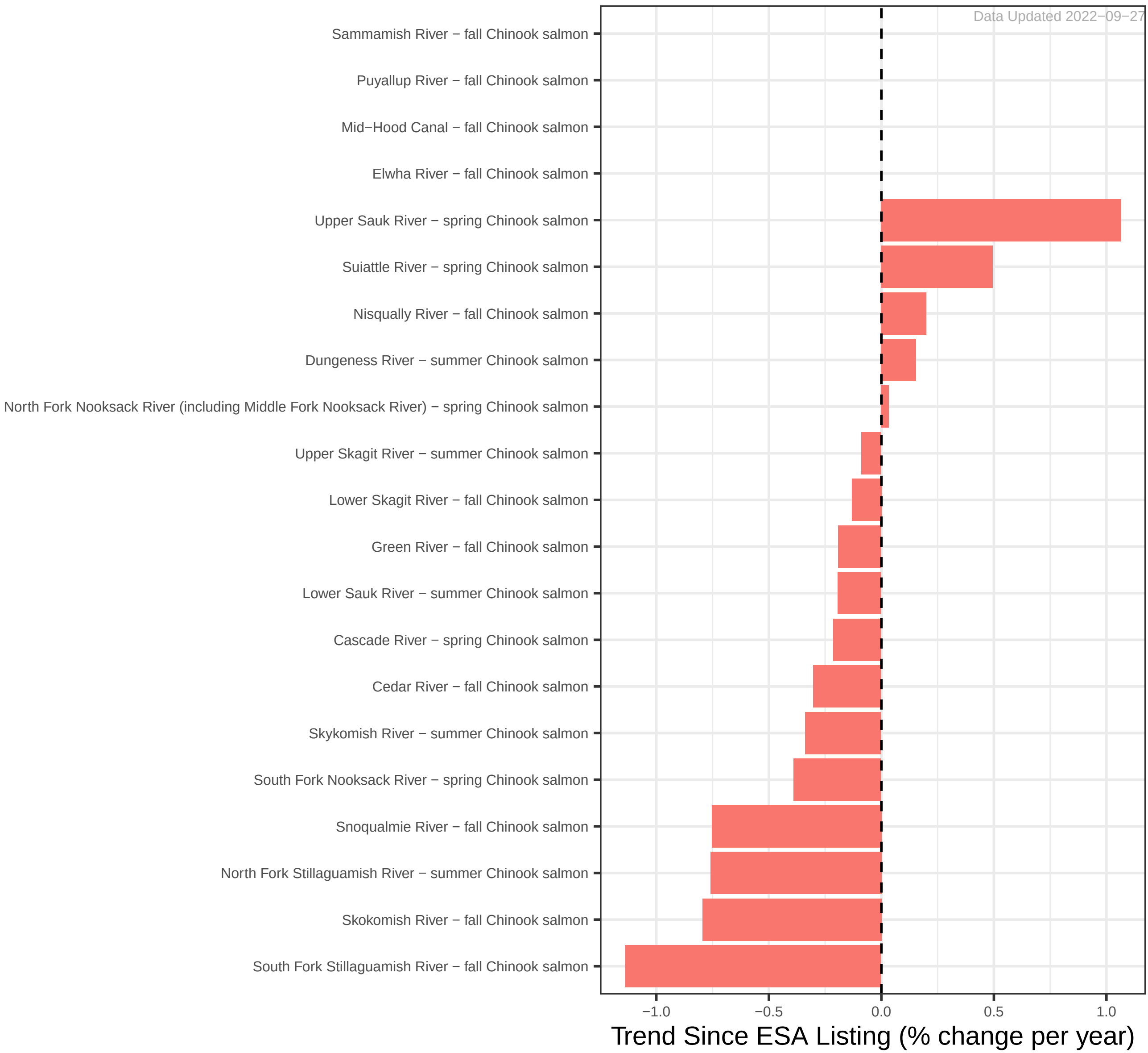
Lower Columbia River Chinook ESU



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



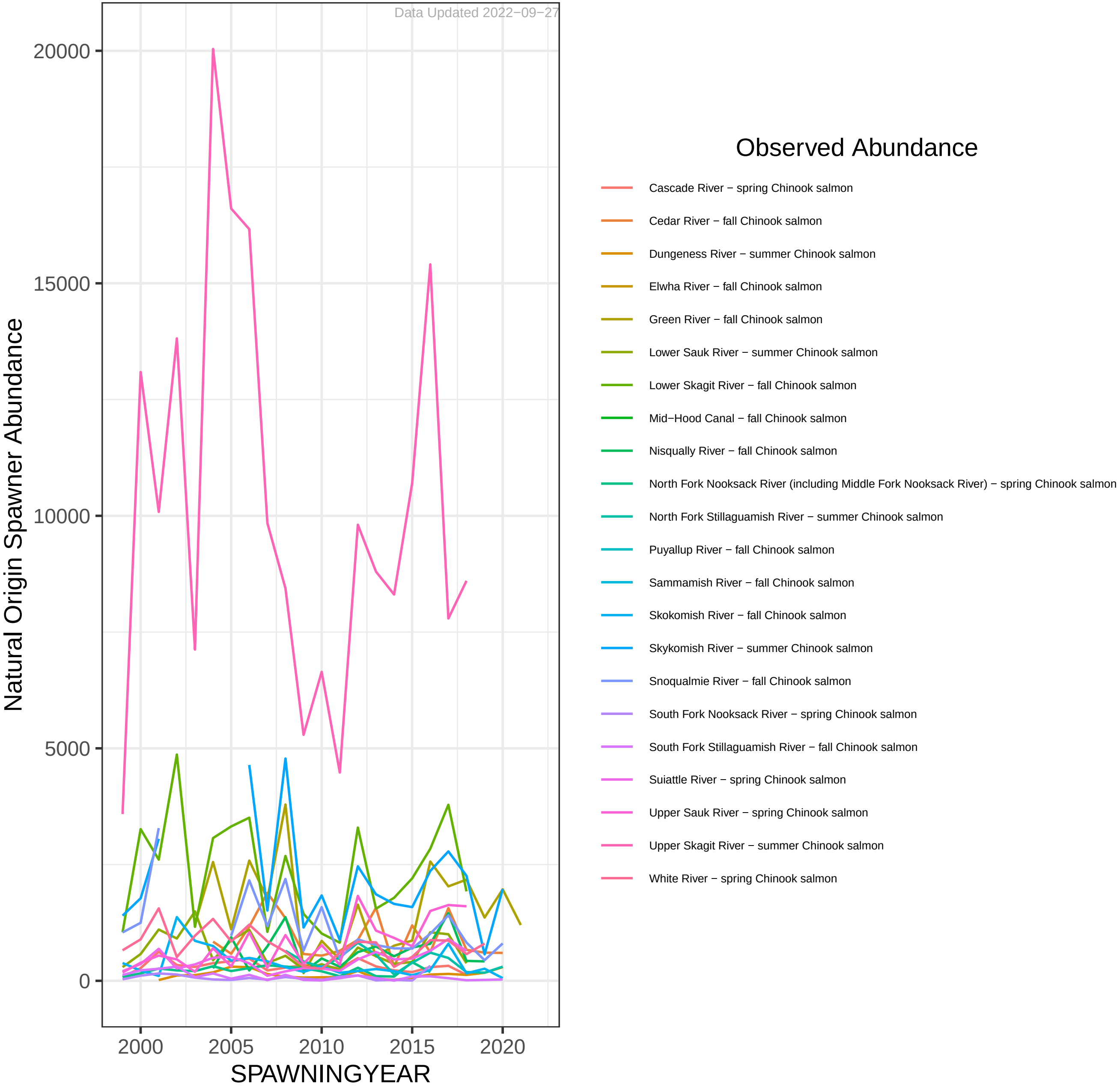
Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.



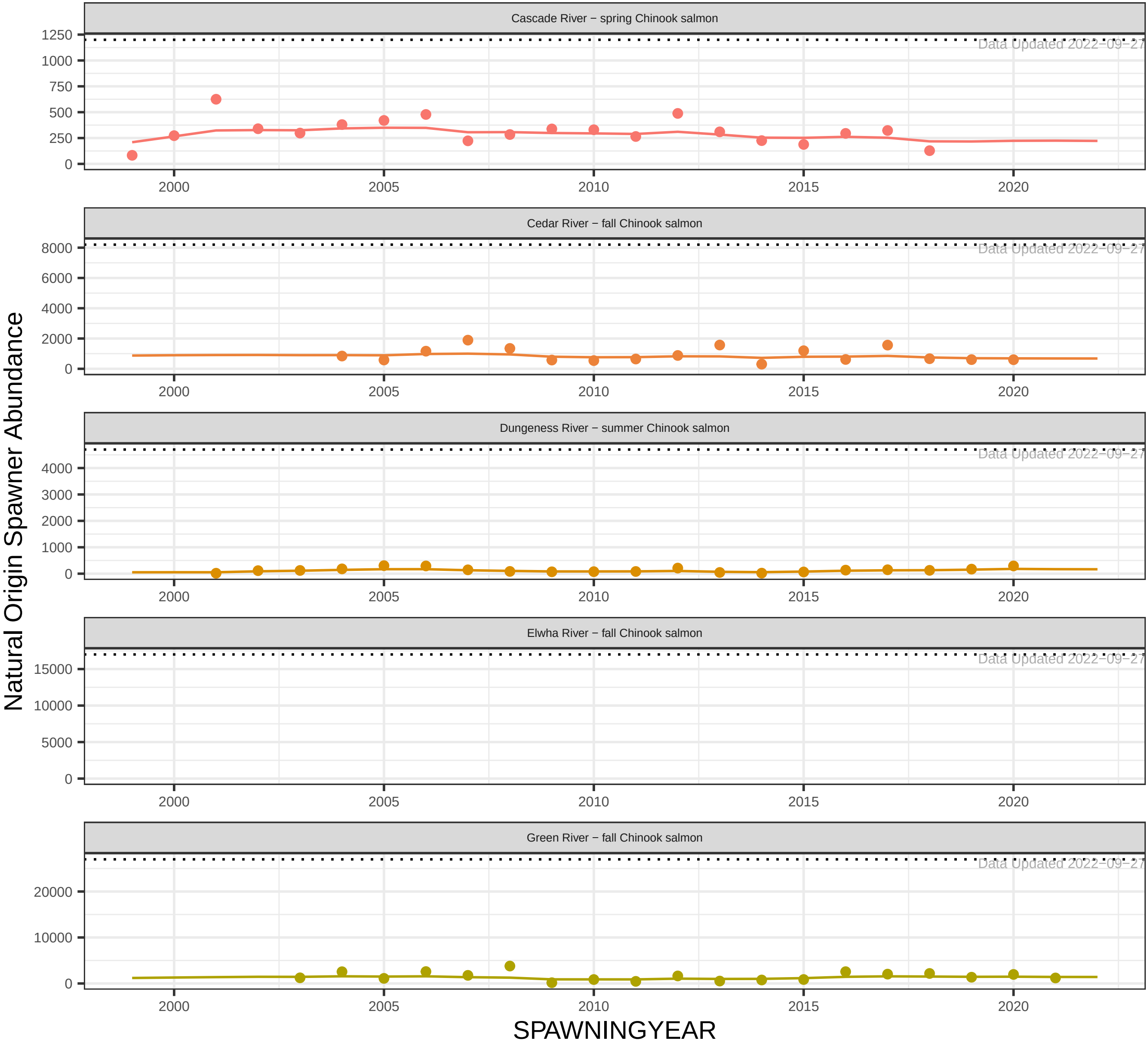
Puget Sound Chinook ESU

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

Puget Sound Chinook ESU

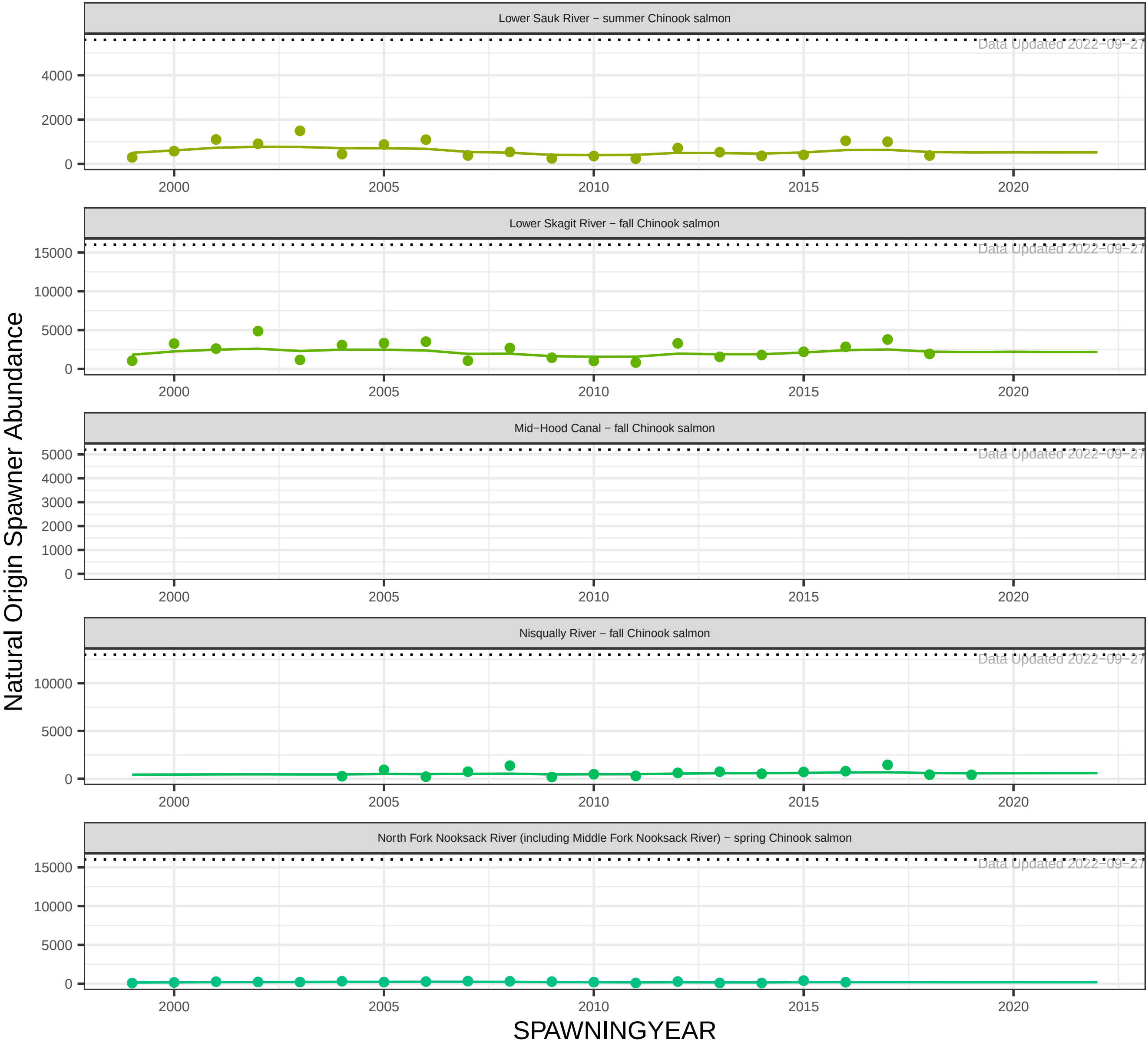


Puget Sound Chinook ESU



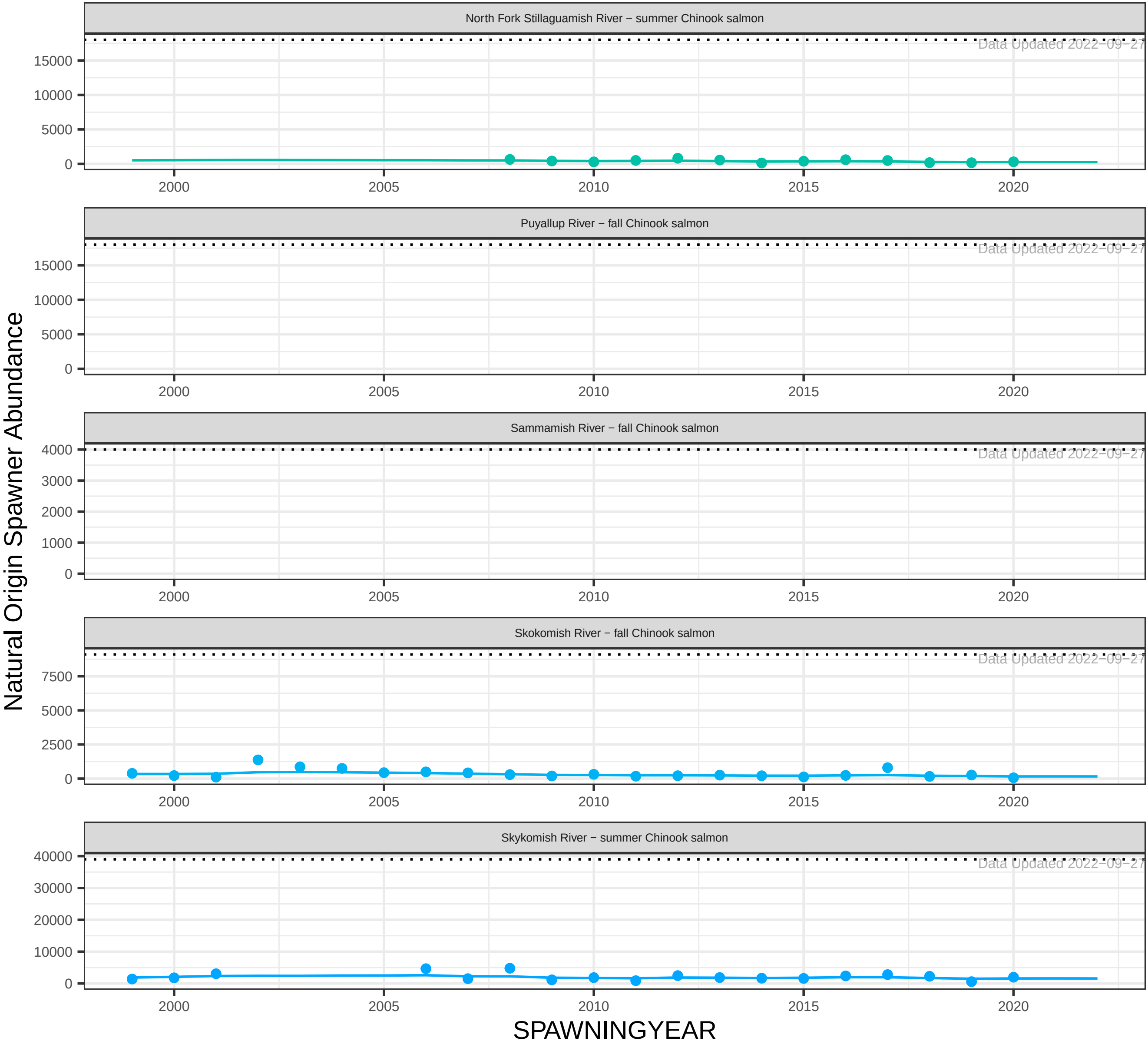
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Puget Sound Chinook ESU



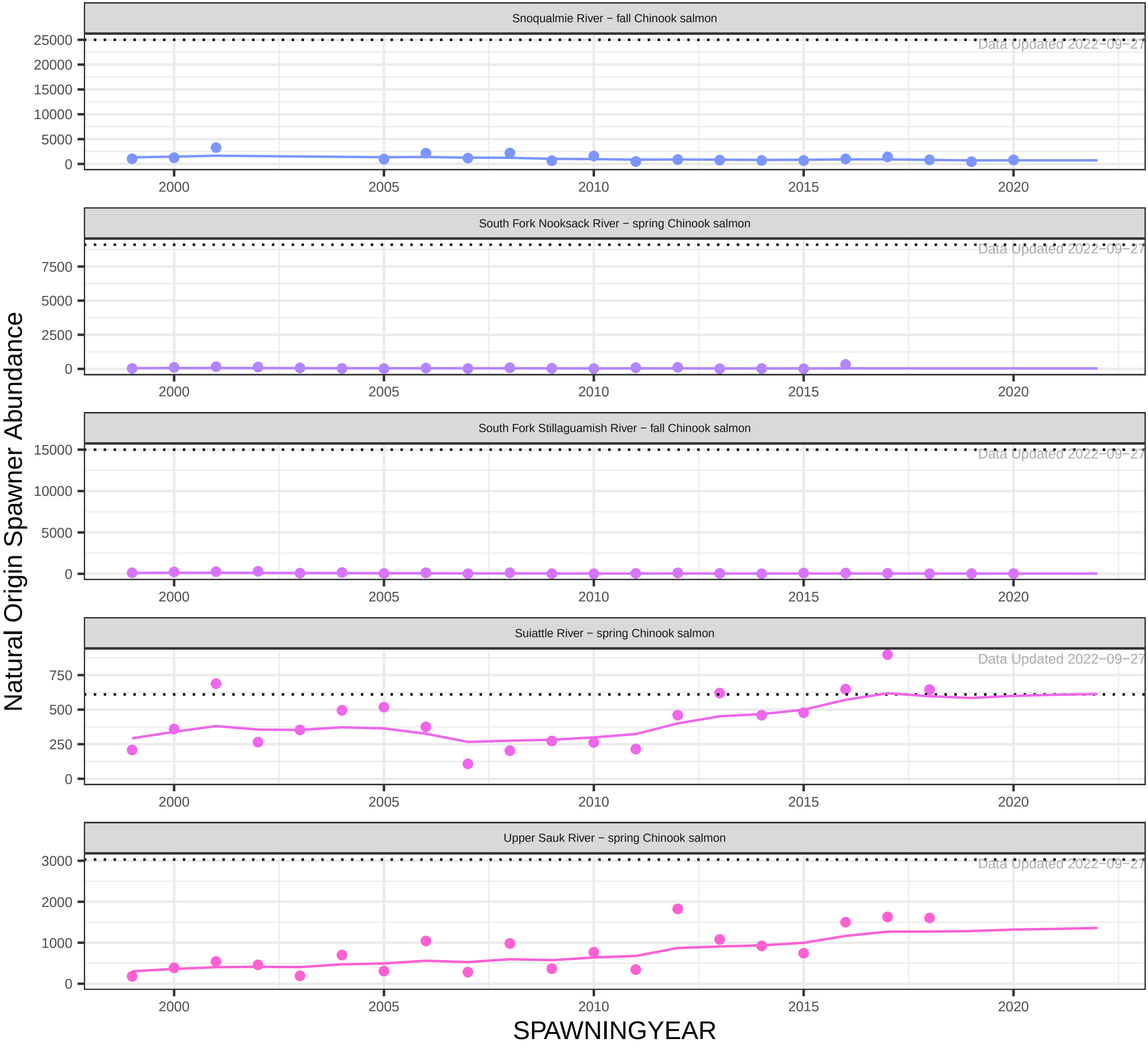
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Puget Sound Chinook ESU

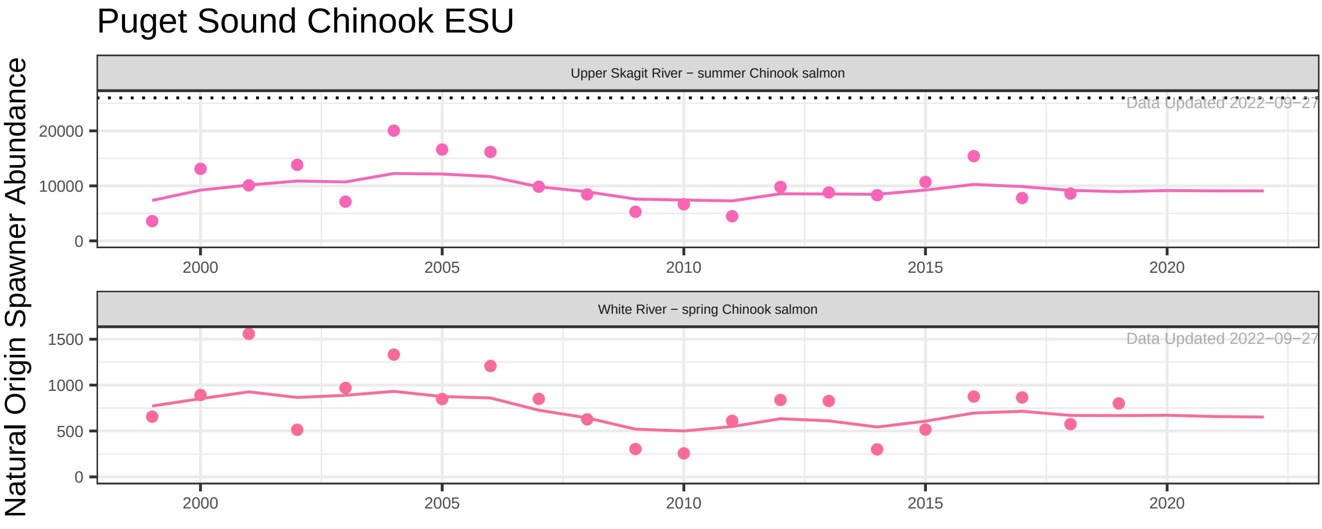


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Puget Sound Chinook ESU

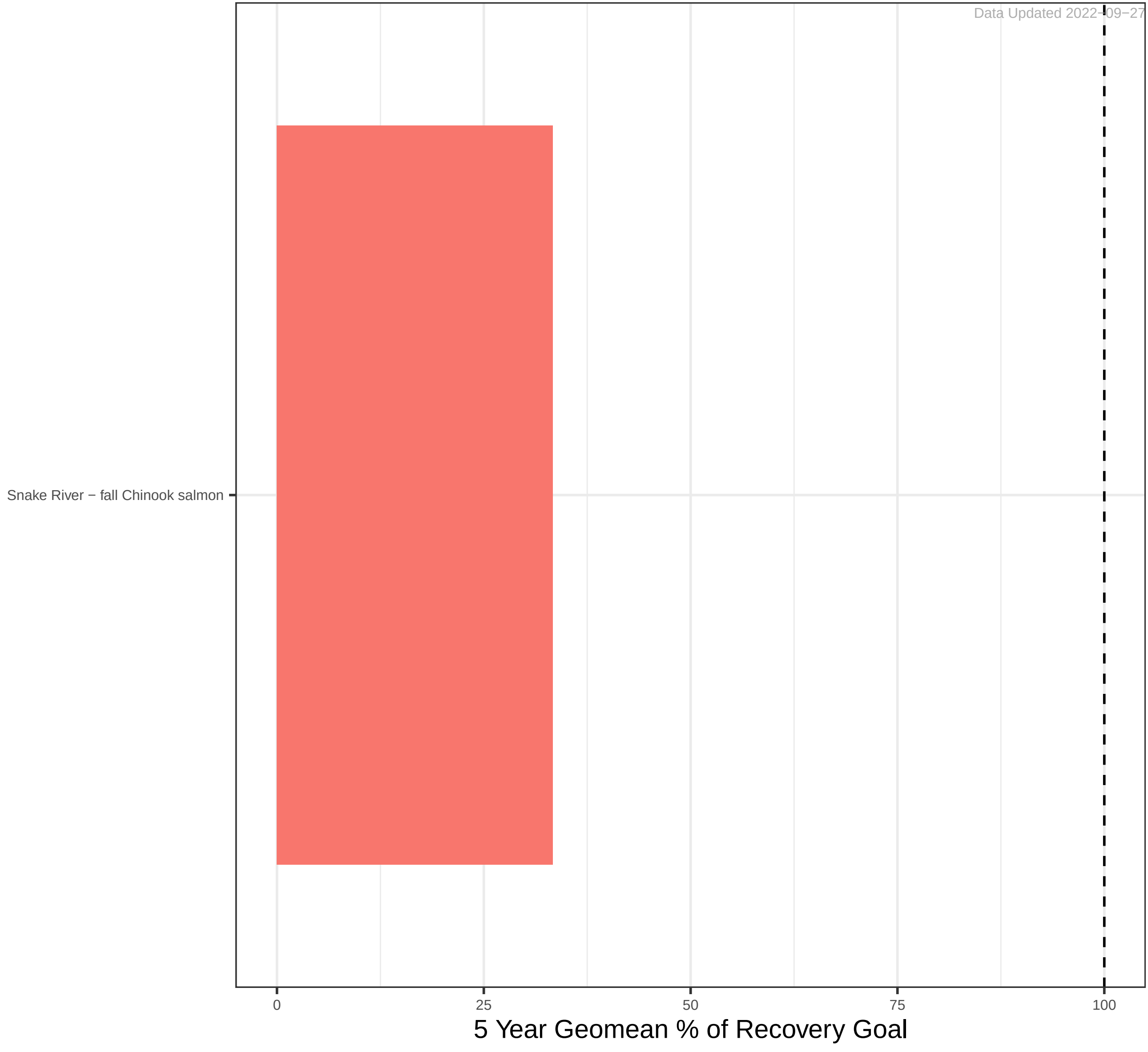


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



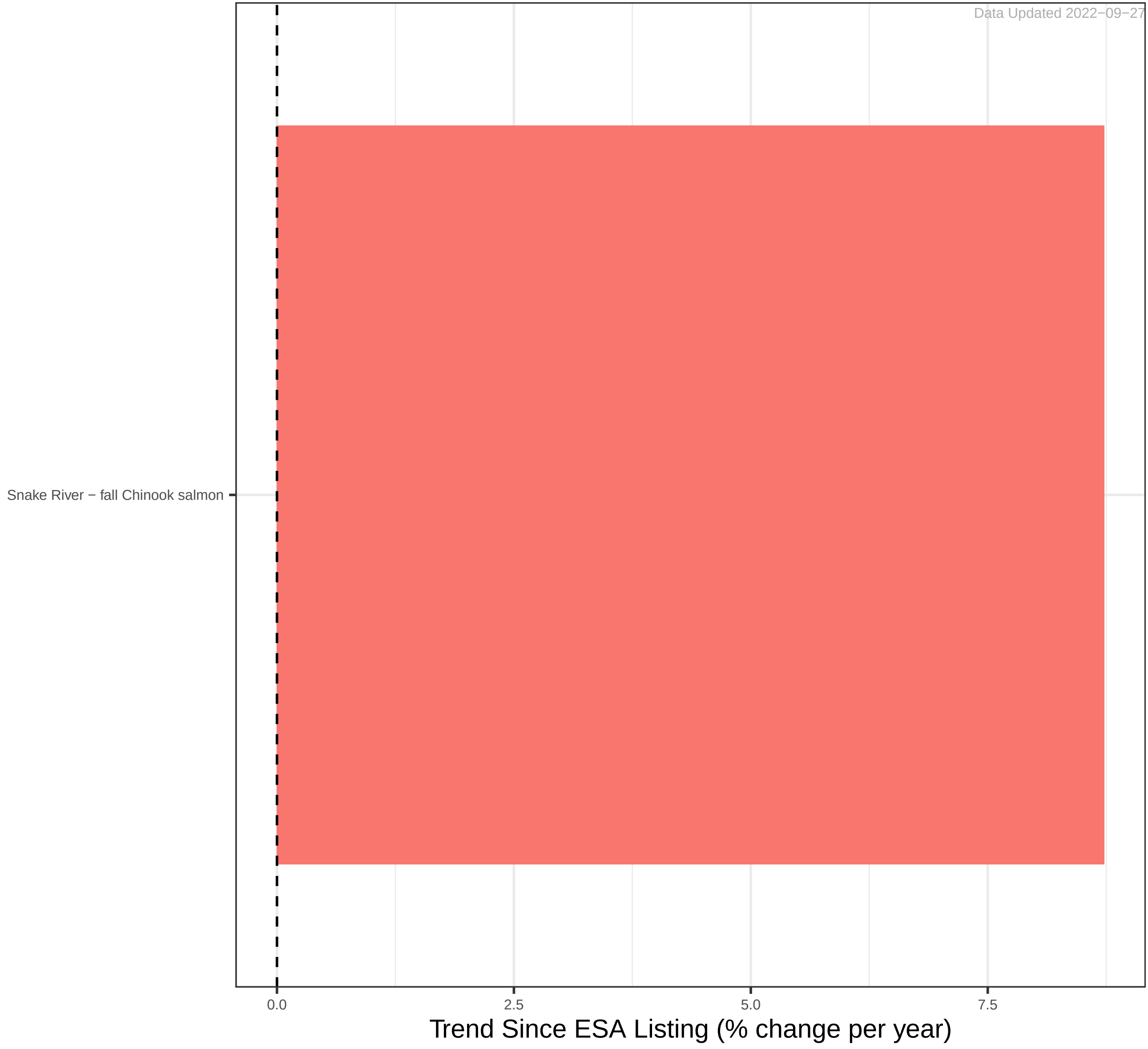
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Snake River Fall Chinook ESU

