

A close-up photograph of a gillnet, showing numerous bright orange, oval-shaped fish eggs attached to the fine, translucent mesh. The eggs are densely packed in some areas, while others are more isolated. The background is a soft, out-of-focus blue-grey, suggesting an underwater environment.

# 2024 Return & 2025 Forecast

Gillnet Taskforce Meeting – December 4th, 2024

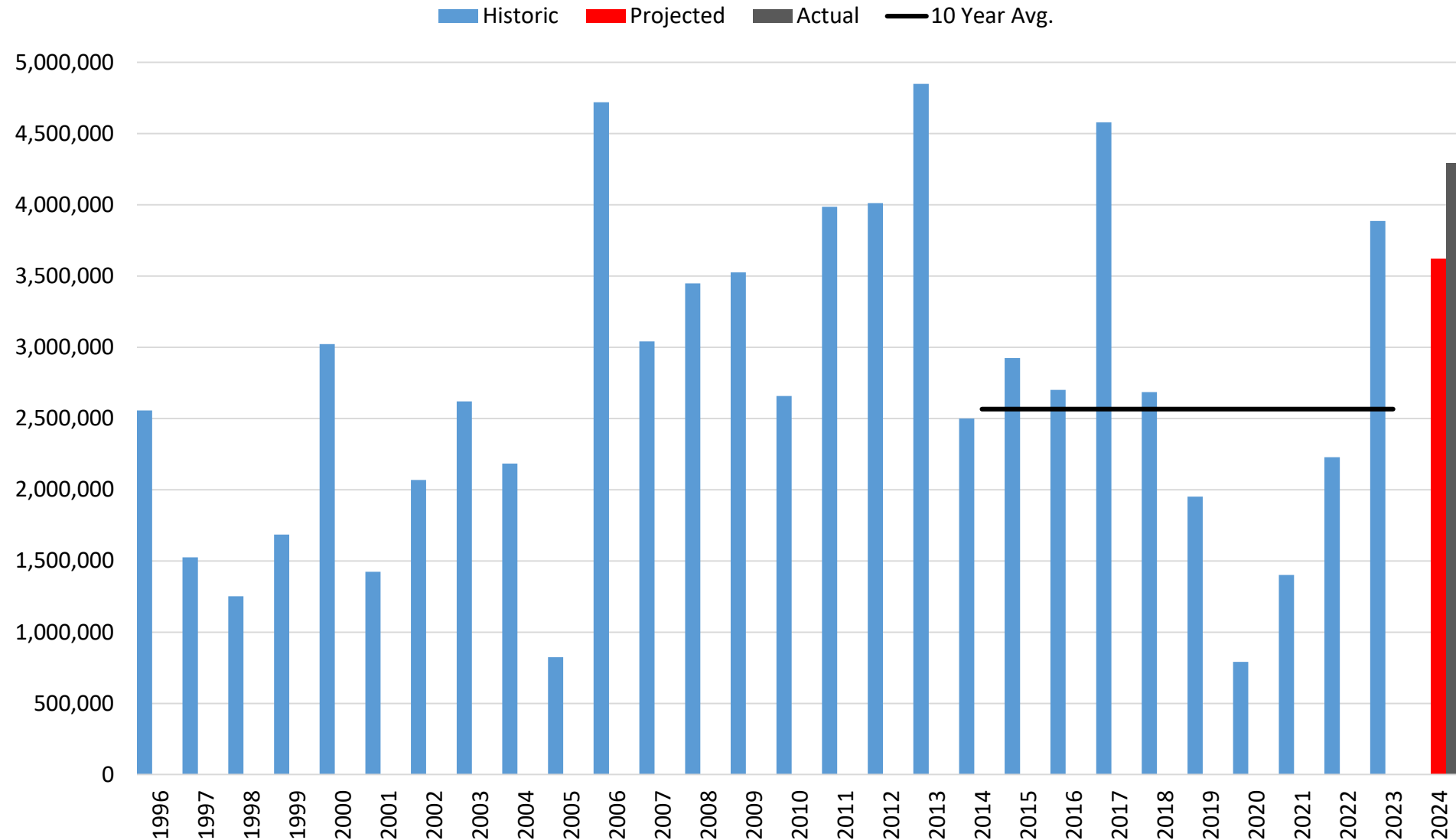
Steve Wiechmann

Research and Evaluation Manager

# 2024 Chum Return

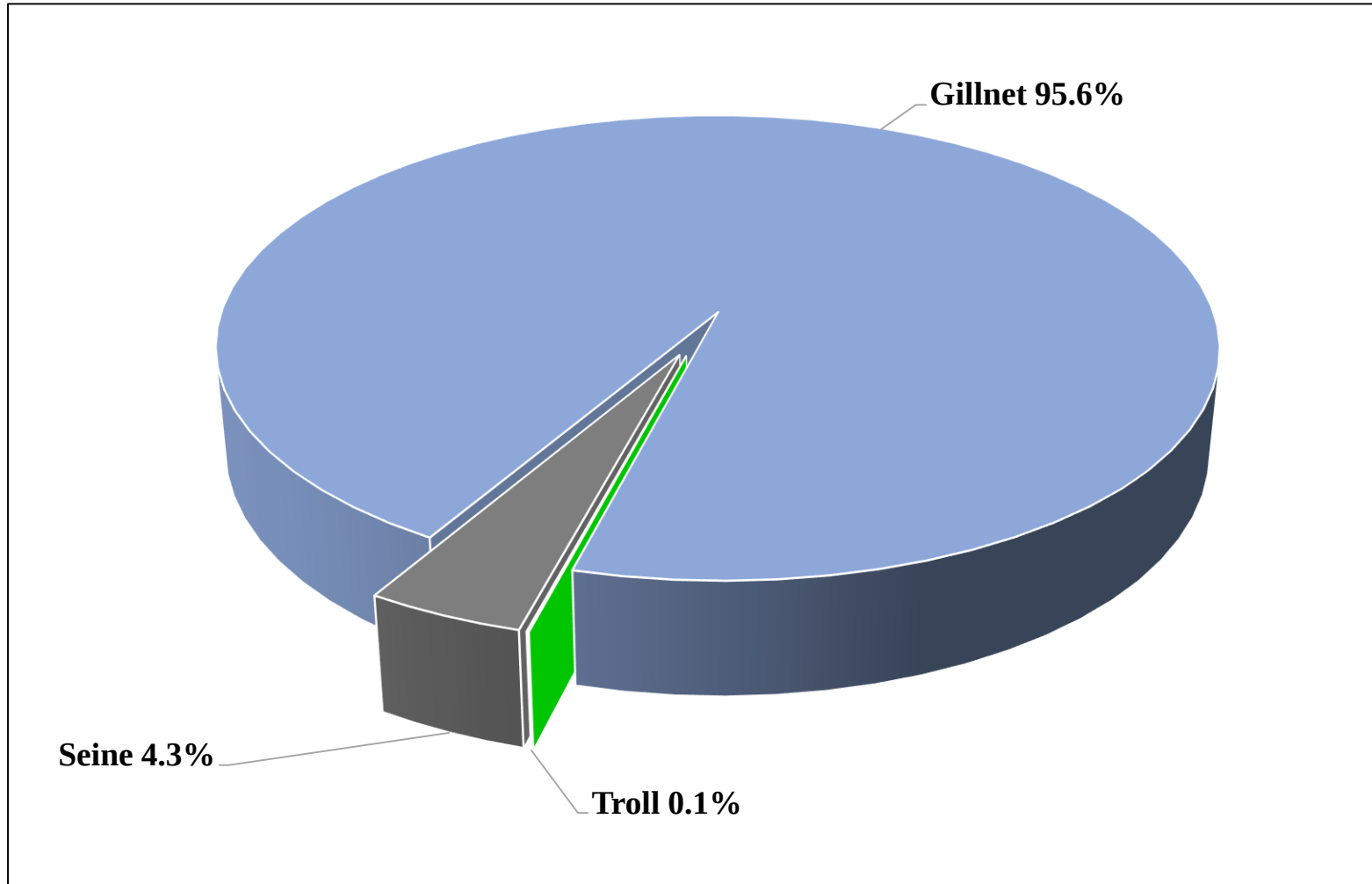
|                 | Age-3   | Age-4     | Age-5   | Age-6  | Total     |
|-----------------|---------|-----------|---------|--------|-----------|
| Actual:         | 480,300 | 3,162,000 | 633,300 | 14,300 | 4,290,000 |
| Projected:      | 146,500 | 2,479,000 | 977,400 | 18,900 | 3,622,000 |
| % of Projected: | 328%    | 128%      | 65%     | 77%    | 118%      |

