



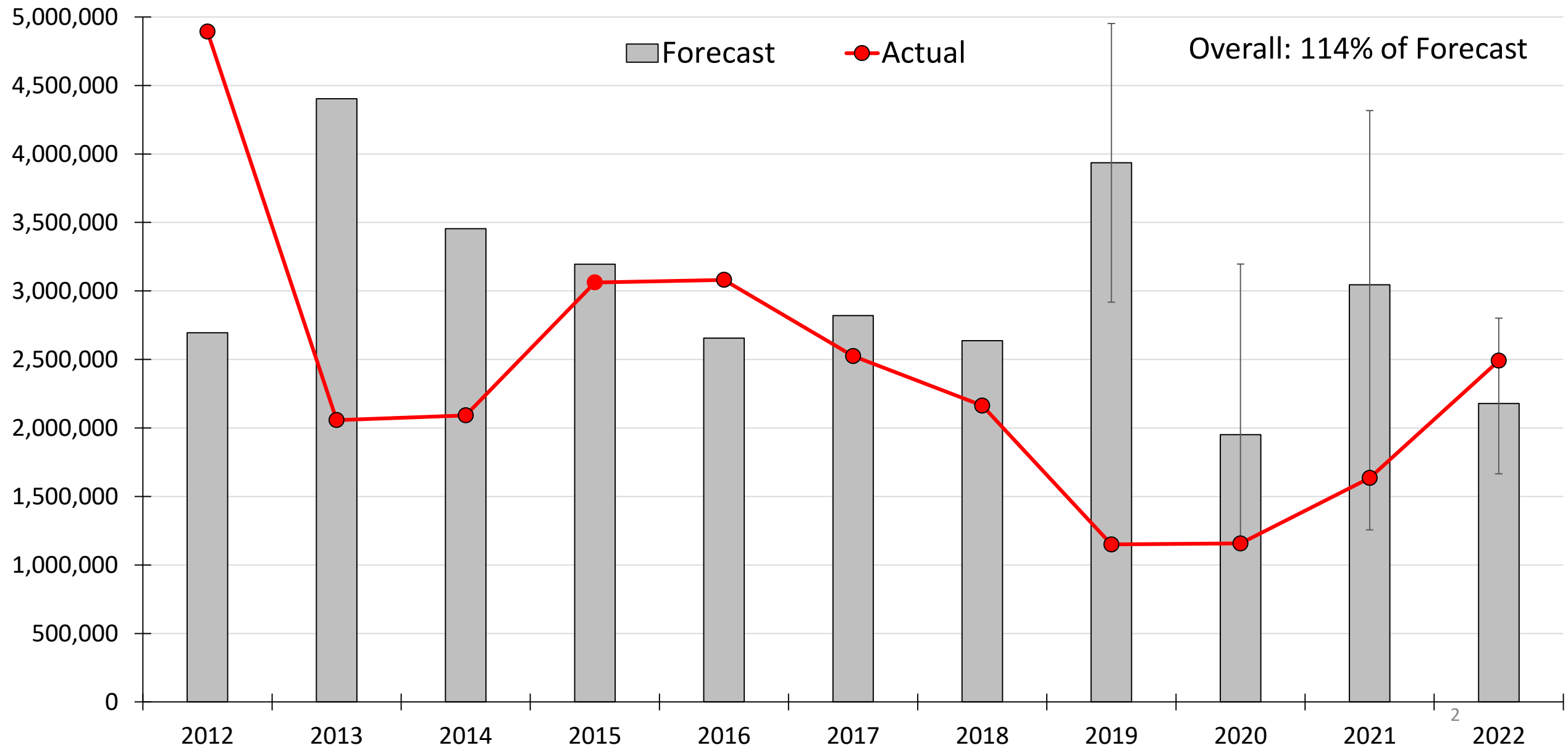
2022 Seine Task Force Meeting

Tessa Frost

tfrost@ssraa.org

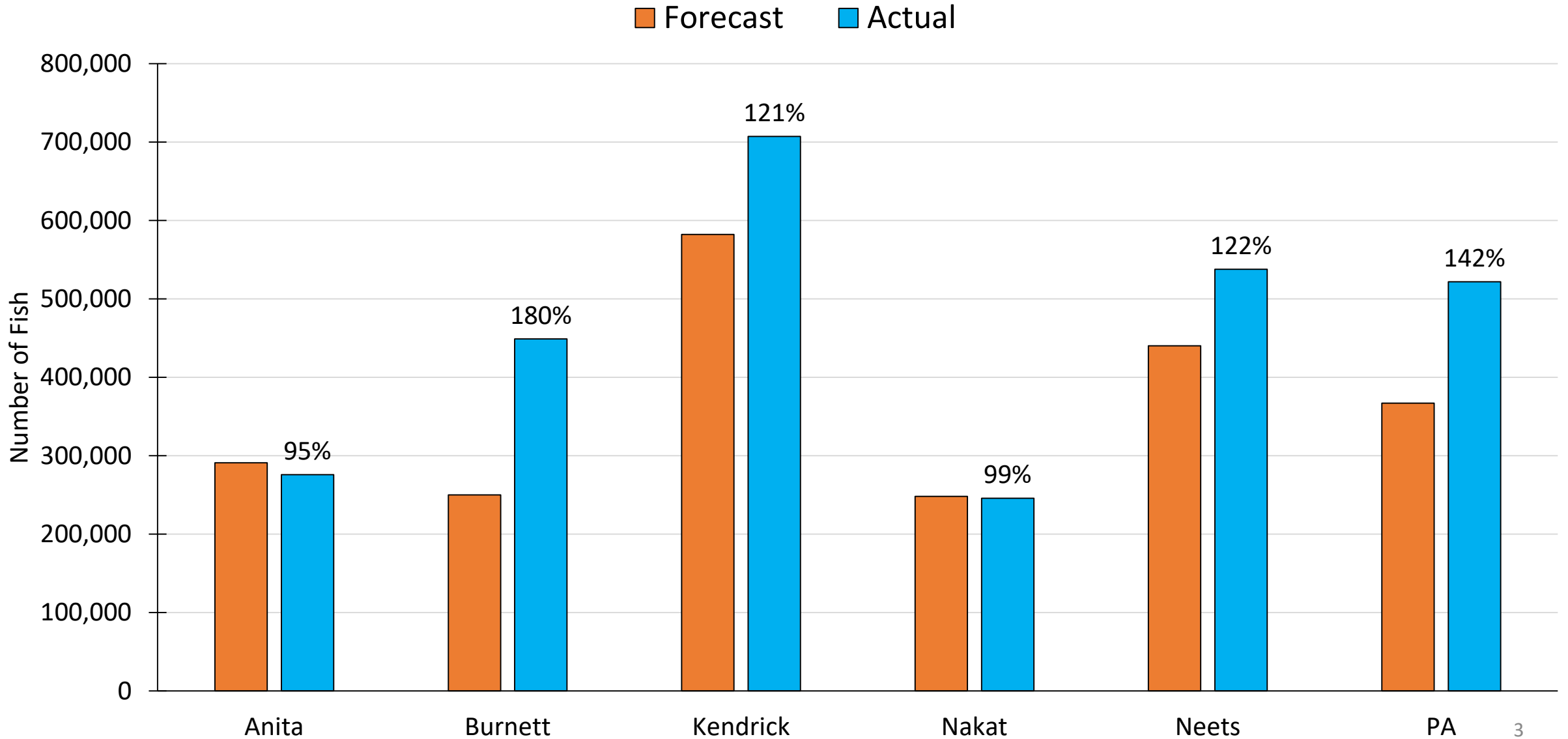


2022 Summer Chum: Forecast vs. Actual



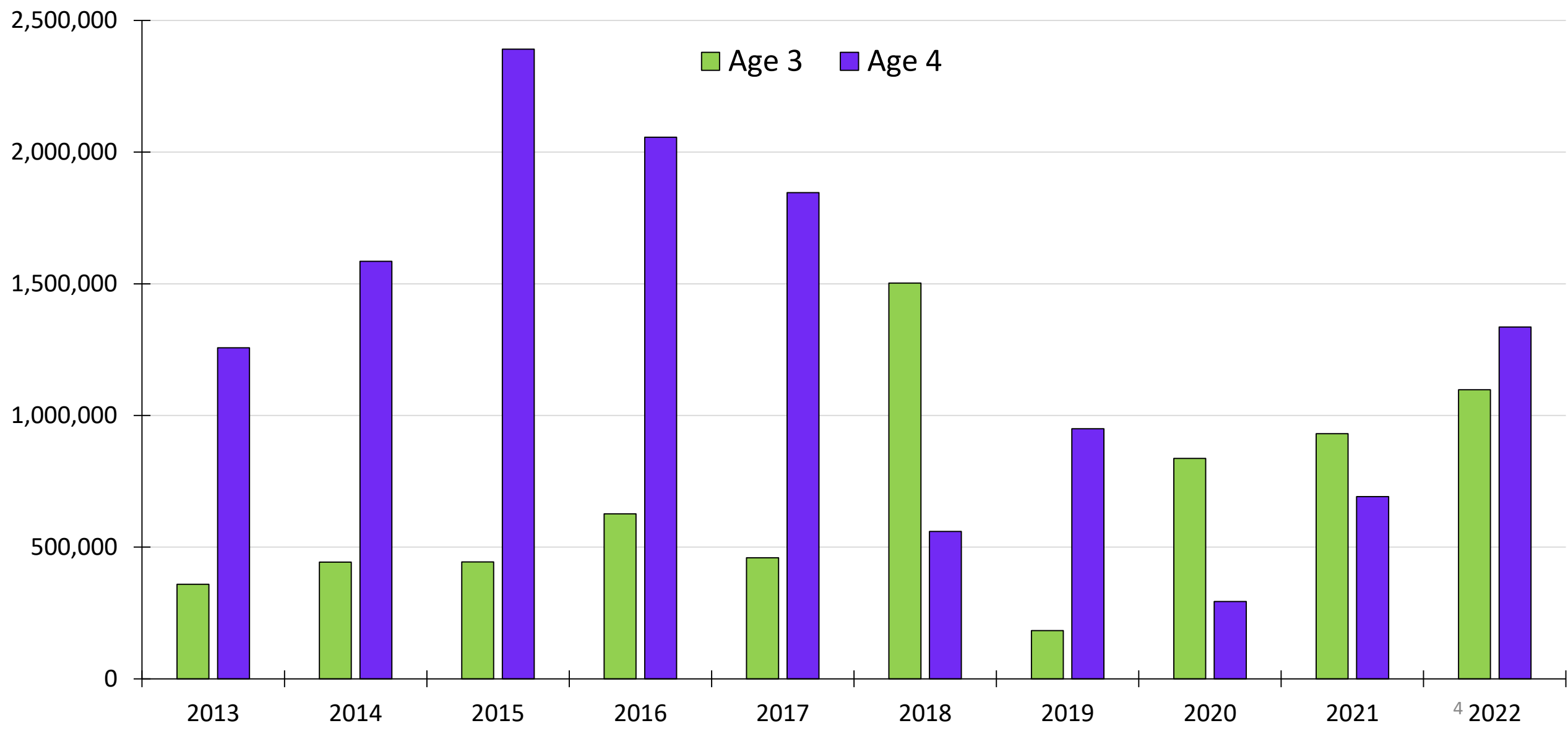


2022 Summer Chum: Forecast vs. Actual



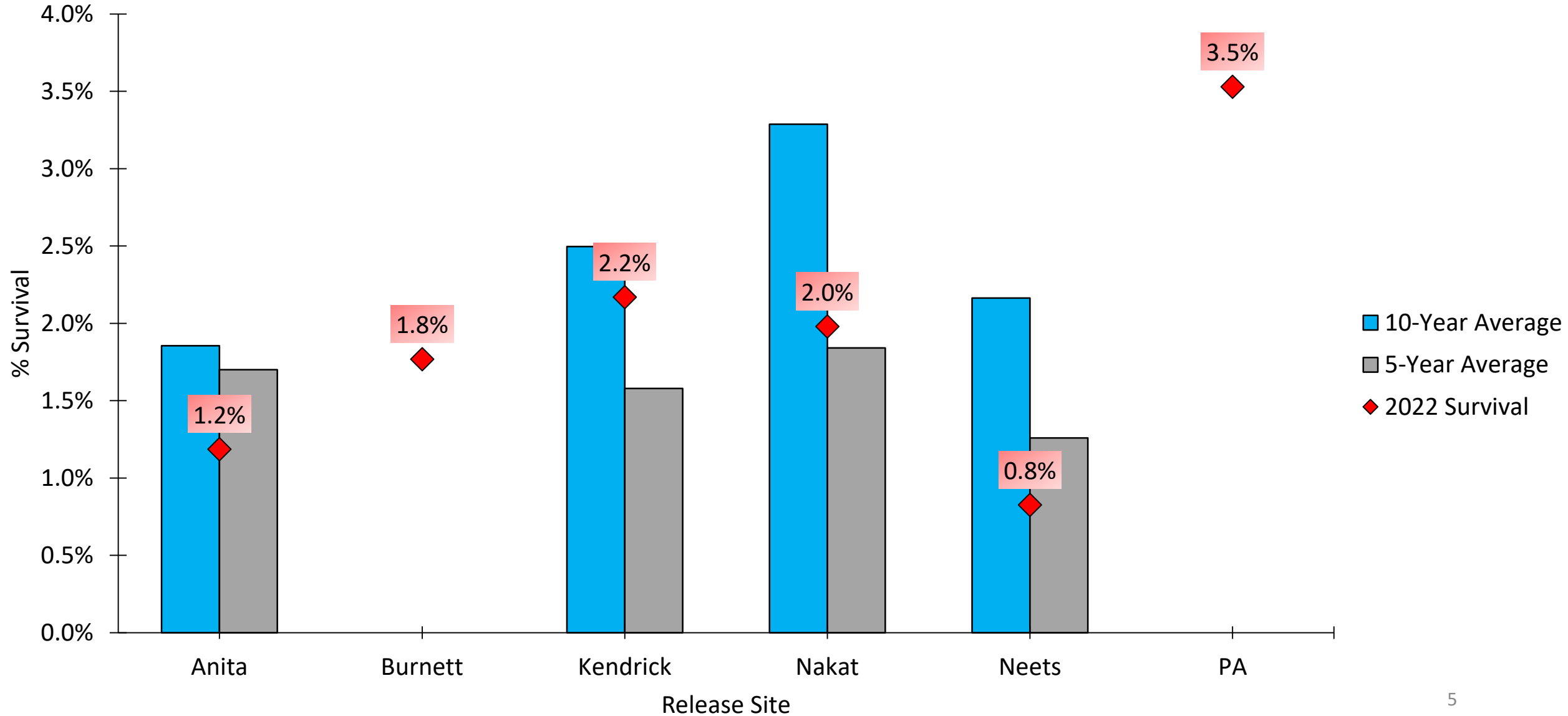


2022 Summer Chum Age-Class Composition



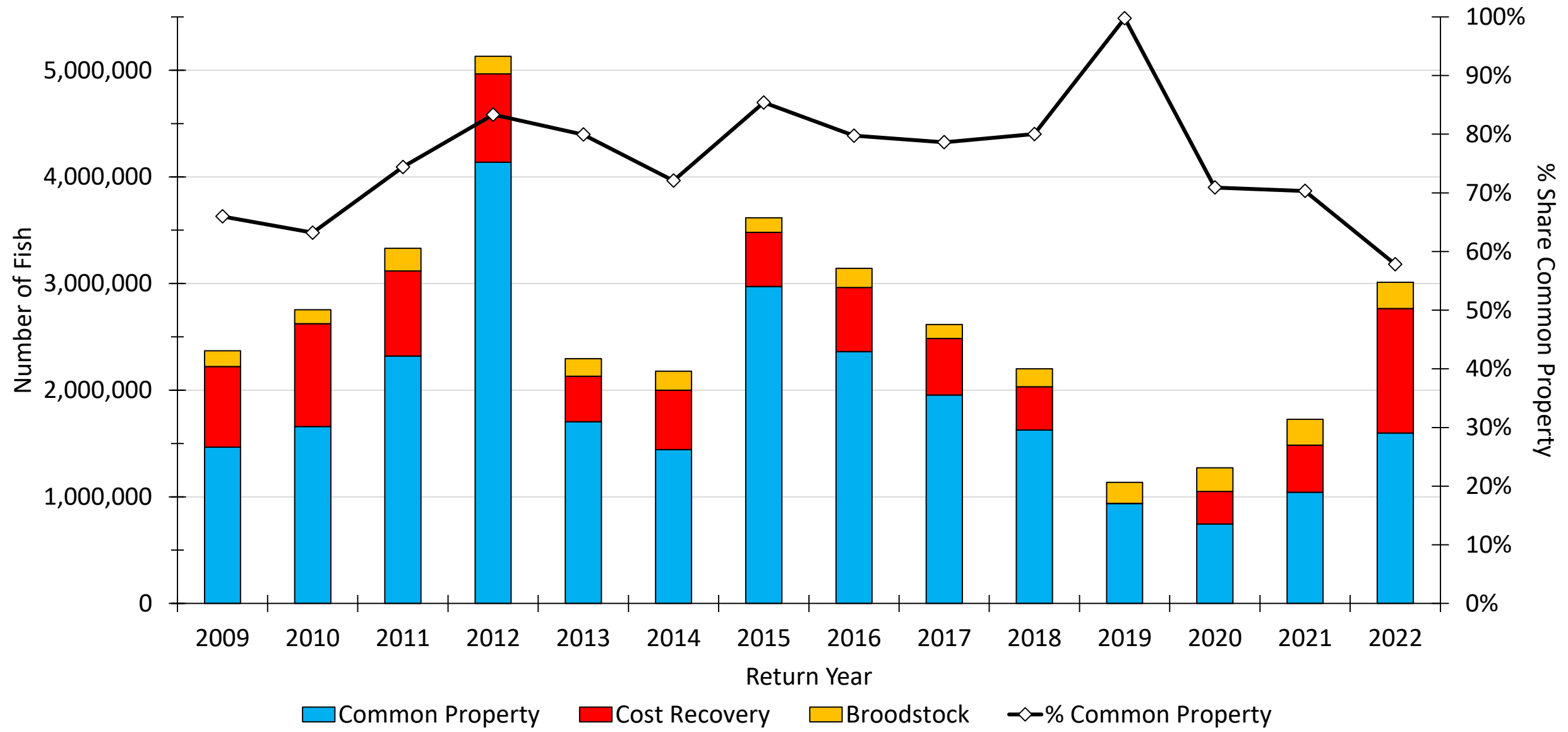


2022 Summer Chum Marine Survival



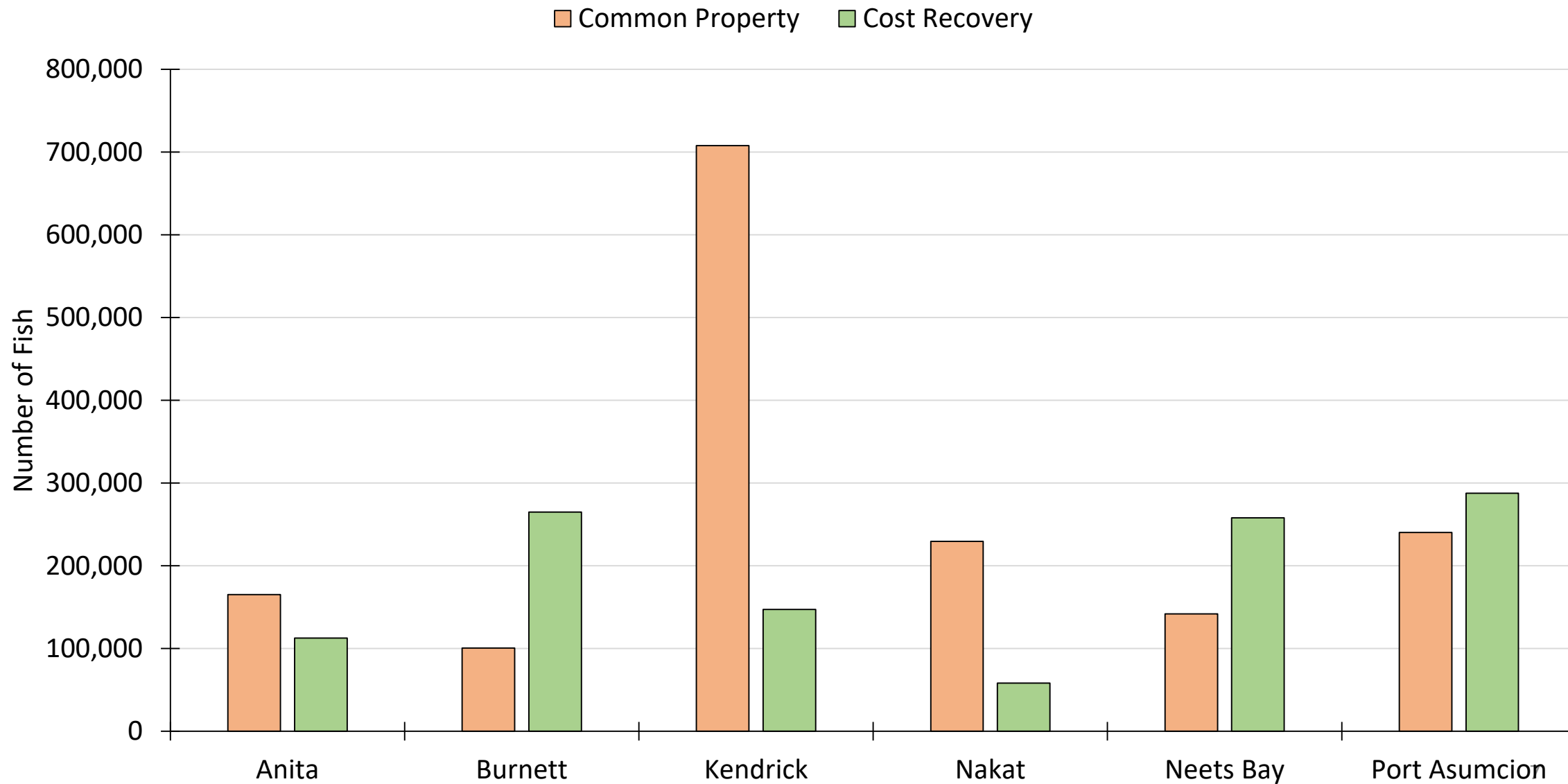


SSRAA Summer Chum Harvest Share



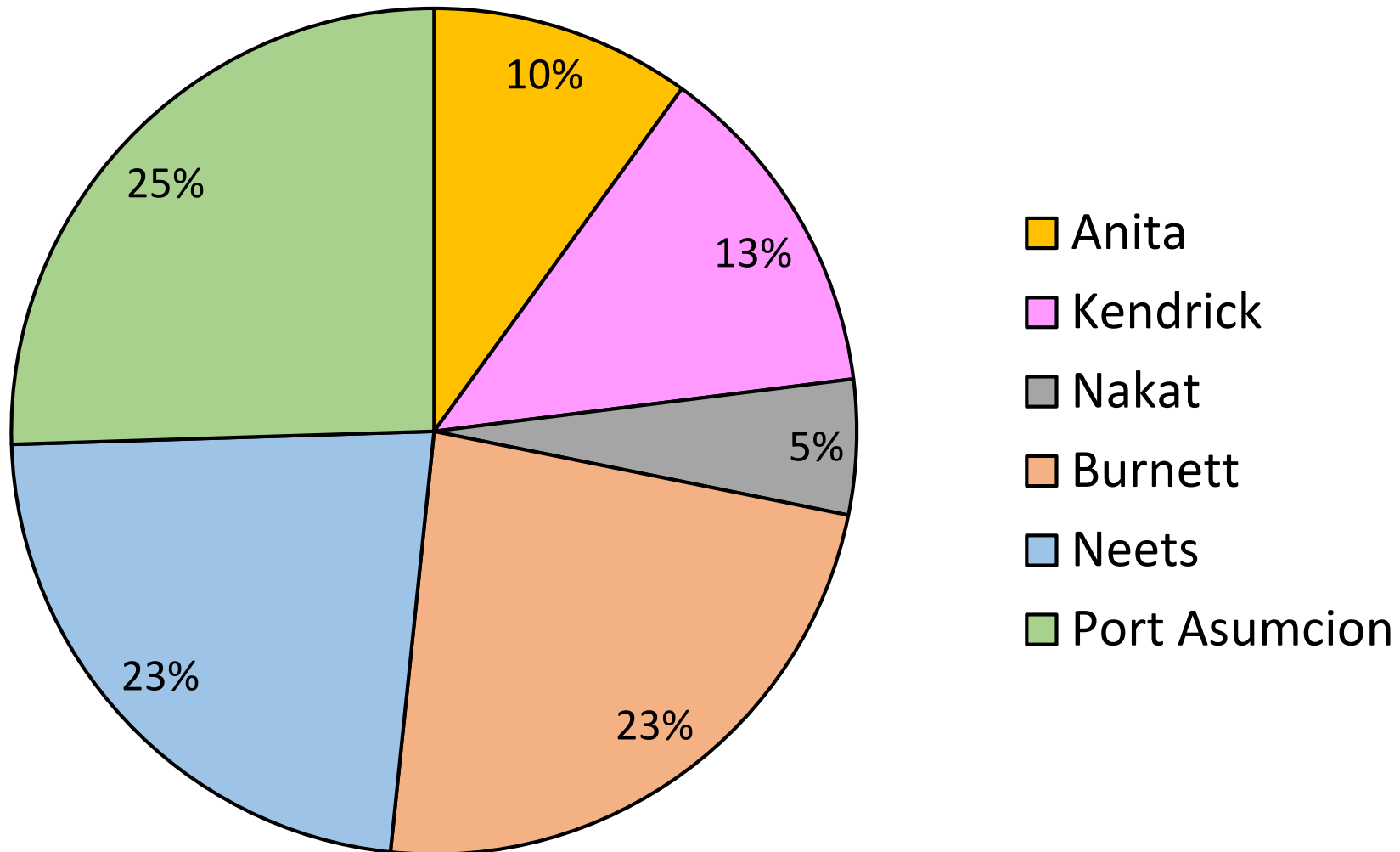


SSRAA Summer Chum Harvest Share