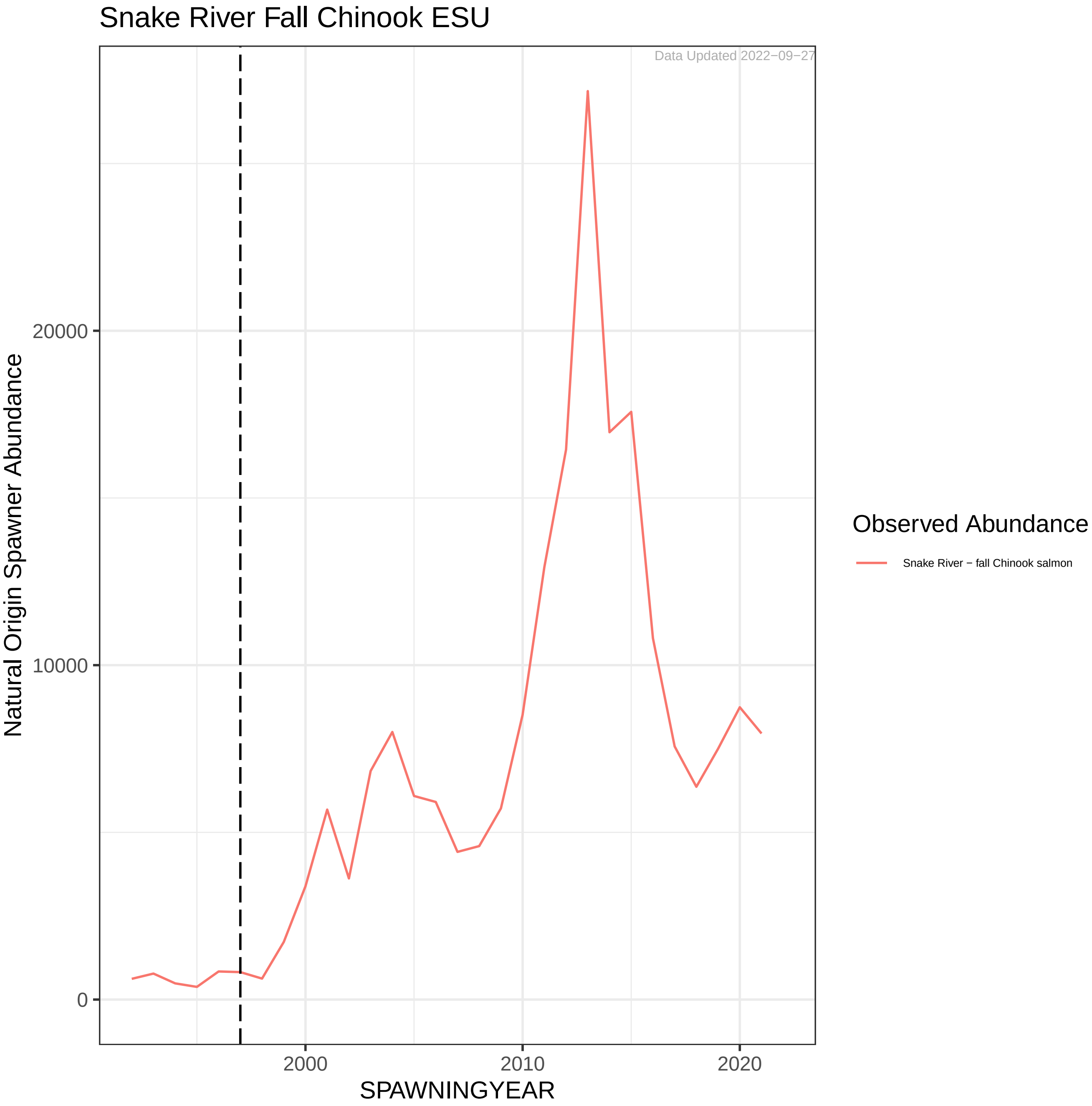


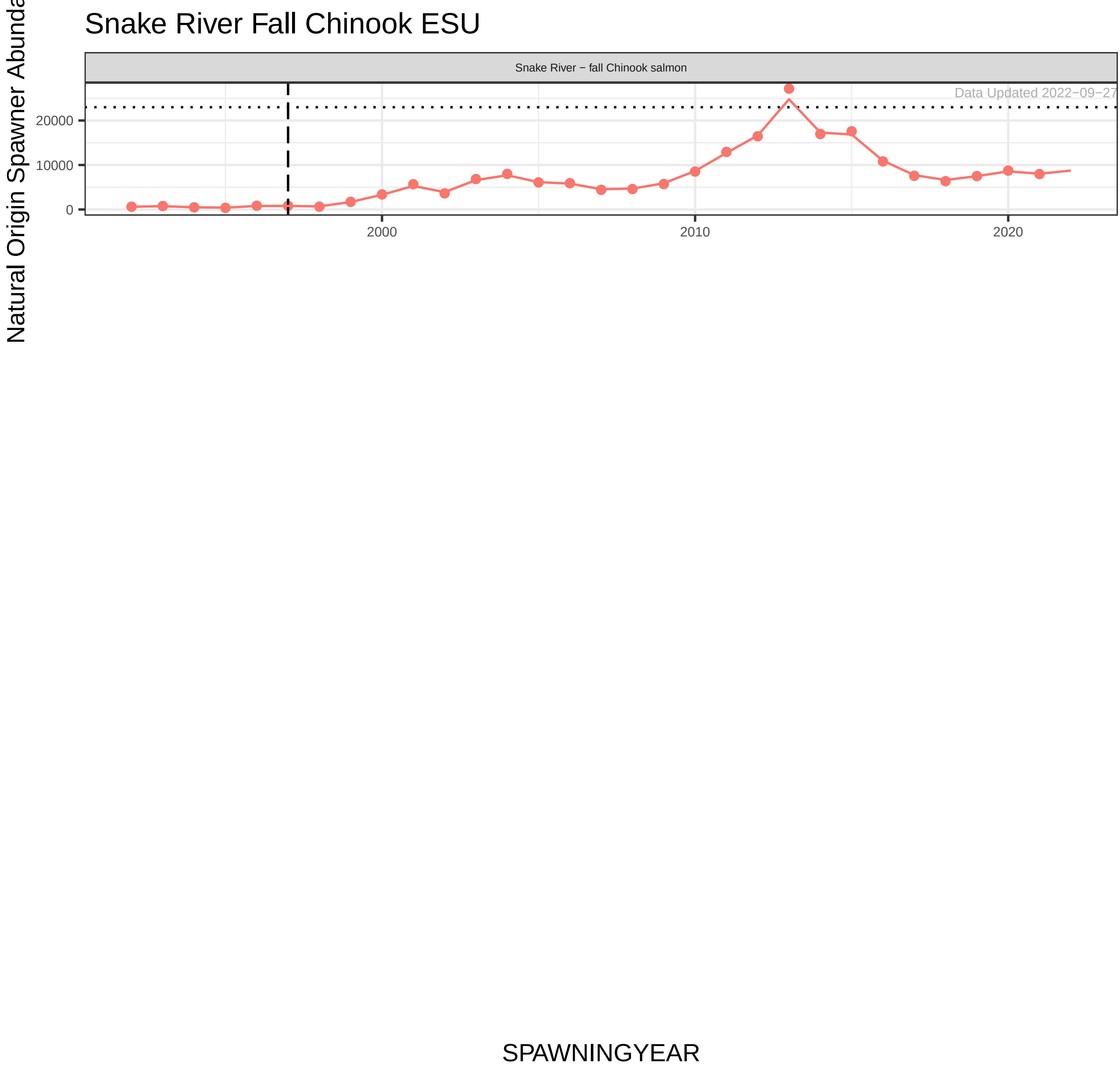
Caption: Five year (2015−2019) geomean smoothed
abundance as a percentage of recovery goals.
Populations with no bars had no usable data.

Snake River Fall Chinook ESU

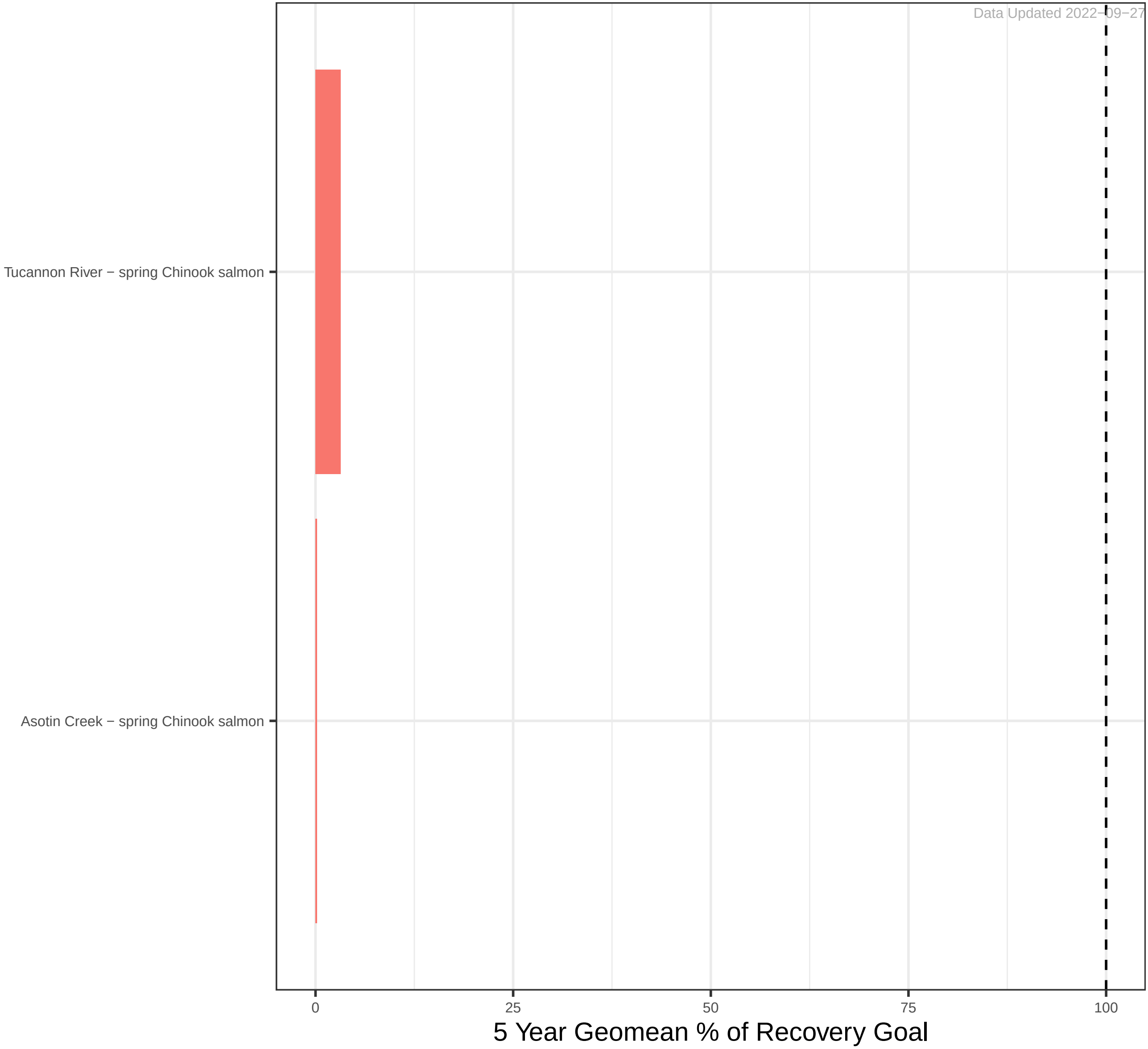


Caption: Trend since ESA−listing (percent change in
abundance per year). Populations with no bars
had no usable data.


Snake River Fall Chinook ESU
Data Updated 2022−09−27
Natural Origin Spawner Abundance
20000
10000
0
2000
2010
2020
SPAWNINGYEAR
Observed Abundance
Snake River − fall Chinook salmon

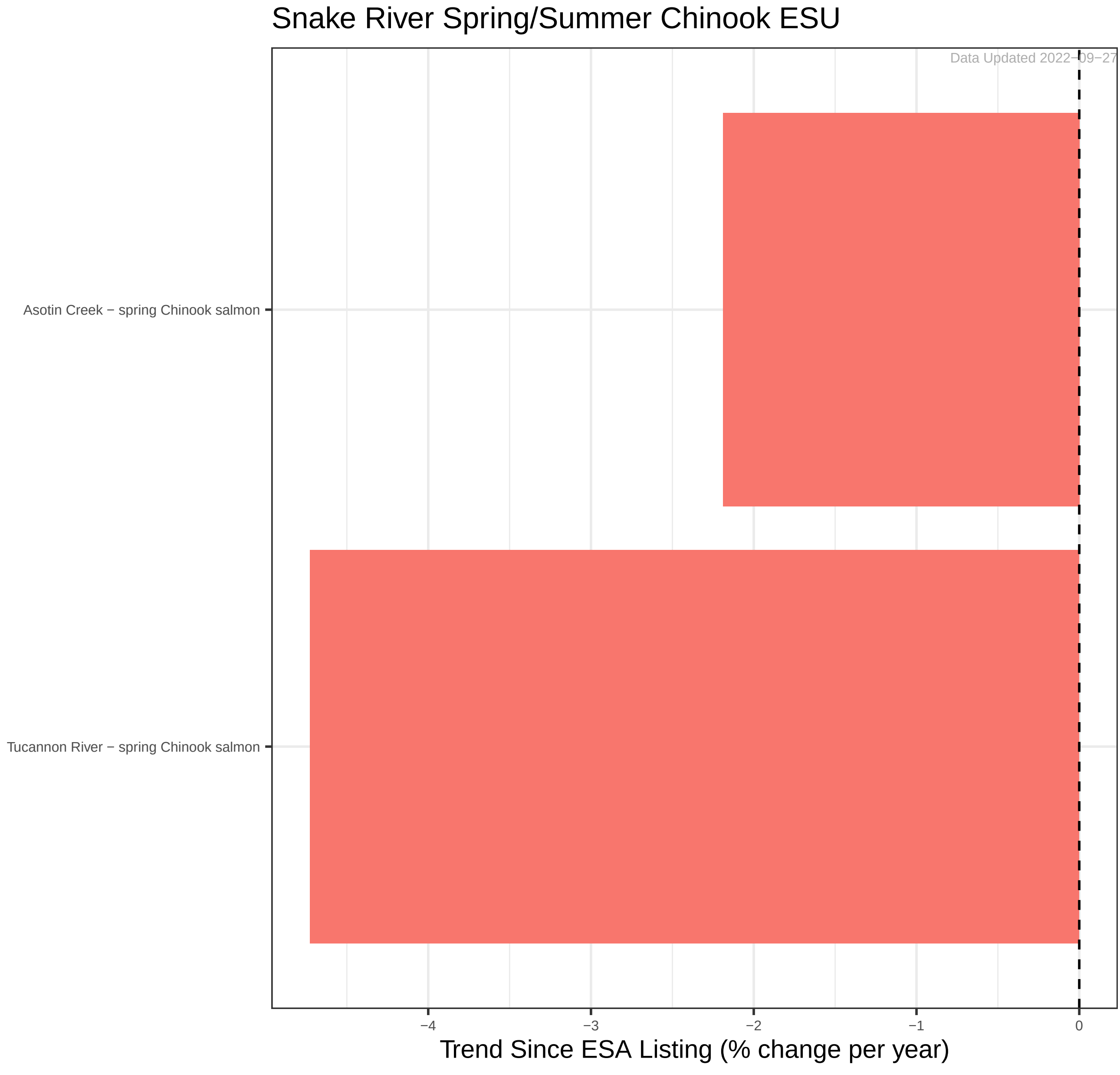


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



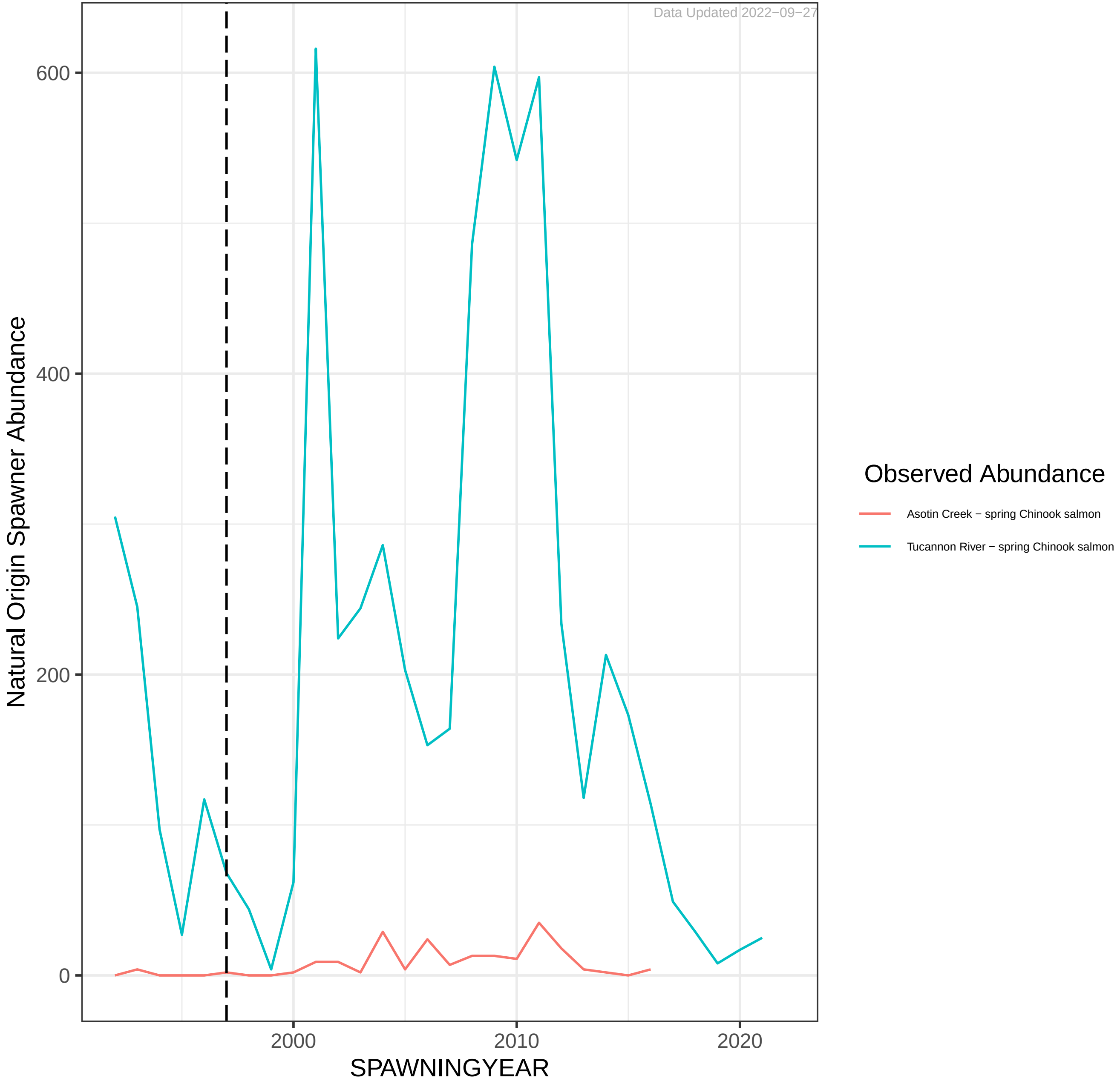
Snake River Spring/Summer Chinook ESU

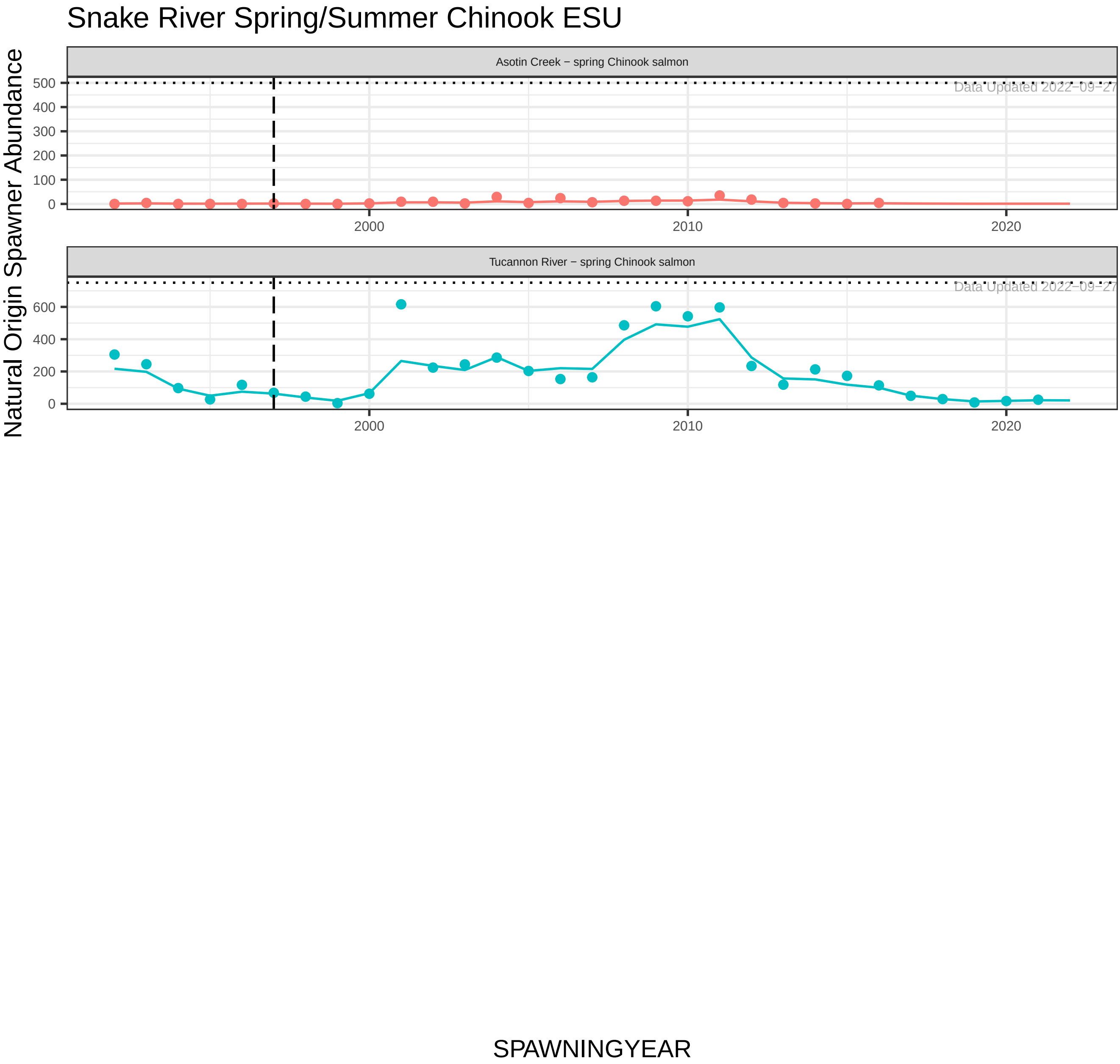
Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.



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

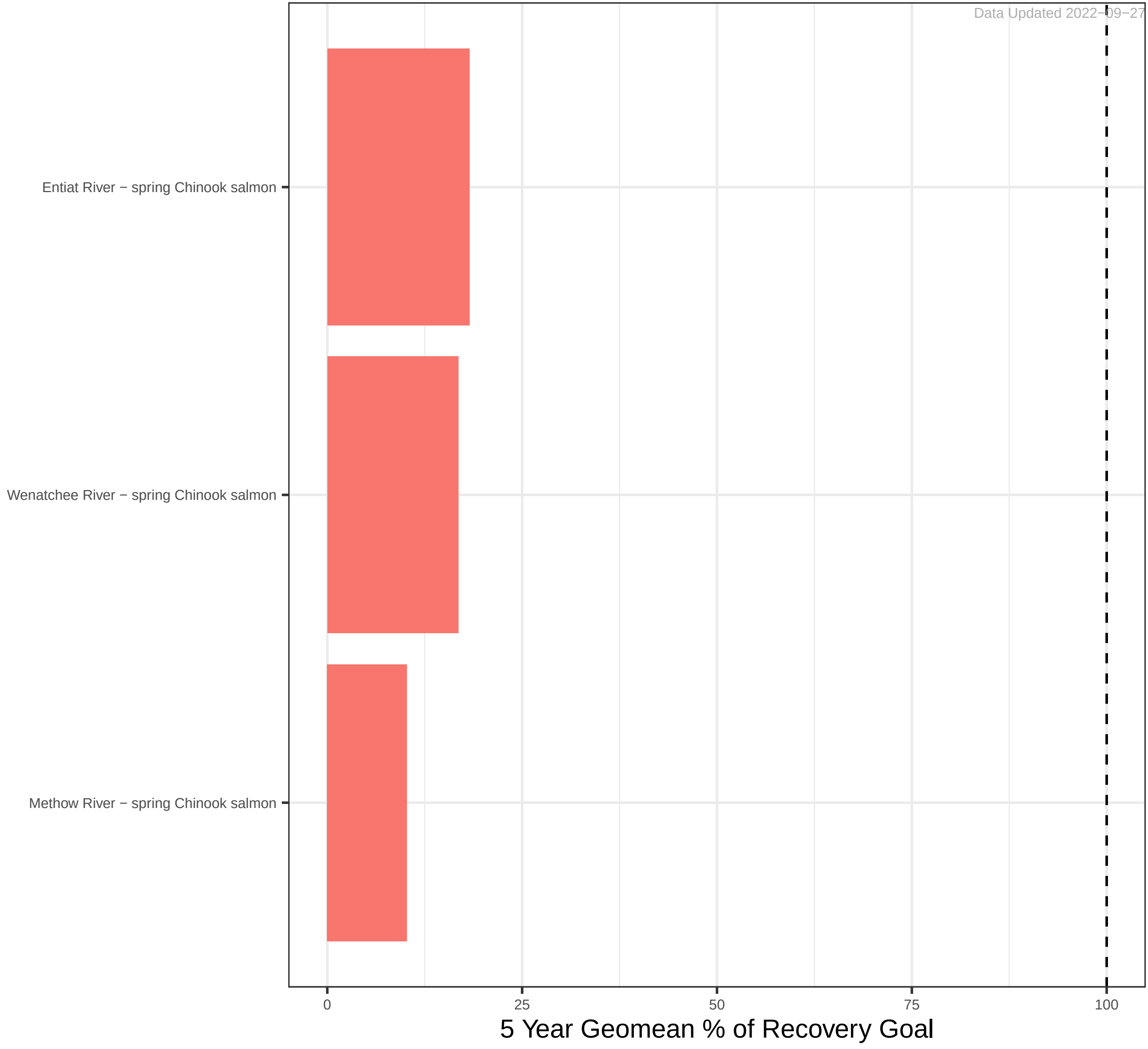
Snake River Spring/Summer Chinook ESU





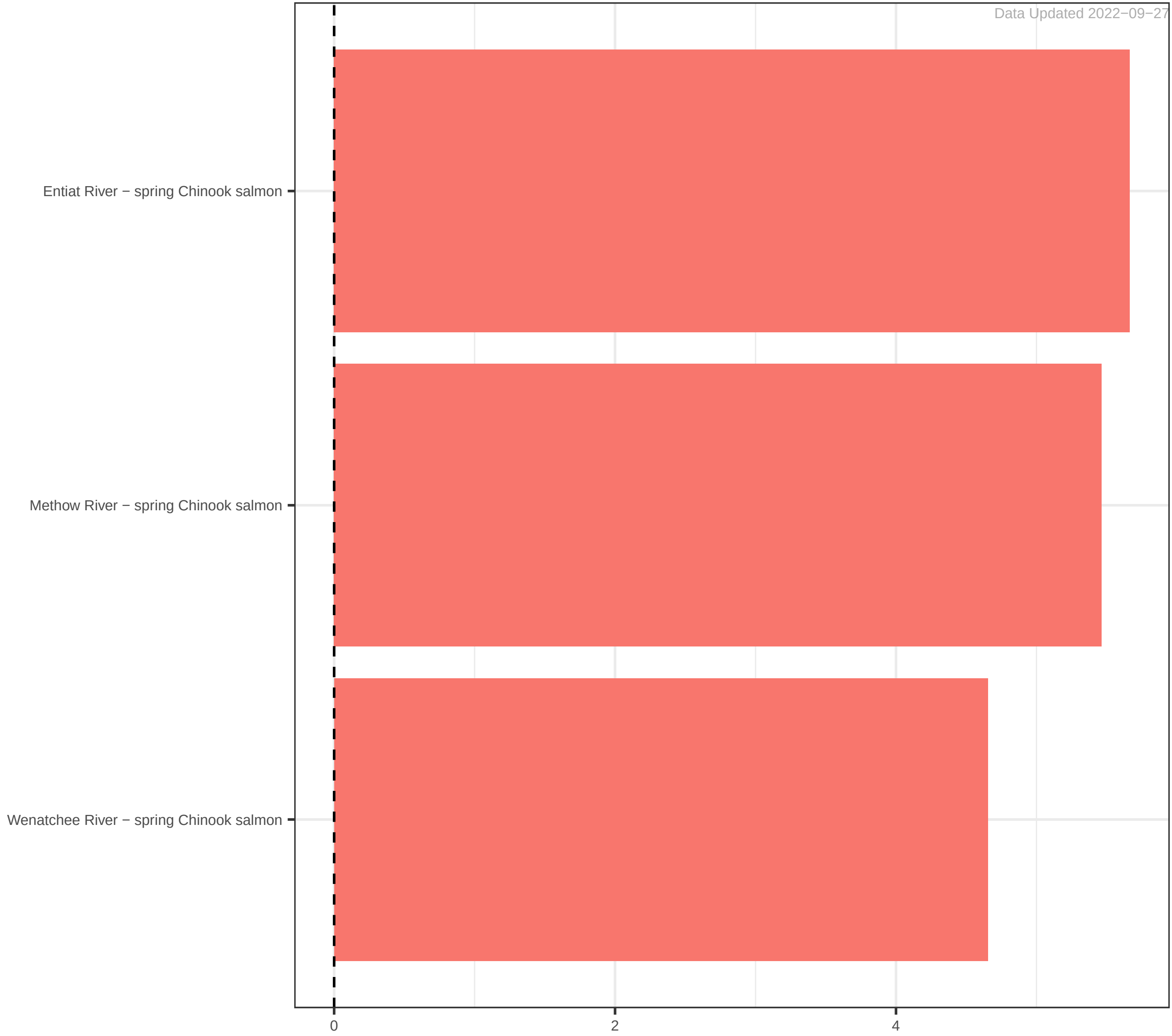
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Upper Columbia River Spring Chinook ESU