# 2024 Chum Return: Actual vs. Projected Harvest



# 2024 Chum Contributions

## Gillnet, Seine, & Troll Harvest

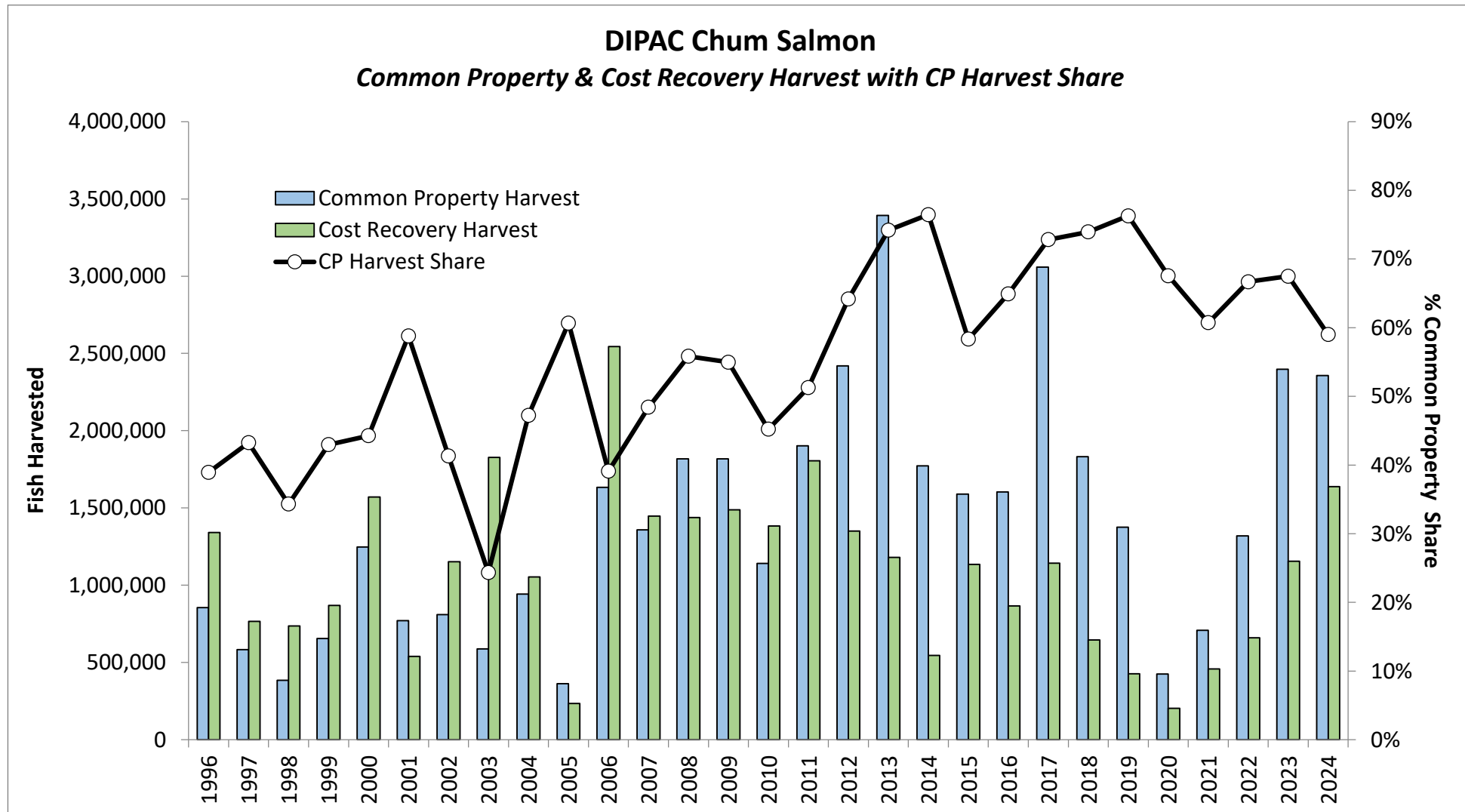


# 2024 Chum Return:

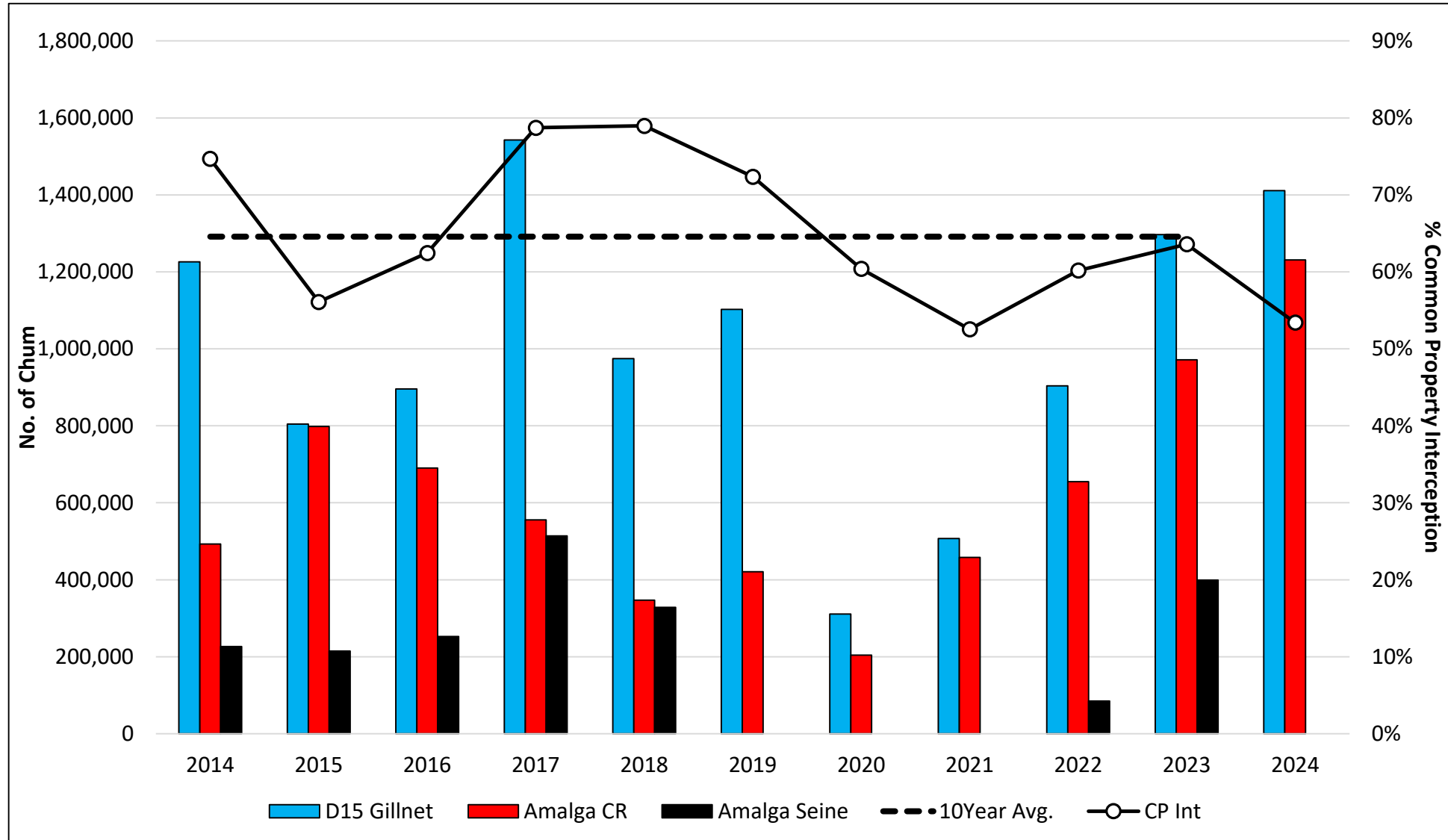
## Contribution, Cost Recovery, & Harvest Shares