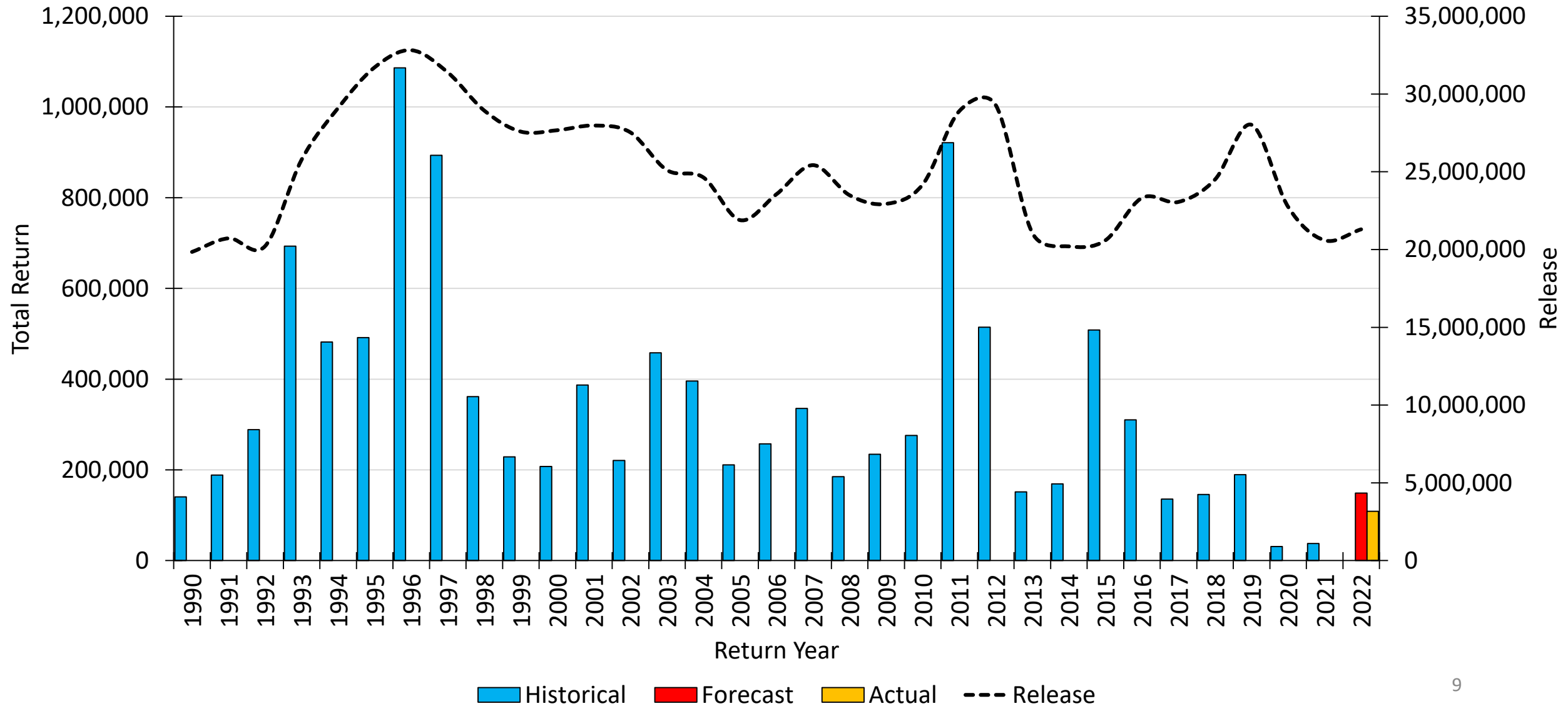


SSRAA Summer Chum Cost Recovery



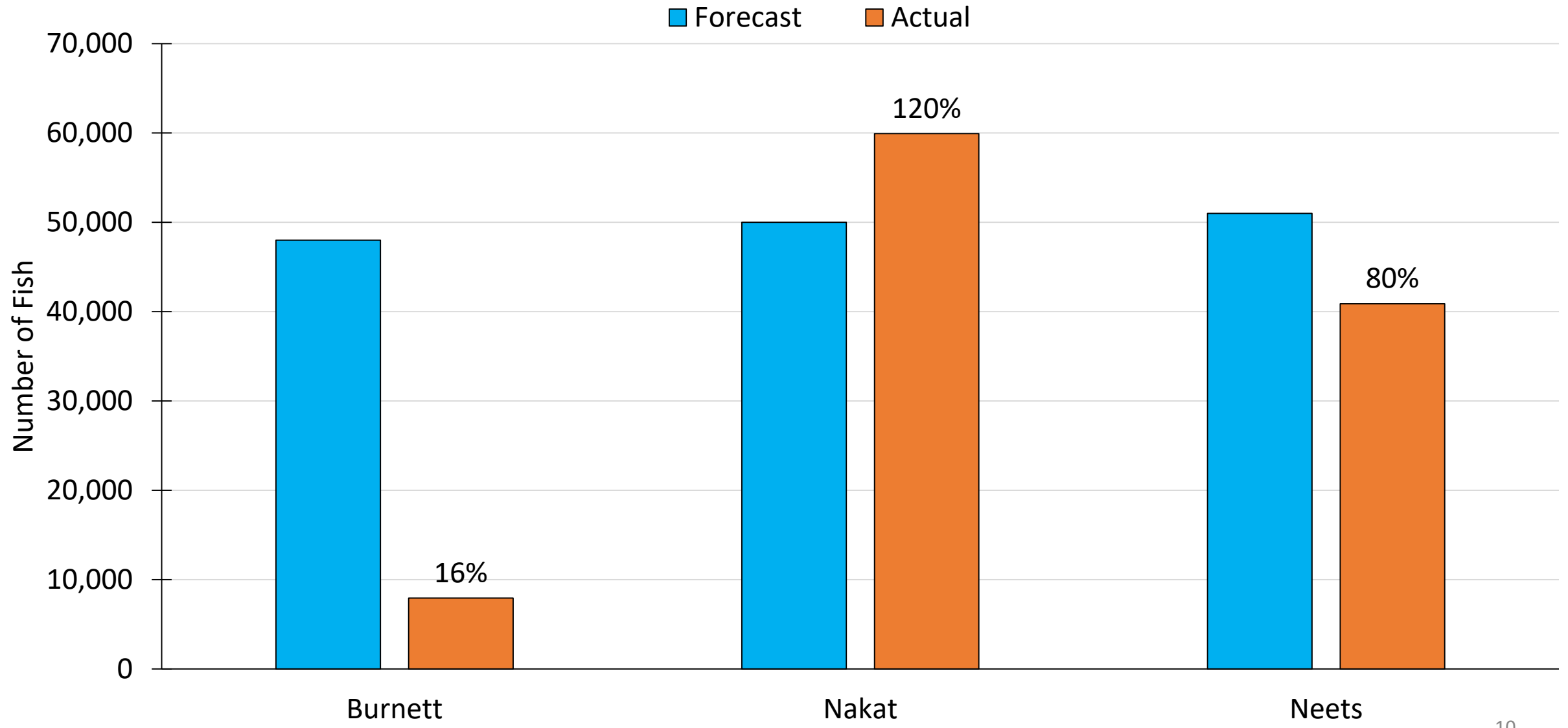


2022 Fall Chum: Releases vs. Returns





2022 Fall Chum: Forecast vs. Actual





SSRAA Contribution to Traditional Chum Fisheries

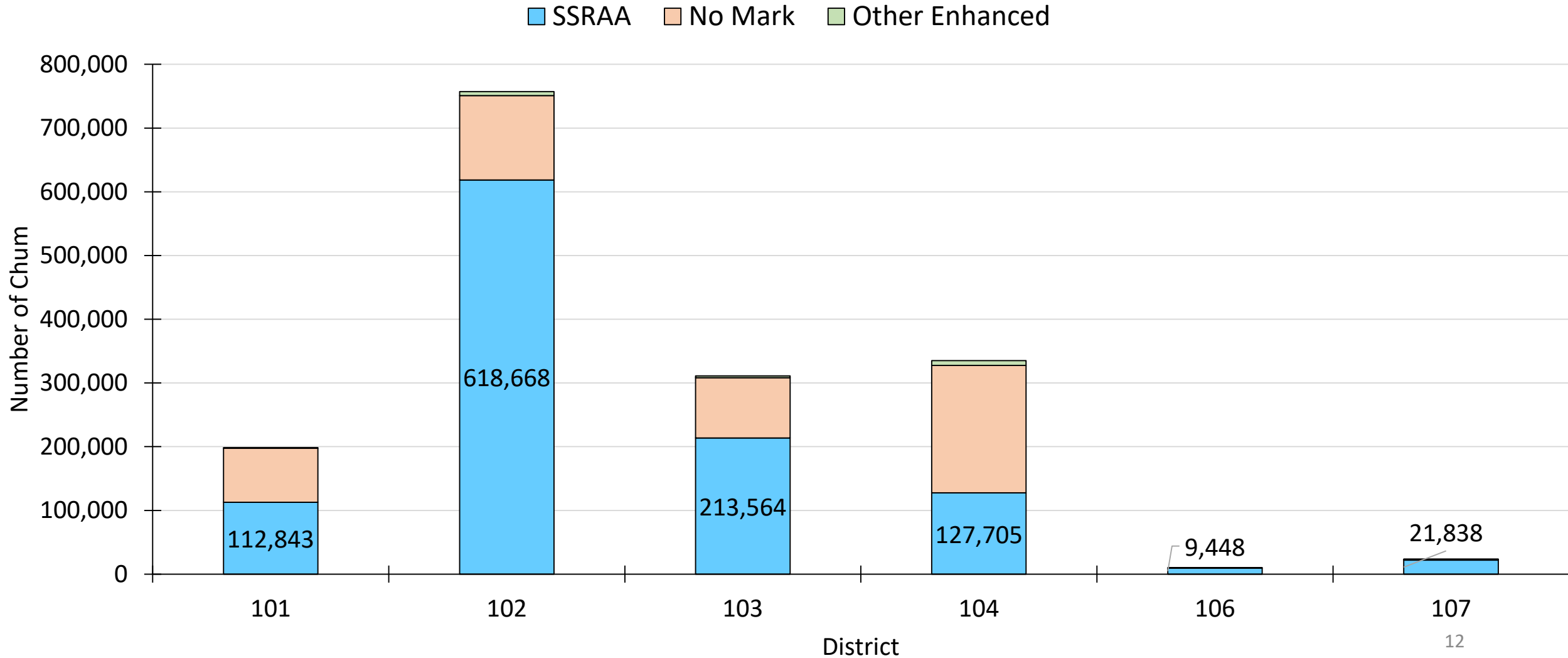
Summer and Fall Chum

| Gear | District | SSRAA | No Mark | Other Enhanced | % SSRAA | Total |
|----------------------|----------|------------------|----------------|----------------|------------|------------------|
| Gillnet | 101 | 257,970 | 53,392 | 1,176 | 83% | 312,538 |
| | 106 | 125,471 | 40,804 | 4,304 | 74% | 170,580 |
| | 108 | 63,431 | 6,905 | 181 | 90% | 70,517 |
| Gillnet Total | | 446,872 | 101,102 | 5,661 | 81% | 553,635 |
| Seine | 101 | 112,843 | 84,644 | 1,025 | 57% | 198,512 |
| | 102 | 618,668 | 132,308 | 6,144 | 82% | 757,120 |
| | 103 | 213,564 | 94,823 | 2,793 | 69% | 311,180 |
| | 104 | 127,705 | 199,772 | 7,543 | 38% | 335,019 |
| | 106 | 9,448 | 798 | 0 | 92% | 10,246 |
| | 107 | 21,838 | 1,519 | 193 | 93% | 23,550 |
| Seine Total | | 1,104,065 | 513,863 | 17,698 | 68% | 1,635,627 |
| Troll | 101 | 17,058 | 1,964 | 0 | 90% | 19,022 |
| Total | | 1,567,995 | 616,929 | 23,360 | 71% | 2,208,283 |