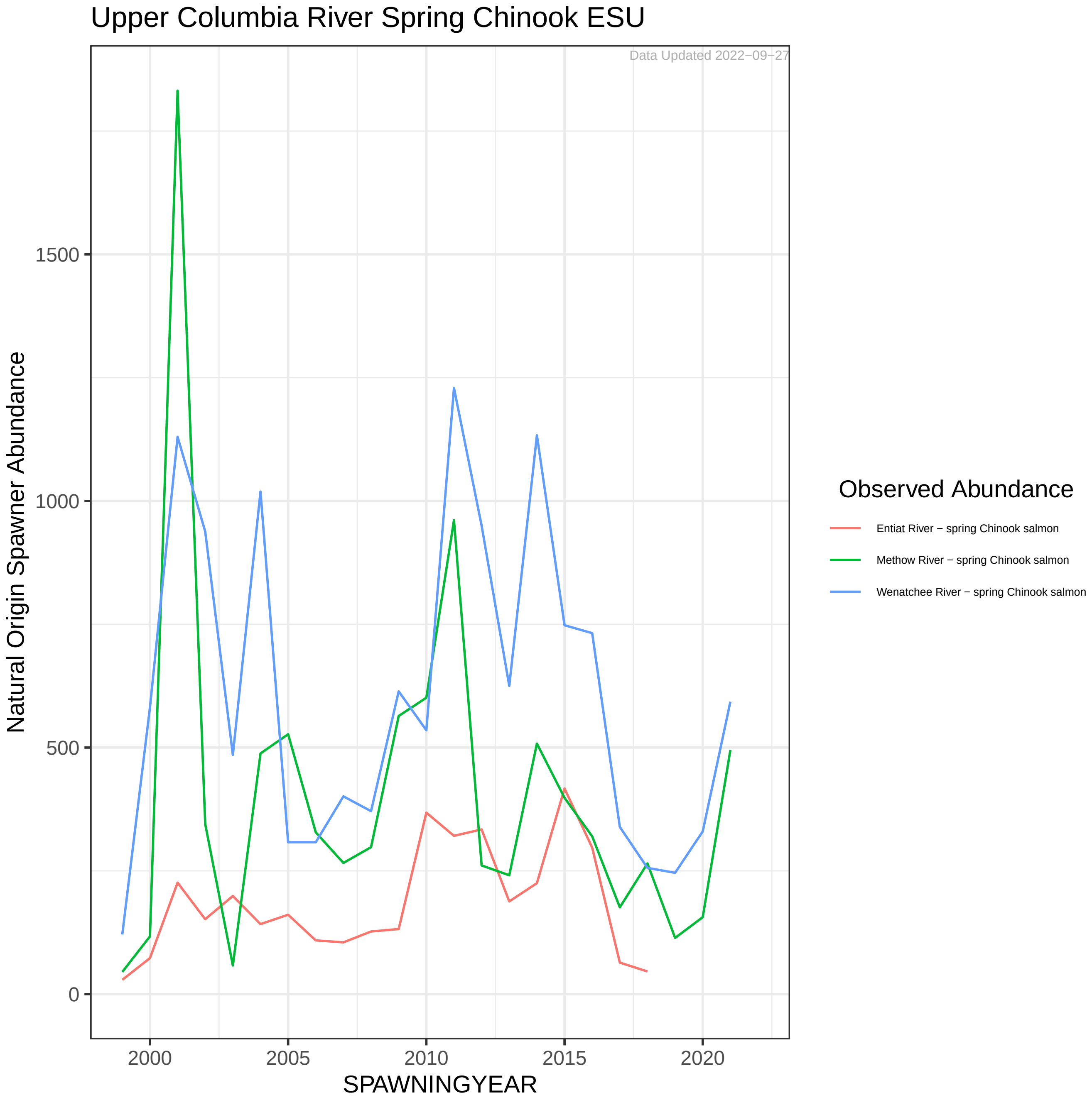


Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

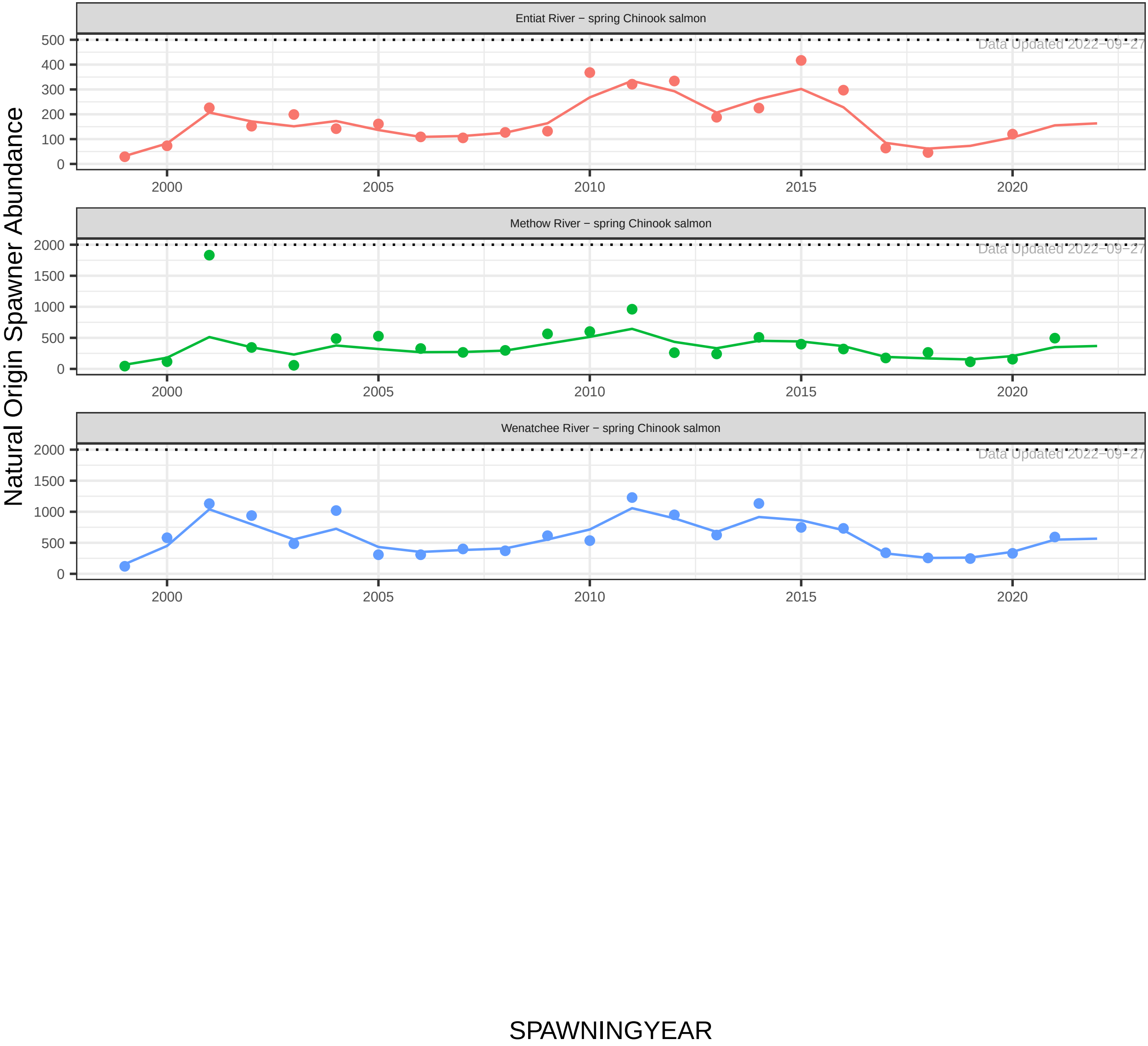
Upper Columbia River Spring Chinook ESU



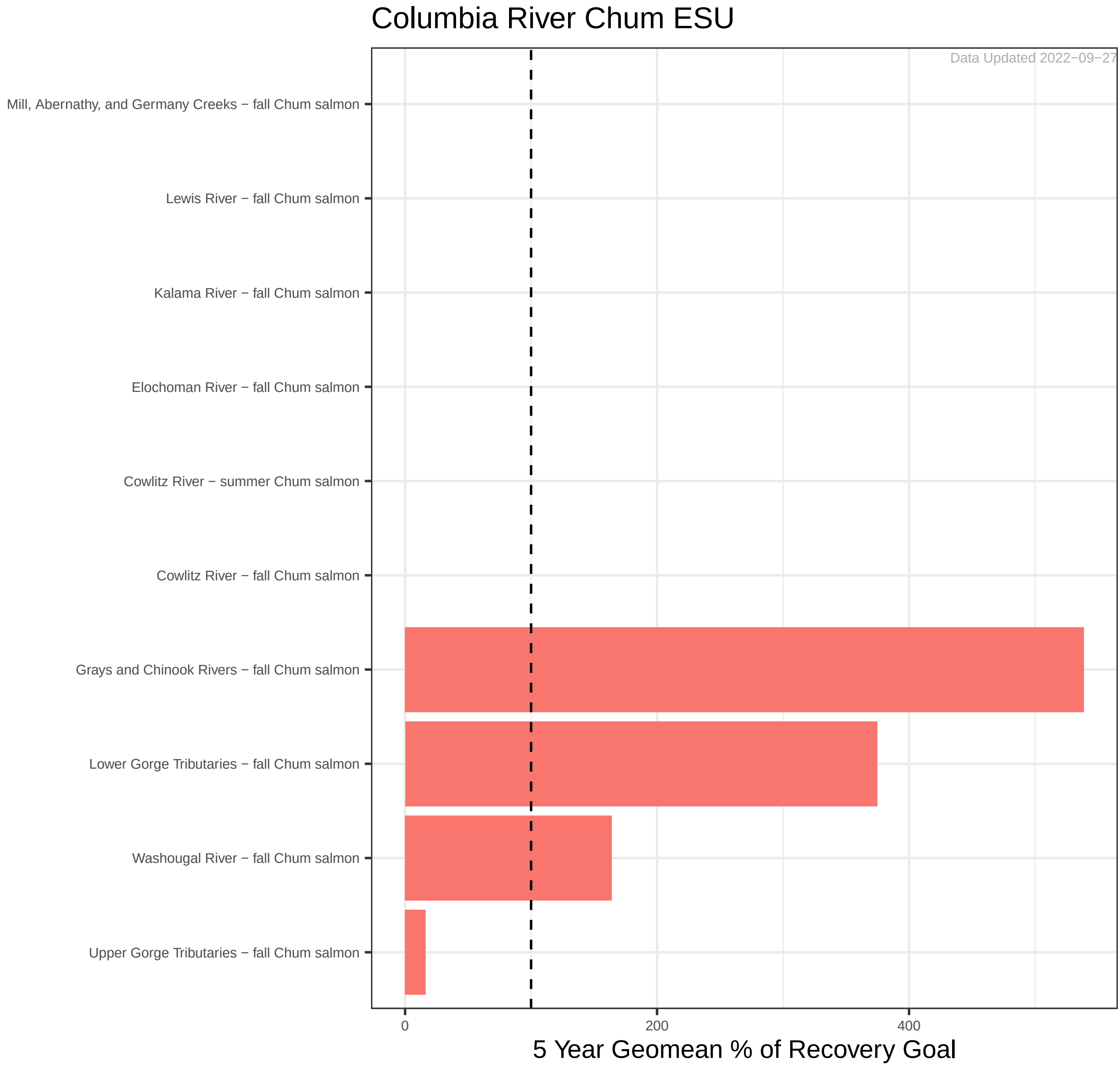
Caption: Trend since ESA−listing (percent change in
abundance per year). Populations with no bars
had no usable data.


Upper Columbia River Spring Chinook ESU
Data Updated 2022−09−27
Natural Origin Spawner Abundance
0
500
1000
1500
2000
2005
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
Entiat River − spring Chinook salmon
Methow River − spring Chinook salmon
Wenatchee River − spring Chinook salmon

Upper Columbia River Spring Chinook ESU

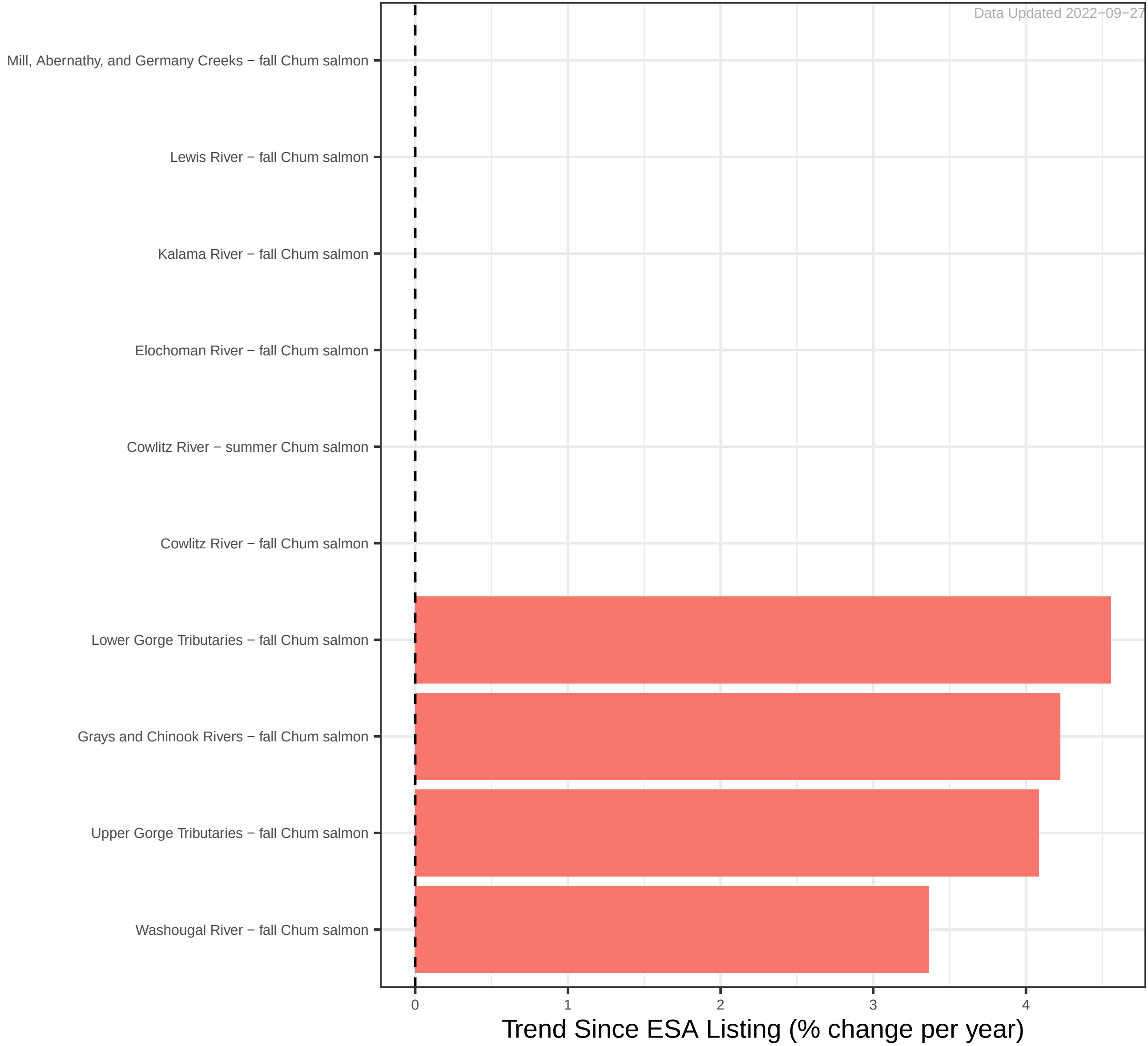


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



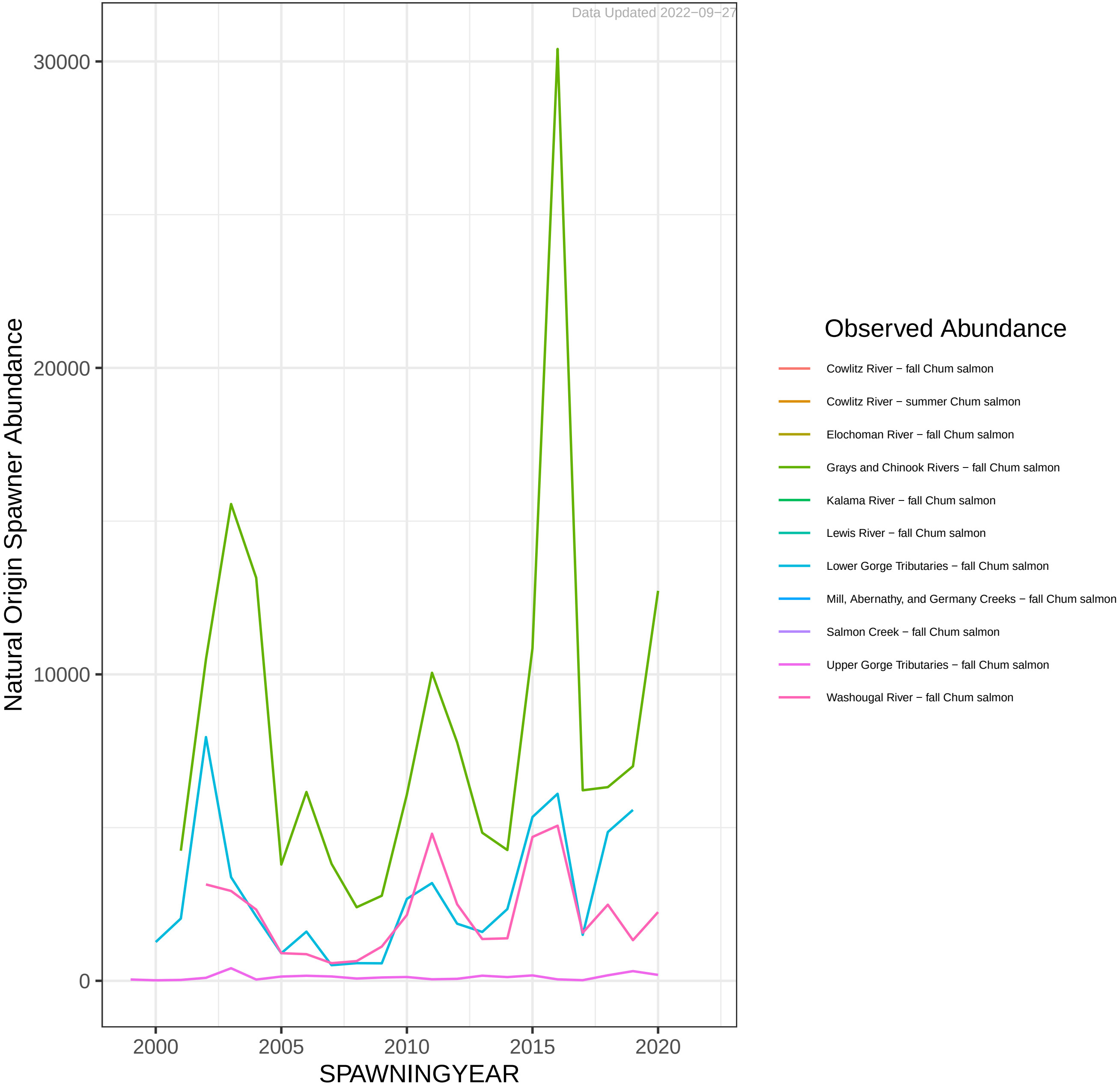
Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

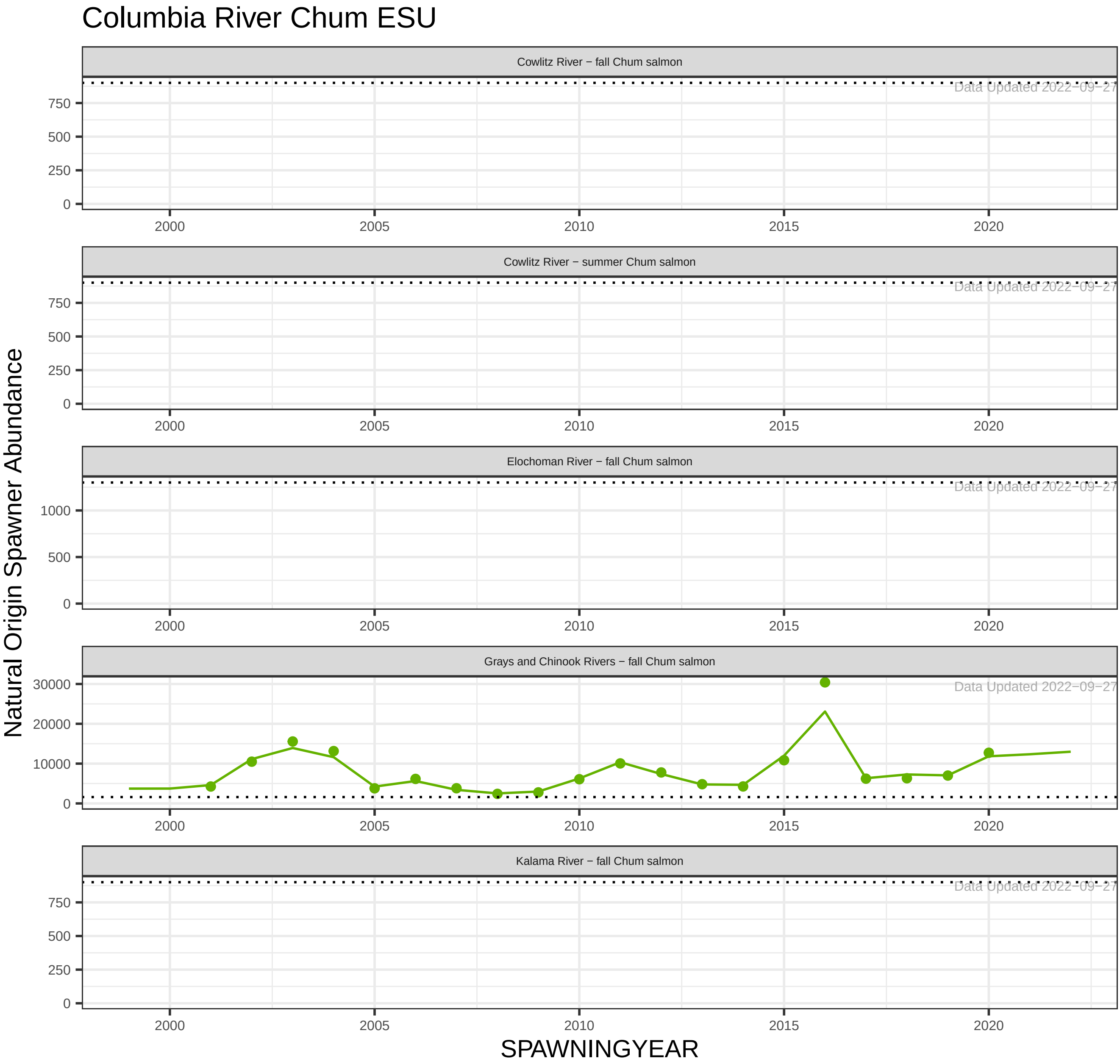
Columbia River Chum ESU



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

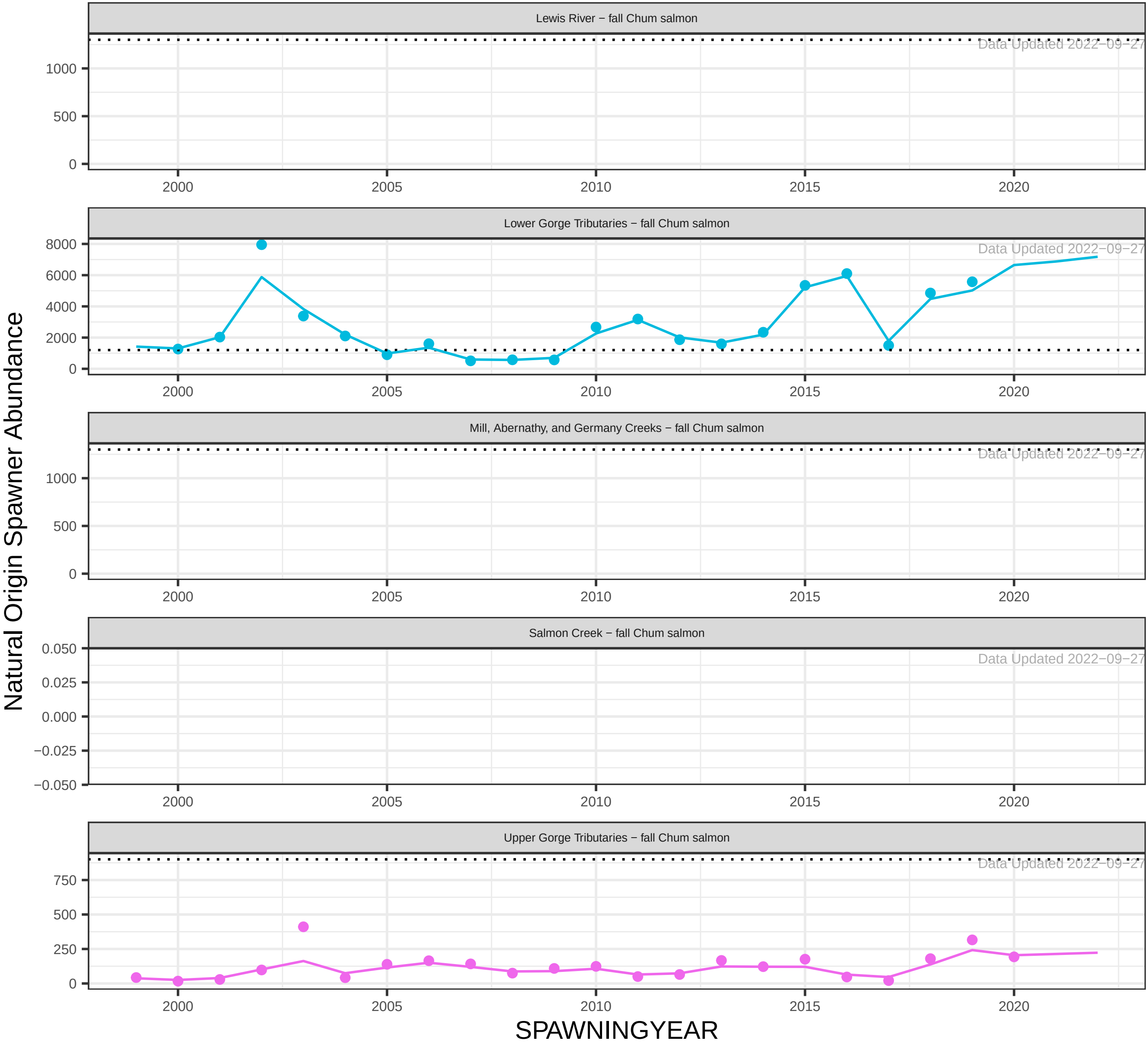
Columbia River Chum ESU



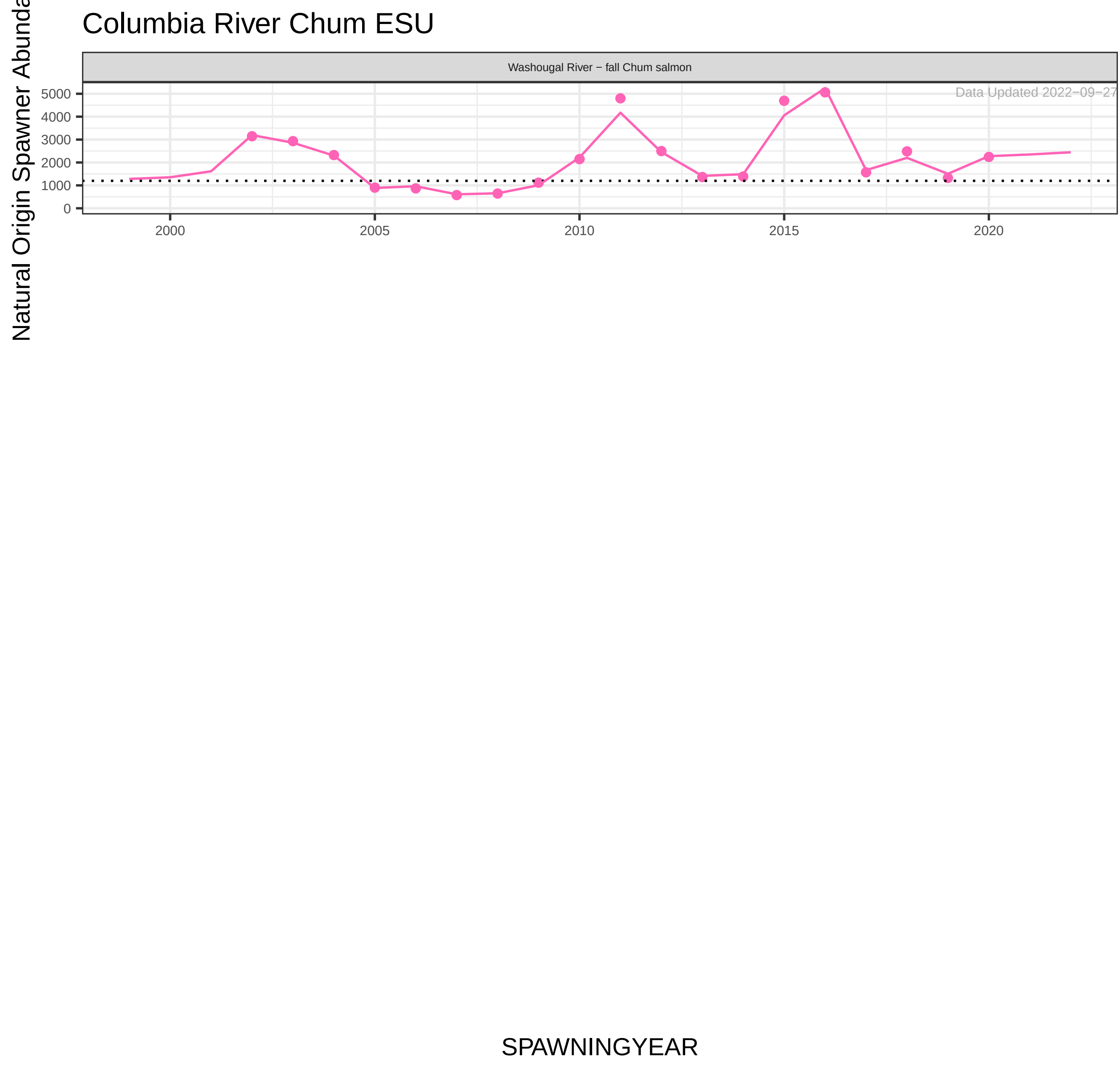


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Columbia River Chum ESU

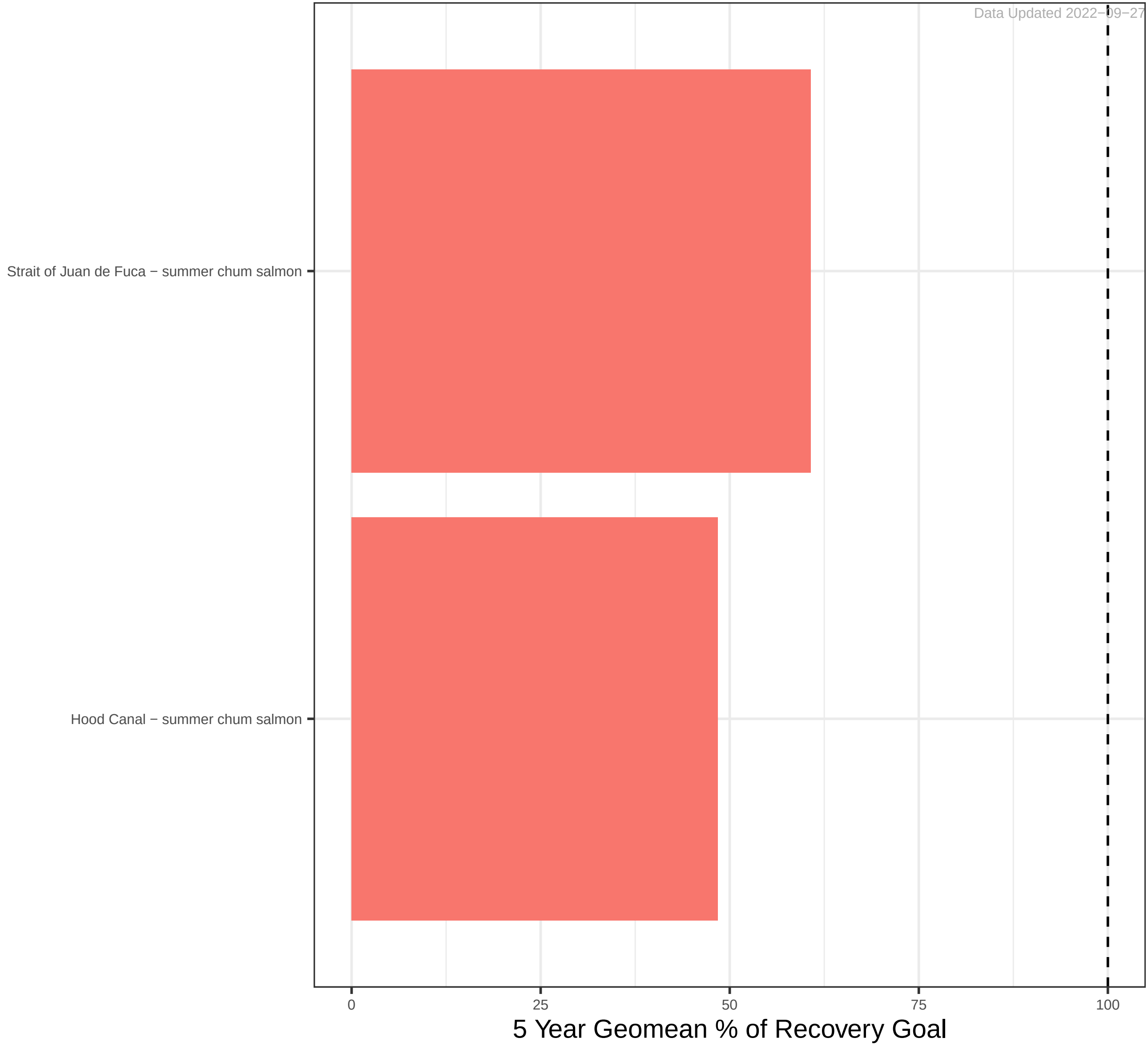


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



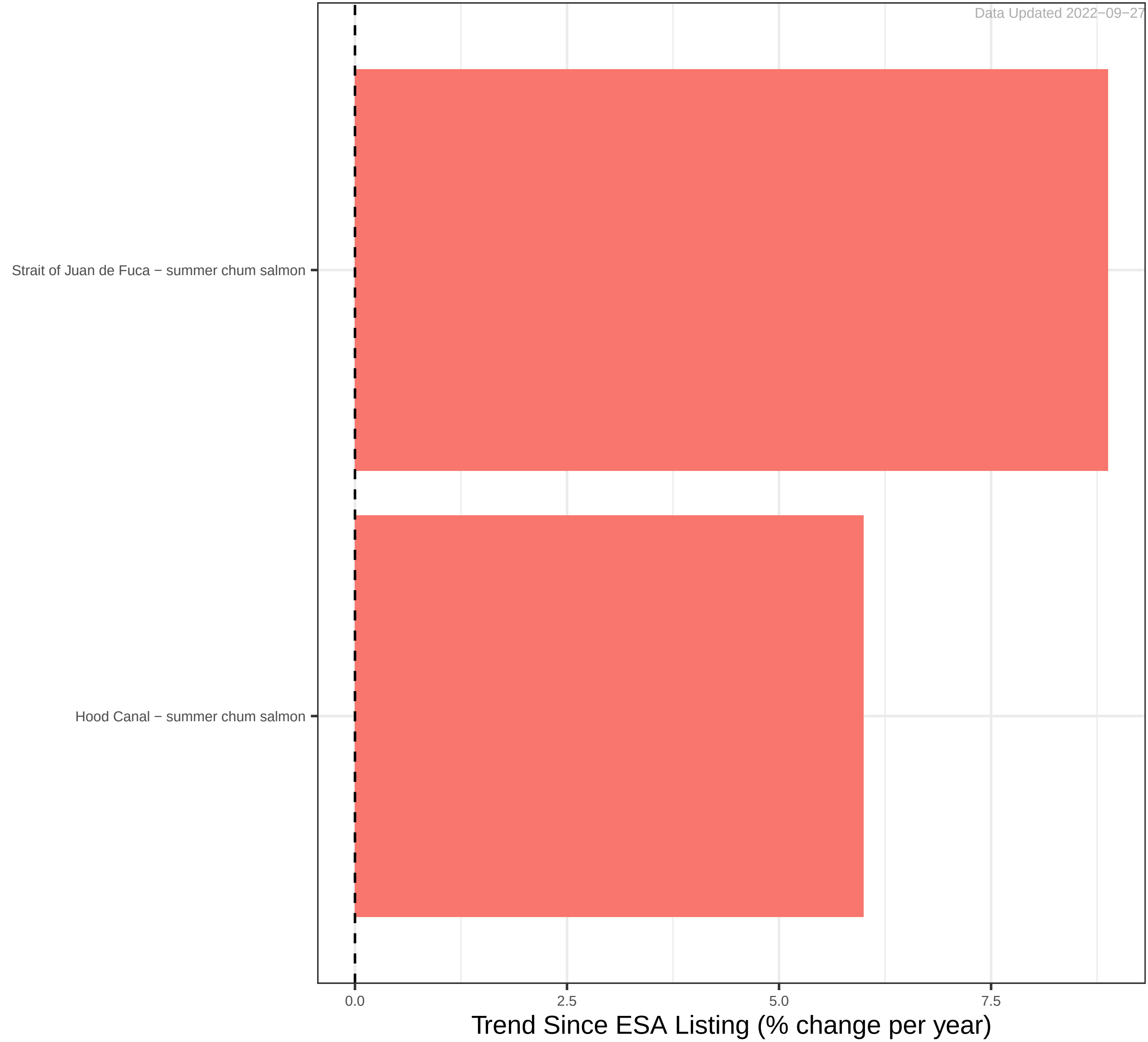
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Hood Canal Summer Chum ESU