|                   | Common Property Harvest               | DIPAC Contrib. | % DIPAC Contrib. | Cost Recovery | Total Harvest |
|-------------------|---------------------------------------|----------------|------------------|---------------|---------------|
| Lynn Canal GN     | 1,423,000                             | 1,411,000      | 99%              | 1,231,000     | 2,642,000     |
| Taku/Stephens GN  | 826,500                               | 818,200        | 99%              | 490,300       | 1,308,000     |
| Homeshore Troll   | 2,100                                 | 1,200          |                  |               | 1,200         |
| Amalga CP-Seine   | ----- No Common Property Opener ----- |                |                  |               |               |
| Other Seine       | 84,000                                | 56,300         |                  |               | 56,300        |
| Misc. SEAK        | 65,400                                | 65,400         |                  |               | 65,400        |
| Sport             |                                       | 5000           |                  |               | 5000          |
| Broodstock & Esc. |                                       |                |                  |               | 211,900       |
| Total             | 2,393,000                             | 2,357,000      |                  | 1,721,000     | 4,290,000     |
| Harvest Shares    |                                       | 58%            |                  | 42%           |               |

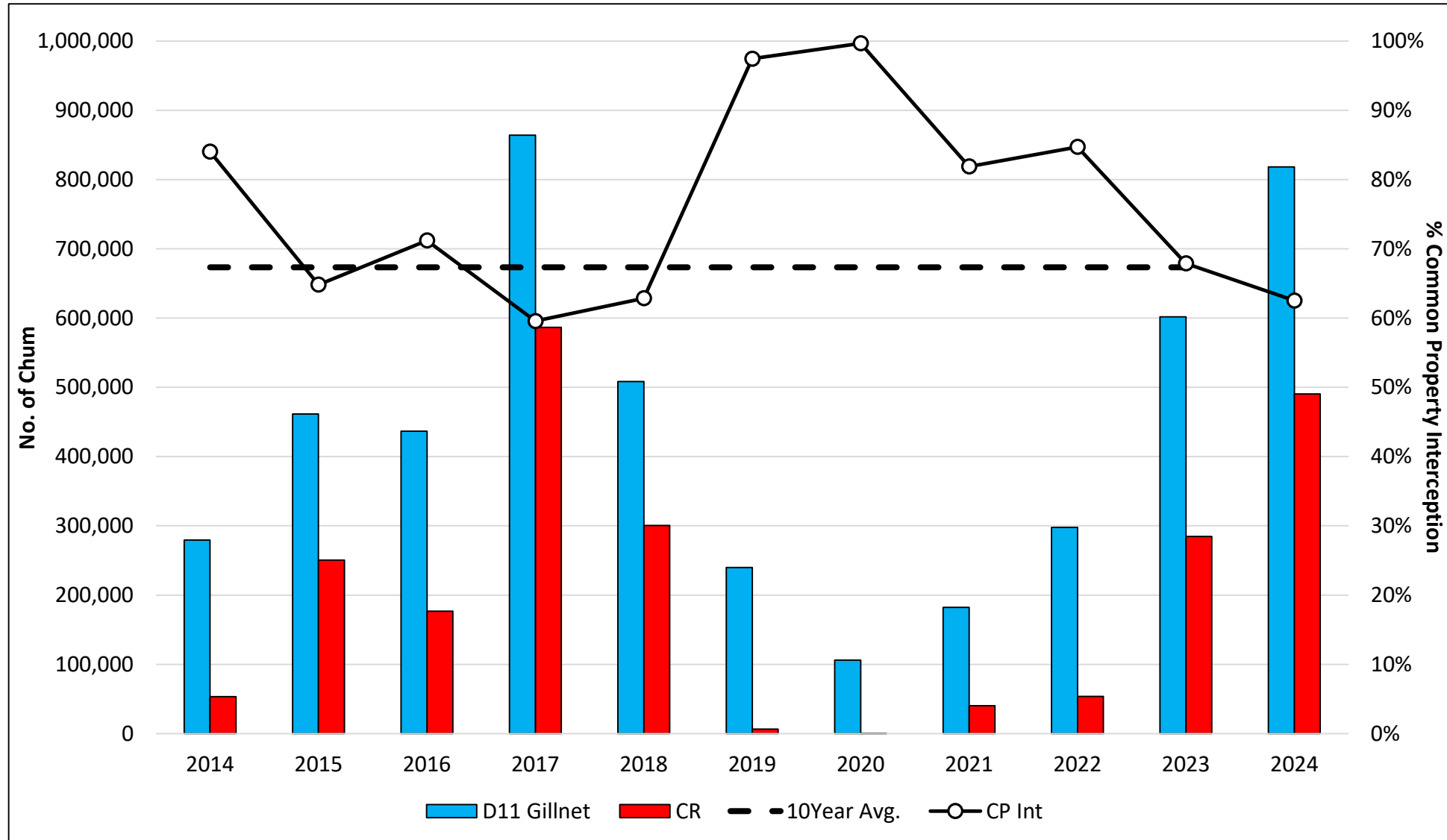
# DIPAC Chum Harvest: Cost Recovery, Common Property, & Harvest Shares



# District 115 Chum Contribution: Gillnet & Amalga SHA Seine



# District 111 Chum Contribution: Gillnet & Cost Recovery



# 2024 Chum Return: Cost Recovery Summary

|                   | Fish      | Pounds     |
|-------------------|-----------|------------|
| Amalga Harbor     | 1,231,000 | 7,430,000  |
| Gastineau Channel | 407,100   | 2,456,000  |
| Macauley Hatchery | 83,200    | 410,100    |
| Total             | 1,721,000 | 10,296,000 |

