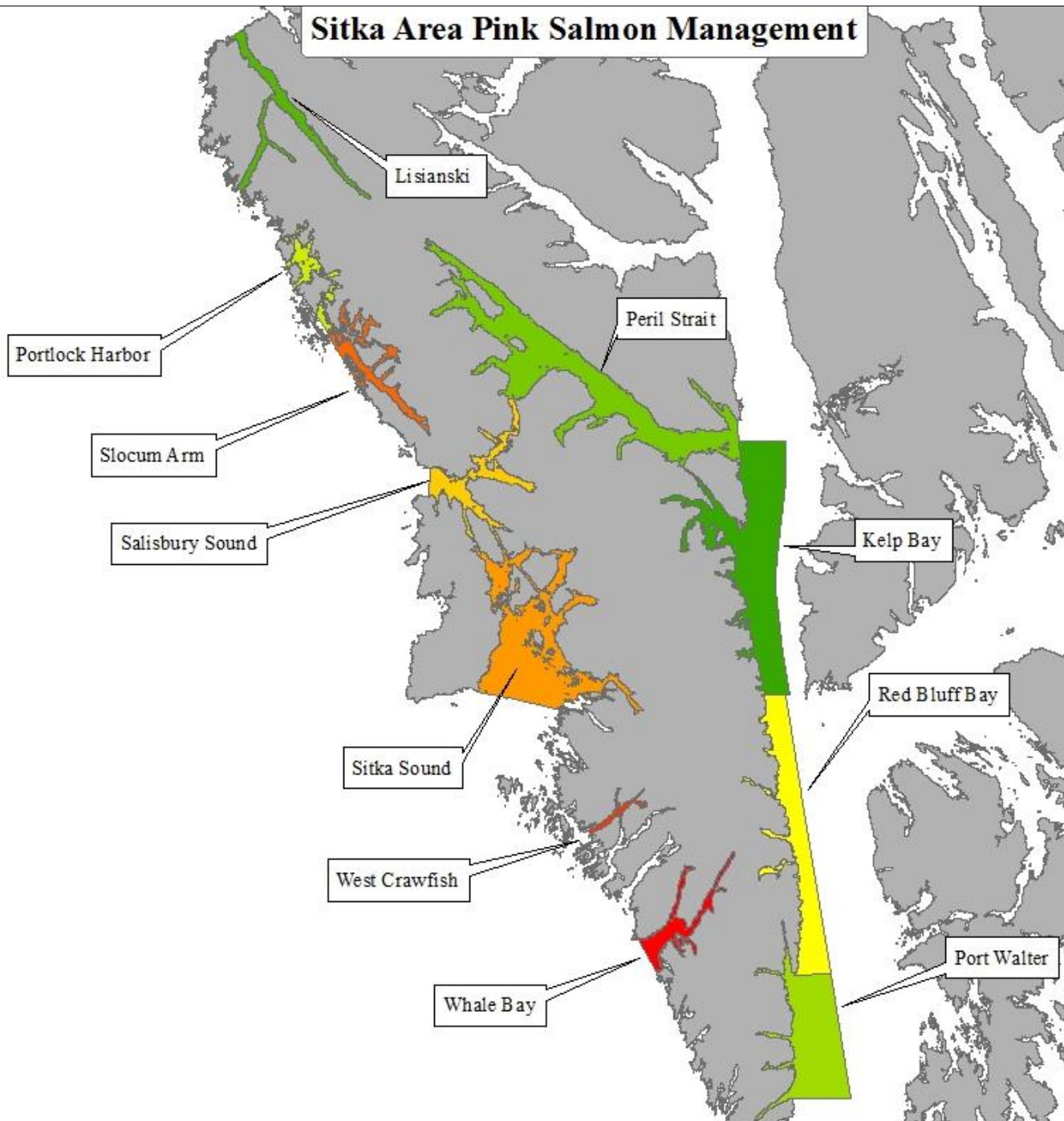


2020 Sitka Management Area Salmon Seine Summary

Aaron Dupuis
Area Management Biologist

Sitka Area Pink Salmon Management



2018 Sitka Management Area pink salmon summary

Lisianski
 Harvest - Not opened; 10-yr average - 892,000
 Peak escapement est. - 200,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - 163,000; 10-yr average - 448,000
 Peak escapement est. - 358,000
 Escapement range: 40,000-130,000

Slocum Arm
 Harvest - 900,000; 10-yr average - 1,338,000
 Peak escapement est. - 666,000
 Escapement range: 160,000-520,000

Salisbury Sound
 Harvest - 325,000; 10-yr average - 749,000
 Peak escapement est. - 299,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - 161,000; 10-yr average - 811,000
 Peak escapement est. - 241,000
 Escapement range: 210,000-700,000

West Crawfish Inlet
 Harvest - Not opened; 10-yr average - 50,000
 Peak escapement est. - 30,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - Confidential; 10-yr average - 19,000
 Peak escapement est. - 104,000
 Escapement range: 40,000-150,000