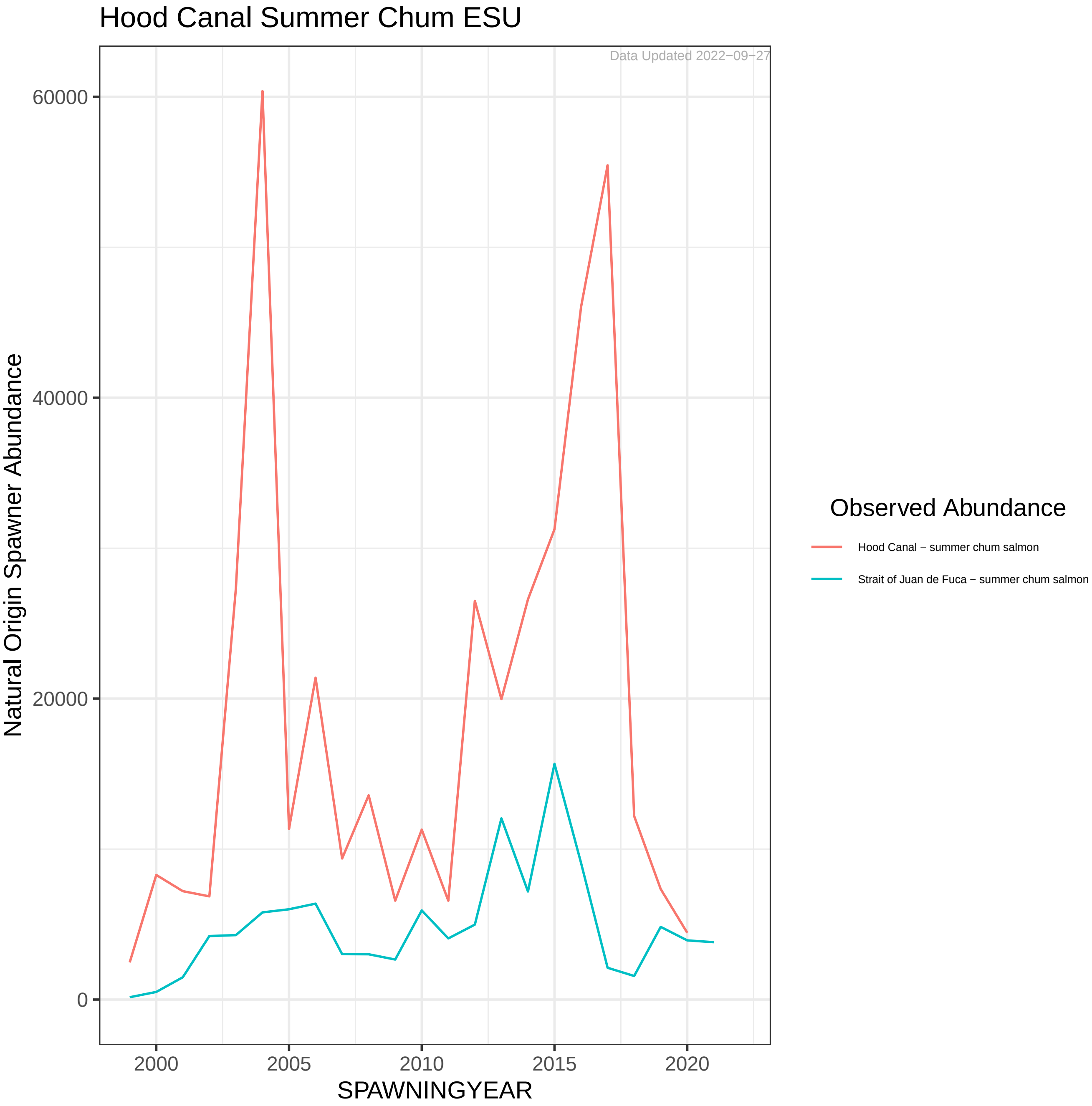


Caption: Five year (2015−2019) geomean smoothed
abundance as a percentage of recovery goals.
Populations with no bars had no usable data.

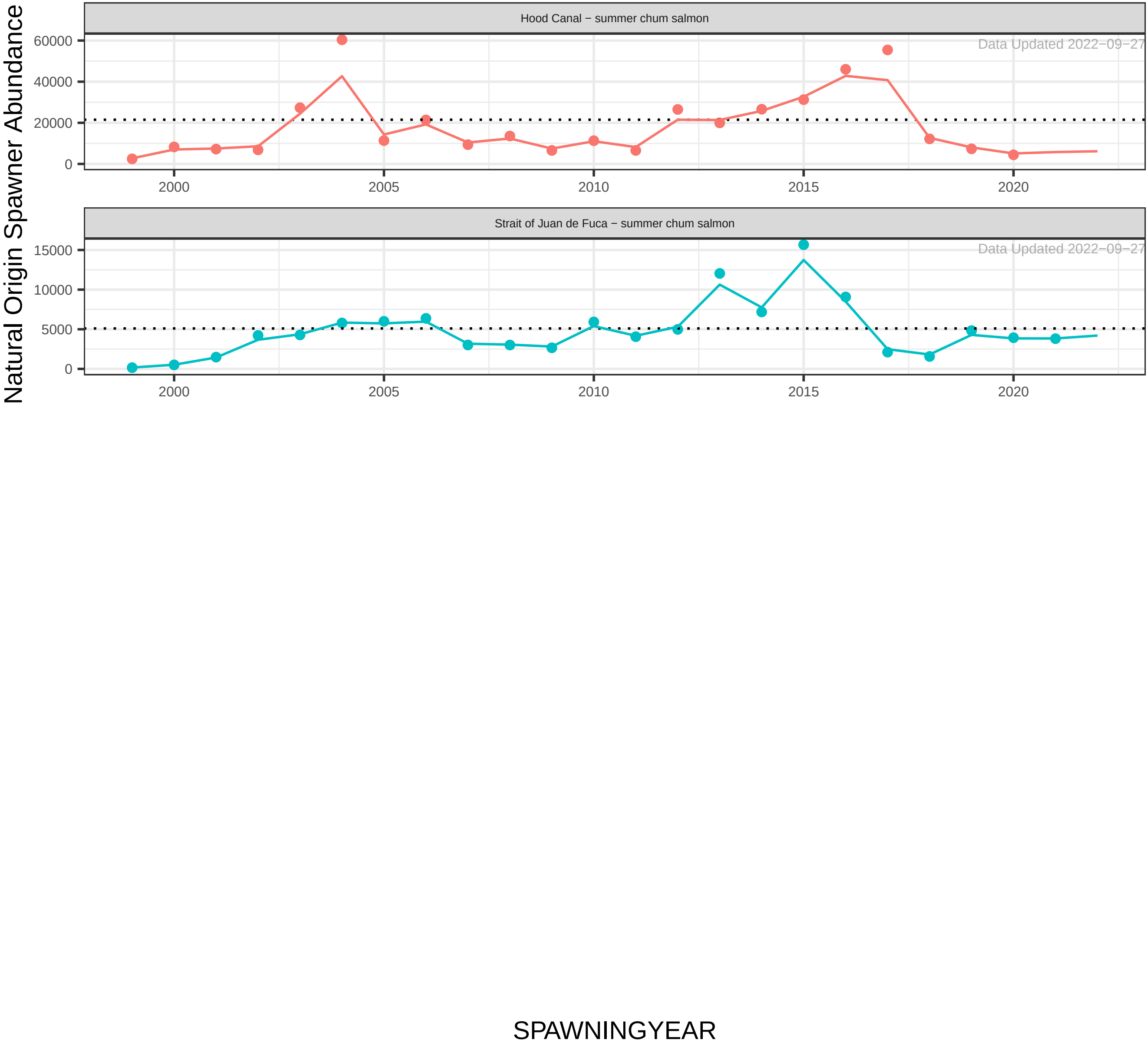
Hood Canal Summer Chum ESU



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

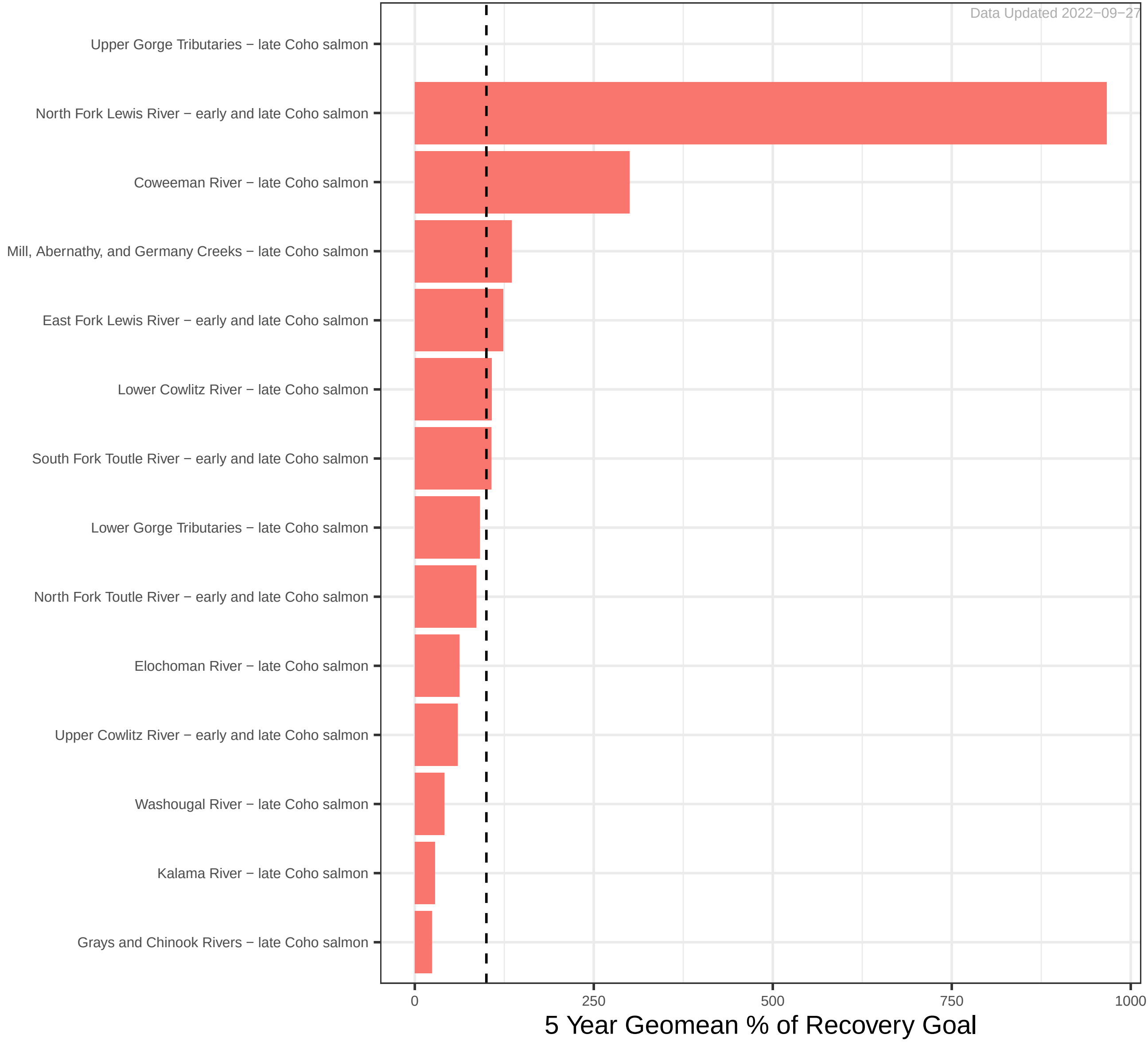

Hood Canal Summer Chum ESU
Data Updated 2022−09−27
Natural Origin Spawner Abundance
60000
40000
20000
0
2000
2005
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
Hood Canal − summer chum salmon
Strait of Juan de Fuca − summer chum salmon

Hood Canal Summer Chum ESU

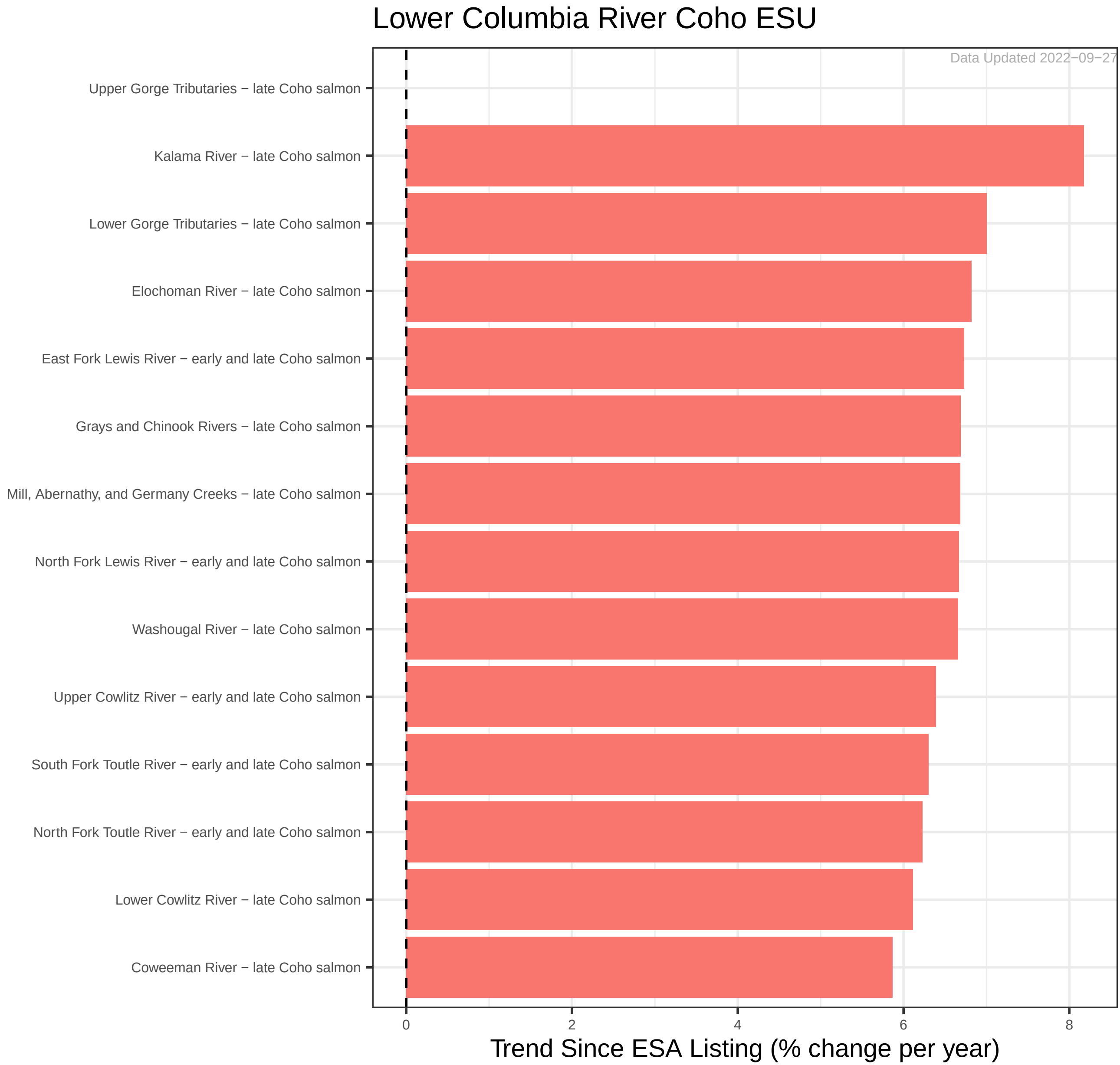


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Coho ESU

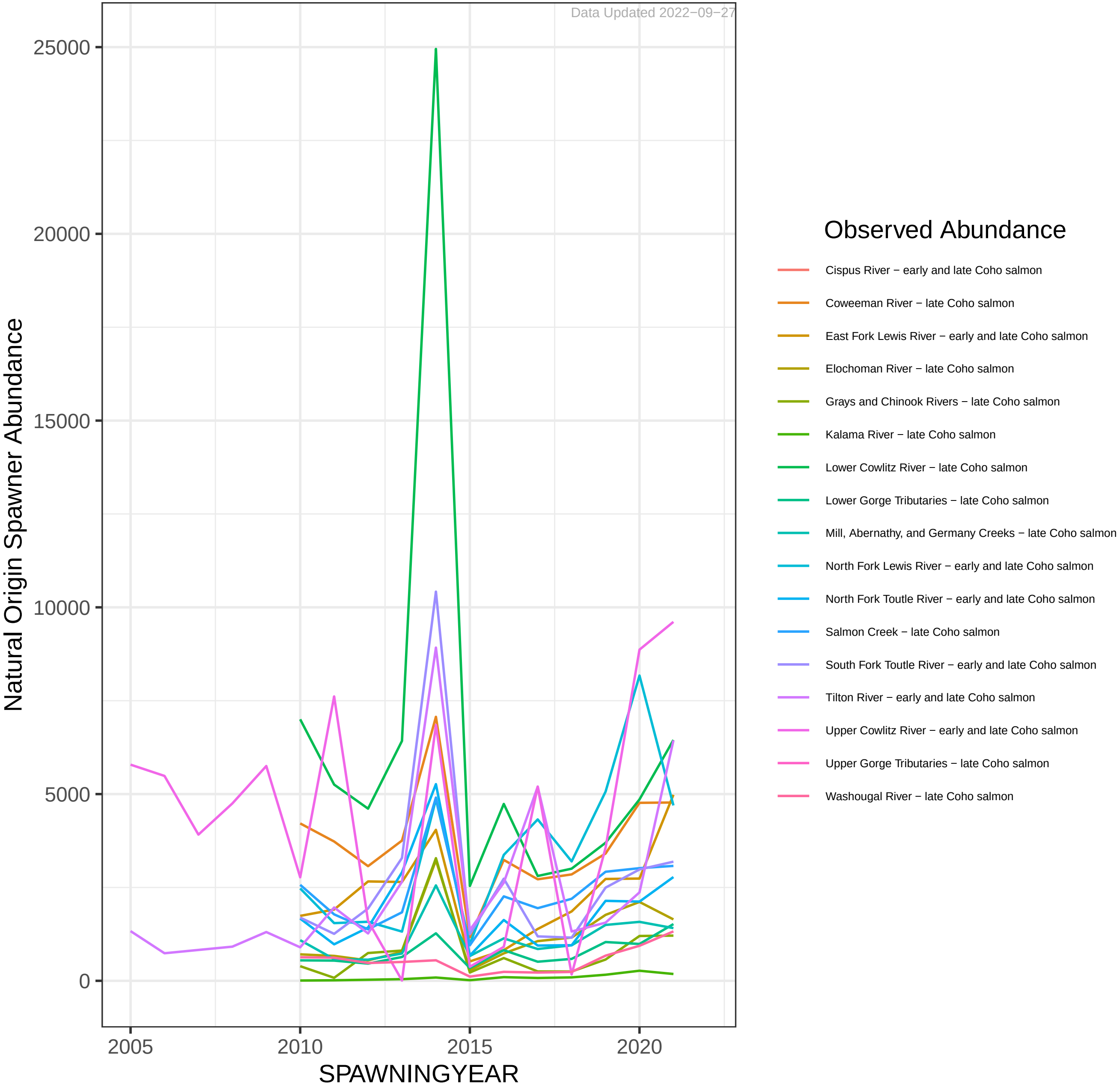


Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

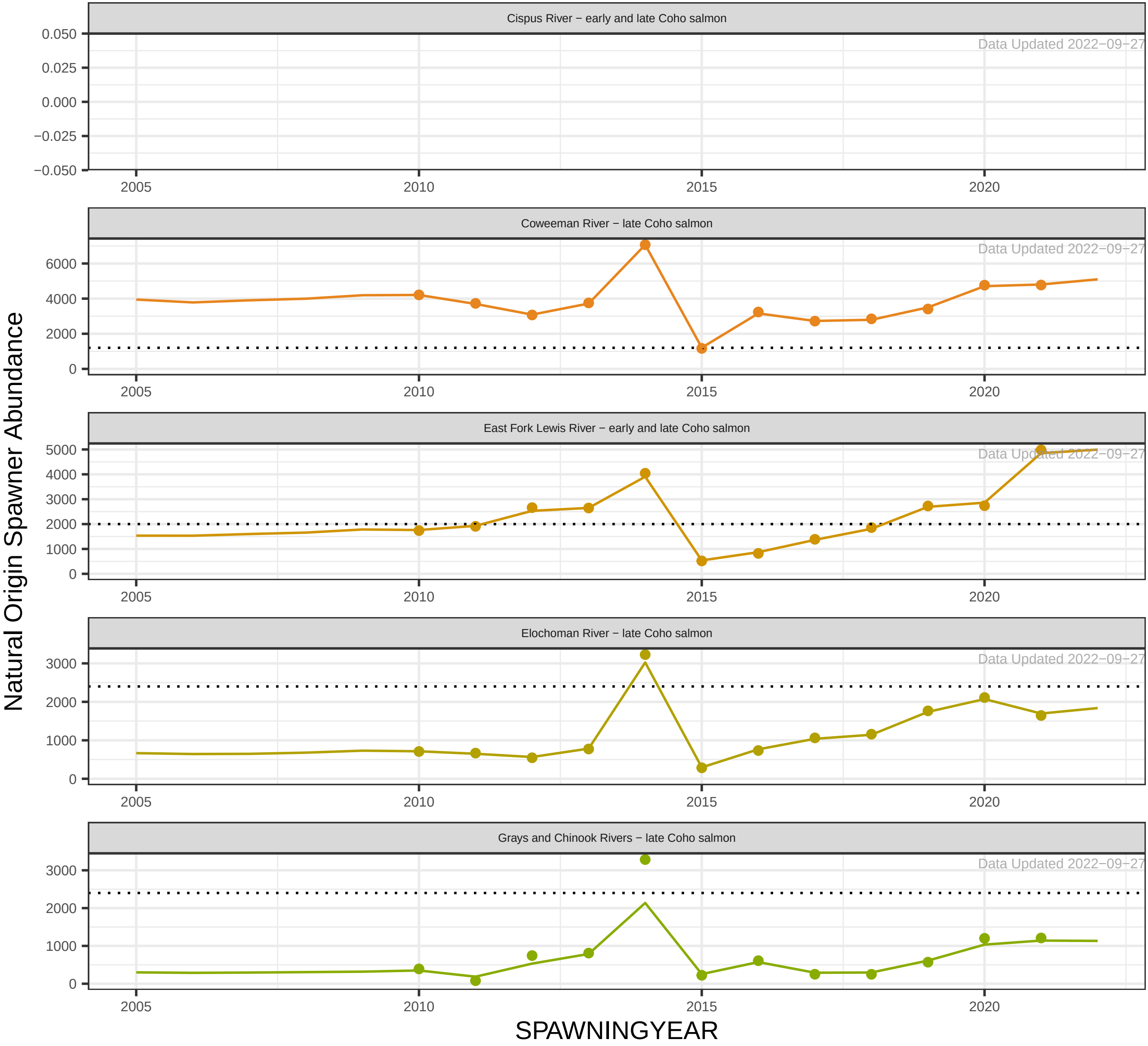


Caption: Trend since ESA−listing (percent change in abundance per year). Populations with no bars had no usable data.

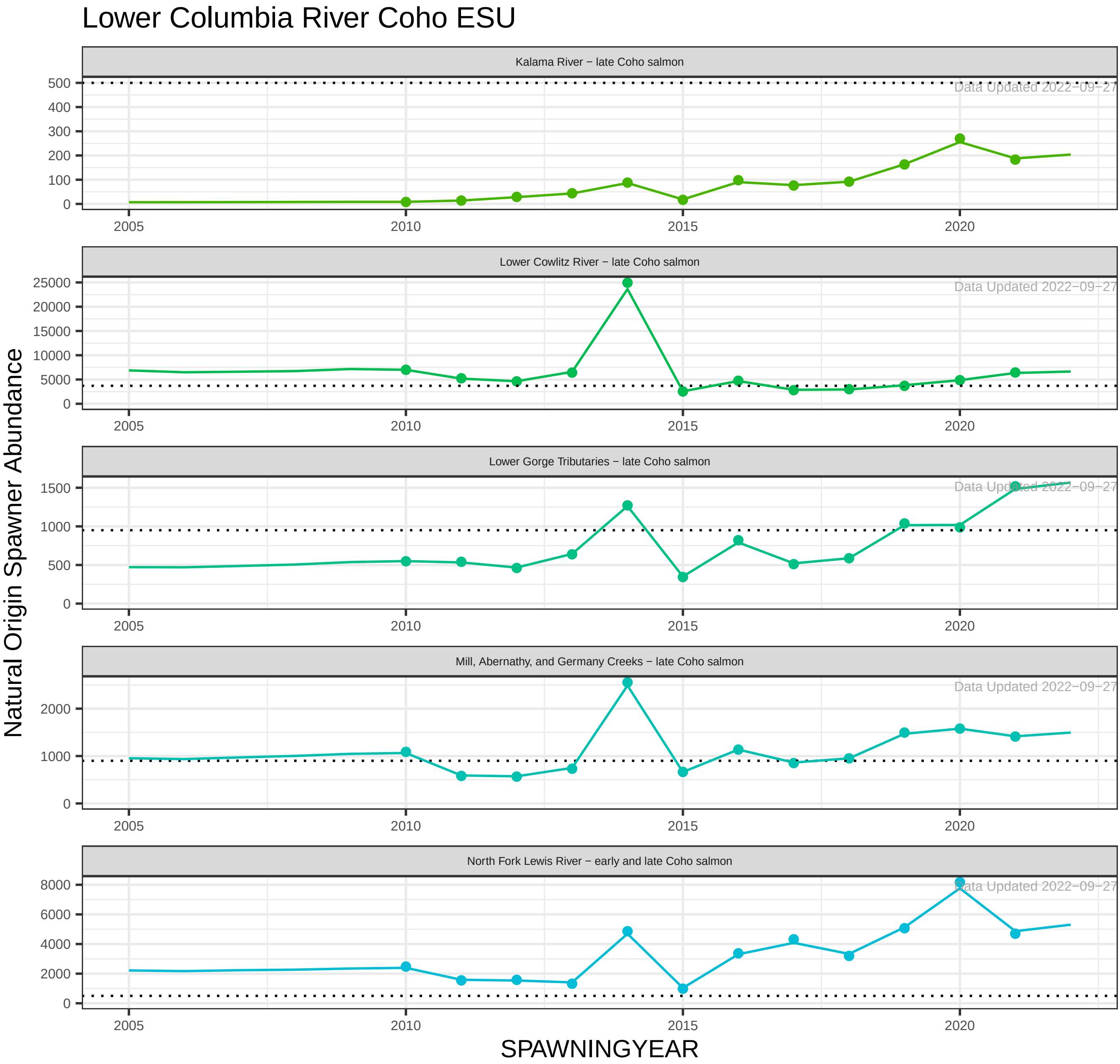
Lower Columbia River Coho ESU



Lower Columbia River Coho ESU

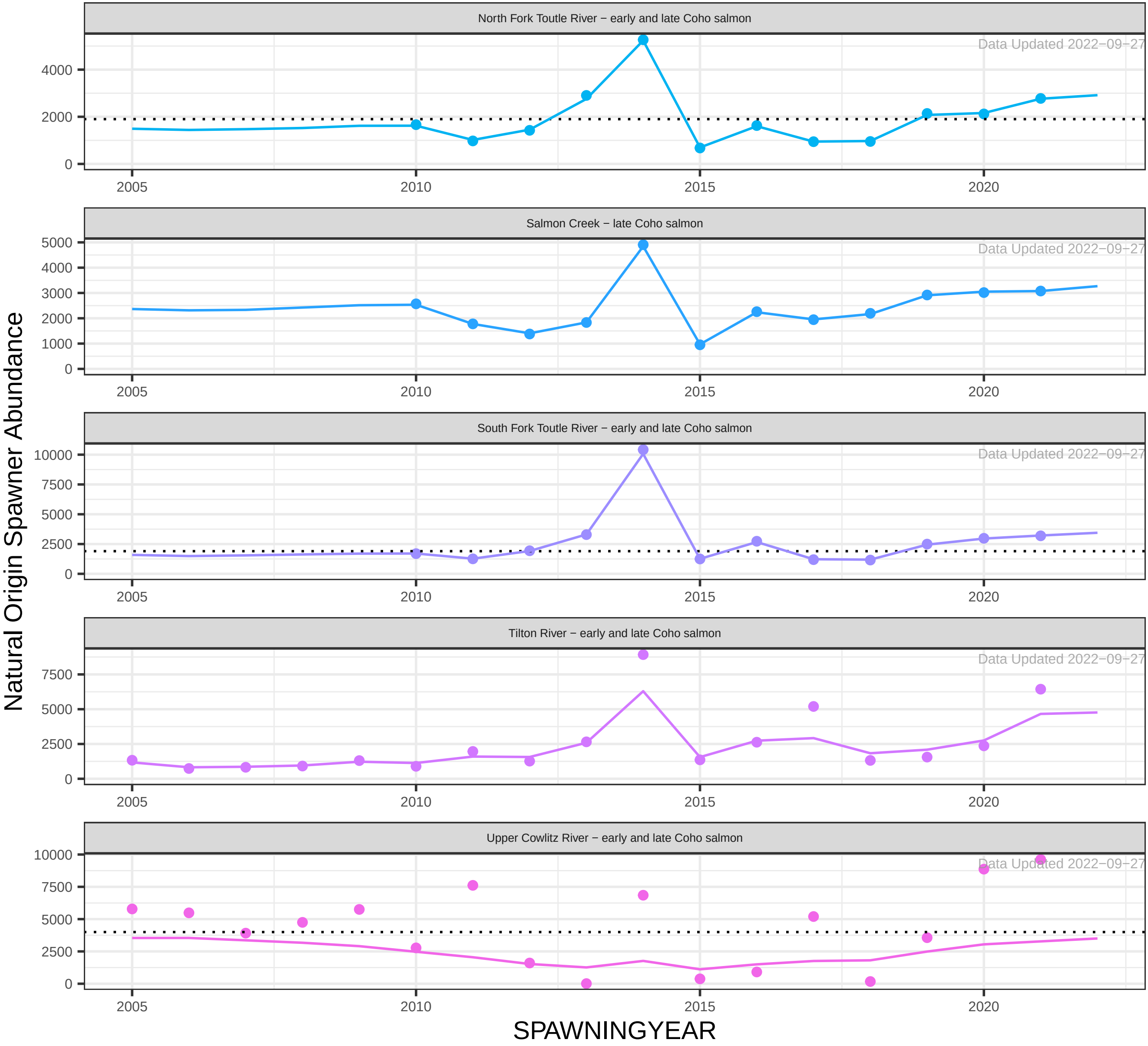


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



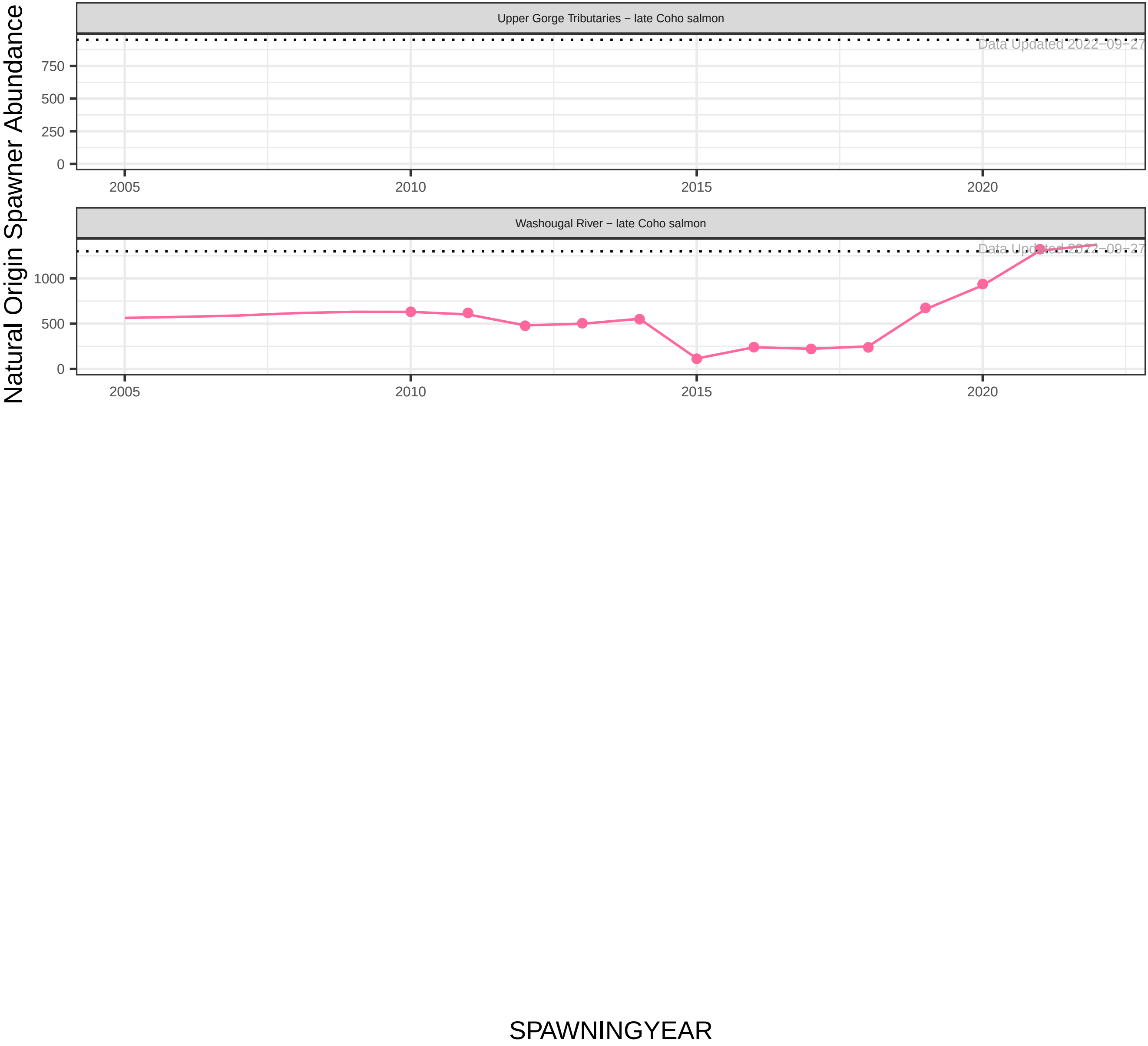
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Coho ESU