# Chum Marine Survival

| Broodyear       | Age 3        | Age 4        | Age 5        | Age 6        | Total        |
|-----------------|--------------|--------------|--------------|--------------|--------------|
| 2017            | 0.17%        | 1.17%        | 0.56%        | 0.00%        | 1.91%        |
| 2018            | 0.05%        | 1.39%        | 0.82%        | 0.01%        | 2.28%        |
| 2019            | 0.17%        | 2.61%        | 0.59%        |              | 3.37%        |
| 2020            | 0.20%        | 2.69%        |              |              | 2.89%        |
| 2021            | 0.41%        |              |              |              | 0.41%        |
| <b>Historic</b> | <b>0.09%</b> | <b>1.70%</b> | <b>0.71%</b> | <b>0.03%</b> | <b>2.52%</b> |

# Sockeye

# 2024 Sockeye Return: Totals by Age

|                 | Age-4  | Age-5  | Total   |
|-----------------|--------|--------|---------|
| Actual:         | 72,100 | 23,700 | 95,800  |
| Projected:      | 56,100 | 73,500 | 129,600 |
| % of Projected: | 128%   | 32%    | 74%     |

# 2024 Sockeye Return

|                 | Common<br>Property | Cost Recovery | Broodstock | Total   |
|-----------------|--------------------|---------------|------------|---------|
| Actual:         | 33,900             | 54,600        | 6,800      | 95,800  |
| Projected:      | 61,700             | 61,100        | 6,800      | 129,600 |
| % of Projected: | 56%                | 89%           | 101%       | 74%     |

# 2024 Sockeye Return:

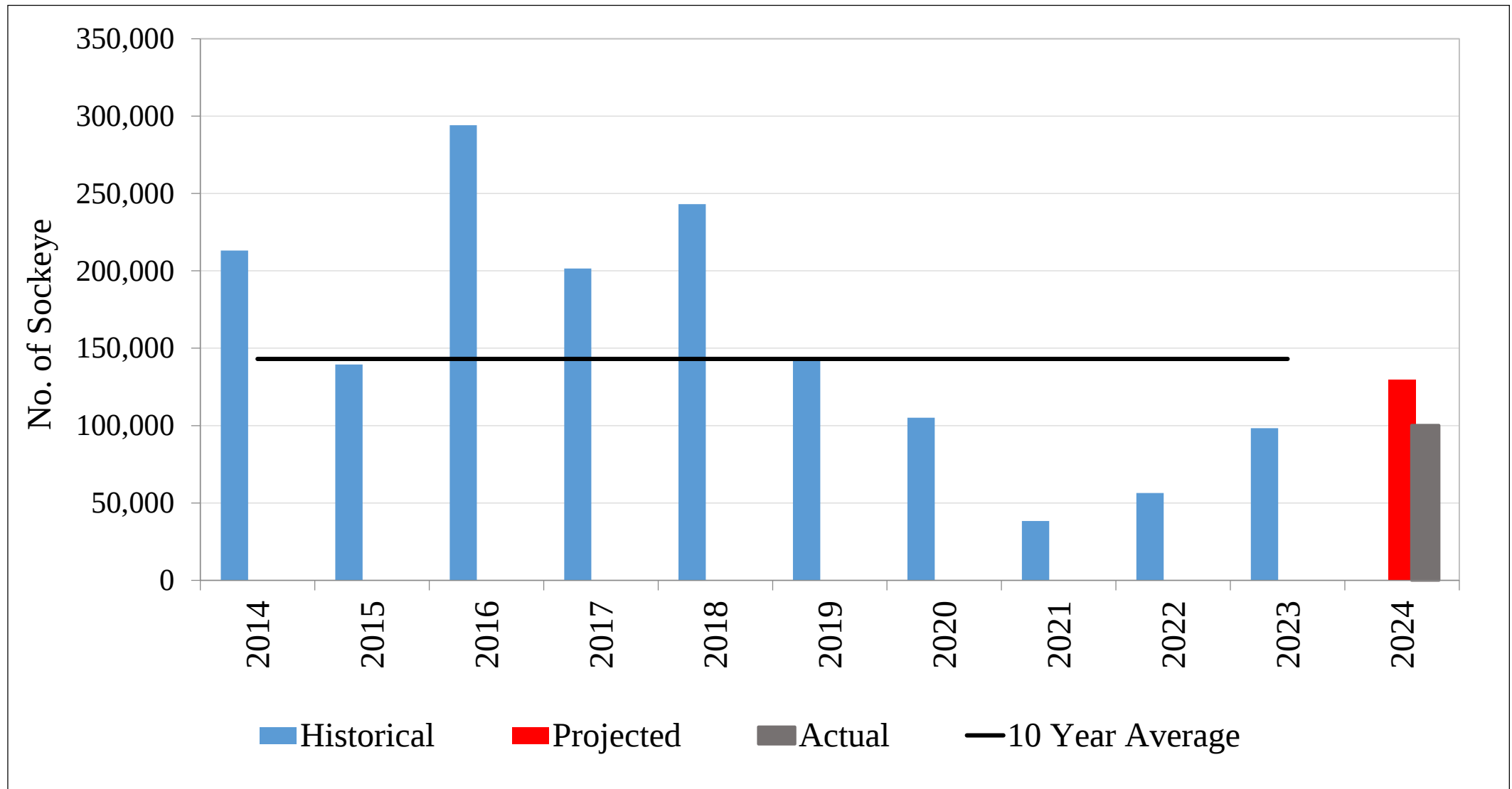
## Contribution, Cost Recovery, & Harvest Shares

|                     | CP Harvest     | DIPAC Contribution | % DIPAC Contribution | Total Harvest |
|---------------------|----------------|--------------------|----------------------|---------------|
| District 11 Gillnet | 101,000        | 32,500             | 32%                  |               |
| Other Gillnet       | 91,300         | 1200               | 1%                   |               |
| Seine               |                | 170                |                      |               |
| Cost Recovery       |                |                    |                      | 54,600        |
| Broodstock          |                |                    |                      | 6,800         |
| <b>Totals</b>       | <b>193,400</b> | <b>33,900</b>      | <b>18%</b>           | <b>54,600</b> |
| Harvest Shares      |                | 38%                |                      | 62%           |

# Sockeye Marine Survival

| Broodyear | Age 3 | Age 4 | Age 5 | Total |
|-----------|-------|-------|-------|-------|
| 2017      | 0.11% | 1.26% | 1.57% | 2.94% |
| 2018      | 0.01% | 0.64% | 0.24% | 0.88% |
| 2019      | 0.01% | 0.78% | 0.27% | 1.06% |
| 2020      | 0.10% | 0.95% |       | 1.05% |
| 2021      | 0.00% |       |       | 0.00% |