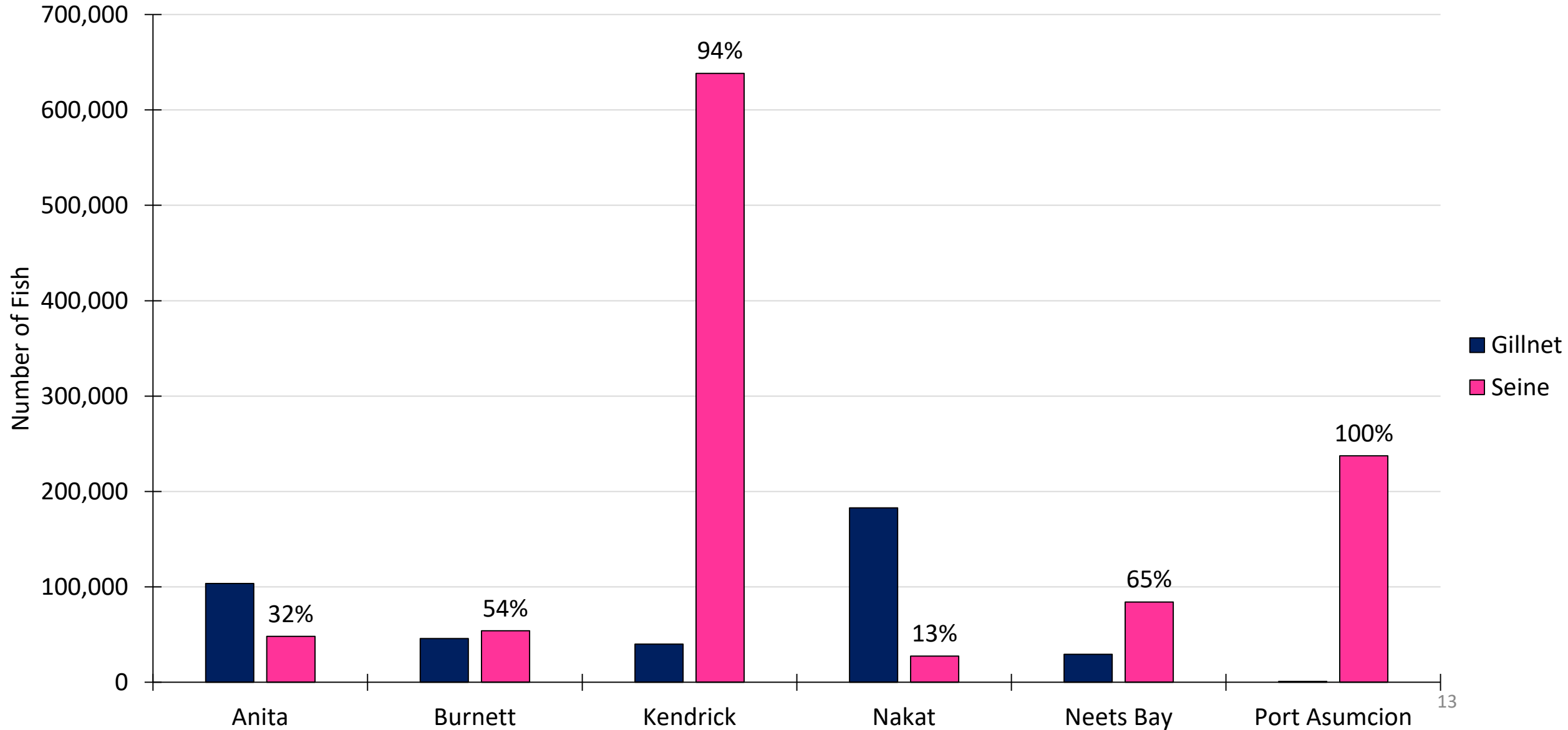
SSRAA Contribution to Traditional Chum Fisheries