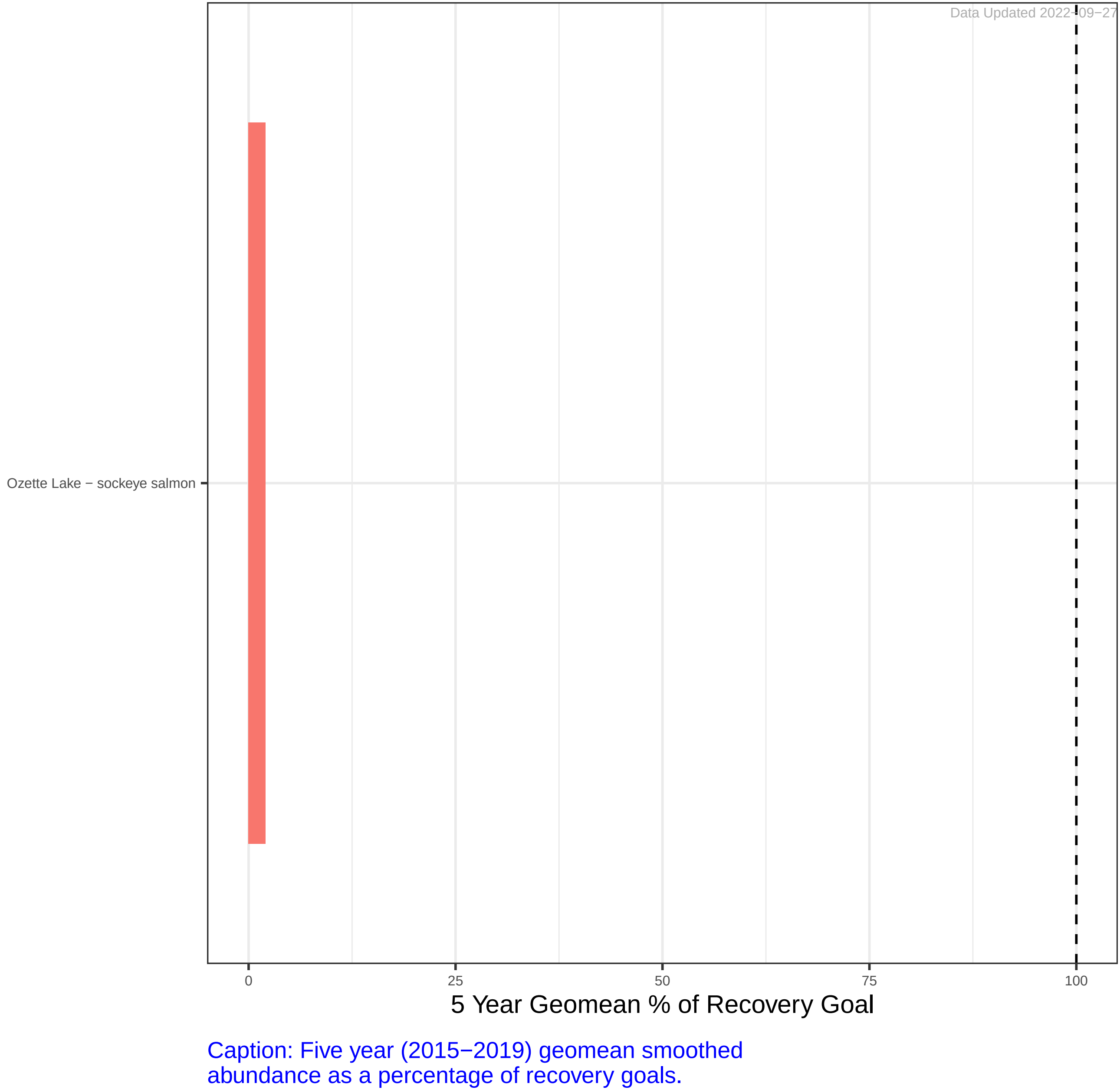
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Coho ESU



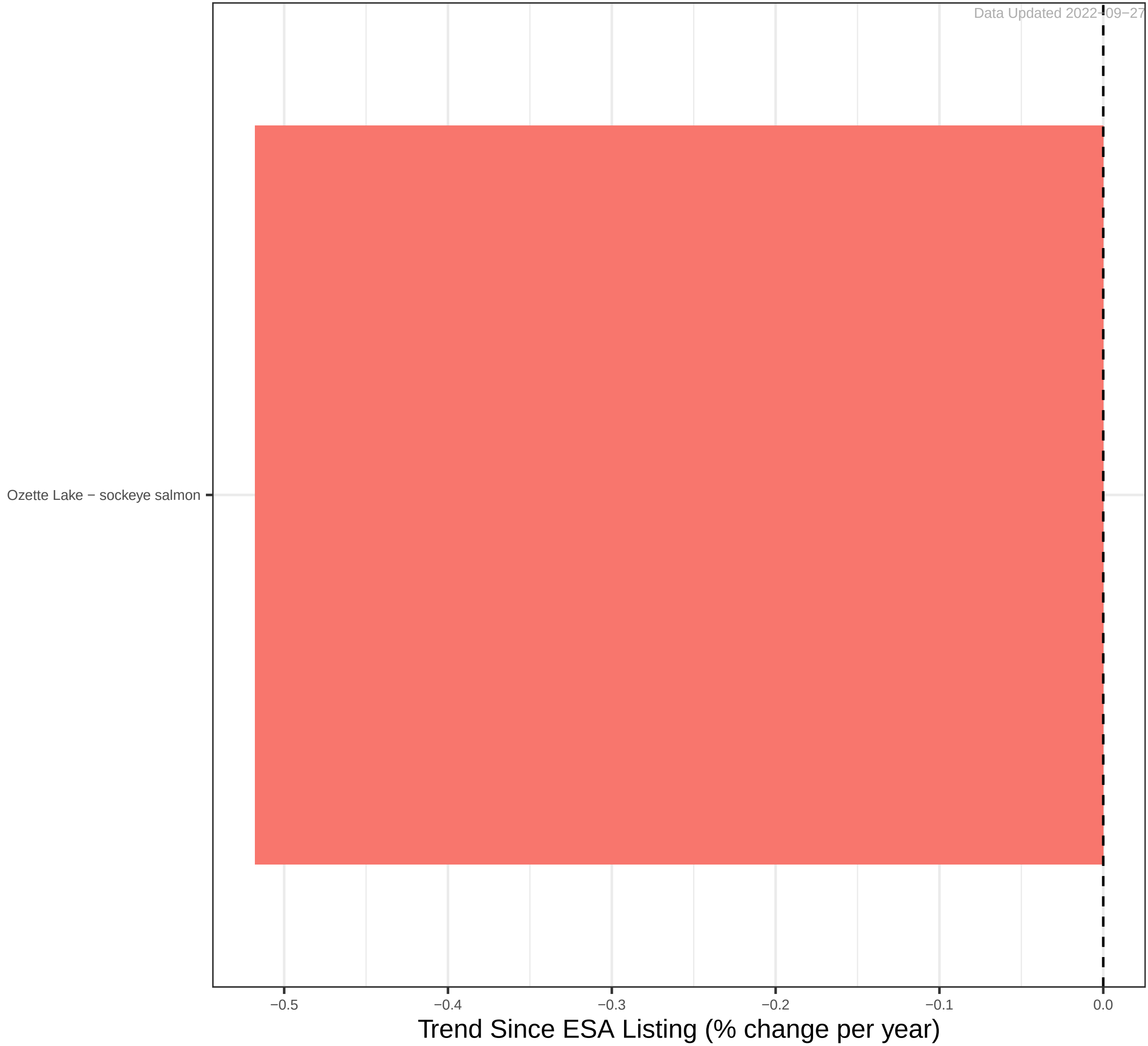
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Ozette Lake Sockeye ESU



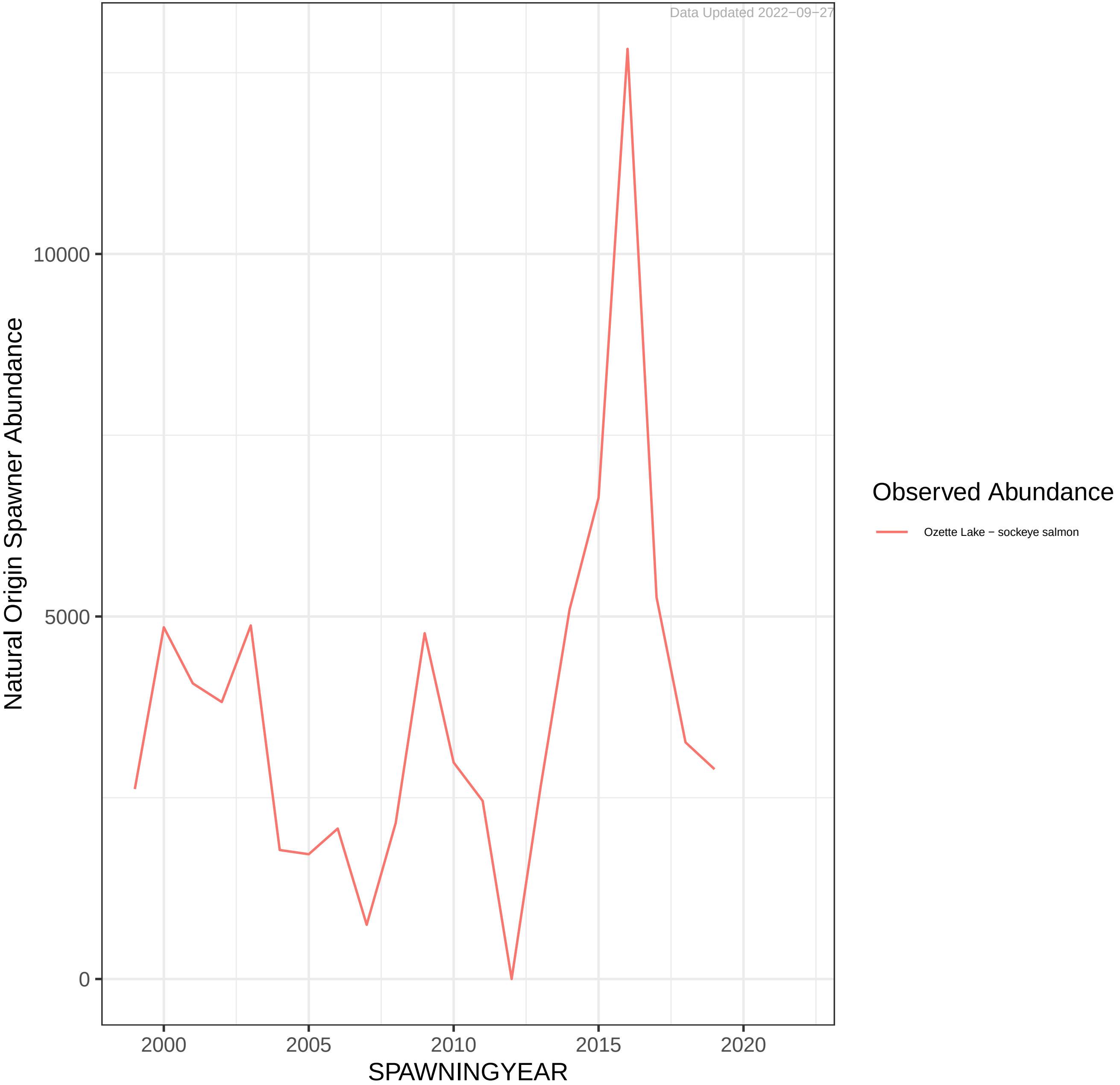
Caption: Five year (2015−2019) geomean smoothed
abundance as a percentage of recovery goals.
Populations with no bars had no usable data.

Ozette Lake Sockeye ESU

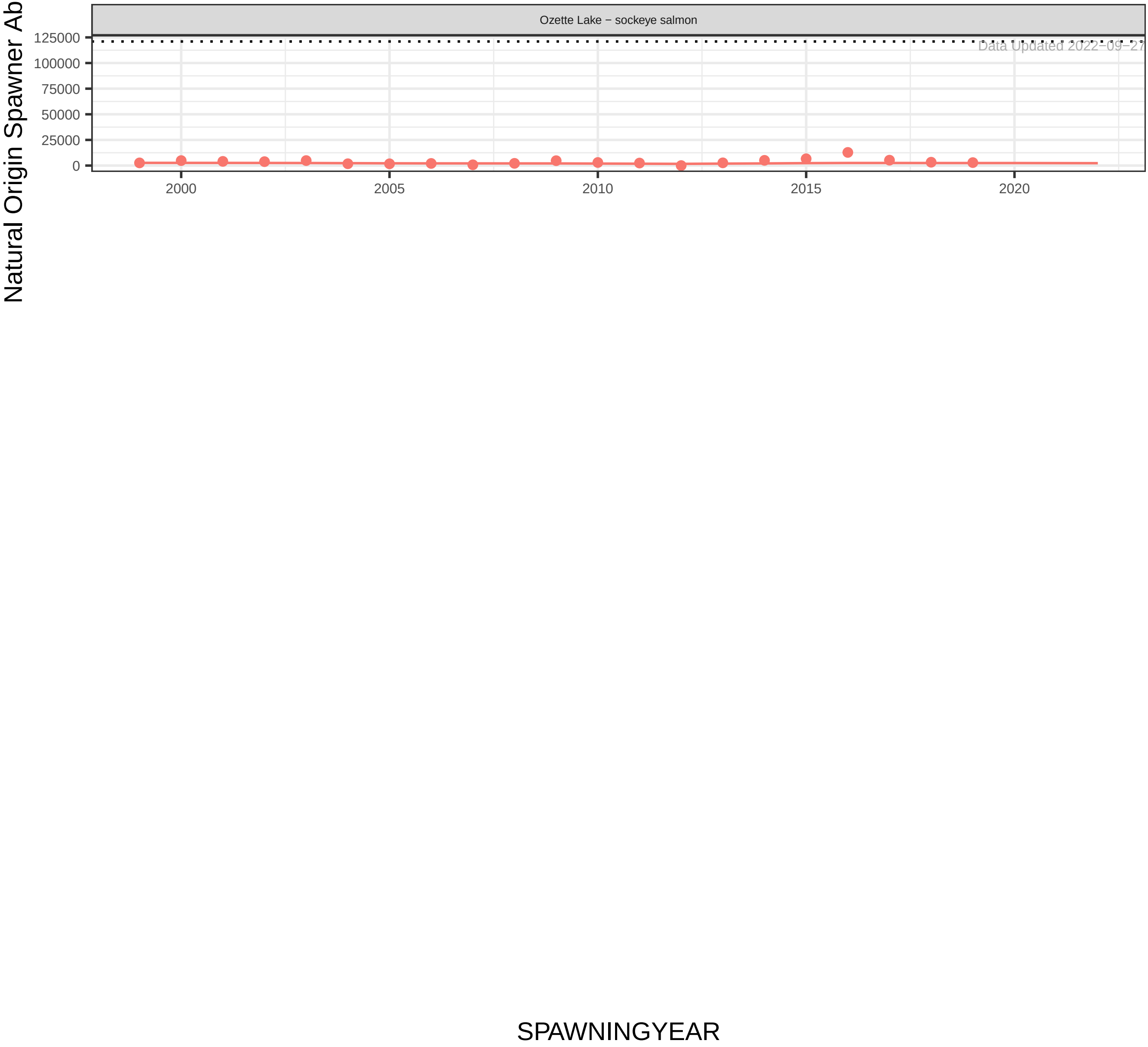


Caption: Trend since ESA−listing (percent change in abundance per year). Populations with no bars had no usable data.

Ozette Lake Sockeye ESU

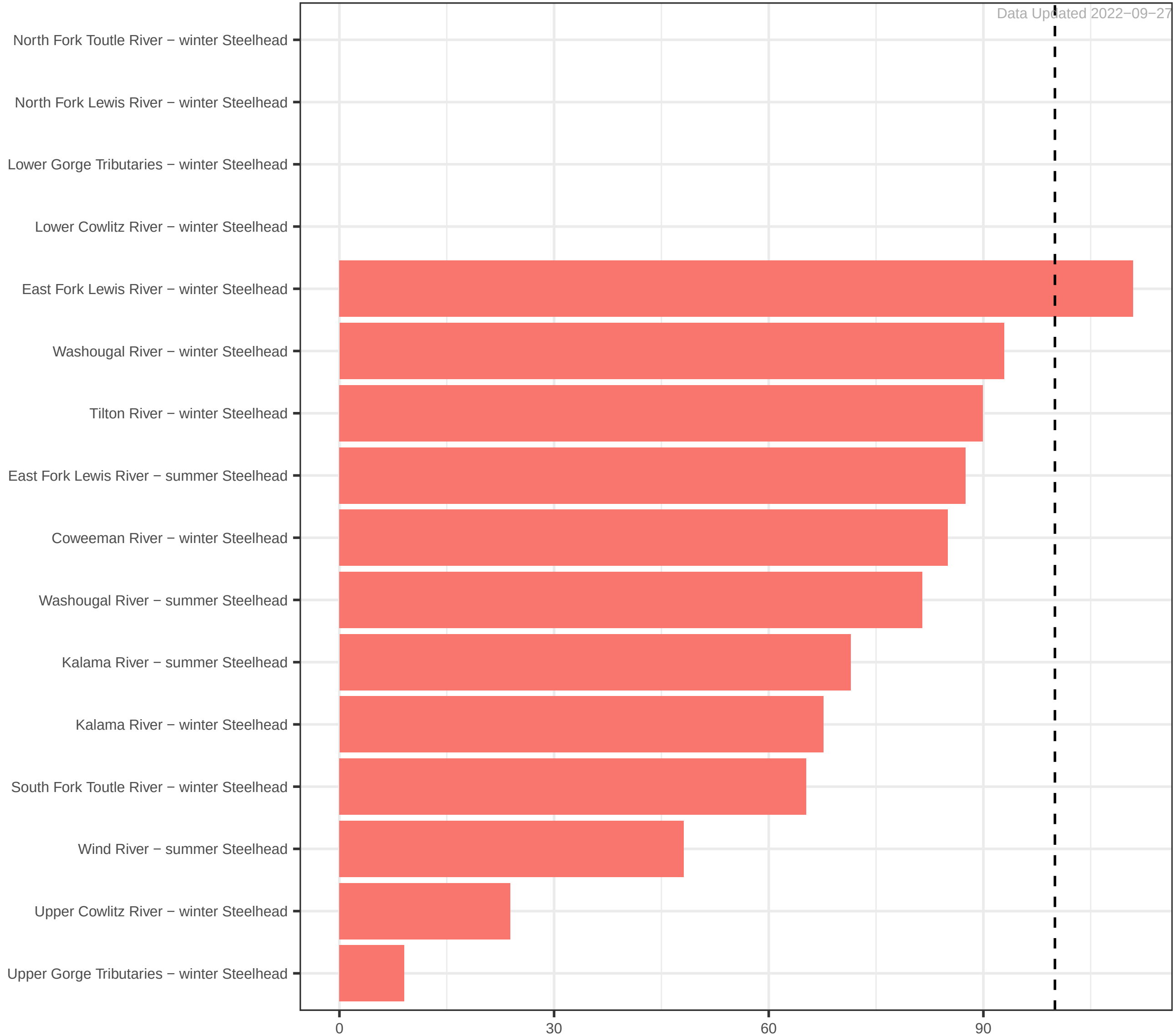


Ozette Lake Sockeye ESU



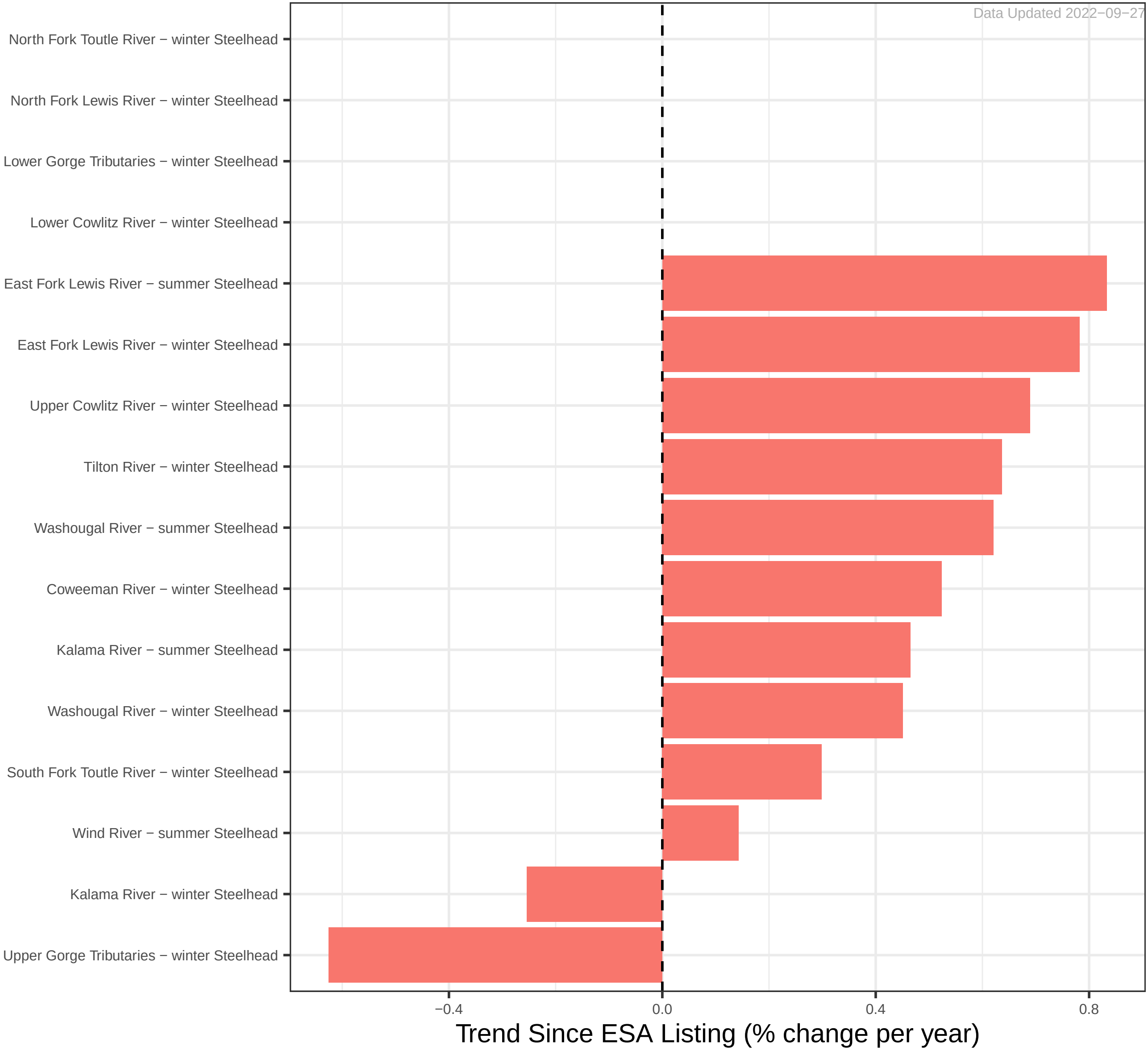
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Steelhead DPS

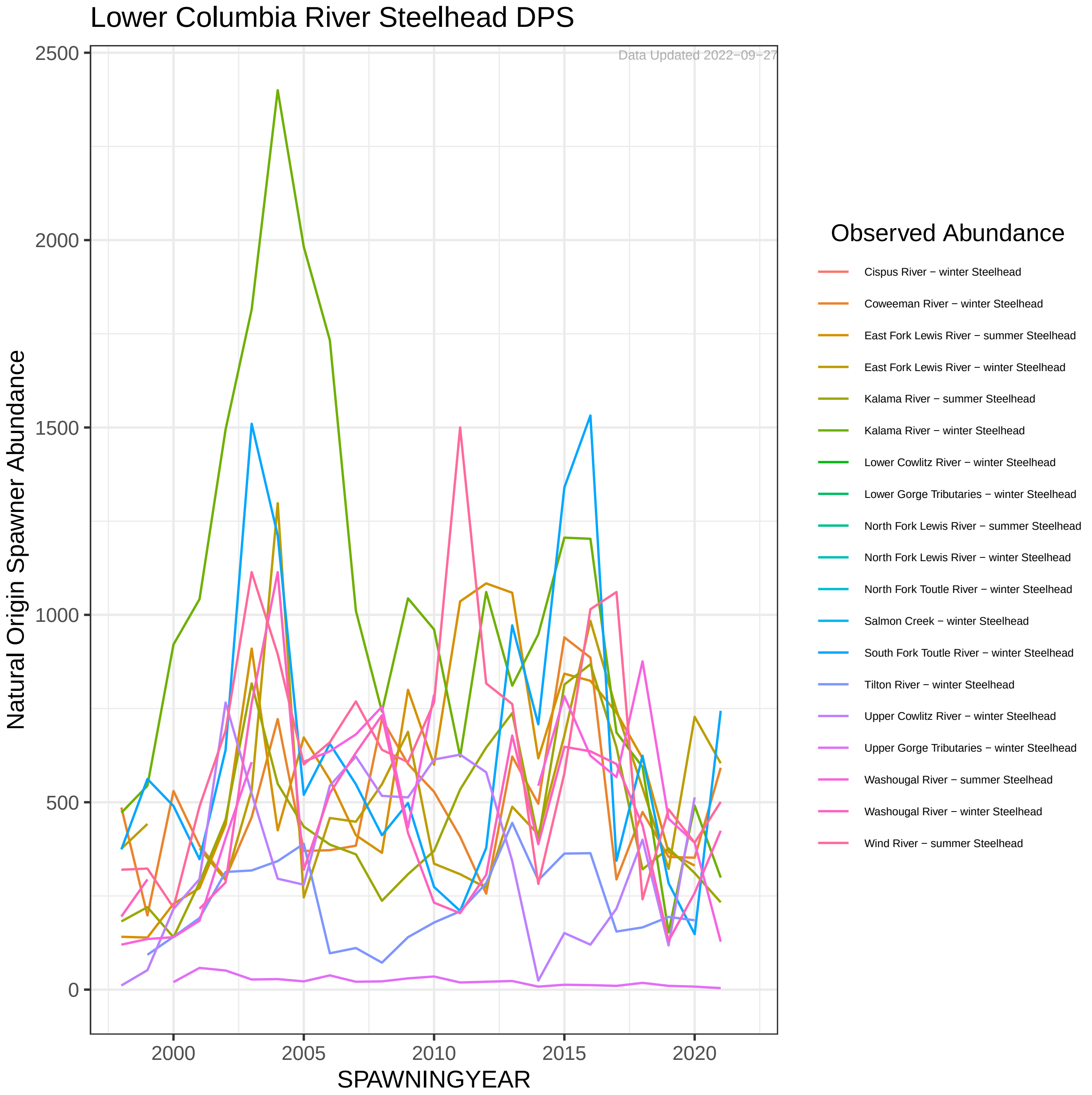


Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

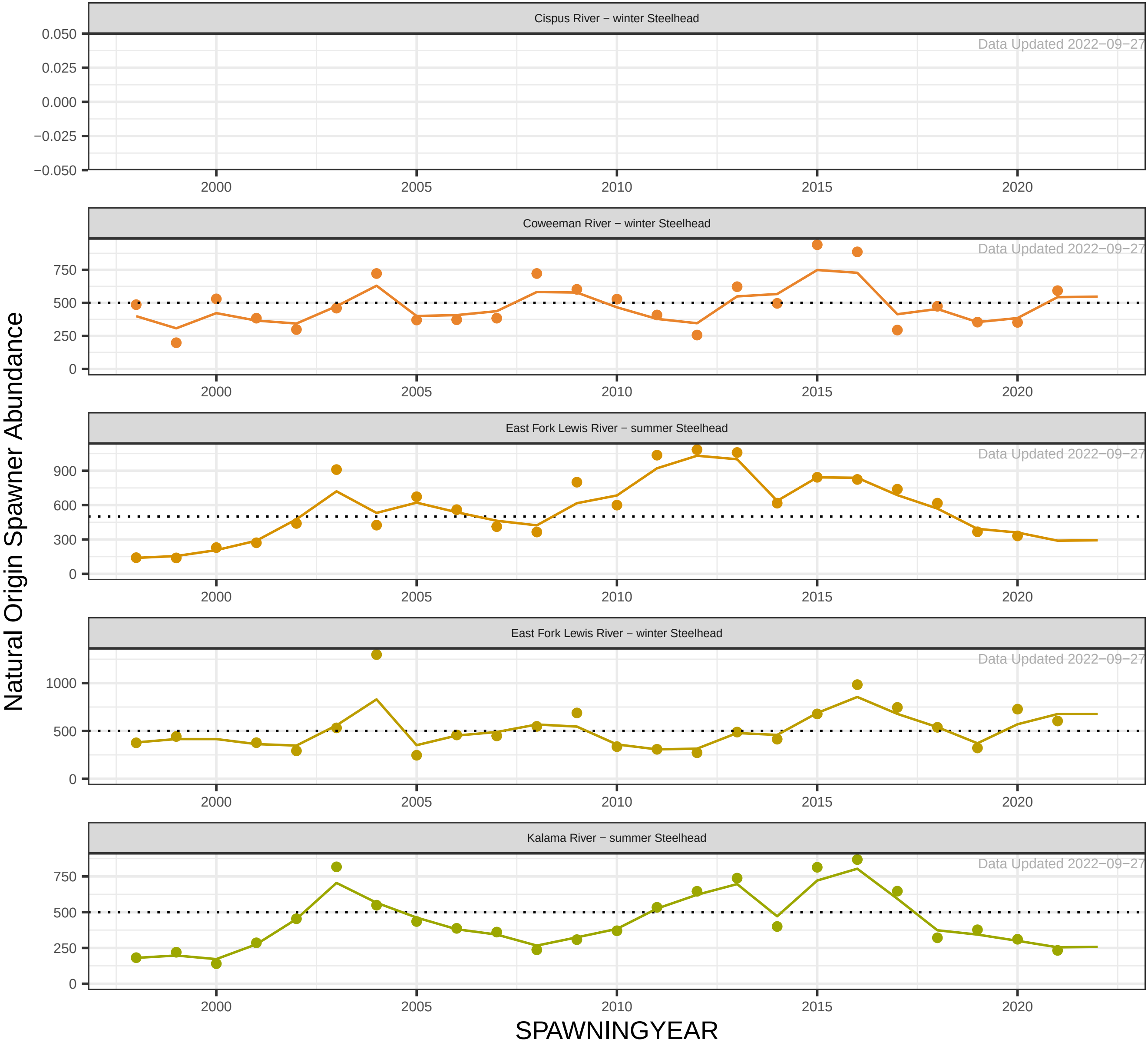
Lower Columbia River Steelhead DPS



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

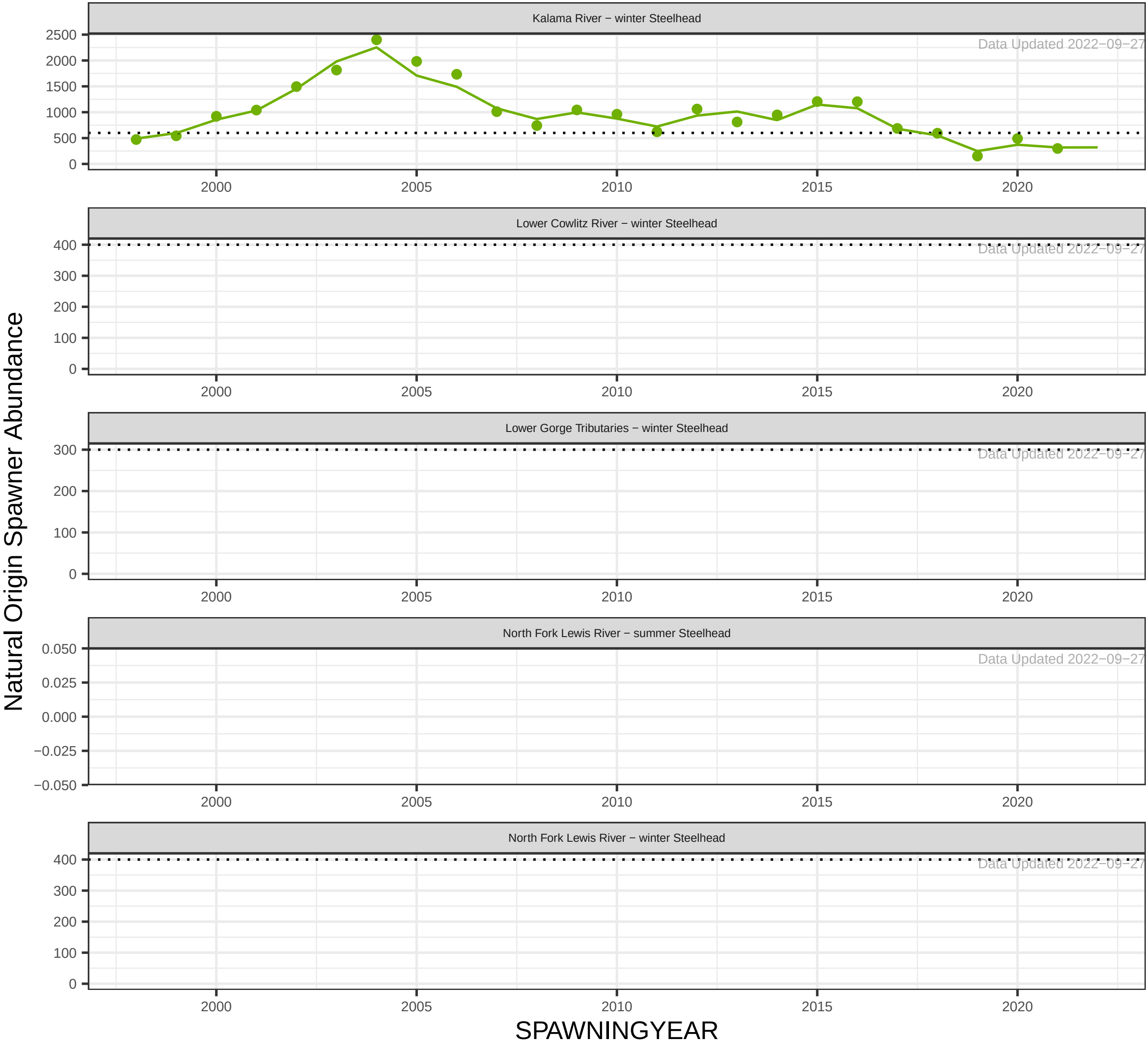

Lower Columbia River Steelhead DPS
Data Updated 2022−09−27
Natural Origin Spawner Abundance
2500
2000
1500
1000
500
0
2000
2005
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
Cispus River − winter Steelhead
Coweeman River − winter Steelhead
East Fork Lewis River − summer Steelhead
East Fork Lewis River − 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