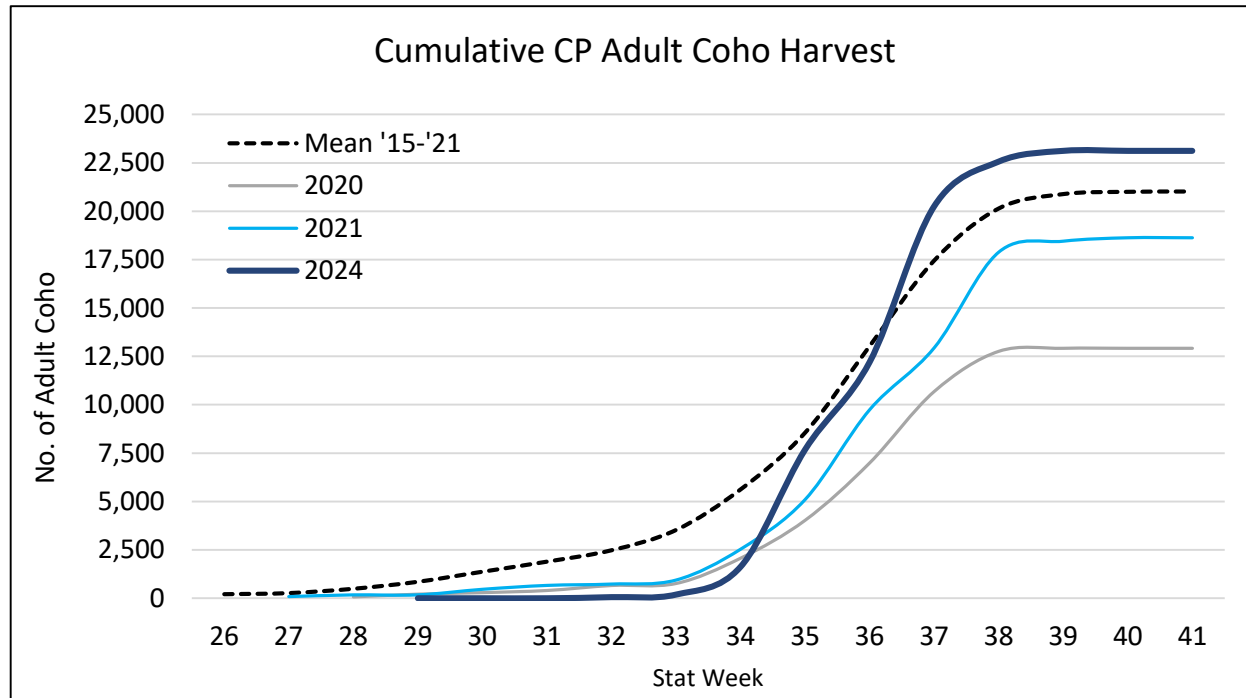
# 2024 Sockeye Return: Actual vs. Projected Return



# Coho

# Coho Returns

| Troll | Gillnet | Seine | Marine Sport | Gastineau Shoreline | Cost Recovery | Brood & Donations | Total  | % Marine Survival |
|-------|---------|-------|--------------|---------------------|---------------|-------------------|--------|-------------------|
| 4,000 | 18,200  | 0     | 930          | 10,000              | 18,700        | 1,000             | 53,000 | 3.9%              |
|       |         |       |              |                     |               | 2024 Forecast     | 46,400 | 3.8%              |
|       |         |       |              |                     |               | % of Forecast     | 114%   |                   |



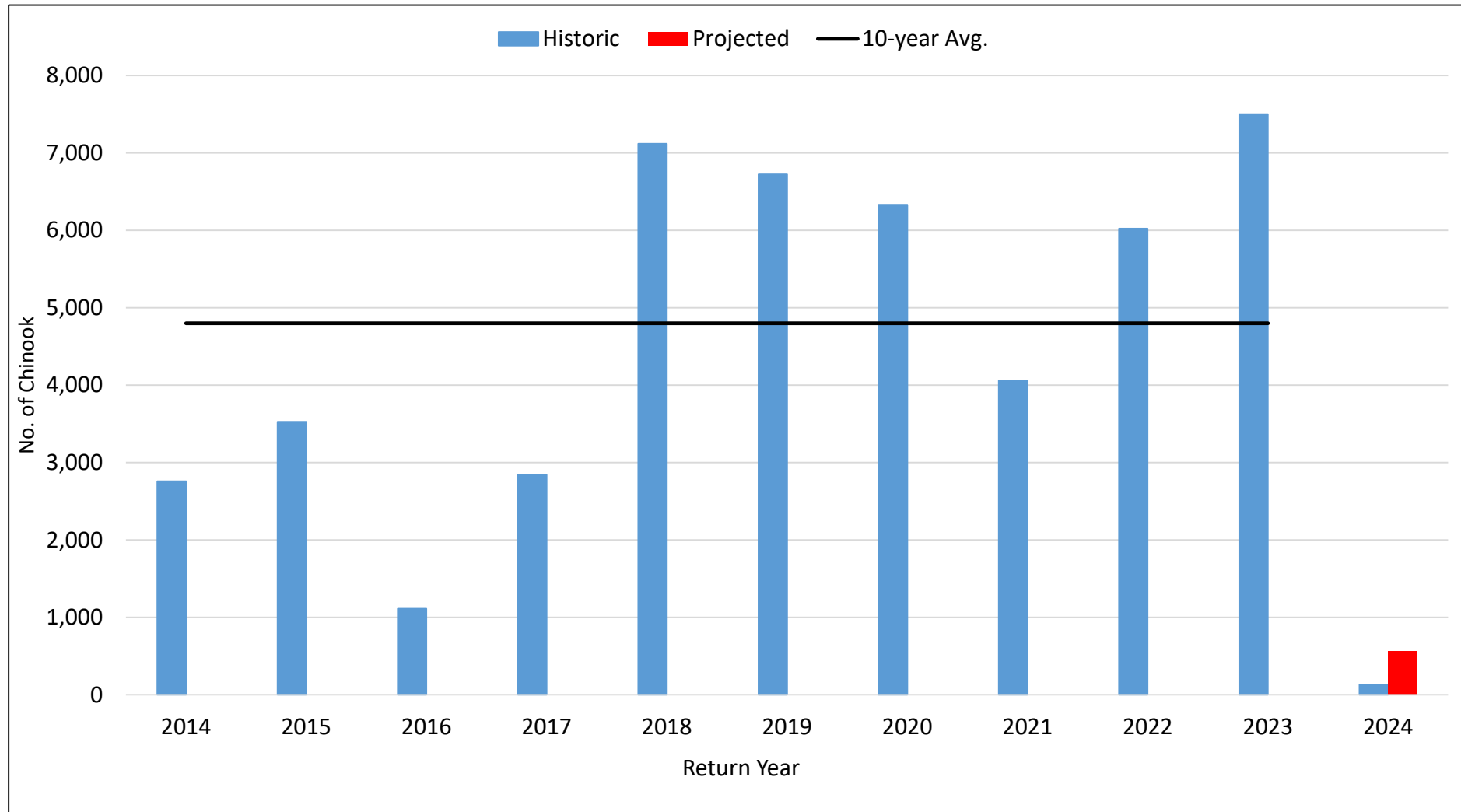
\*2022 & 2023 returns not included due to those broodyears being affected by the AEL&P pipeline disaster.