Seine



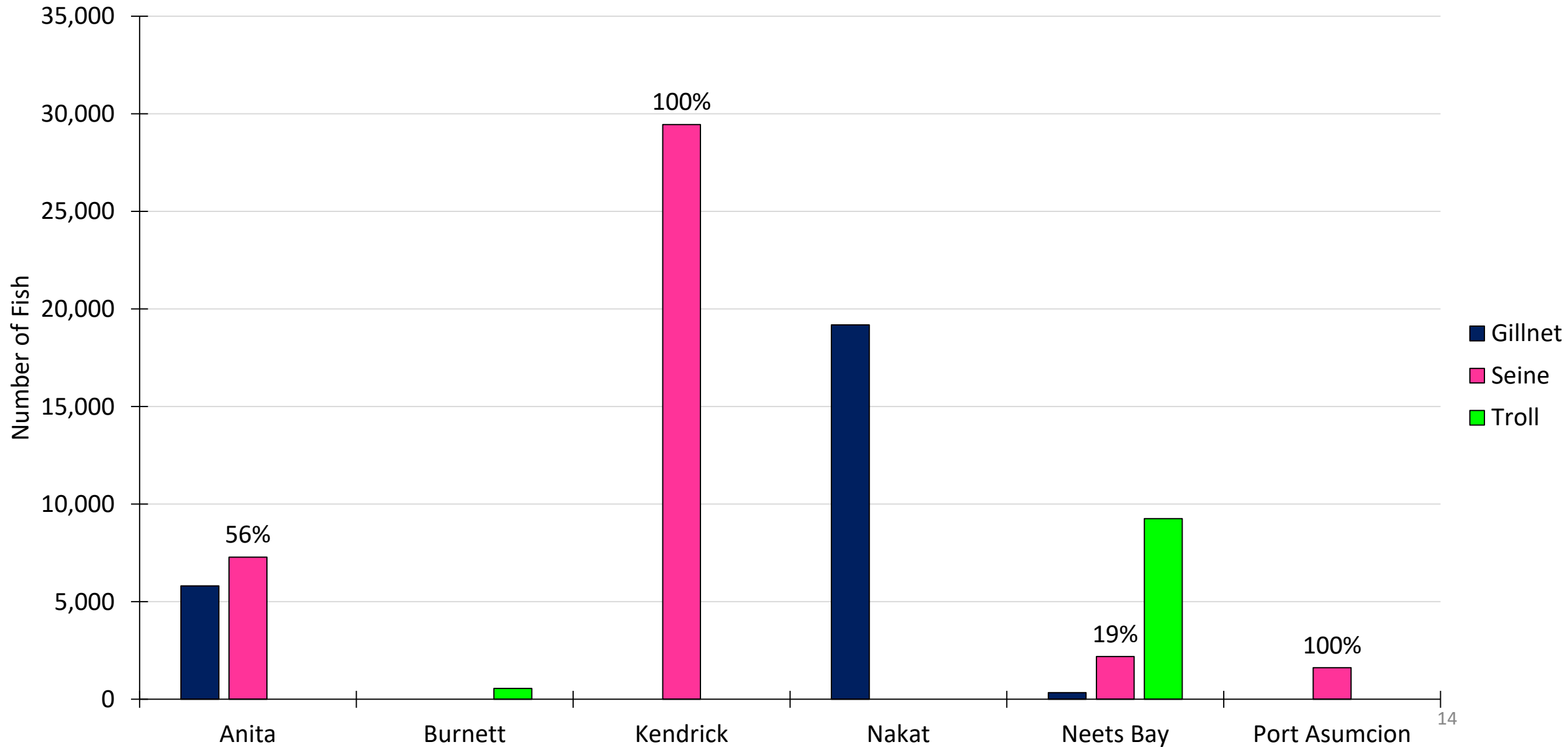


Traditional Chum Salmon Catch by Release Site



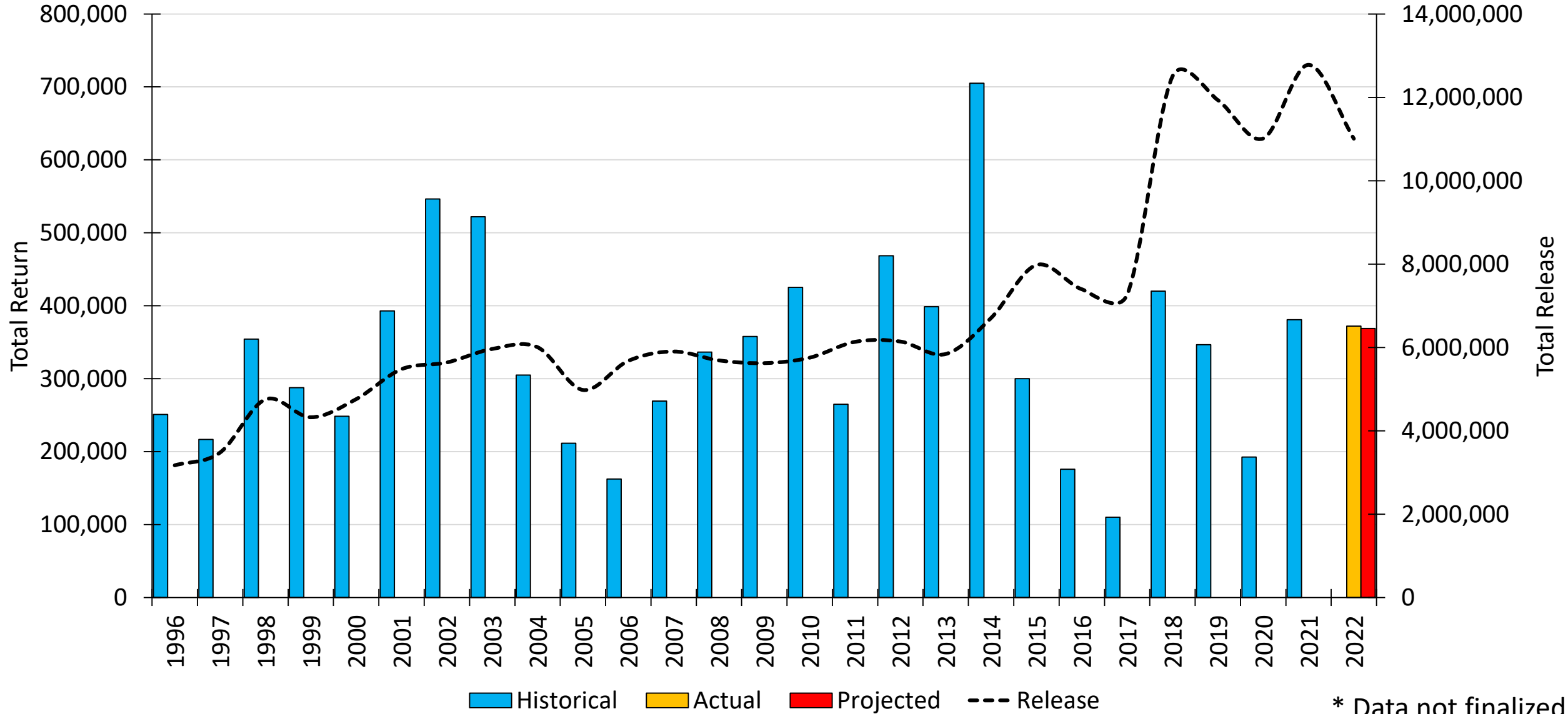


Terminal Chum Salmon Catch by Release Site





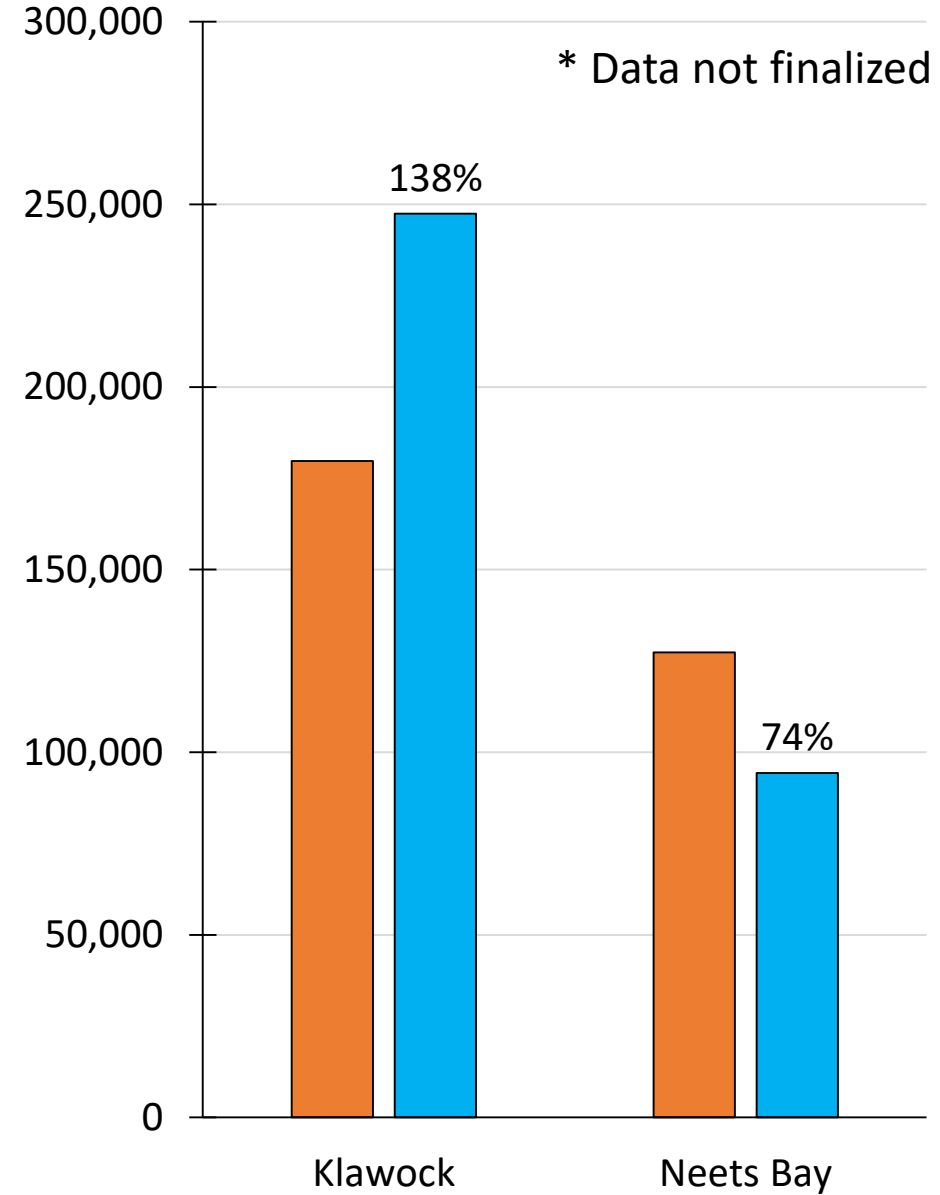
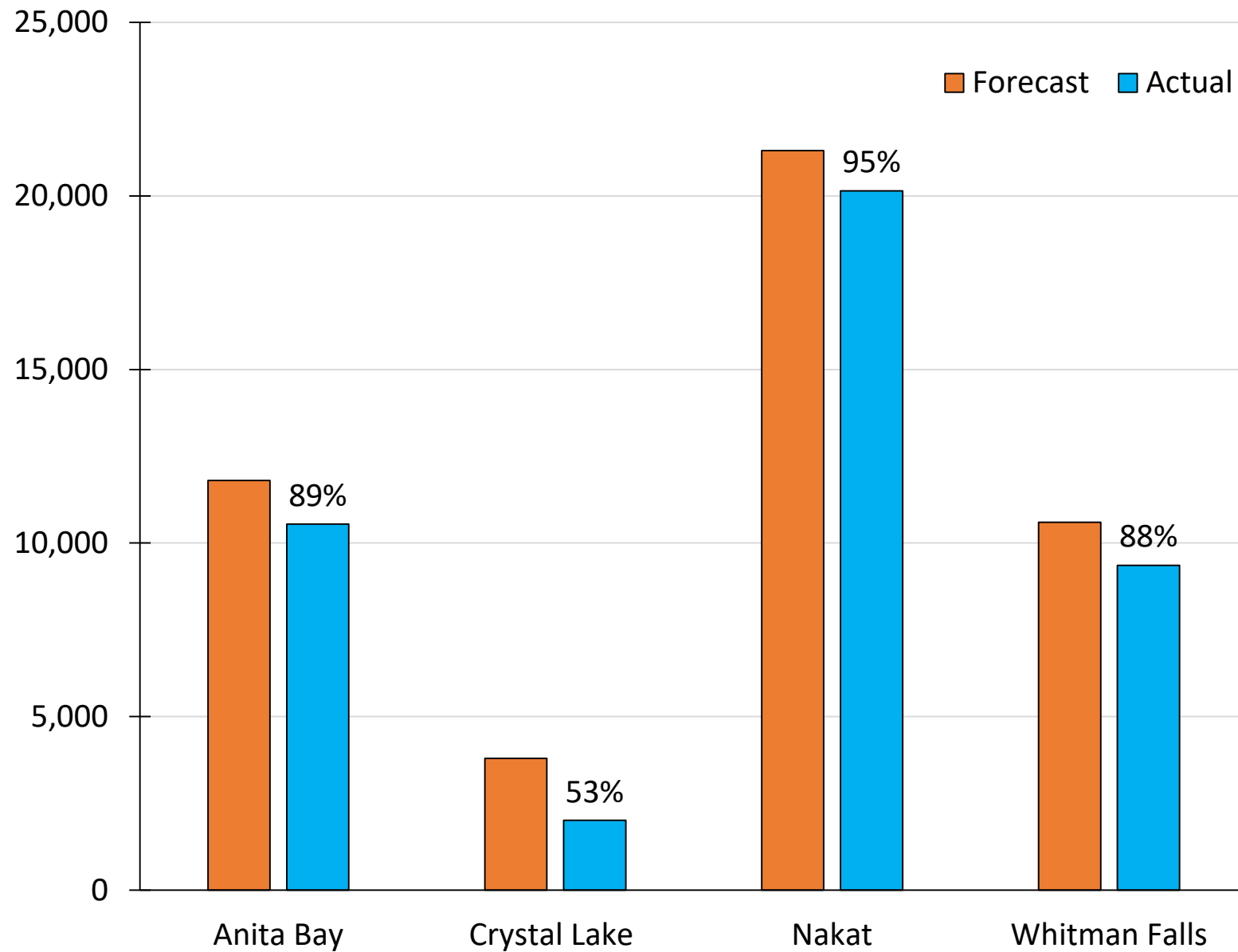
2022 Coho: Forecast vs. Actual*