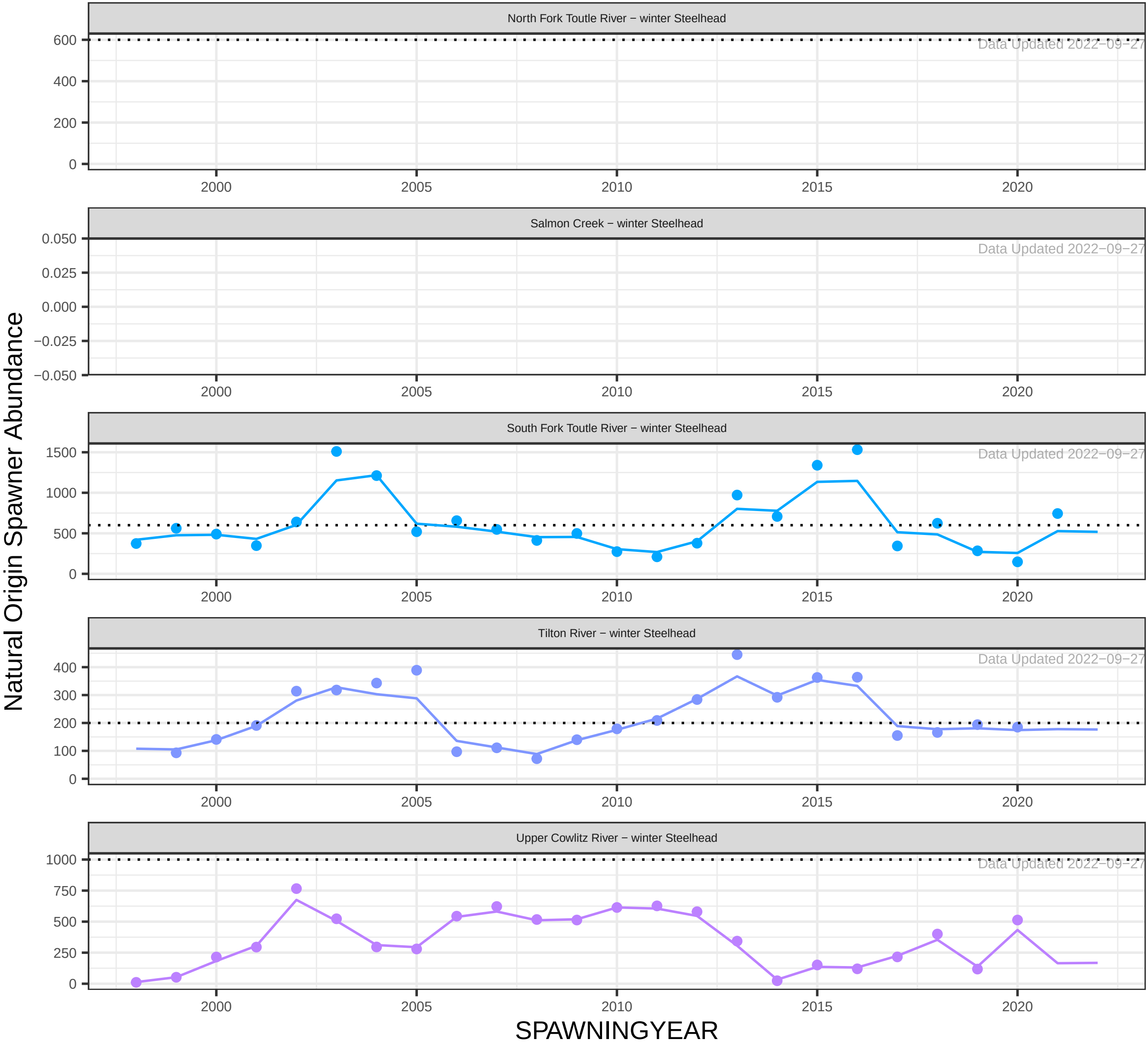
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Steelhead DPS



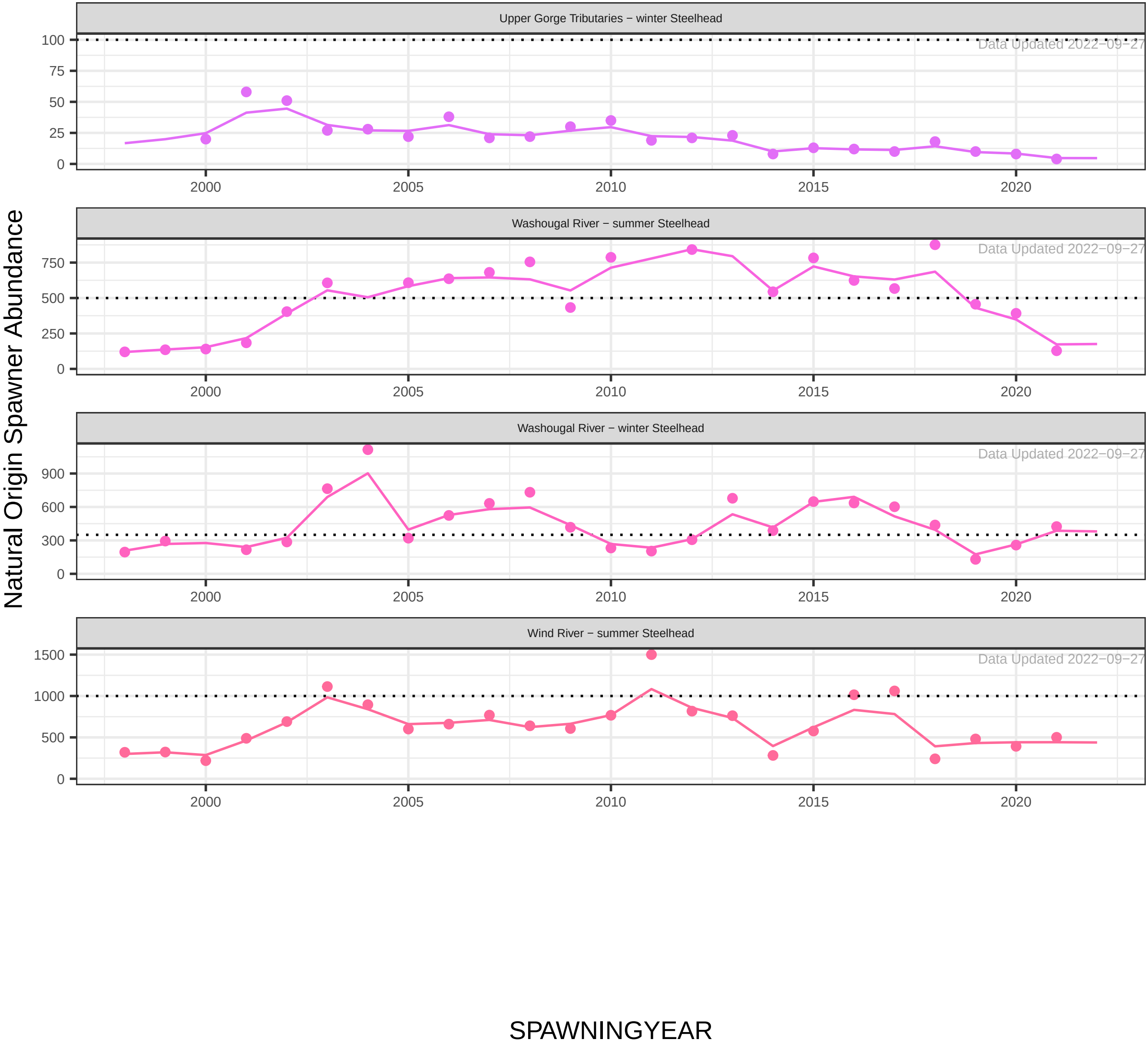
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Steelhead DPS



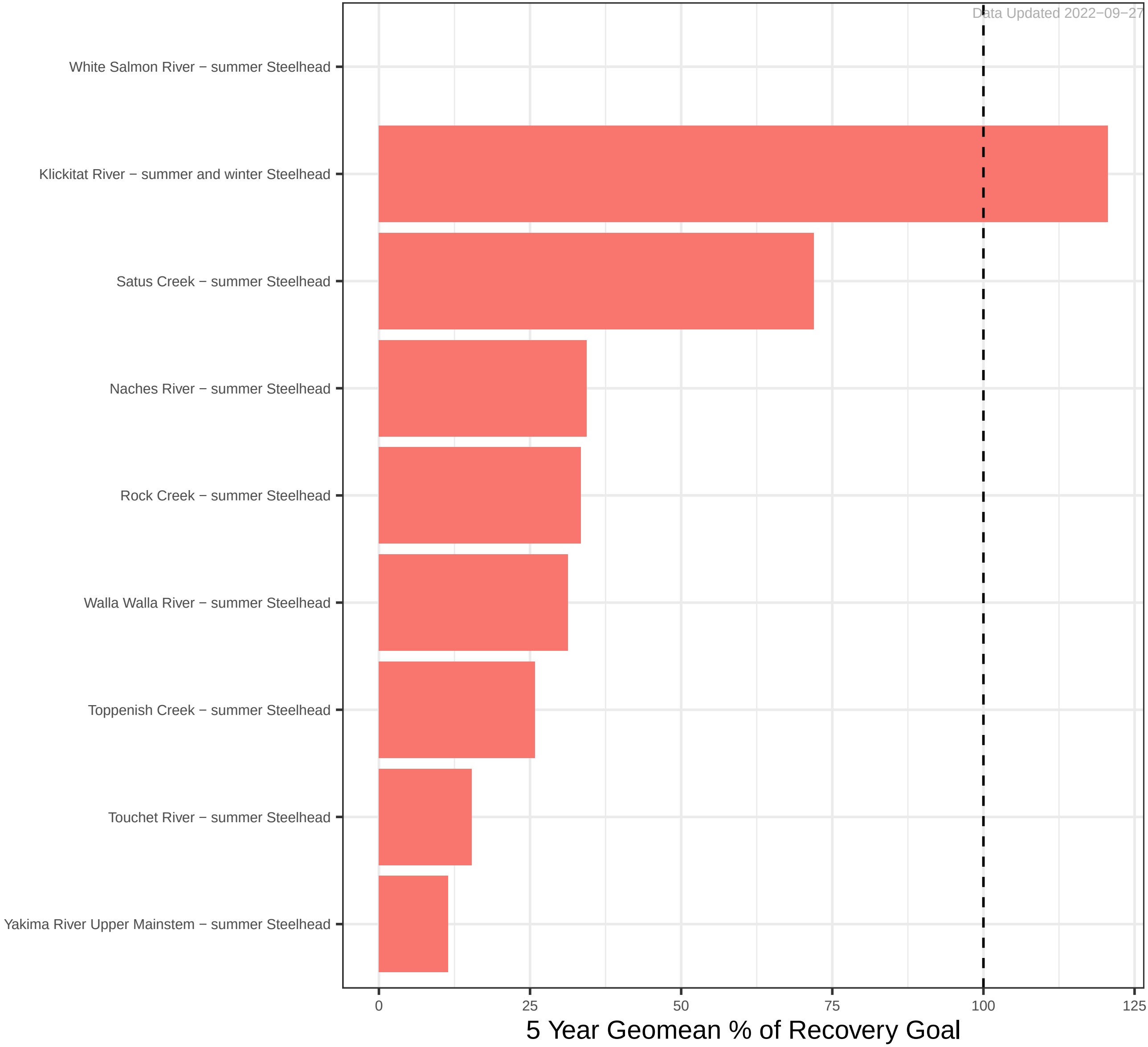
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Lower Columbia River Steelhead DPS



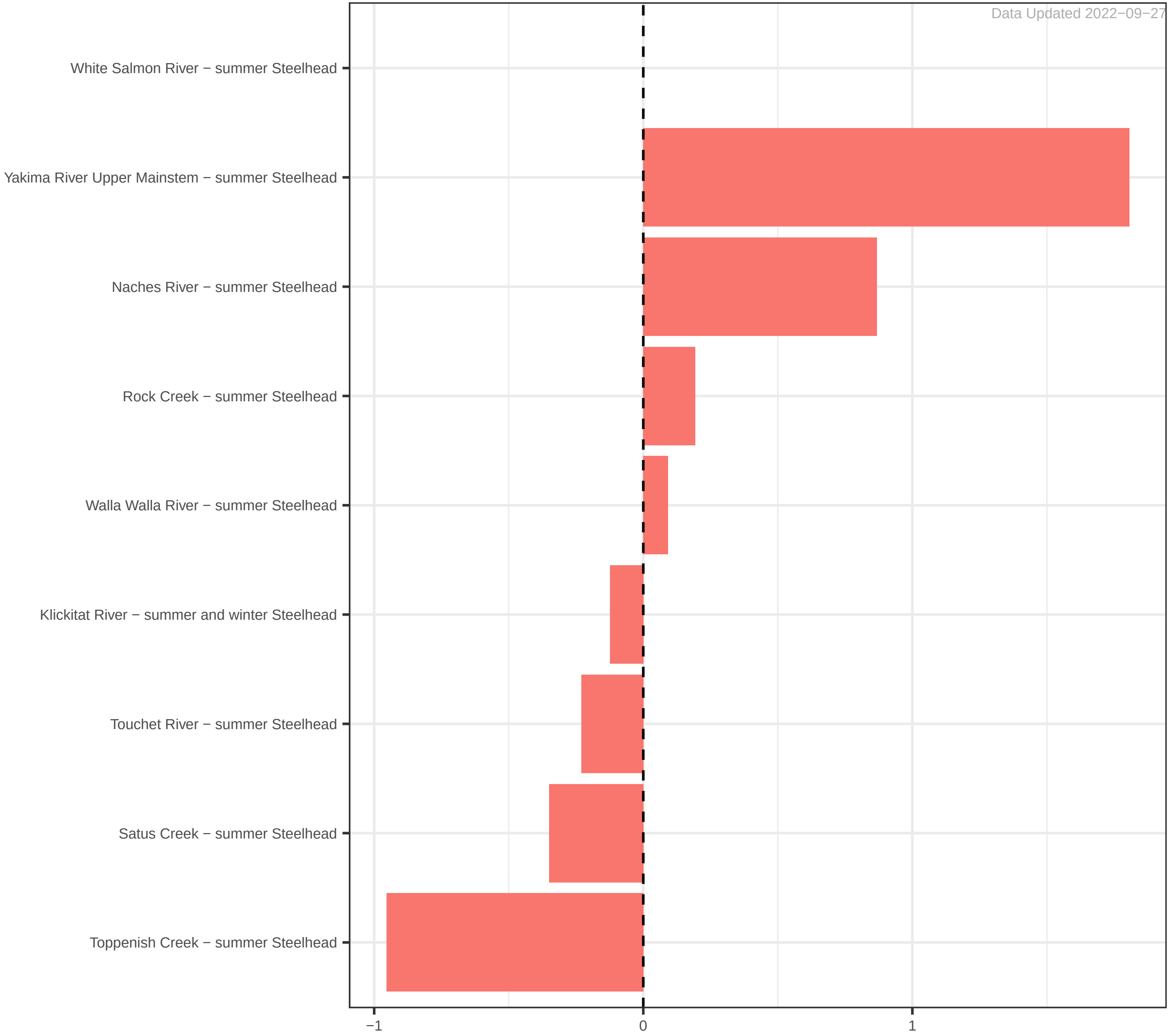
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Middle Columbia River Steelhead DPS

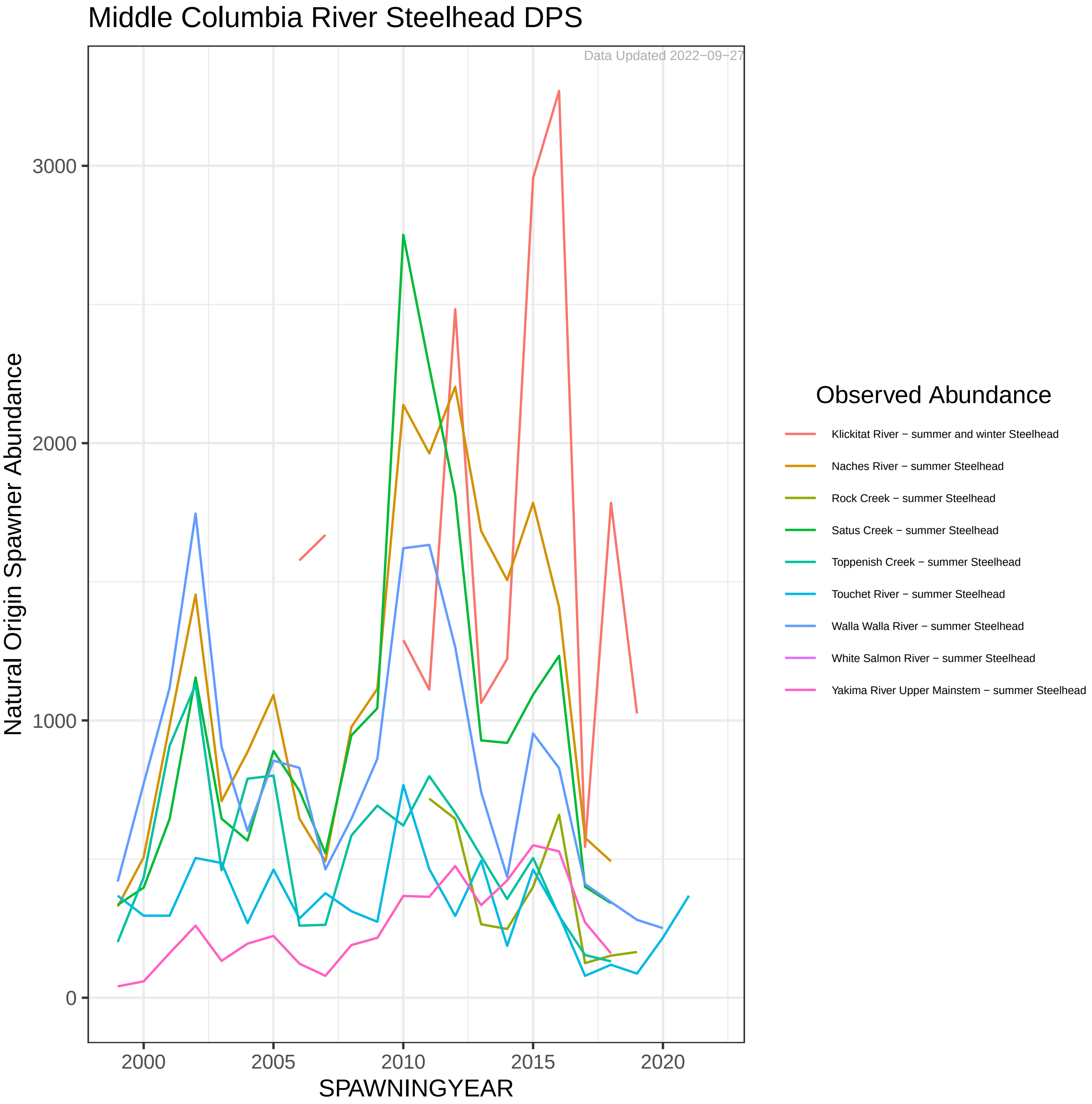


Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

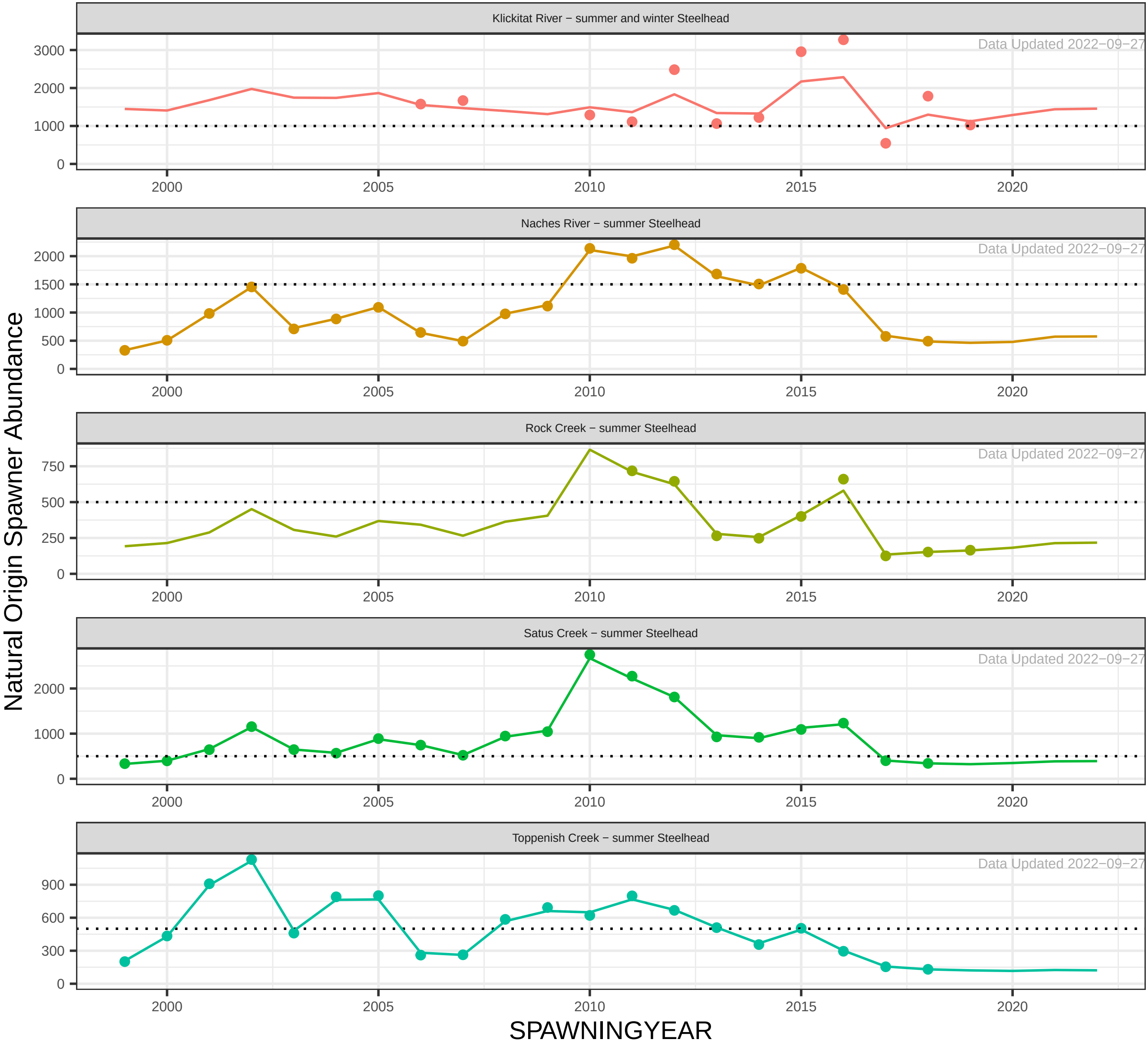
Middle Columbia River Steelhead DPS



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

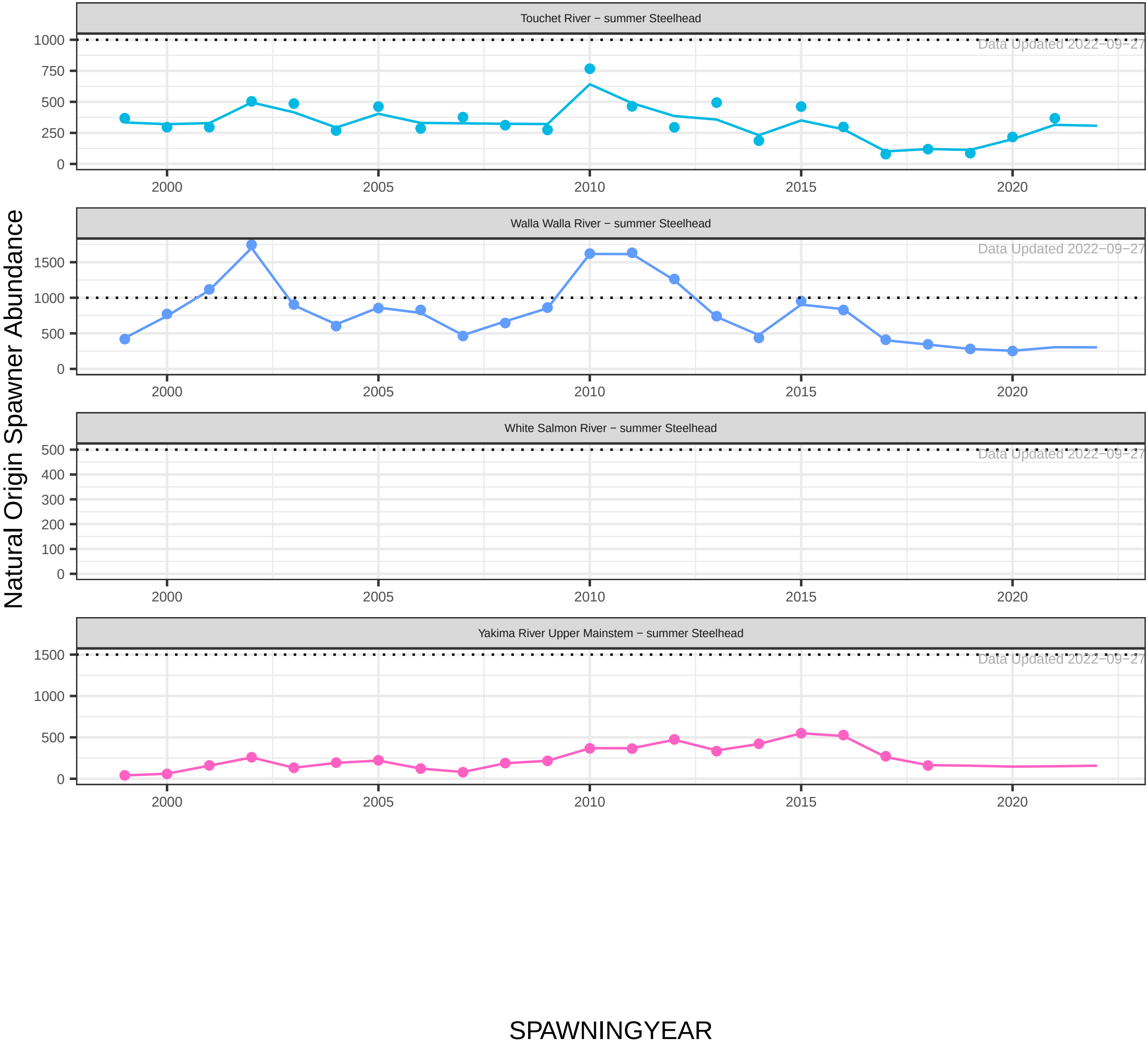

Middle Columbia River Steelhead DPS
Data Updated 2022−09−27
Natural Origin Spawner Abundance
3000
2000
1000
0
2000
2005
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
Klickitat River − summer and winter Steelhead
Naches River − summer Steelhead
Rock Creek − summer Steelhead
Satus Creek − summer Steelhead
Toppenish Creek − summer Steelhead
Touchet River − summer Steelhead
Walla Walla River − summer Steelhead
White Salmon River − summer Steelhead
Yakima River Upper Mainstem − summer Steelhead

Middle Columbia River Steelhead DPS



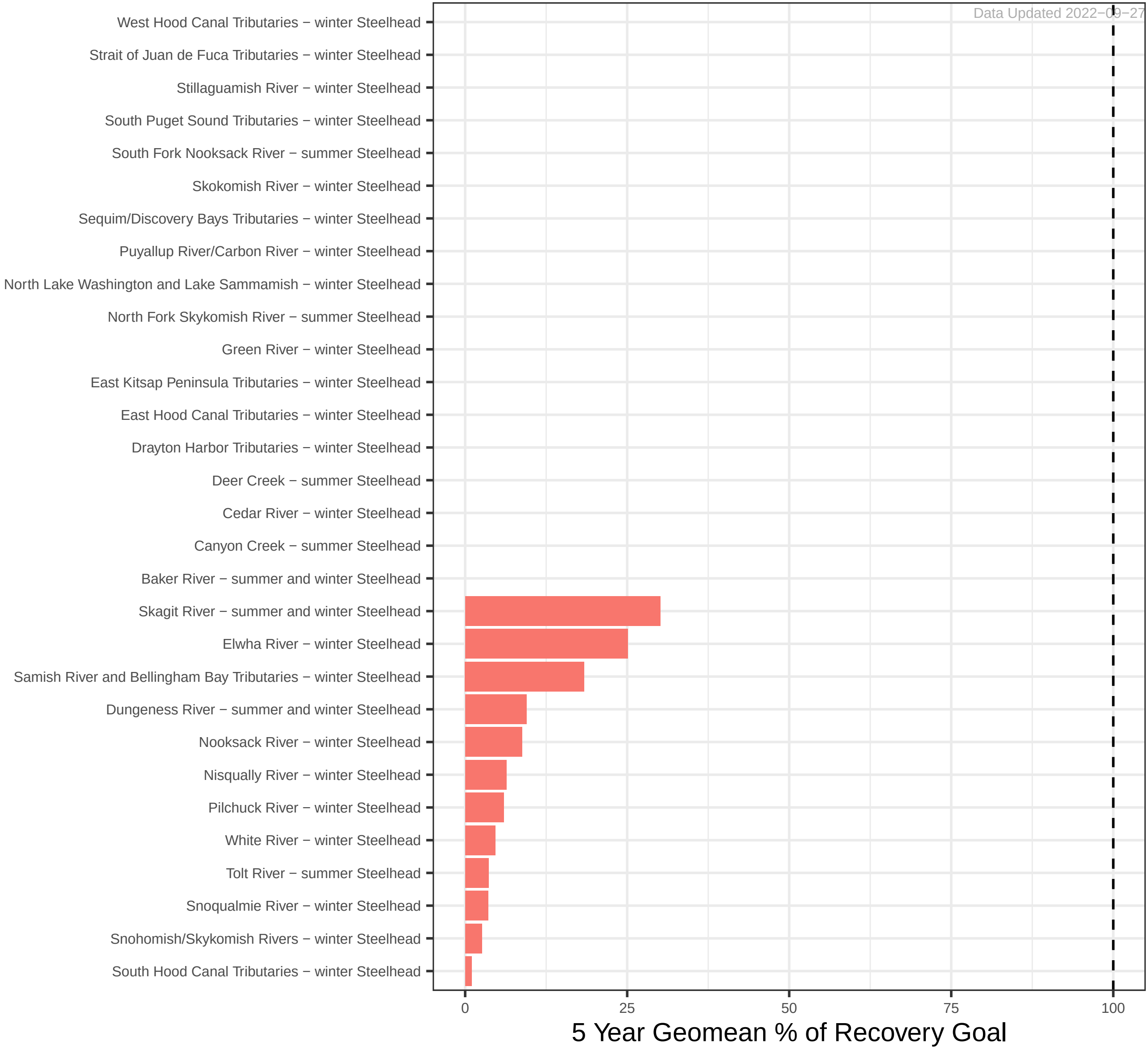
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Middle Columbia River Steelhead DPS