# Chinook

# 2024 Chinook Return

| Juneau Program (large adults age 5 – 7) |                 |              |                                |                     |            |
|-----------------------------------------|-----------------|--------------|--------------------------------|---------------------|------------|
| Troll                                   | Gillnet & Seine | Marine Sport | Sport:<br>Freshwater/Shoreline | Rack, CR, & Escape. | Total      |
| <b>0</b>                                | <b>0</b>        | <b>0</b>     | <b>60</b>                      | <b>70</b>           | <b>130</b> |
|                                         |                 |              |                                | 2024 Forecast       | <b>560</b> |
|                                         |                 |              |                                | % of Forecast       | <b>23%</b> |

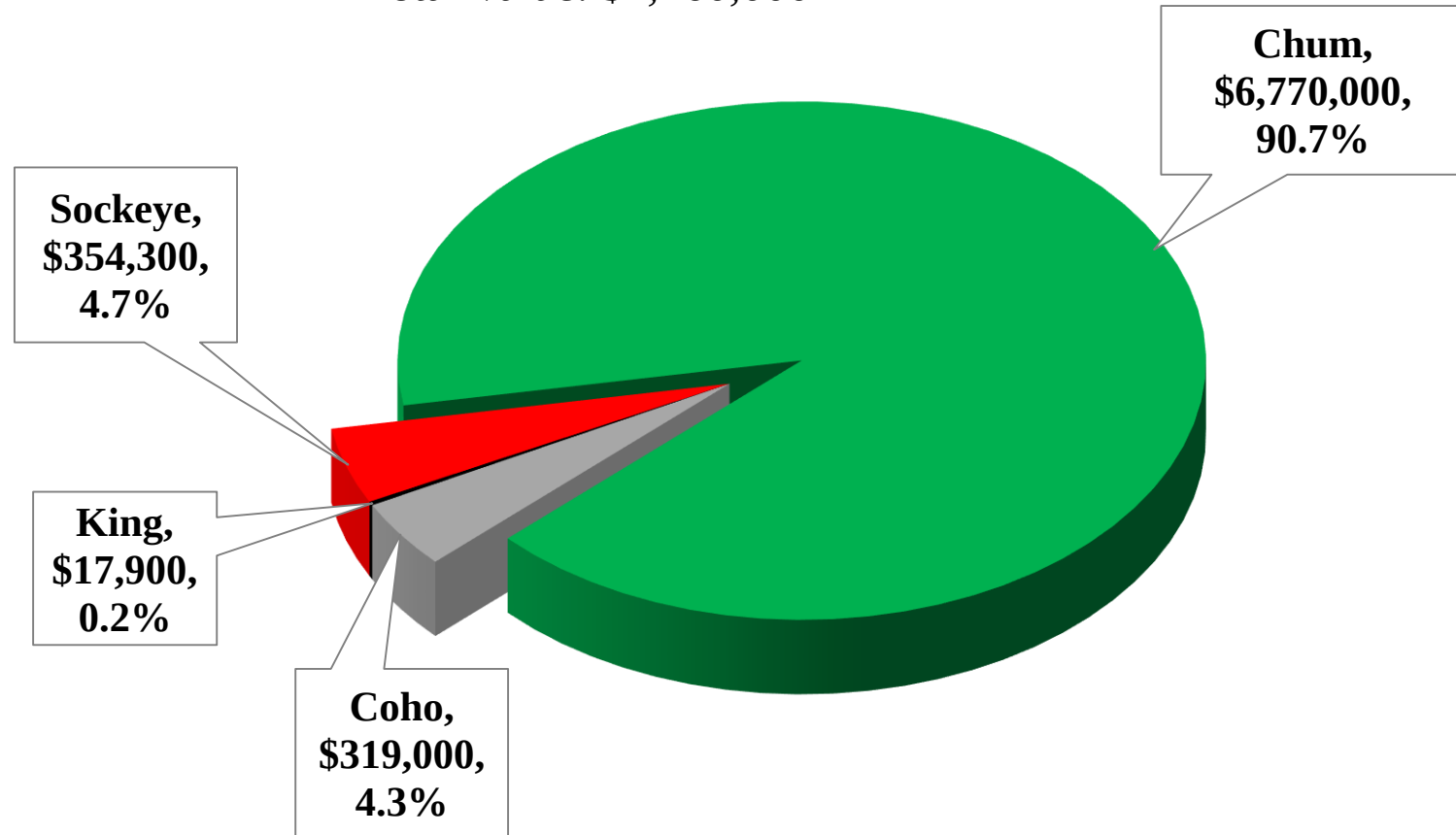
# 2024 Chinook Return: Actual vs. Projected Return