* Data not finalized

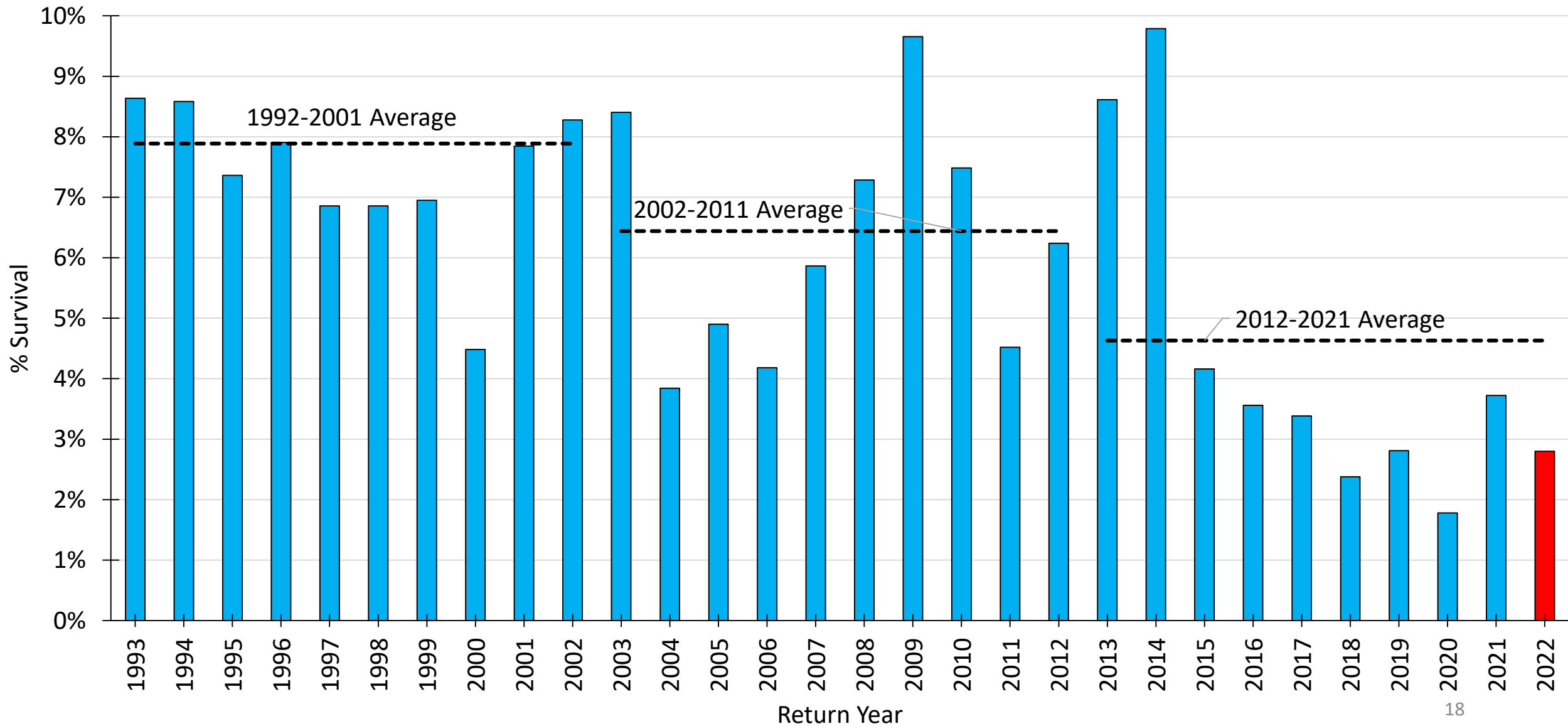


2022 Coho: Forecast vs. Actual*



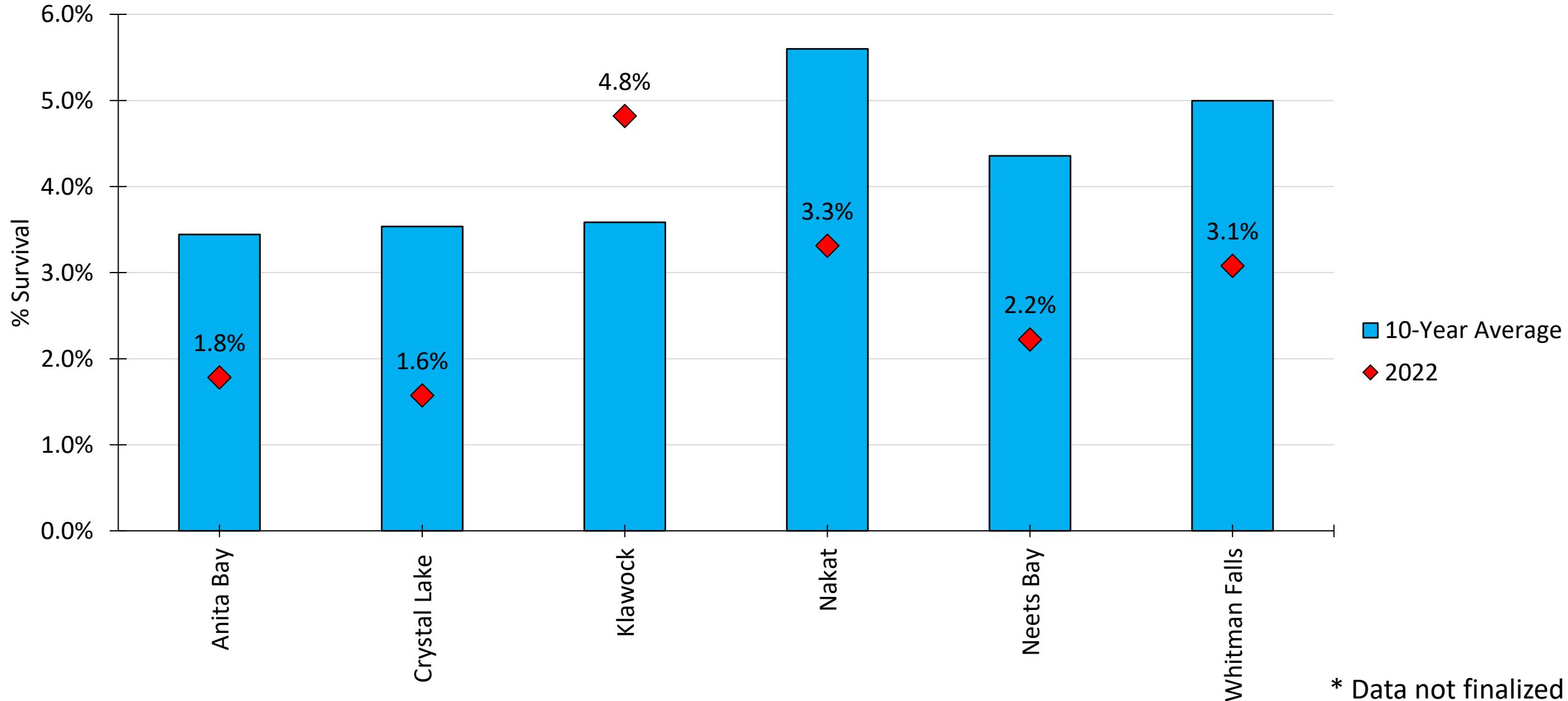


SSRAA Coho Marine Survival



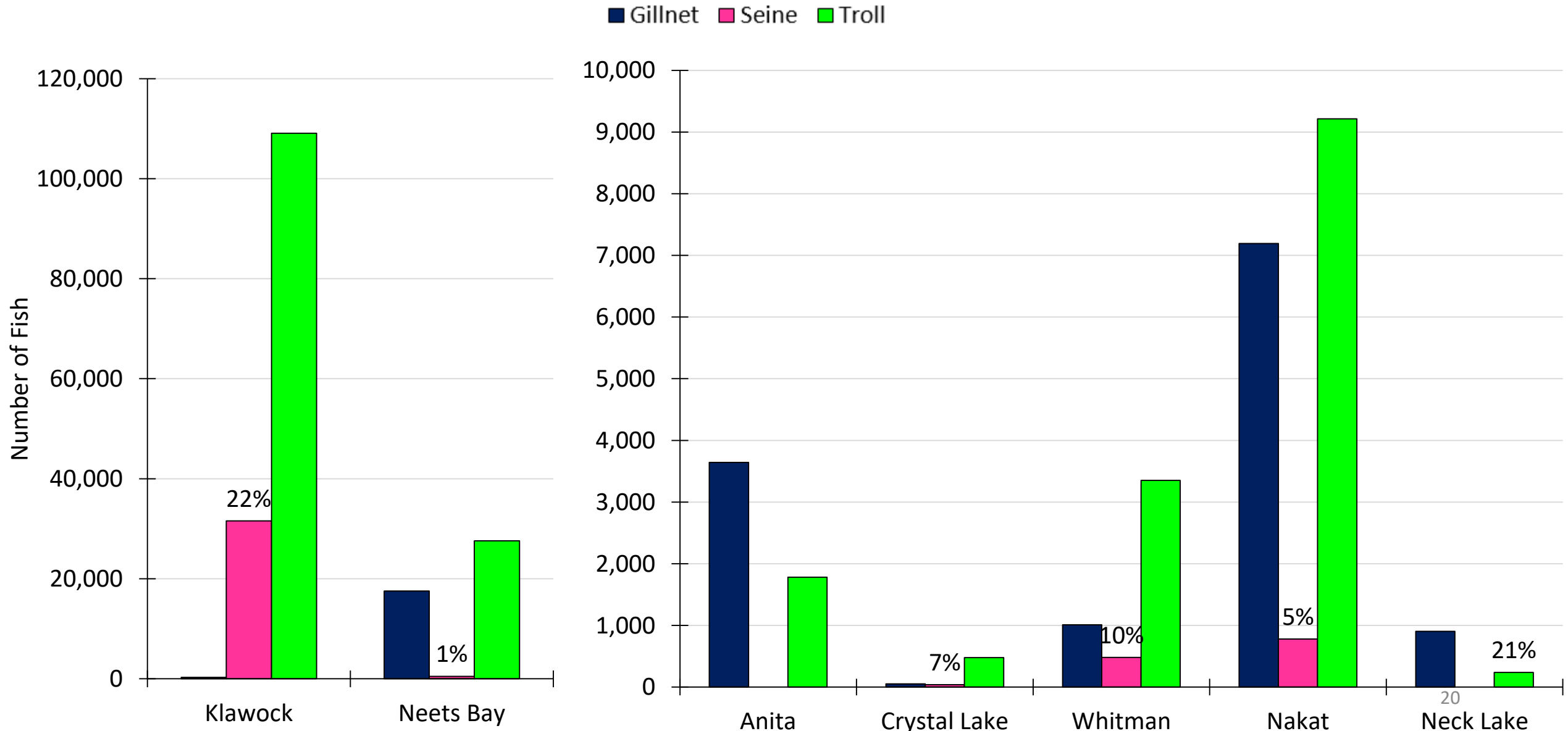


2022 Coho Marine Survival*



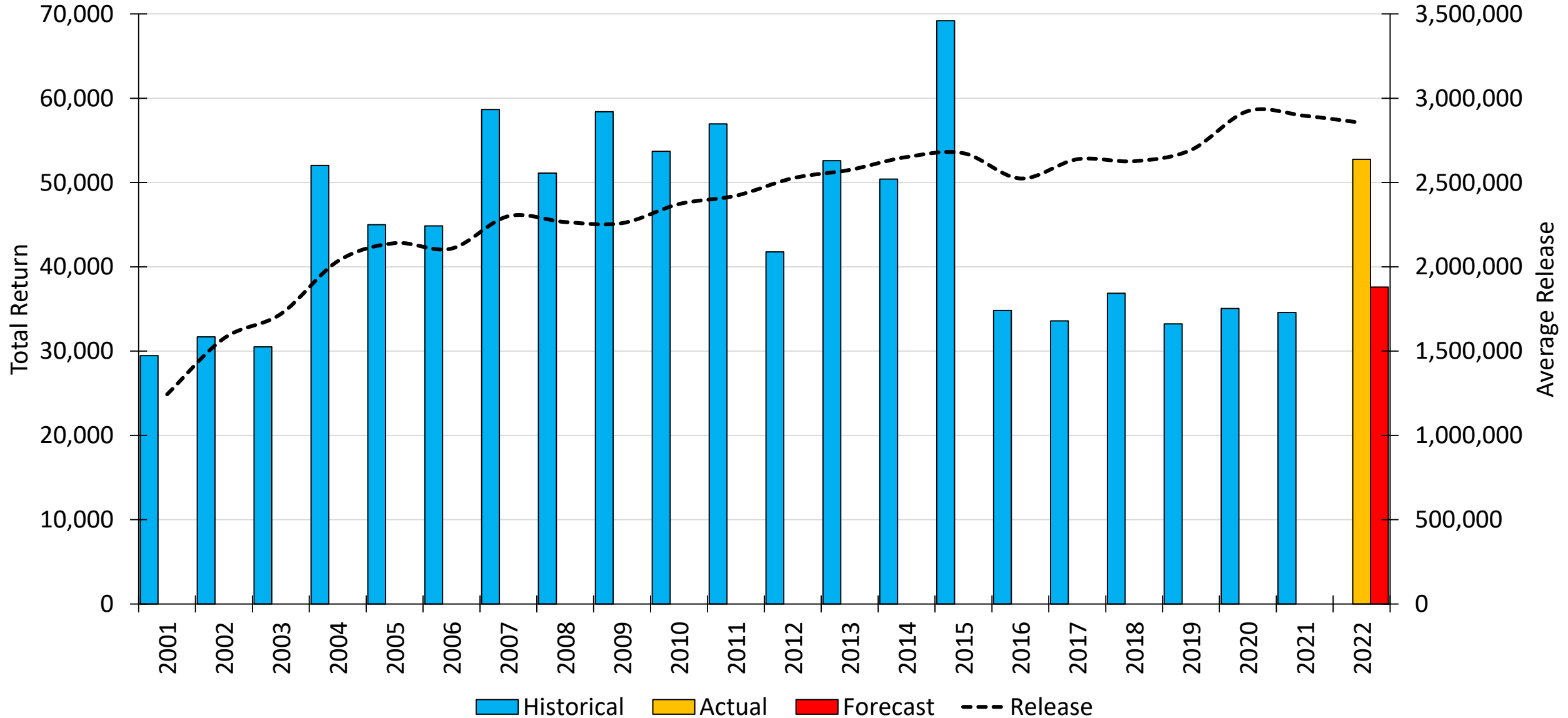


2022 SSRAA Traditional Coho Contribution



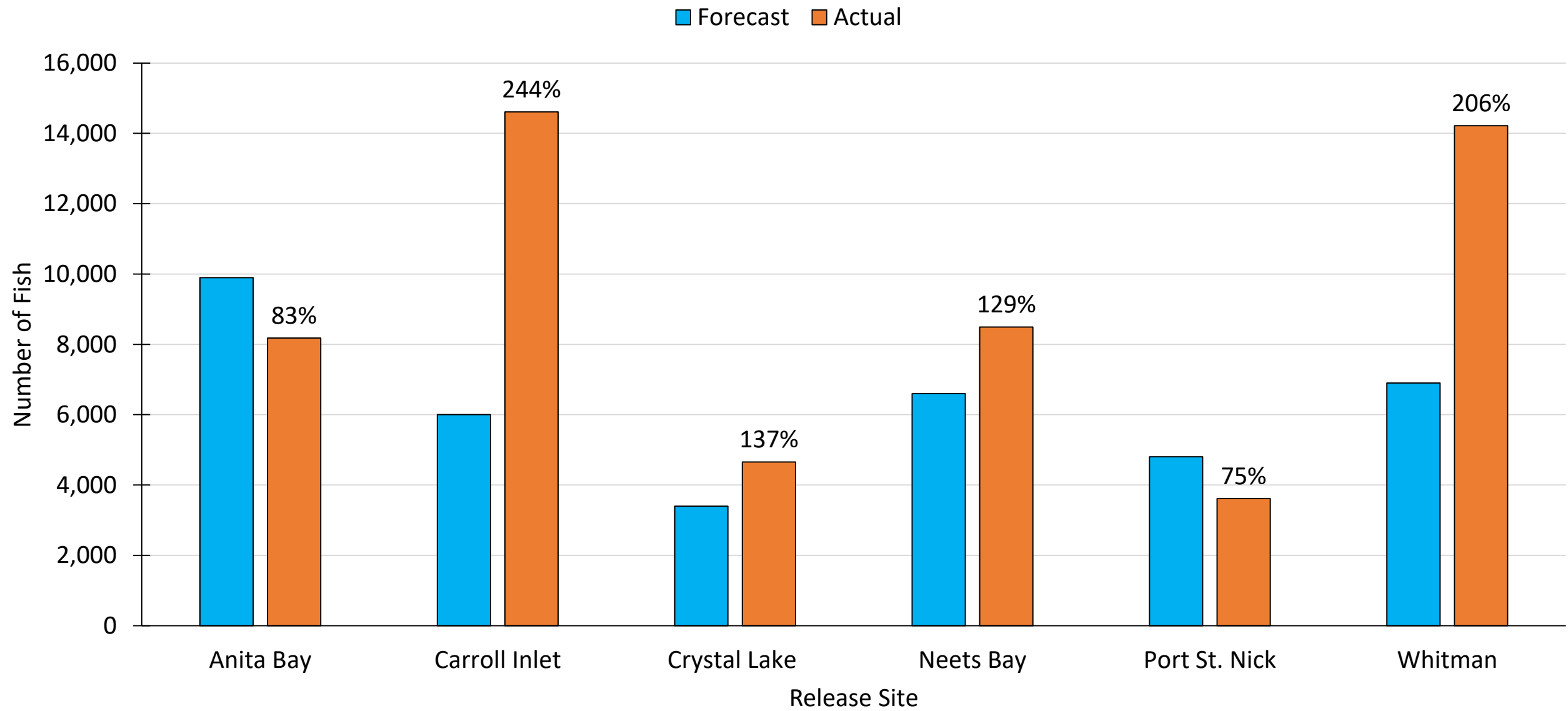


2022 Chinook: Forecast vs. Actual



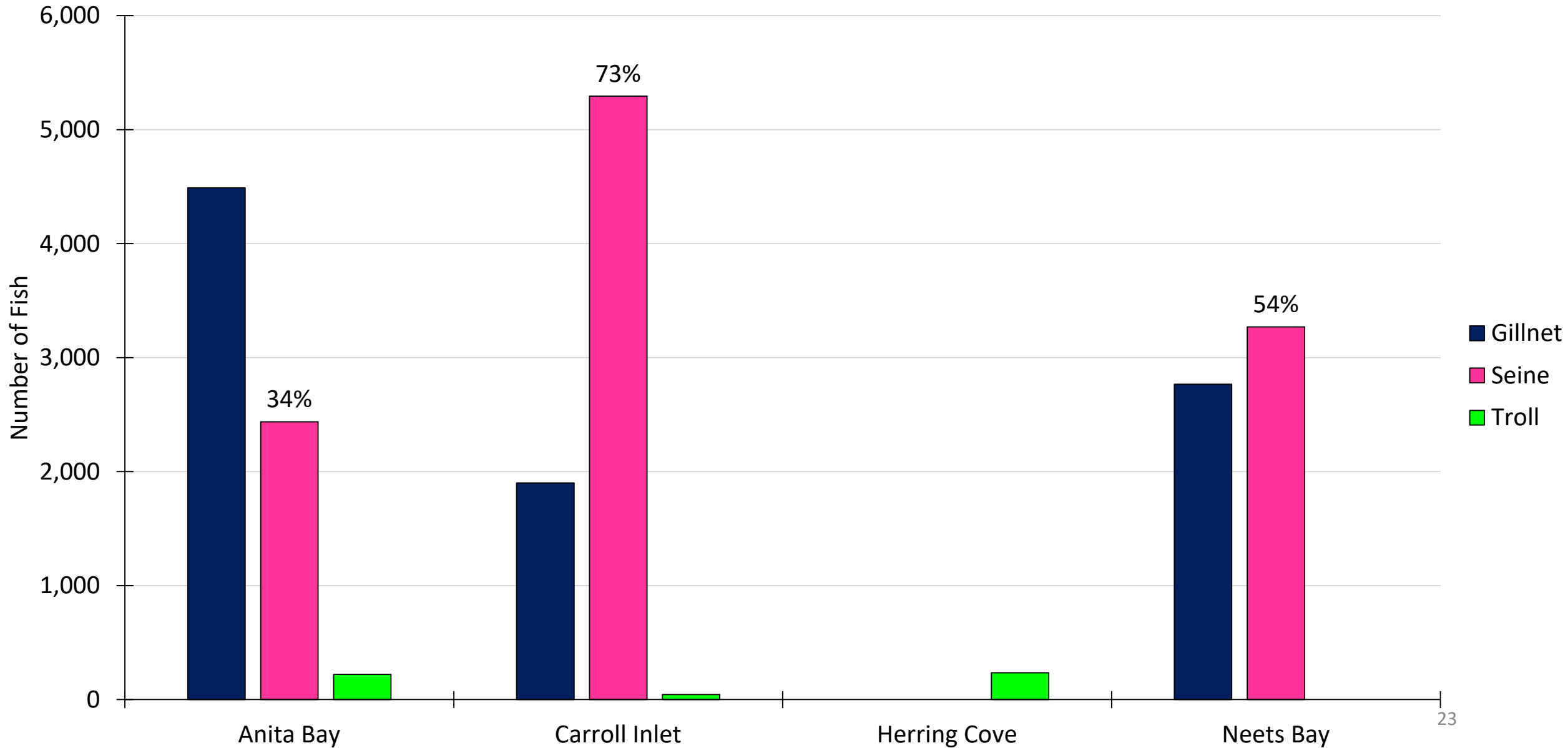


2022 Chinook: Forecast vs. Actual





Terminal Chinook Salmon Catch by Release Site



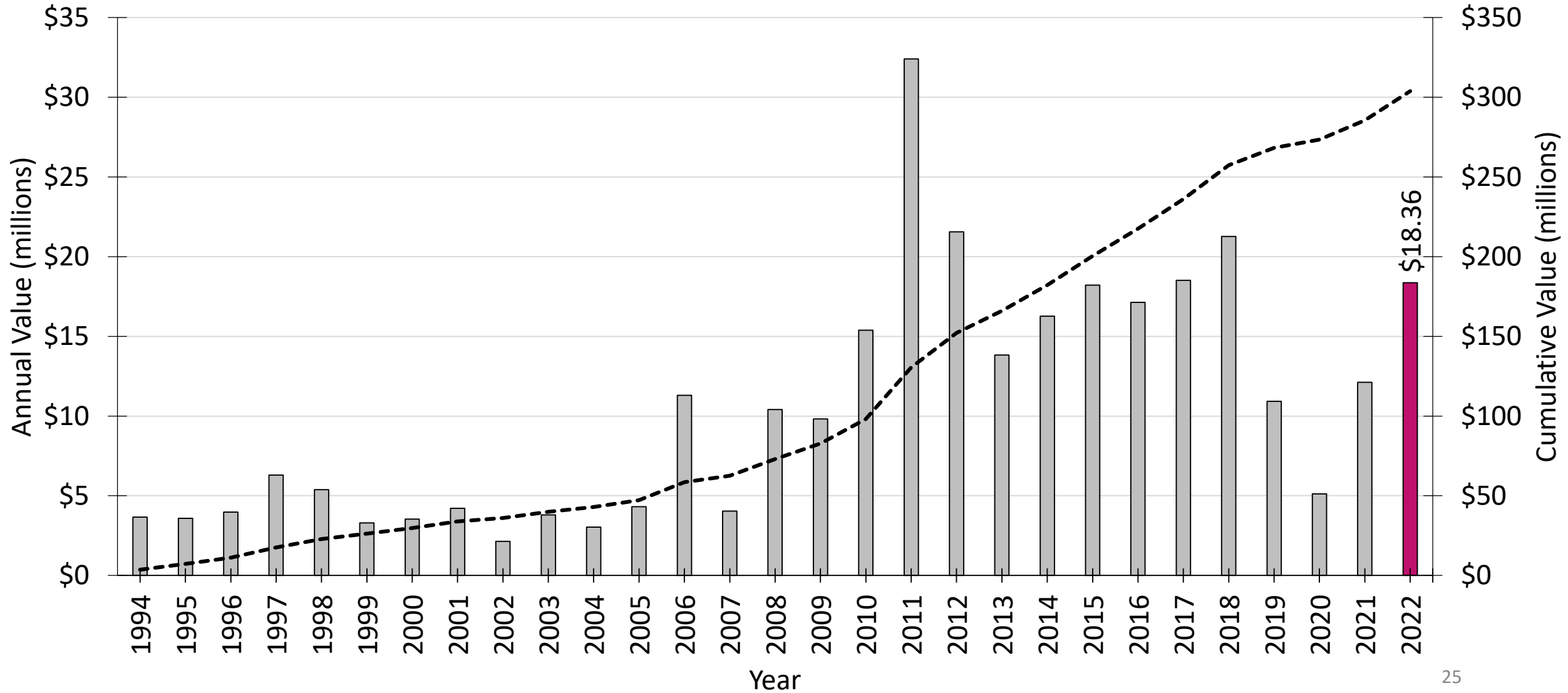


Preliminary 2022 SSRAA Value Estimates

| Species | Gillnet | Seine | Troll | Total | % by Species |
|------------------|--------------------|---------------------|--------------------|---------------------|--------------|
| Chinook | \$576,975 | \$521,592 | \$573,728 | \$1,672,296 | 9% |
| Coho | \$337,014 | \$110,120 | \$1,713,514 | \$2,160,647 | 12% |
| S. Chum | \$3,856,625 | \$9,844,681 | \$96,983 | \$13,798,289 | 75% |
| F. Chum | \$614,025 | \$111,548 | \$0 | \$725,573 | 4% |
| Total | \$5,384,638 | \$10,587,941 | \$2,384,225 | \$18,356,804 | |
| % by Gear | 29% | 58% | 13% | | |