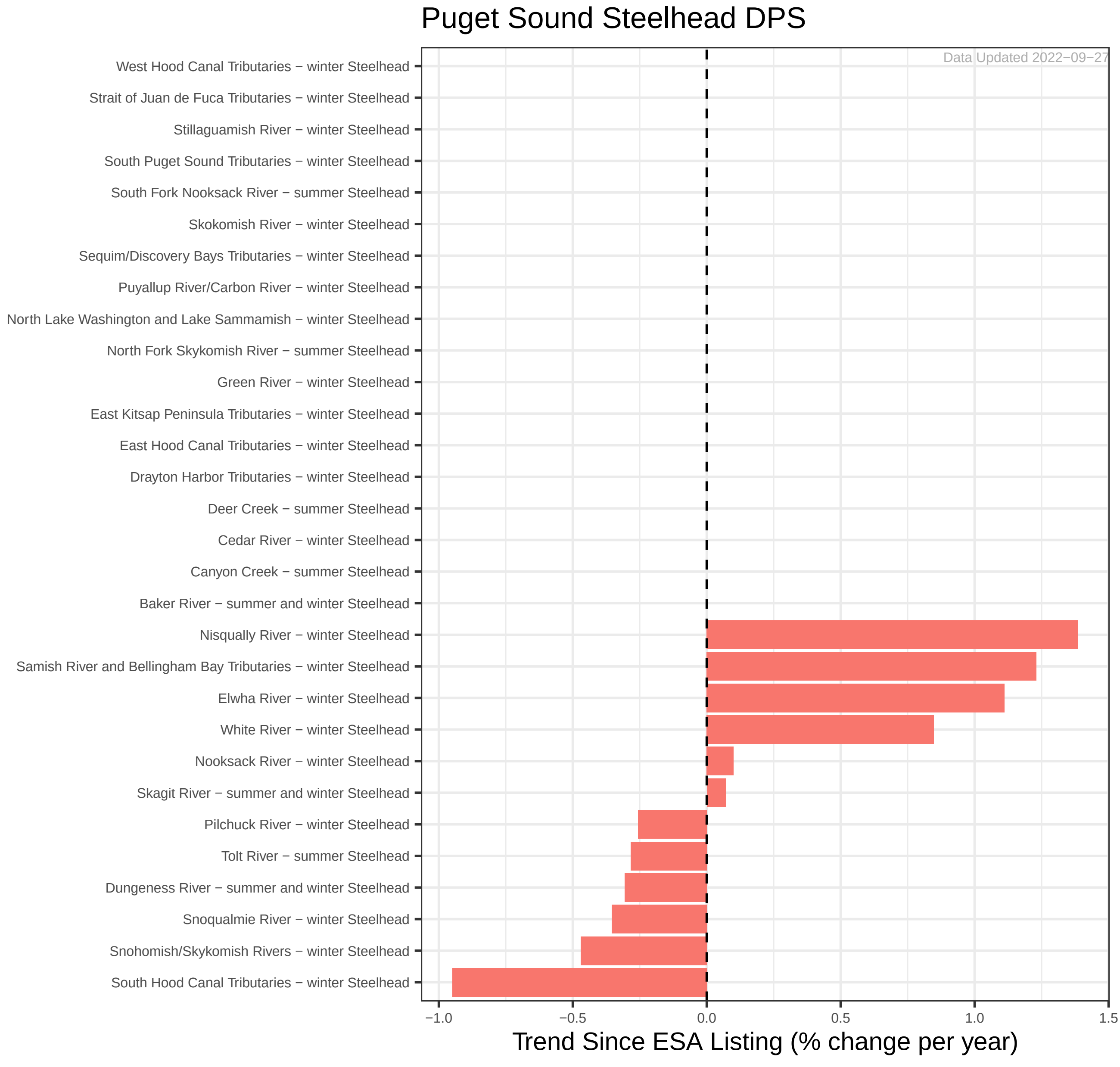


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

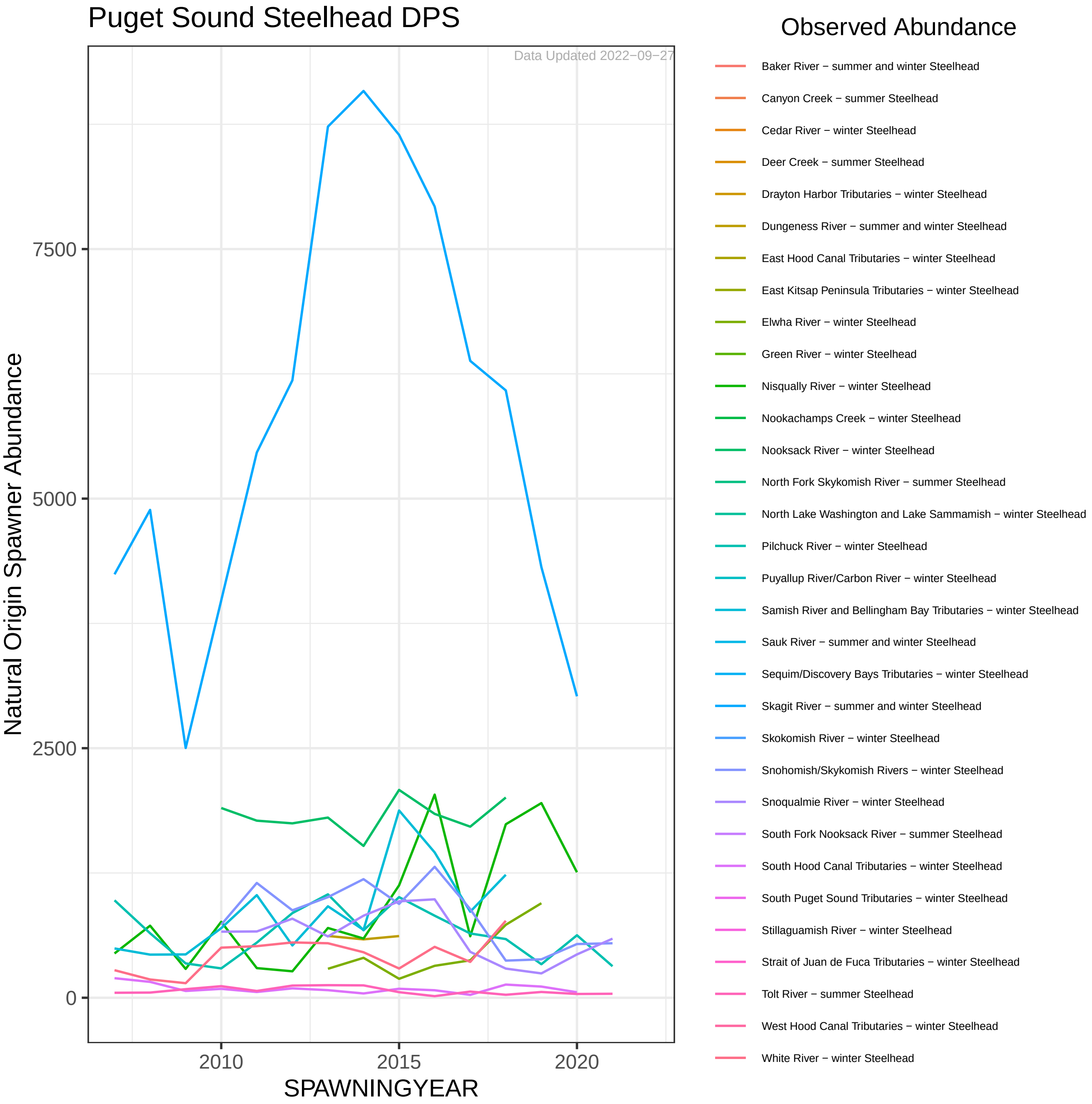
Puget Sound Steelhead DPS



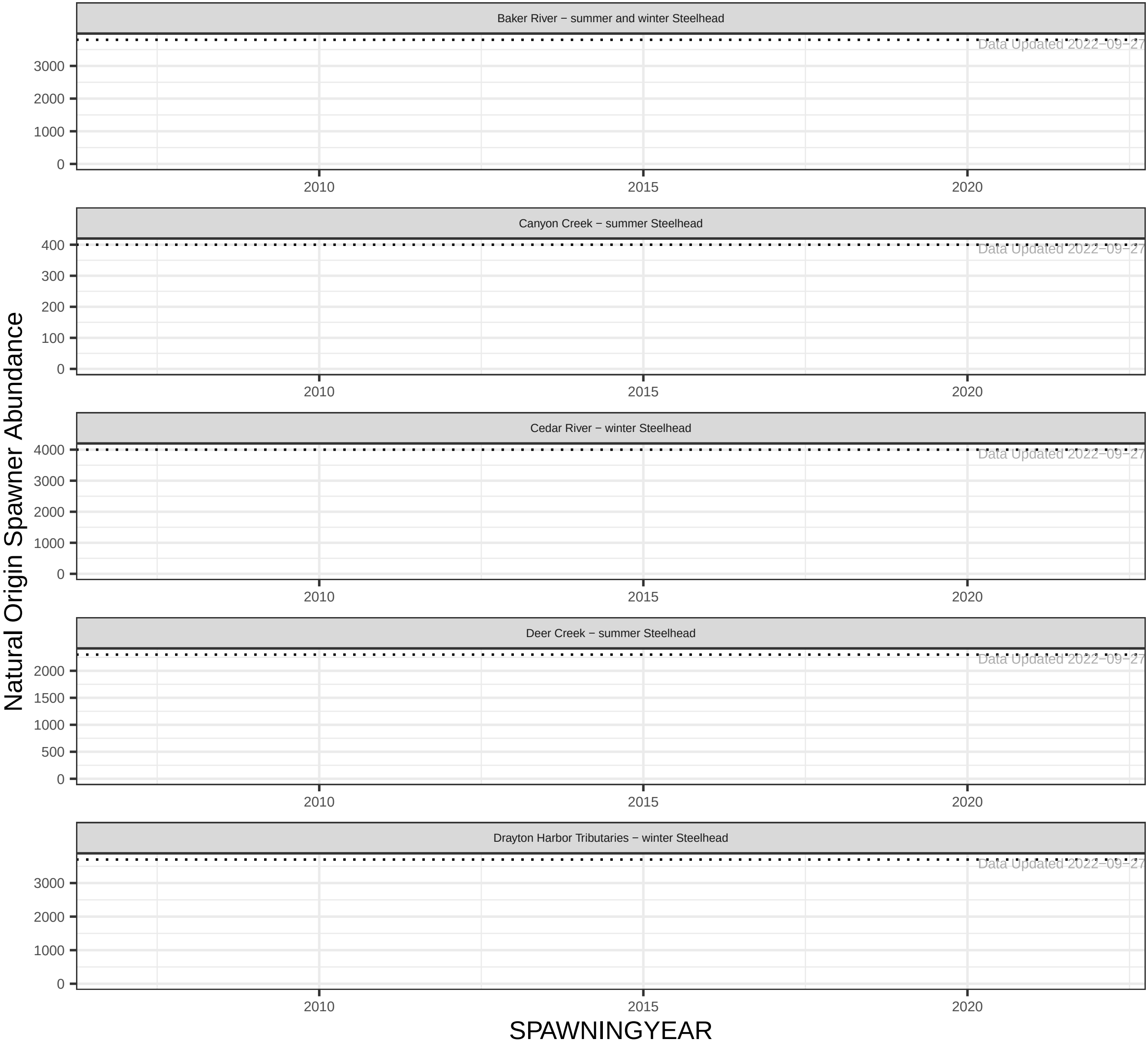
Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.



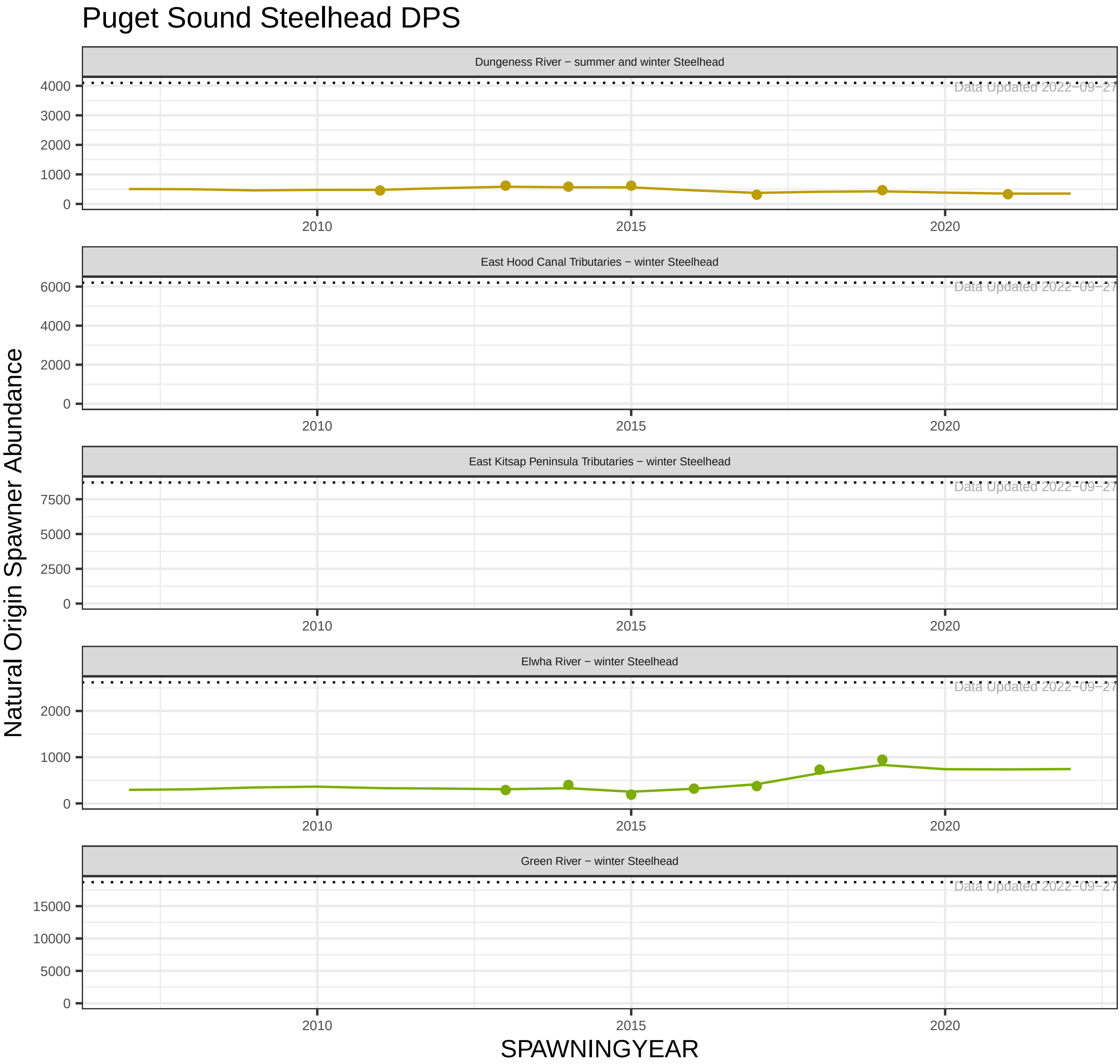
Caption: Trend since ESA−listing (percent change in abundance per year). Populations with no bars had no usable data.


Puget Sound Steelhead DPS
Data Updated 2022−09−27
Natural Origin Spawner Abundance
7500
5000
2500
0
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
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

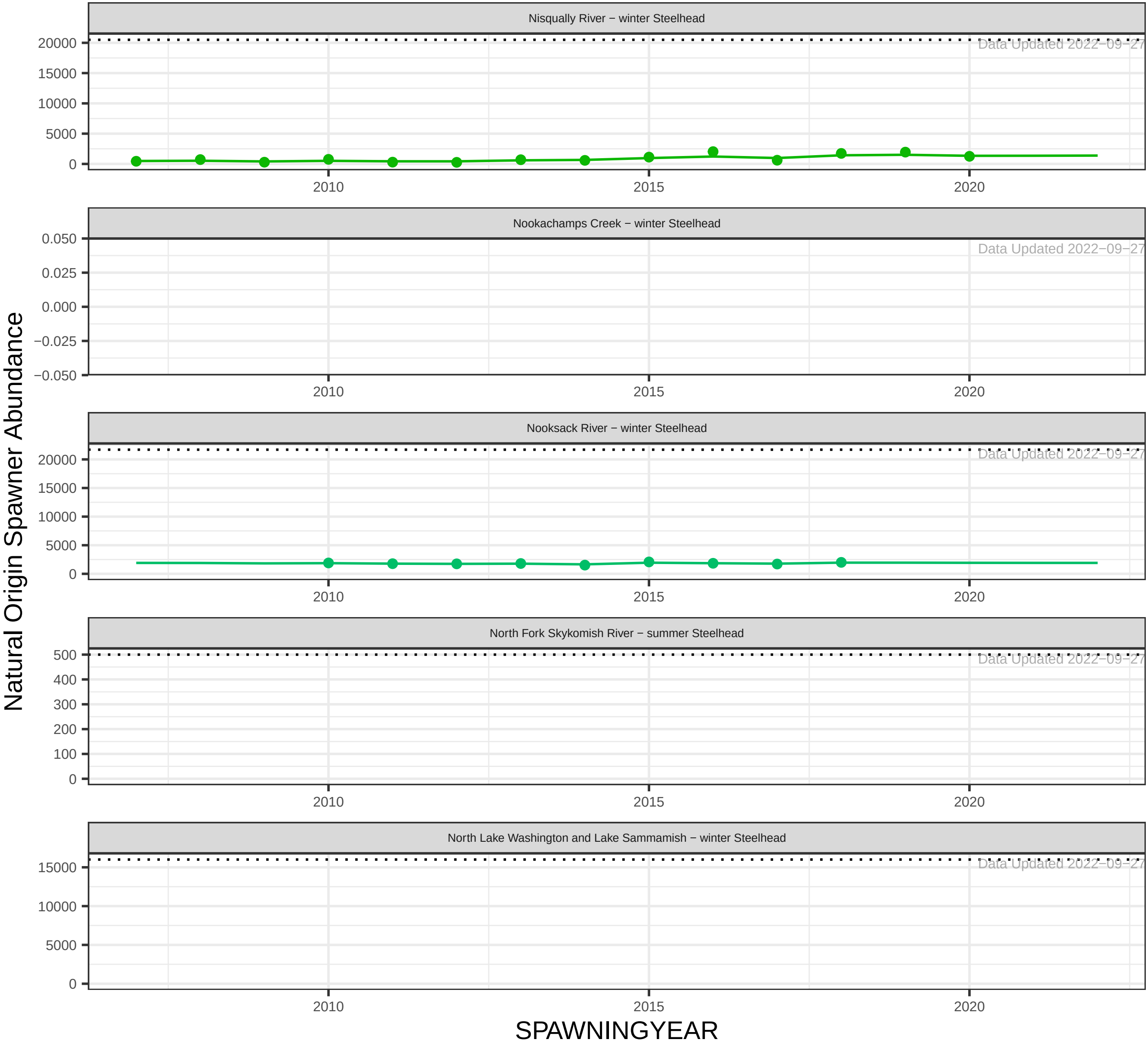


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



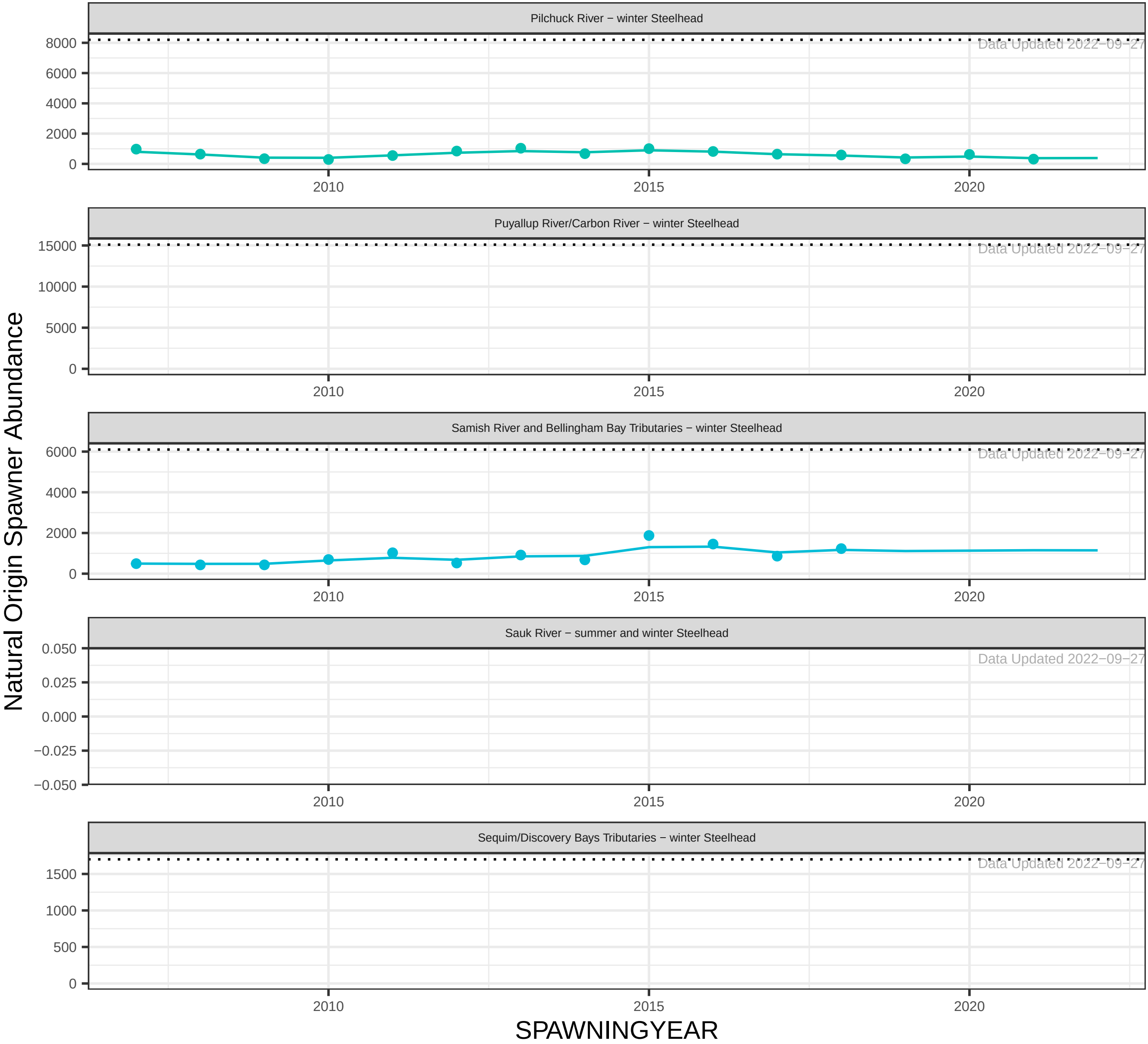
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Puget Sound Steelhead DPS



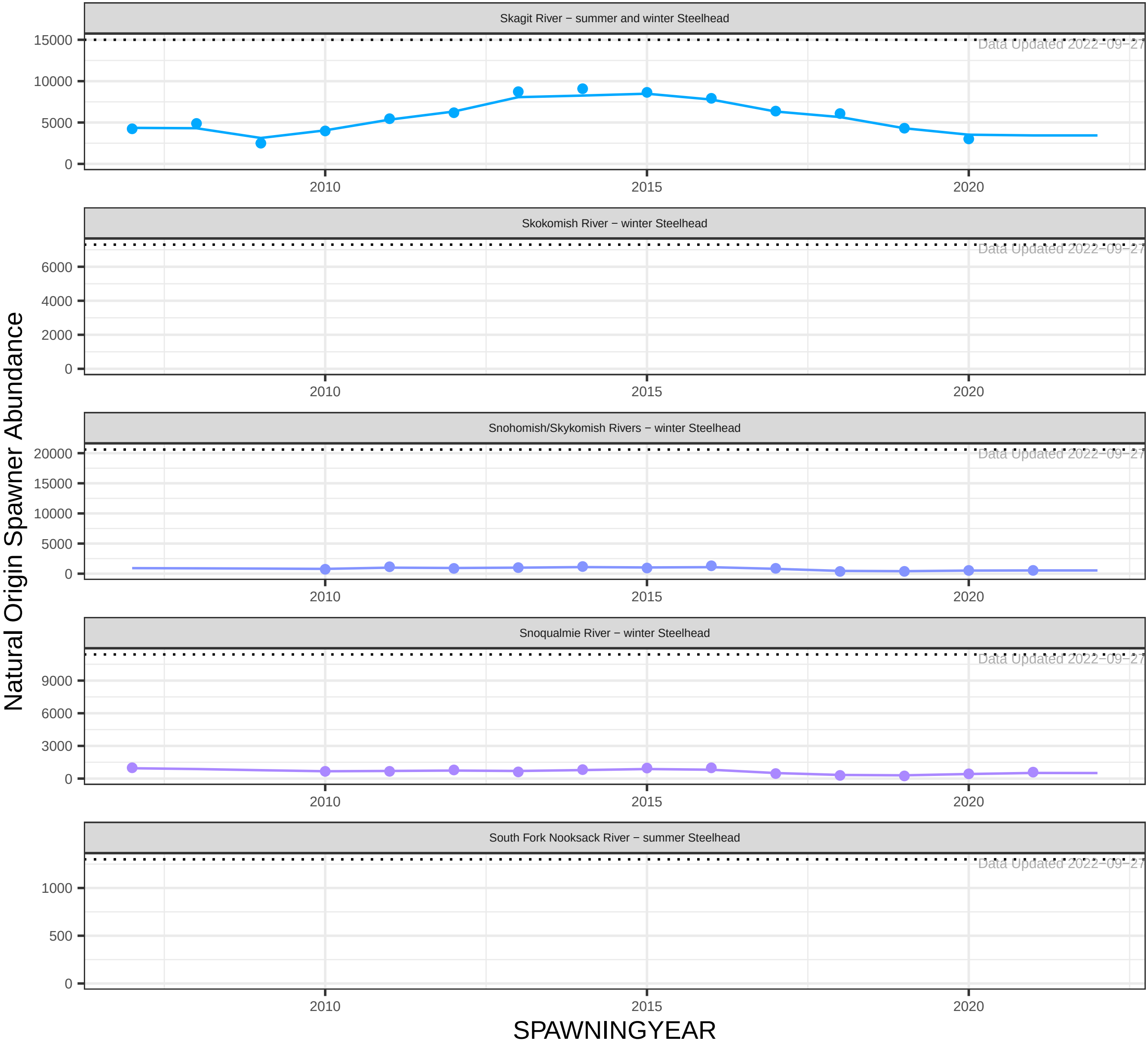
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Puget Sound Steelhead DPS