# Estimated Value (\$) Contributions

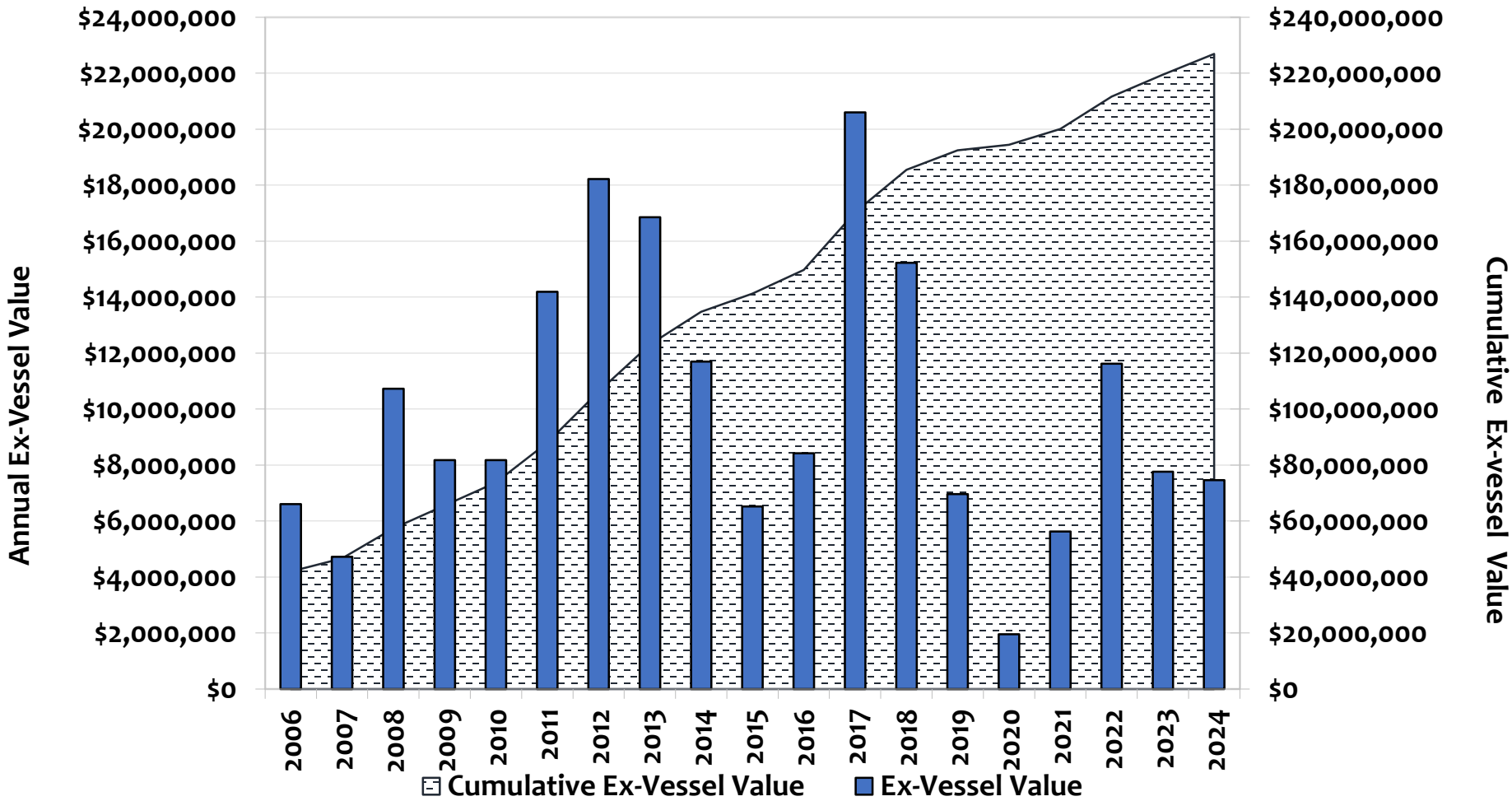
# 2024 Contributions

2024 Ex-Vessel Values  
From DIPAC Salmon Enhancement Projects  
Total Value: \$7,460,000



# DIPAC Salmon Contributions

Cumulative Ex-Vessel Value: \$226,911,000



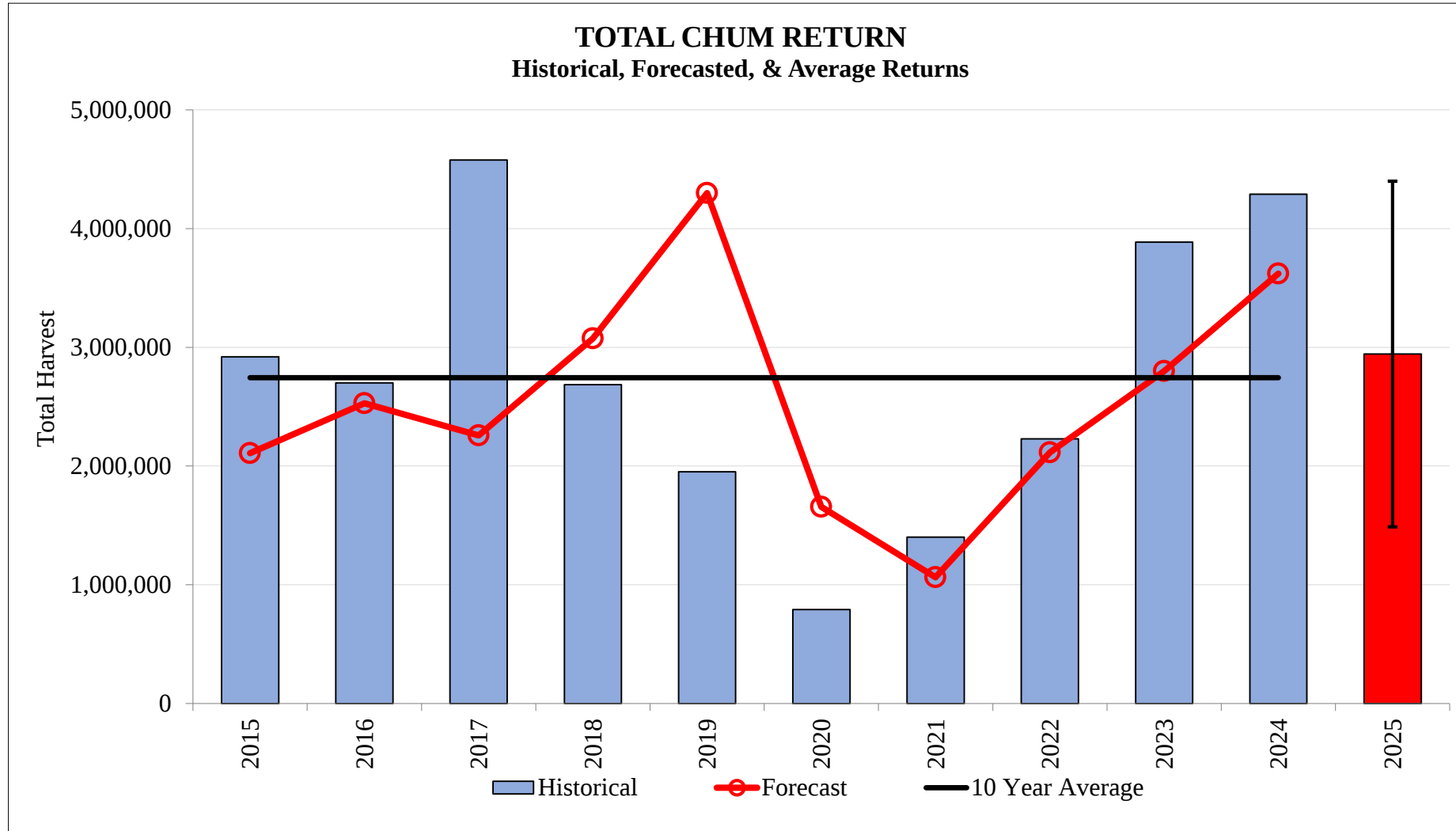
# 2025 Forecast

# 2025 Preliminary Chum Forecast

|                       | Low End   | Mid Point | High End  | Common Property | Cost Recovery | Brood   |
|-----------------------|-----------|-----------|-----------|-----------------|---------------|---------|
| Taku/Stephens         | 444,700   | 1,012,000 | 1,579,000 | 555,000         | 257,000       | 200,000 |
| Lynn Canal/<br>Amalga | 1,043,000 | 1,932,000 | 2,820,000 | 1,338,000       | 593,600       |         |
| Total                 | 1,488,000 | 2,944,000 | 4,400,000 | 1,893,000       | 850,500       |         |