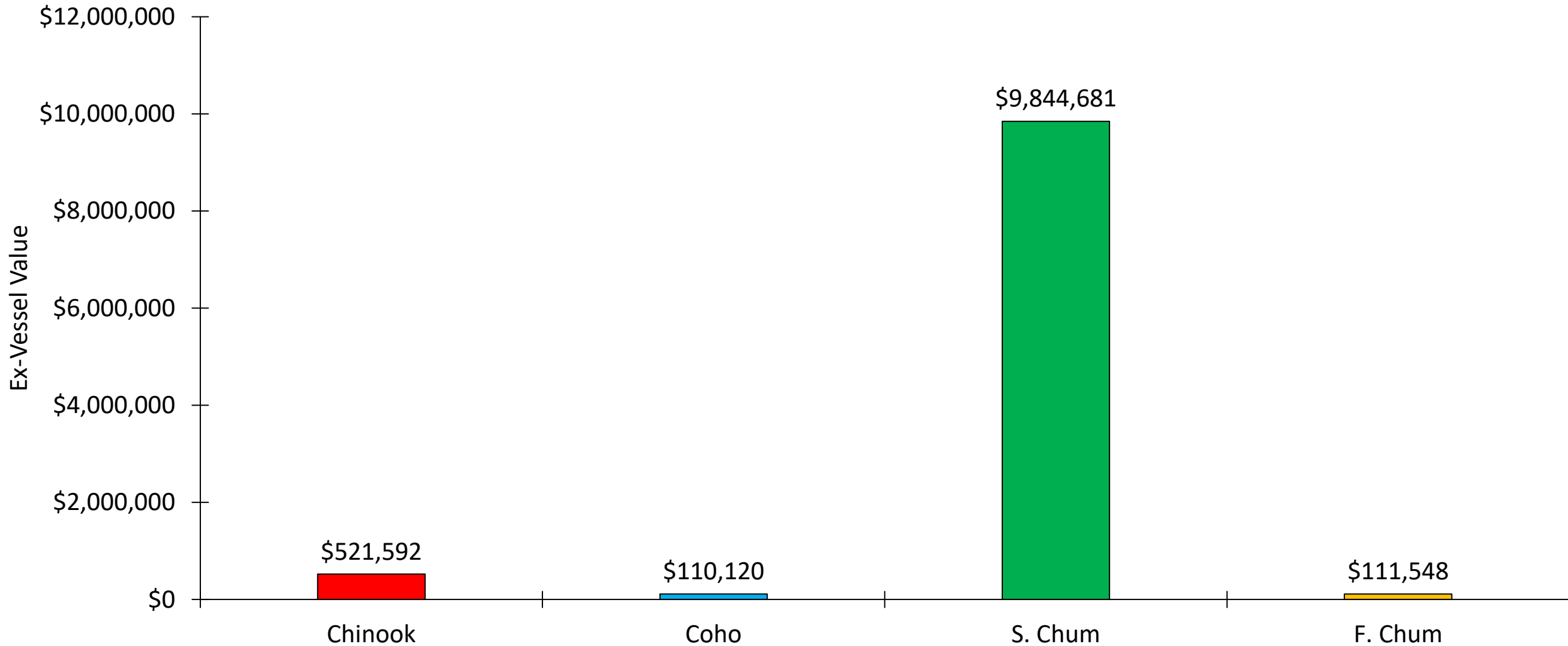


2022 SSRAA Contribution to Ex-Vessel Value



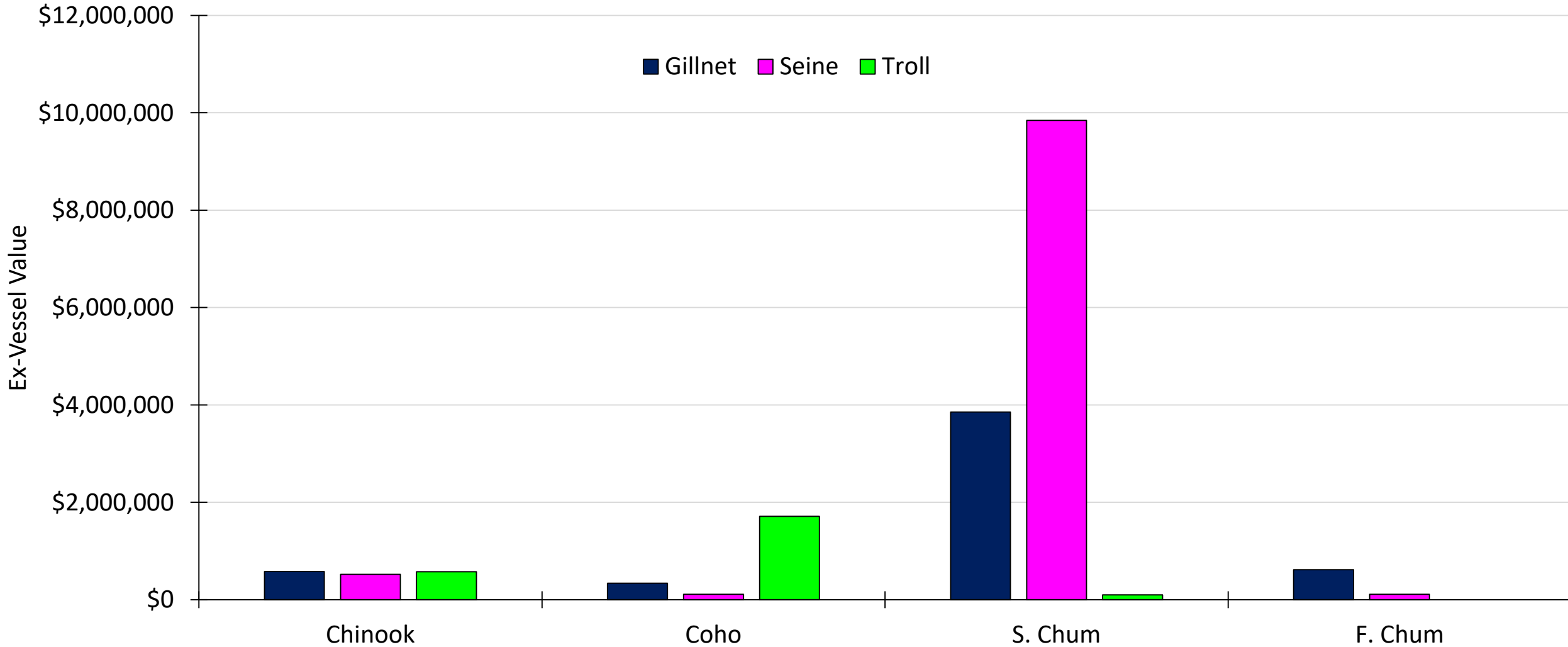


2022 SSRAA Contribution to Seine Ex-Vessel Value





2022 SSRAA Contribution by Species and Gear





Preliminary 2023 SSRAA Chinook Forecast

| Chinook | | | | | | | | | |
|--------------|------------|---------------|---------------|--------------|---------------|---------------|---------------|-------------------|---------------|
| Site | Age 3 | Age 4 | Age 5 | Age 6 | Traditional | Terminal | Total | Forecast Survival | 2022 Return |
| Anita | 100 | 2,600 | 4,800 | 200 | 1,500 | 6,200 | 7,700 | 1.9% | 8,200 |
| Carroll | 100 | 2,600 | 7,000 | 400 | 2,600 | 7,500 | 10,100 | 1.1% | 14,600 |
| Crystal | 100 | 1,000 | 1,600 | 100 | 1,300 | 1,500 | 2,800 | 0.5% | 4,700 |
| Neets | 0 | 0 | 4,700 | 100 | 1,700 | 3,100 | 4,800 | 2.1% | 8,500 |
| PSN | 100 | 3,100 | 2,400 | 100 | 1,500 | 4,200 | 5,700 | 1.6% | 3,600 |
| Whitman | 300 | 3,500 | 8,000 | 200 | 2,800 | 9,200 | 12,000 | 1.0% | 14,200 |
| Total | 700 | 12,800 | 28,500 | 1,100 | 11,400 | 31,700 | 43,100 | | 53,800 |



Preliminary 2023 SSRAA Coho Forecast

| Coho | | | | | | |
|---------------|----------------|---------------|----------------|--|-------------------|----------------|
| Site | Traditional | Terminal | Total | | Forecast Survival | 2022 Return |
| Anita Bay | 5,300 | 4,800 | 10,100 | | 2.0% | 10,500 |
| Crystal Lake | 1,600 | 1,600 | 3,200 | | 2.5% | 2,000 |
| Klawock | 103,800 | 44,500 | 148,300 | | 3.8% | 247,400 |
| Nakat | 12,700 | 5,900 | 18,600 | | 3.5% | 20,100 |
| Neets Bay | 53,600 | 26,700 | 80,300 | | 2.5% | 94,300 |
| Whitman Falls | 9,400 | 4,800 | 14,200 | | 3.5% | 9,400 |
| Total | 186,400 | 88,300 | 274,700 | | | 383,700 |

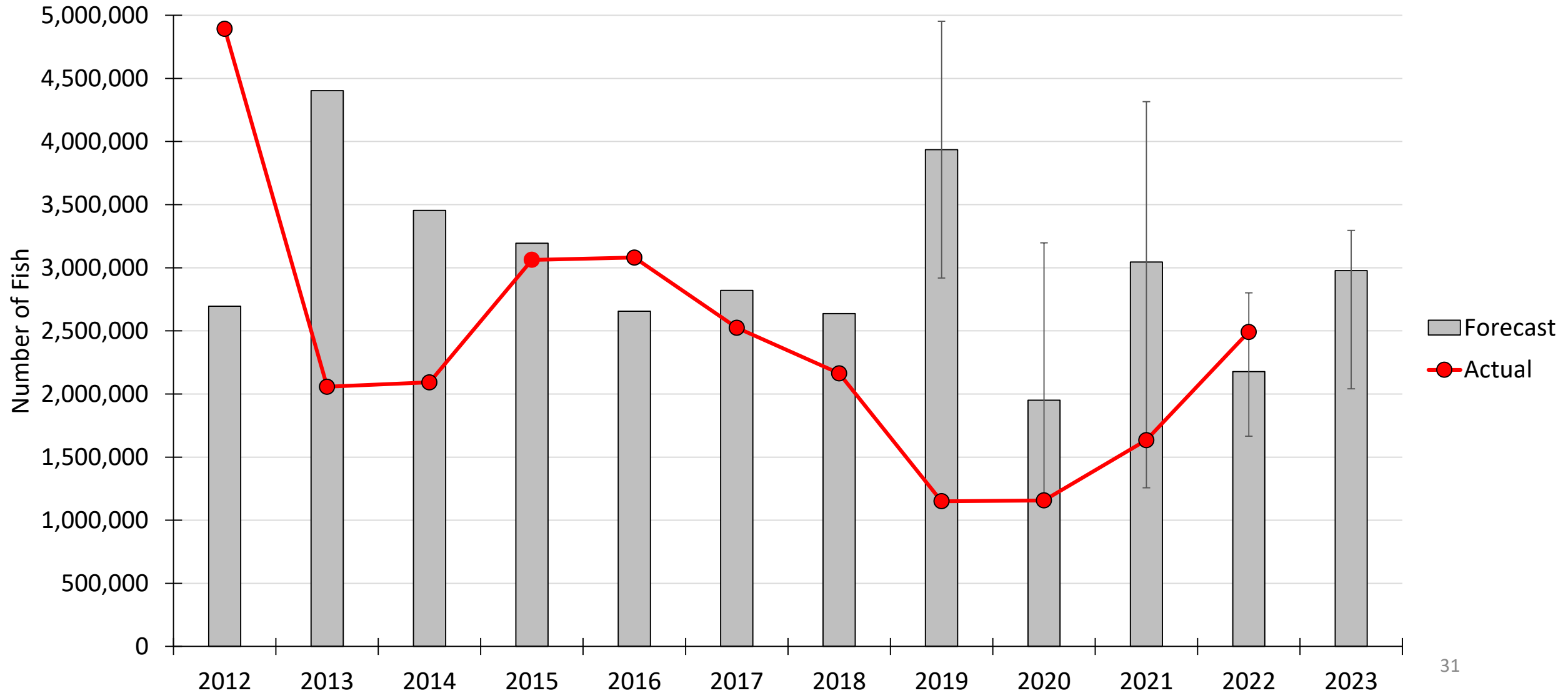


Preliminary 2023 SSRAA Chum Forecast

| Summer Chum | | | | |
|--------------------|------------------|------------------|------------------|--------------------|
| Site | Low | Mid | High | 2022 Return |
| Anita | 247,000 | 274,000 | 331,000 | 276,000 |
| Burnett | 380,000 | 468,000 | 513,000 | 449,000 |
| Kendrick | 412,000 | 732,000 | 744,000 | 707,000 |
| Nakat | 188,000 | 270,000 | 306,000 | 246,000 |
| Neets | 492,000 | 792,000 | 842,000 | 538,000 |
| Port Asumcion | 322,000 | 440,000 | 560,000 | 522,000 |
| Total | 2,041,000 | 2,976,000 | 3,296,000 | 2,738,000 |



Preliminary 2023 SSRAA Chum Forecast



Preliminary 2023 SSRAA Chum Forecast



| Species | Site | Age 3 | Age 4 | Age 5 | Traditional | Terminal | Total |
|-------------|---------------|------------------|------------------|---------------|------------------|------------------|------------------|
| Summer Chum | Anita | 118,000 | 142,000 | 14,000 | 161,700 | 112,300 | 274,000 |
| | Burnett | 195,000 | 259,000 | 14,000 | 140,400 | 327,600 | 468,000 |
| | Kendrick | 212,000 | 490,000 | 30,000 | 563,600 | 168,400 | 732,000 |
| | Nakat | 96,000 | 168,000 | 7,000 | 168,000 | 103,000 | 271,000 |
| | Neets | 295,000 | 484,000 | 13,000 | 245,500 | 546,500 | 792,000 |
| | Port Asumcion | 137,000 | 285,000 | 18,000 | 184,800 | 255,200 | 440,000 |
| | Total | 1,053,000 | 1,828,000 | 96,000 | 1,464,000 | 1,513,000 | 2,977,000 |
| Fall Chum | Burnett | 1,000 | 5,000 | 1,000 | 4,100 | 2,900 | 7,000 |
| | Nakat | 2,000 | 66,000 | 5,000 | 44,500 | 28,500 | 73,000 |
| | Neets | 0 | 63,000 | 2,000 | 27,300 | 37,700 | 65,000 |
| | Total | 3,000 | 134,000 | 8,000 | 75,900 | 69,100 | 145,000 |