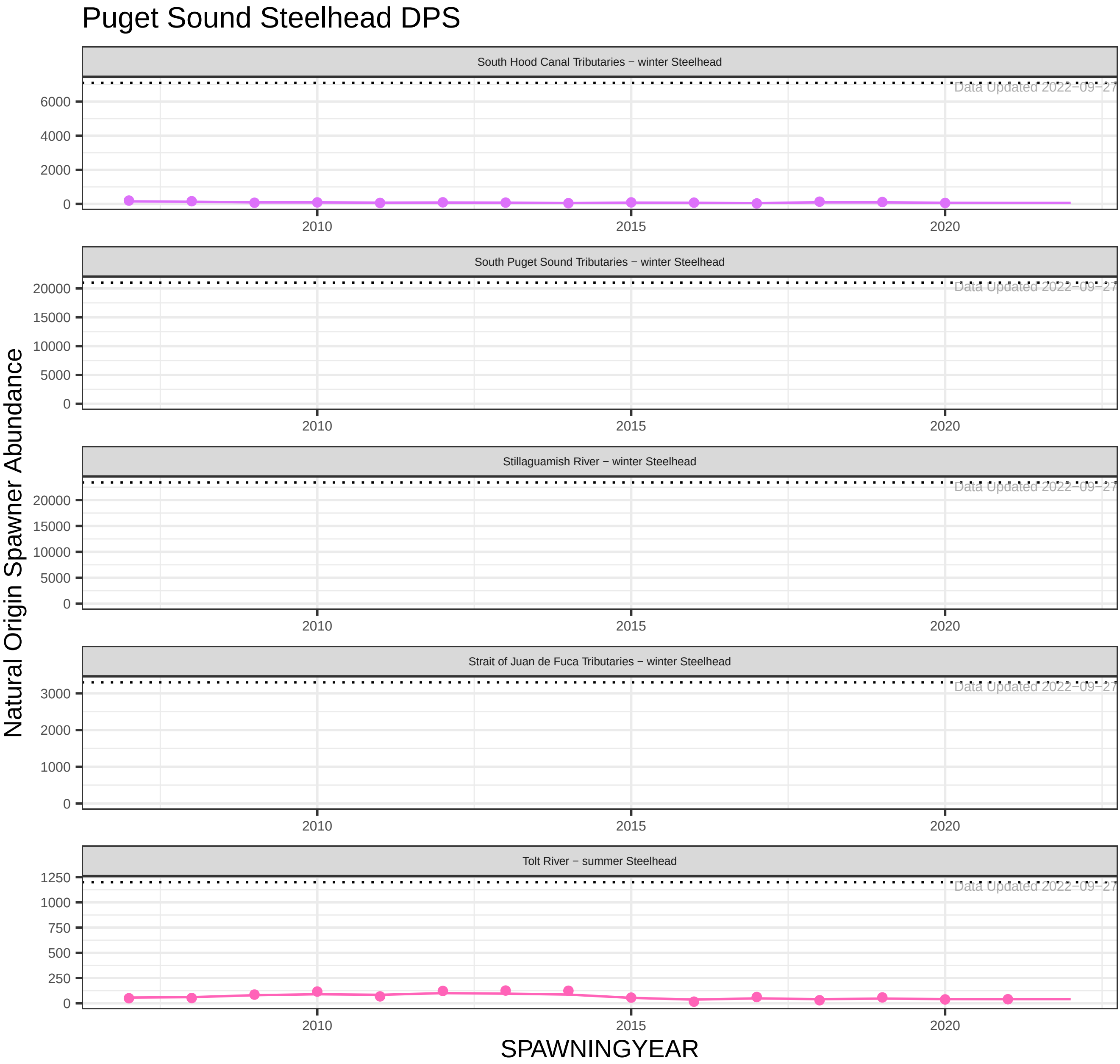


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Puget Sound Steelhead DPS

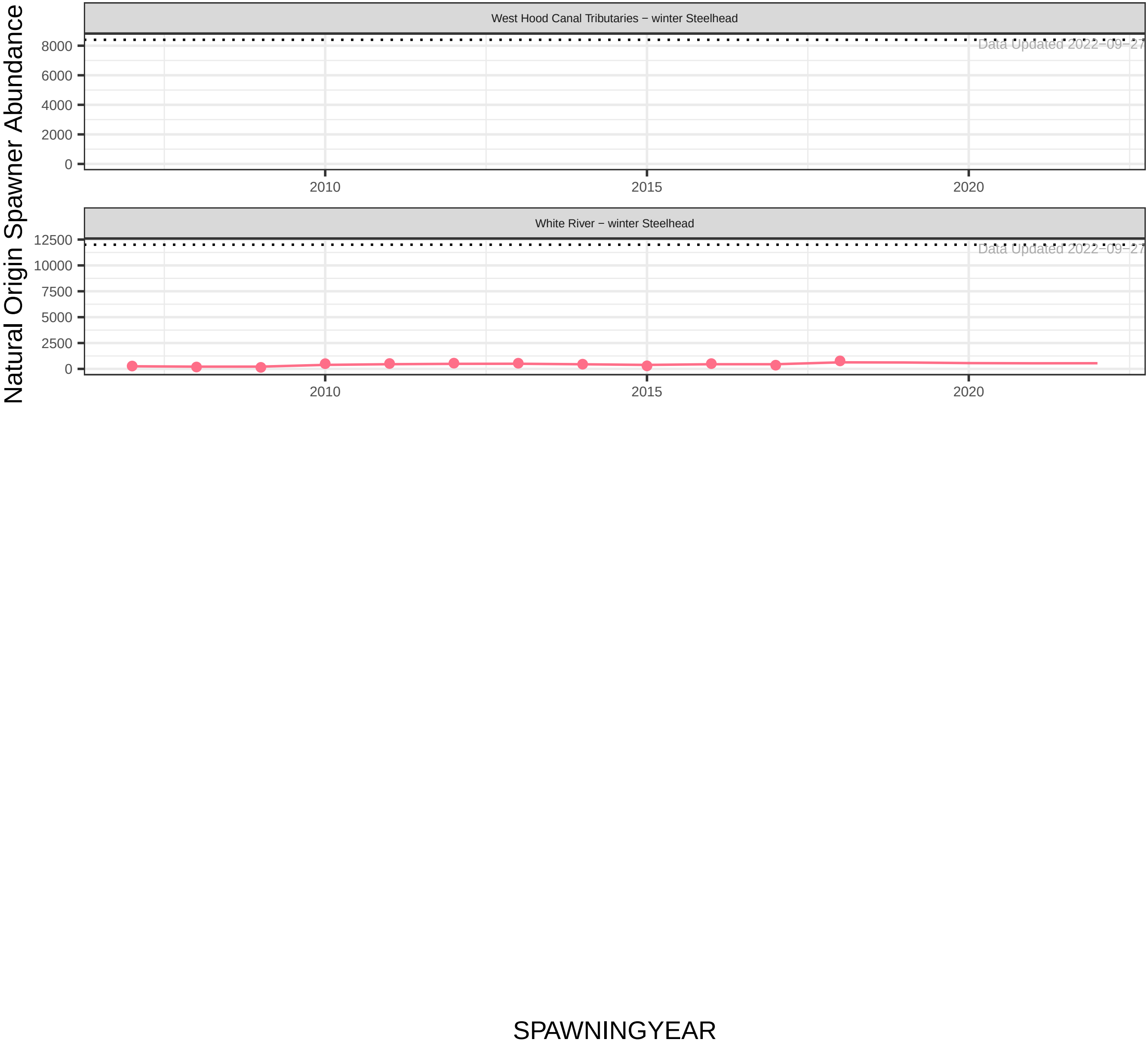


Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



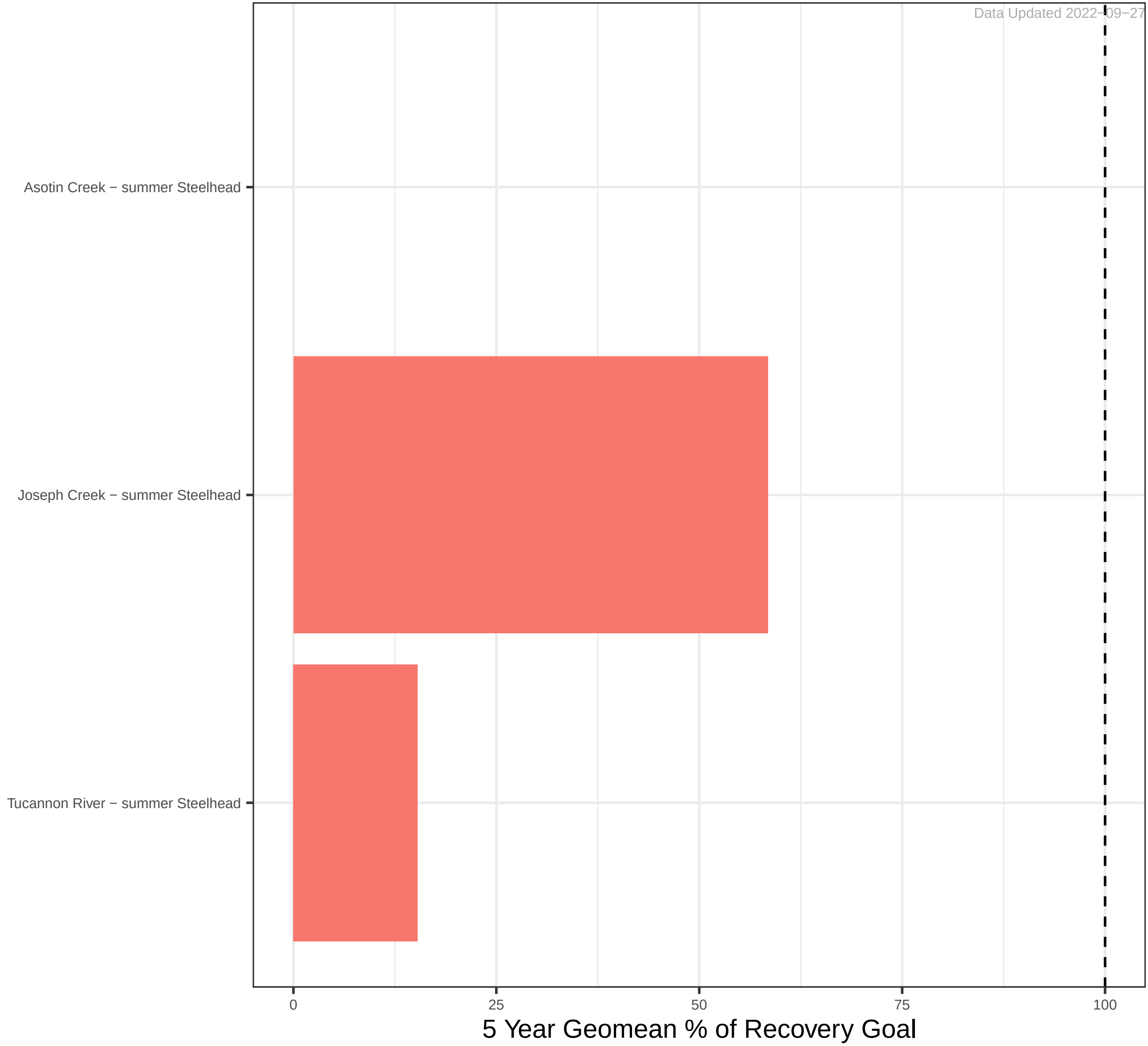
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Puget Sound Steelhead DPS



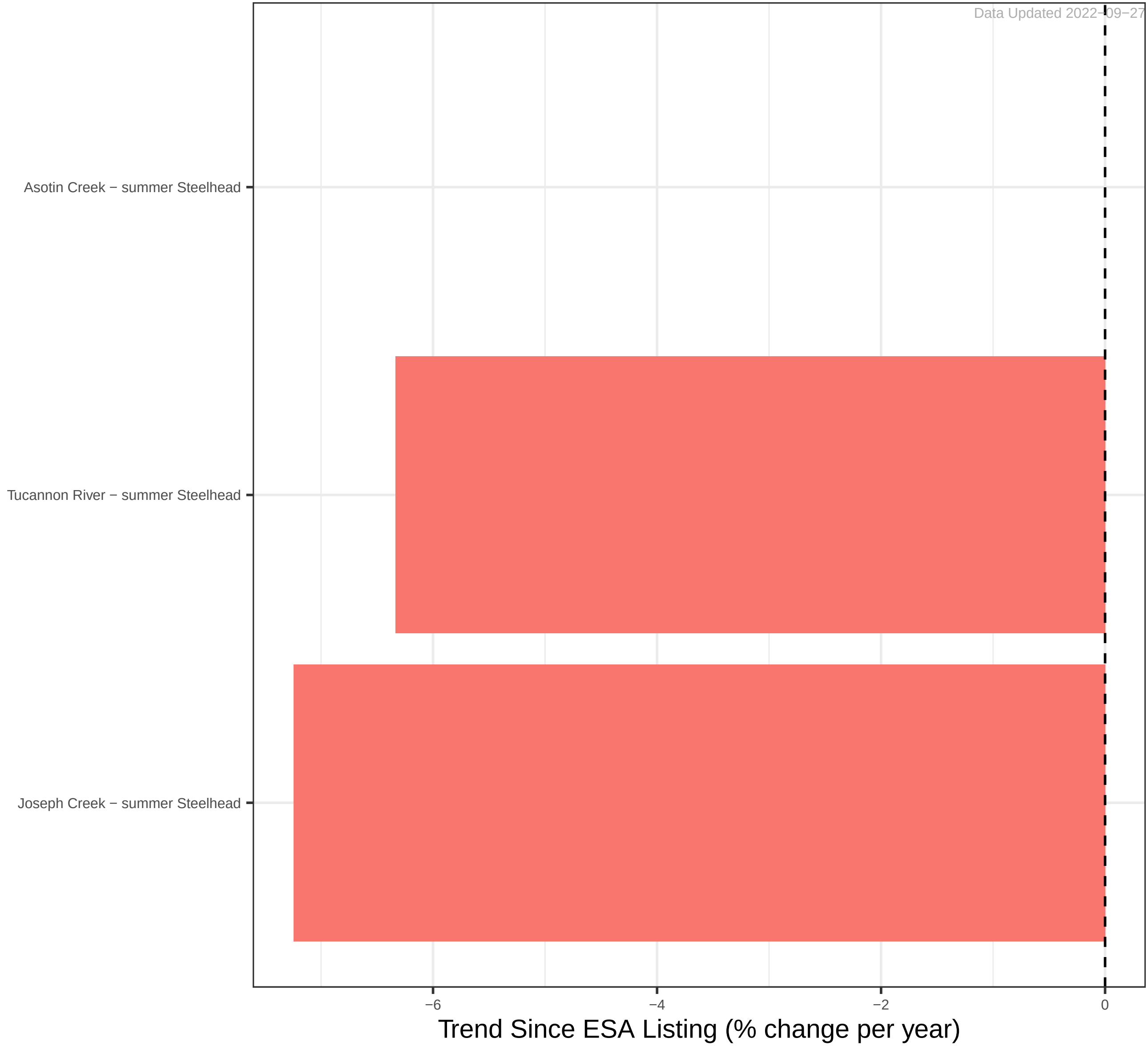
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.

Snake River Basin Steelhead DPS

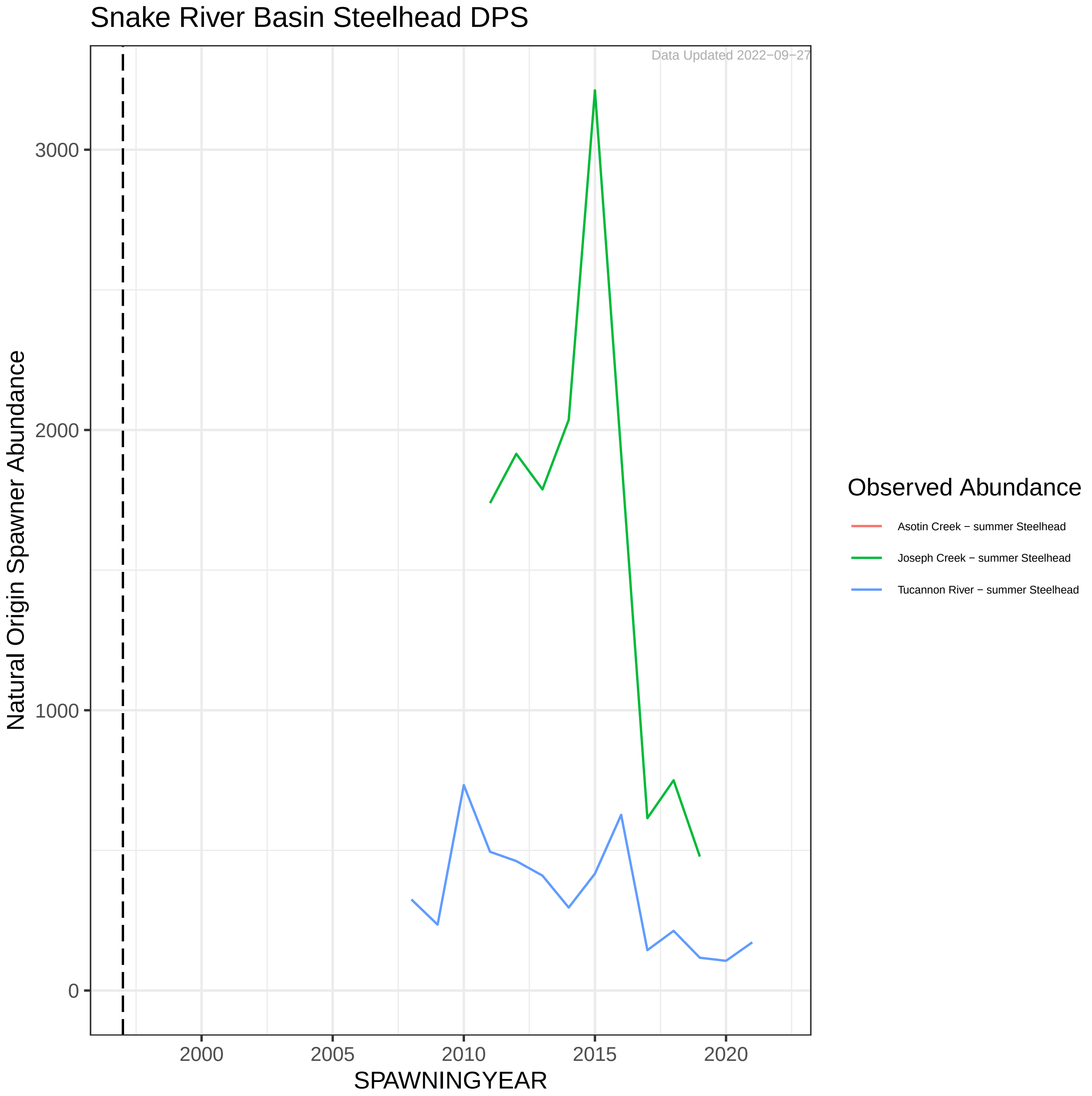


Caption: Five year (2015−2019) geomean smoothed abundance as a percentage of recovery goals. Populations with no bars had no usable data.

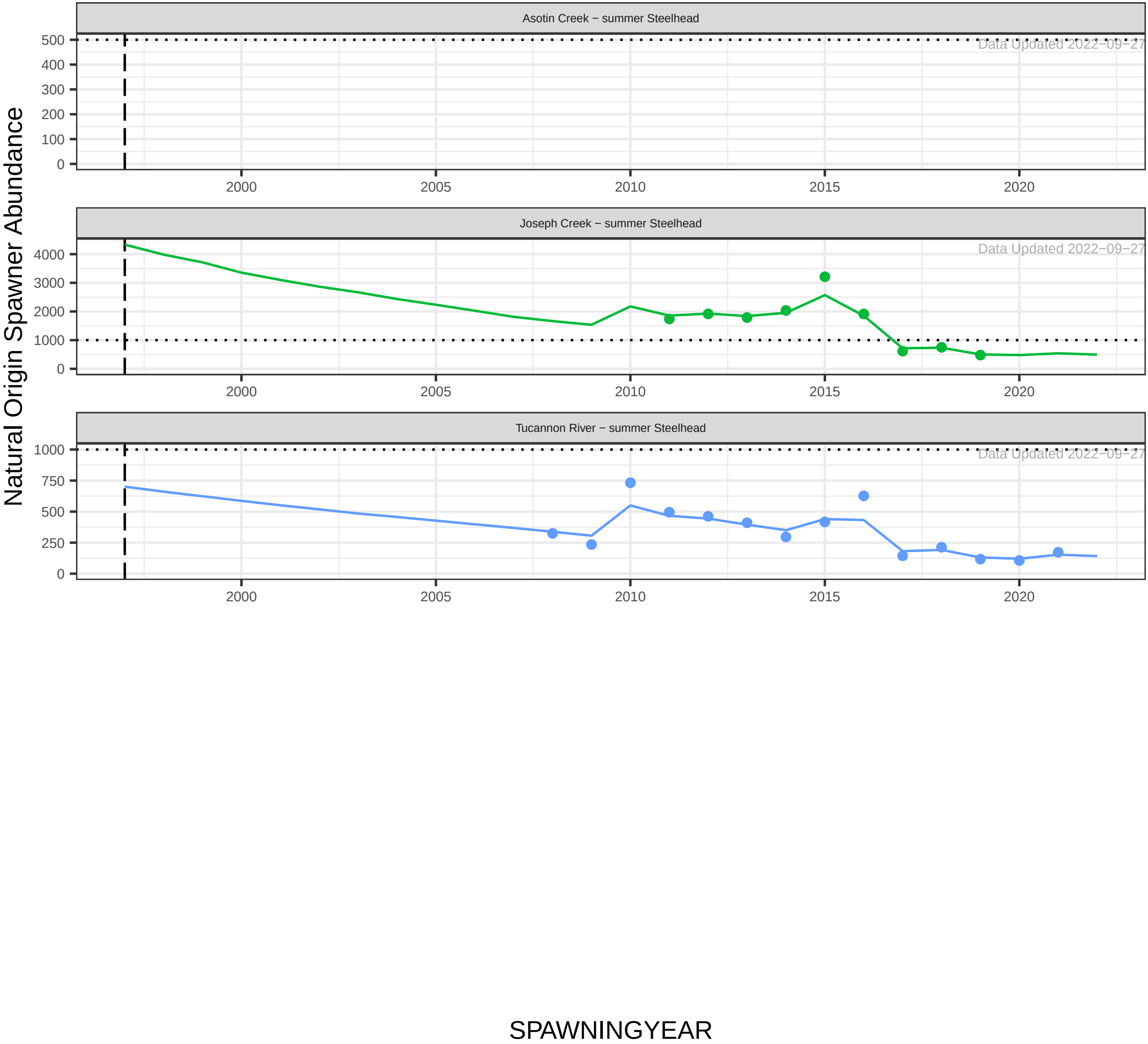
Snake River Basin Steelhead DPS



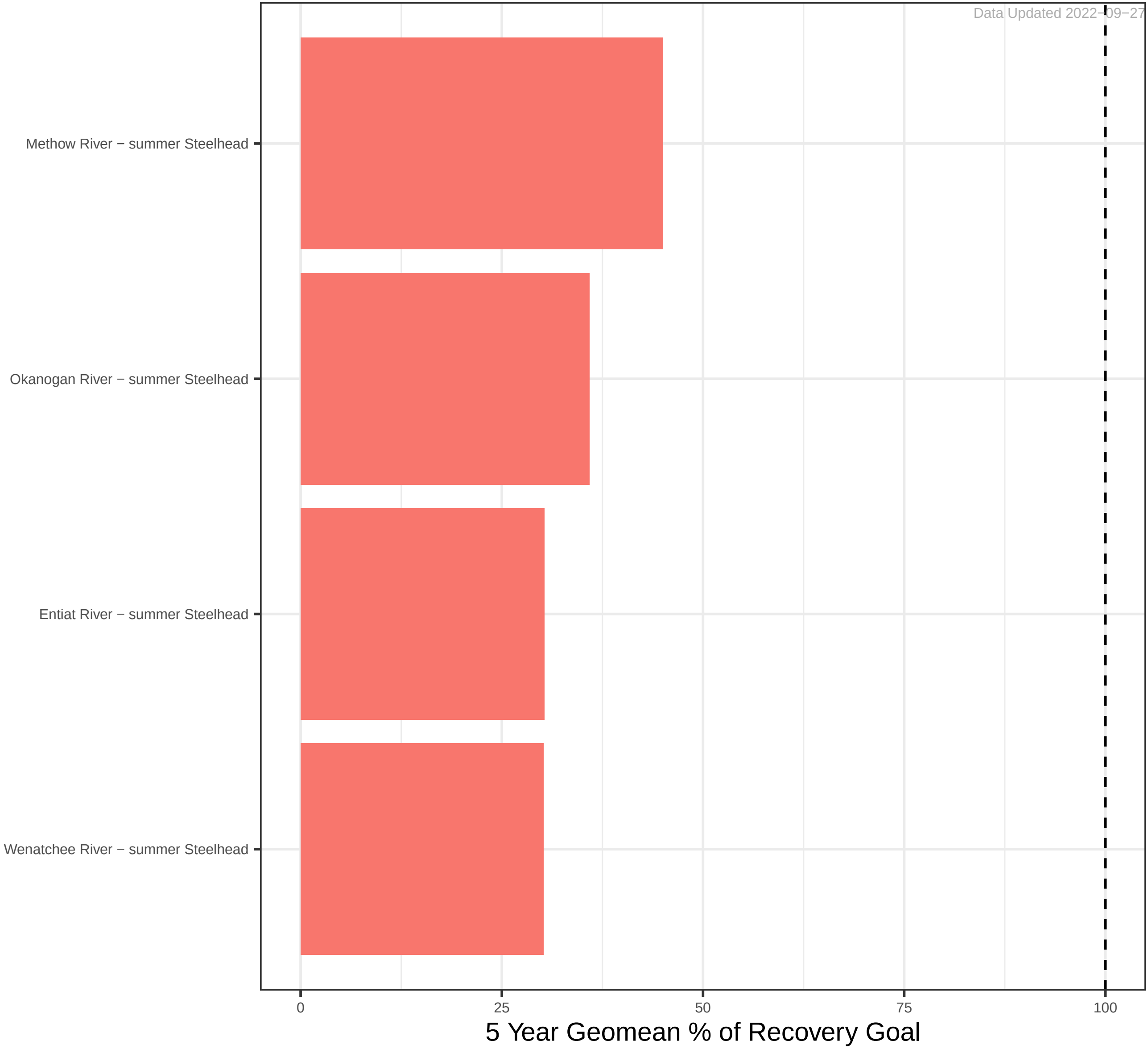
Caption: Trend since ESA−listing (percent change in abundance per year). Populations with no bars had no usable data.


Snake River Basin Steelhead DPS
Data Updated 2022−09−27
Natural Origin Spawner Abundance
3000
2000
1000
0
2000
2005
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
Asotin Creek − summer Steelhead
Joseph Creek − summer Steelhead
Tucannon River − summer Steelhead

Snake River Basin Steelhead DPS



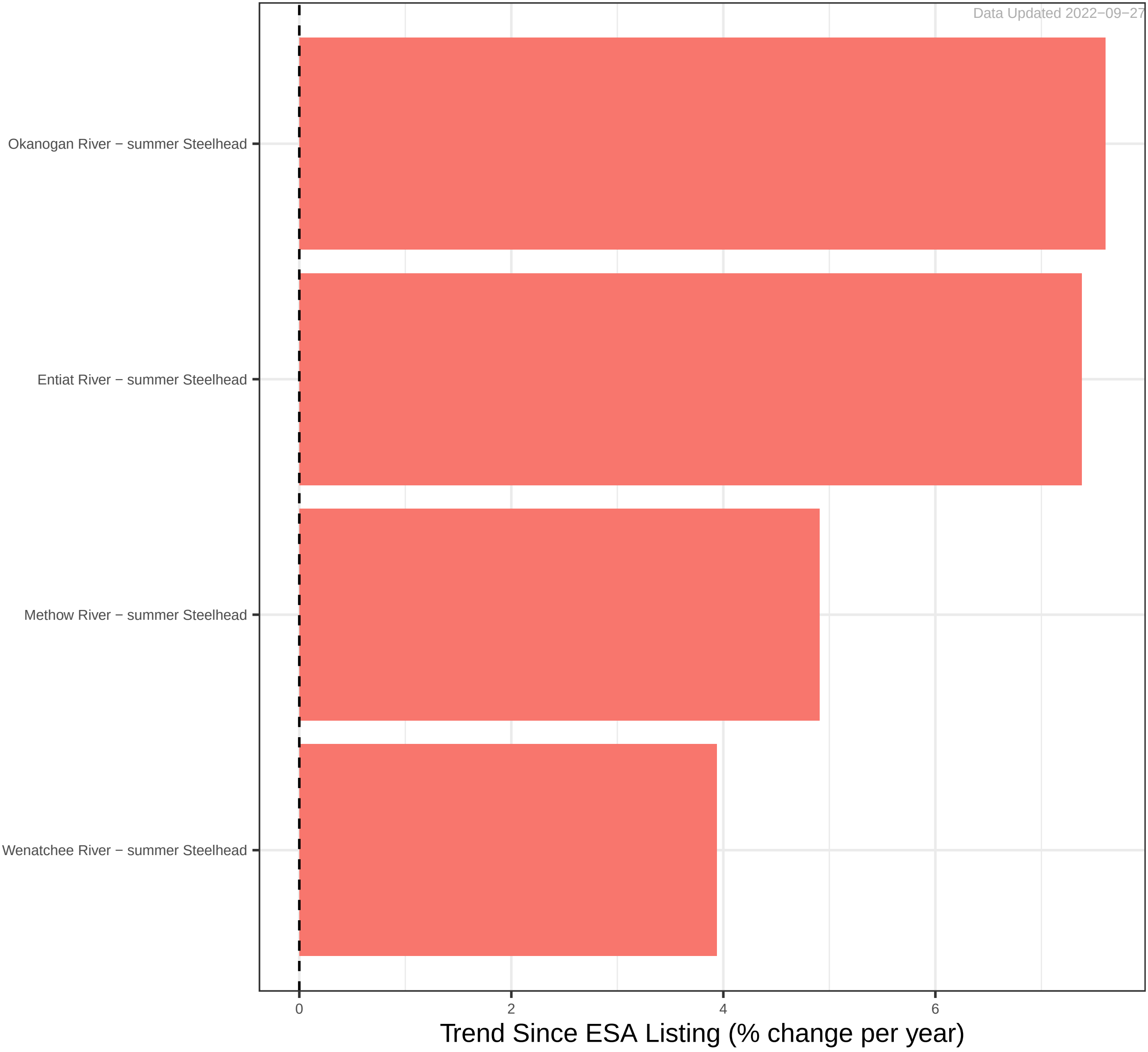
Caption: Observed (points) and smoothed (line) abundance since year of ESA−listing (vertical dashed line). Horizontal dotted line is recovery goal.



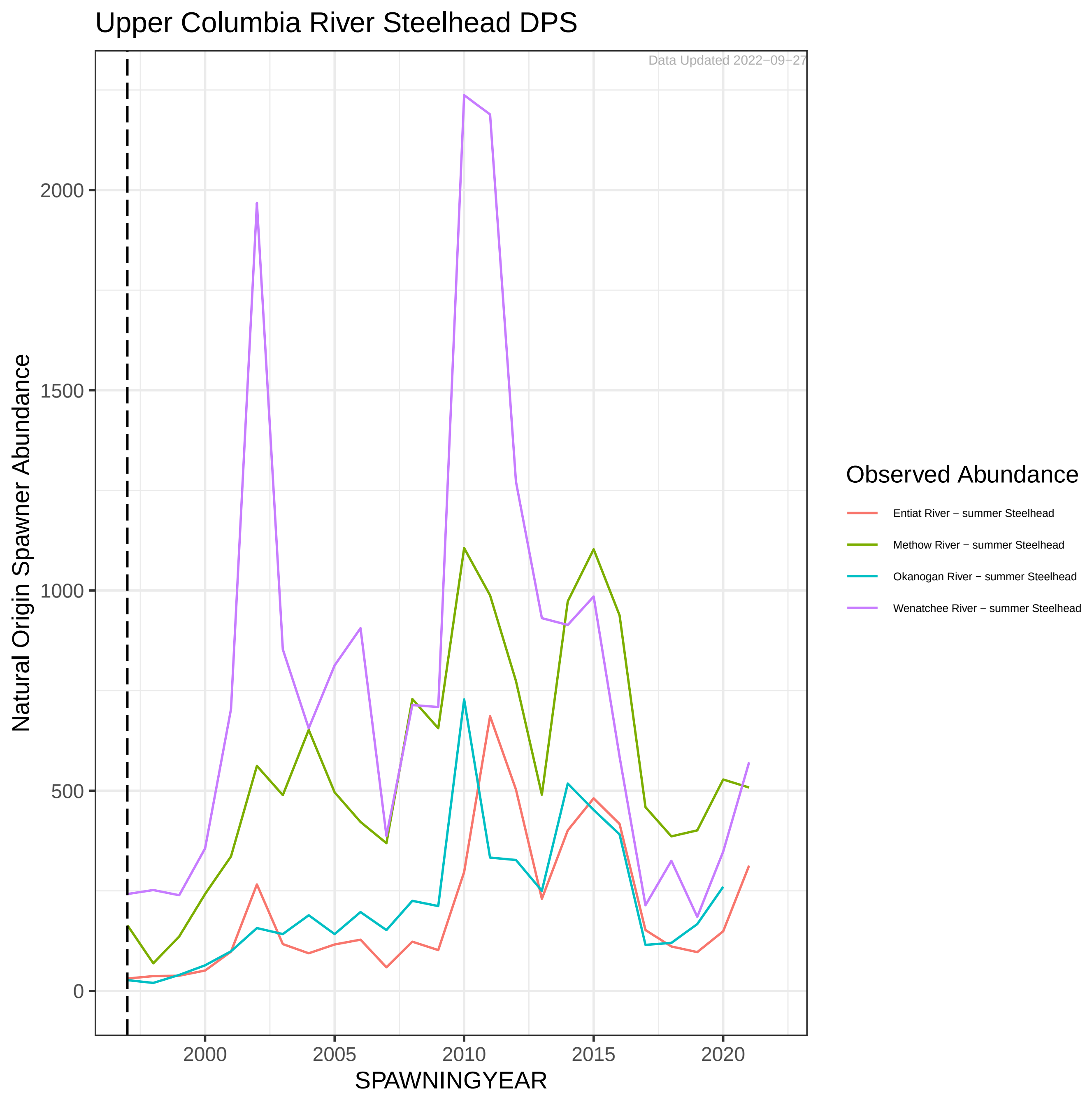
Upper Columbia River Steelhead DPS

Caption: Five year (2015−2019) geomean smoothed
abundance as a percentage of recovery goals.
Populations with no bars had no usable data.

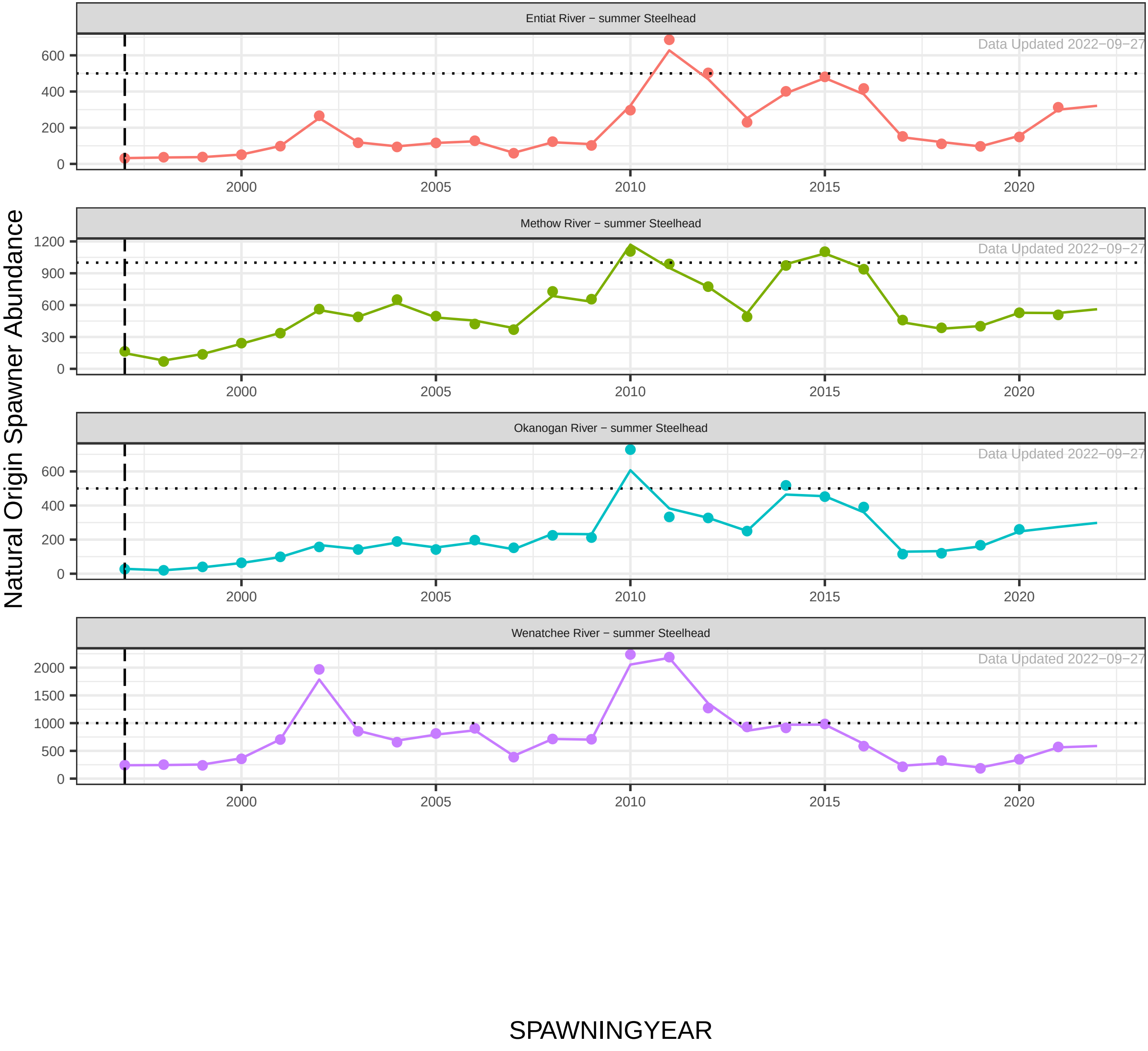
Upper Columbia River Steelhead DPS



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


Upper Columbia River Steelhead DPS
Data Updated 2022−09−27
Natural Origin Spawner Abundance
2000
1500
1000
500
0
2000
2005
2010
2015
2020
SPAWNINGYEAR
Observed Abundance
Entiat River − summer Steelhead
Methow River − summer Steelhead
Okanogan River − summer Steelhead
Wenatchee River − summer Steelhead

Upper Columbia River Steelhead DPS



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