# 2025 Chum Forecast

## Historical & Projected Returns



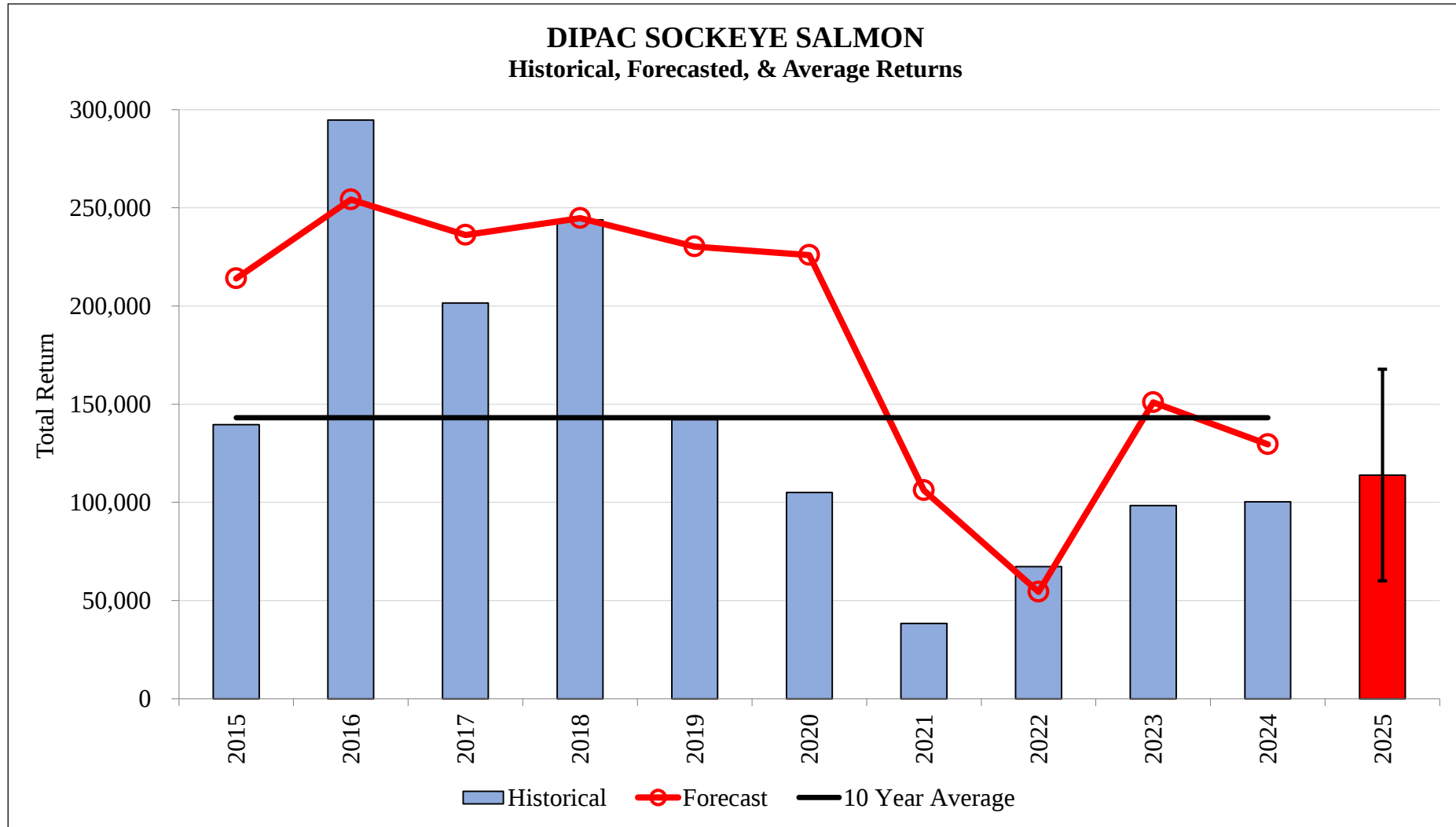
# 2025 Sockeye Forecast

|       | Low End | Mid Point | High End |
|-------|---------|-----------|----------|
| Age 5 | 22,800  | 51,700    | 80,700   |
| Age 4 | 37,200  | 62,100    | 87,100   |
| Total | 60,000  | 113,900   | 167,800  |

| Harvest Share Goal |        | Average Harvest Shares |        |
|--------------------|--------|------------------------|--------|
| 70% CP:            | 75,000 | 50% CP:                | 53,500 |
| 30% CR:            | 32,100 | 50% CR:                | 53,500 |
| Broodstock:        | 6,800  | Broodstock:            | 6,800  |

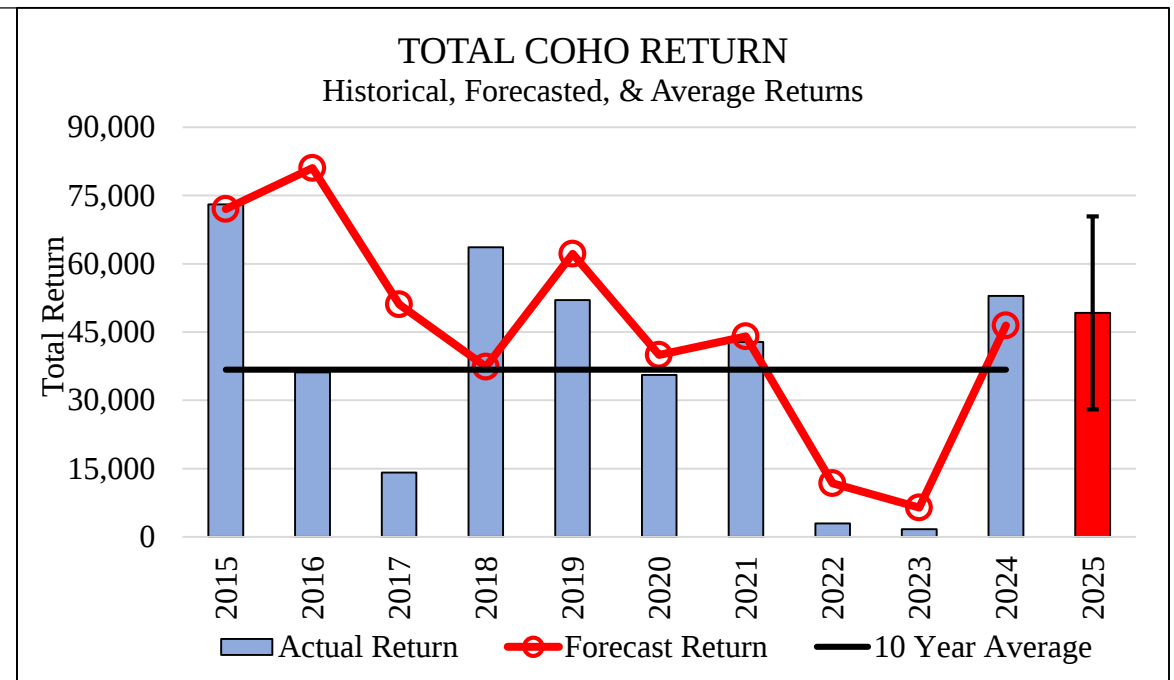
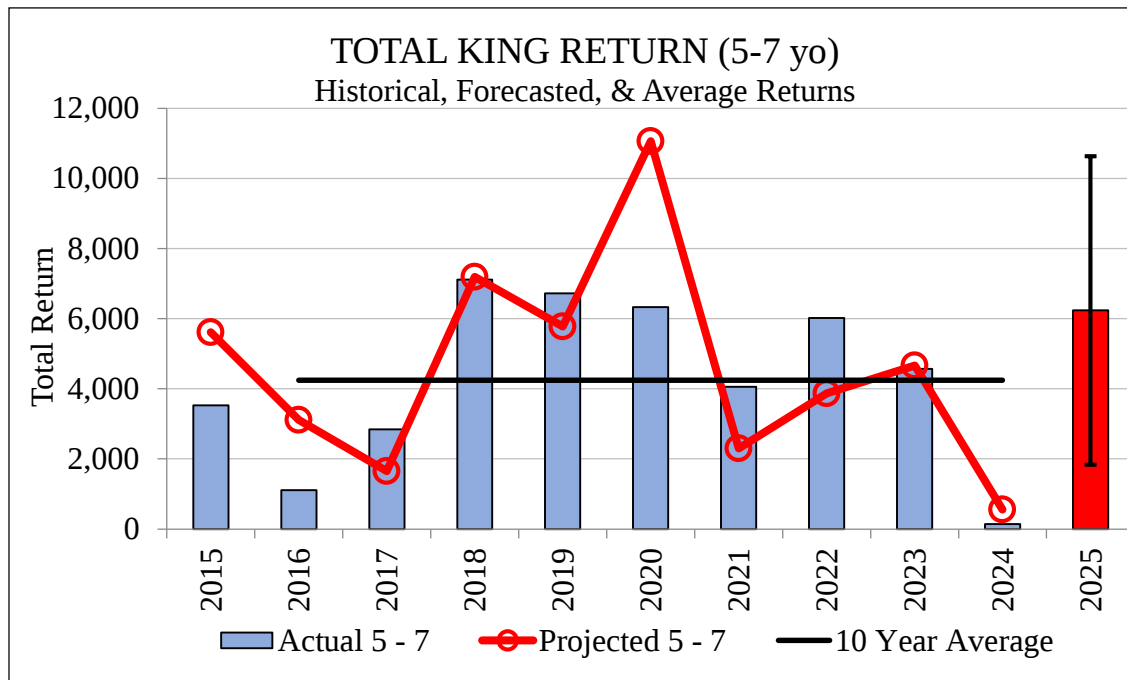
# 2025 Sockeye Forecast

## Historical & Projected Returns



# 2025 Chinook & Coho Forecast

| Species                          | Number Returning |
|----------------------------------|------------------|
| Chinook (large adults, ages 5-7) | 6,200            |
| Coho                             | 49,200           |





Thank You, Questions?