Peril Strait
 Harvest - Not opened; 10-yr average - 332,000
 Peak escapement est. - 235,000
 Escapement range: 320,000-760,000

Kelp Bay
 Harvest - 1,700; 10-yr average - 249,000
 Peak escapement est. - 35,000
 Escapement range: 60,000-140,000

Red Bluff Bay
 Harvest - Not opened; 10-yr average - 222,000
 Peak escapement est. - 17,000
 Escapement range: 90,000-210,000

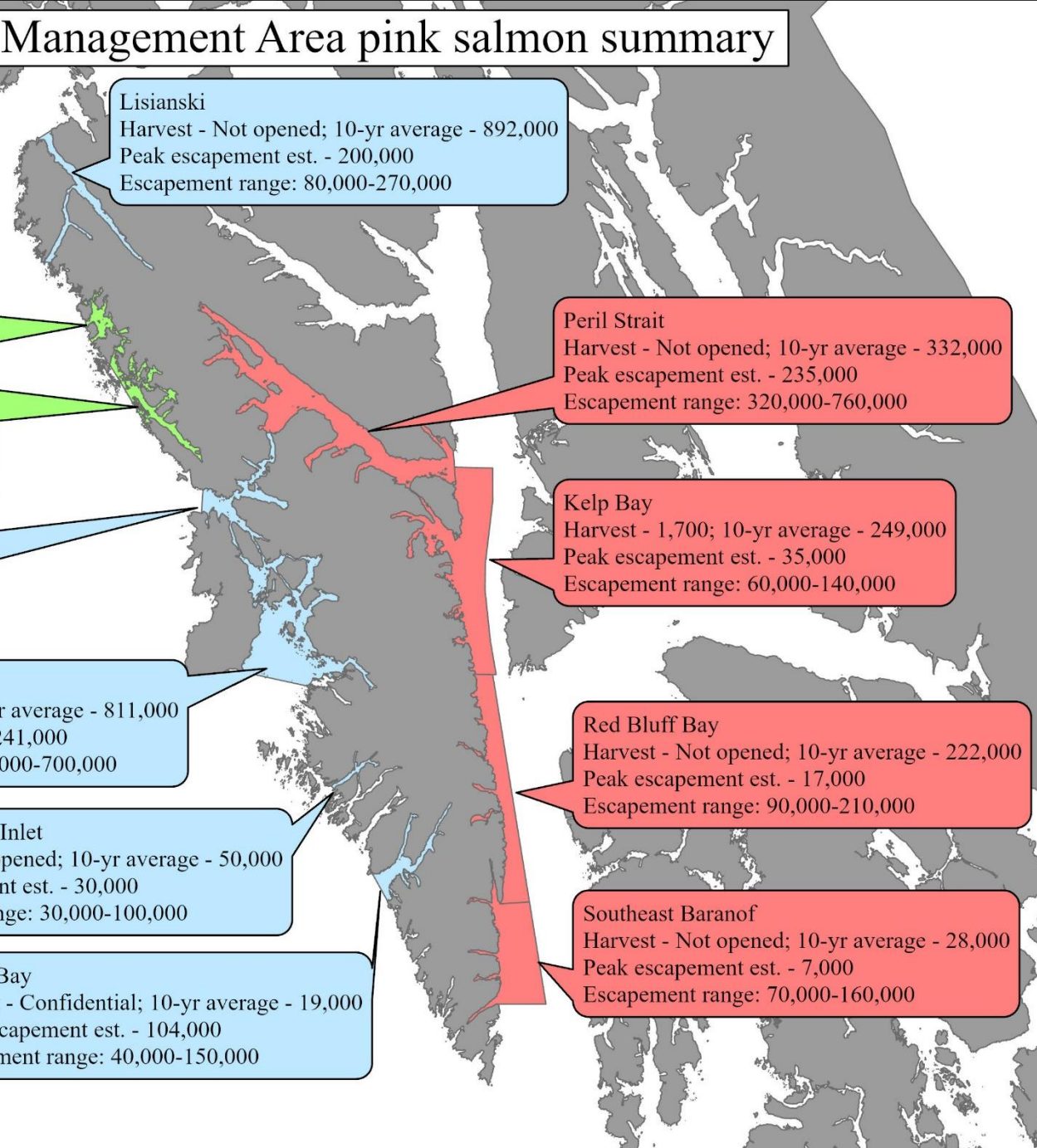
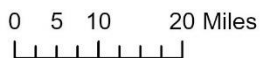
Southeast Baranof
 Harvest - Not opened; 10-yr average - 28,000
 Peak escapement est. - 7,000
 Escapement range: 70,000-160,000



Sitka stock groups

Pink salmon index goal

- Above Range
- Below Range
- Within Range



2020 Sitka Management Area pink salmon summary

Lisianski
 Harvest - Not opened; 10-yr average - 892,000
 Peak escapement est. - 118,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - 1,000; 10-yr average - 448,000
 Peak escapement est. - 197,000
 Escapement range: 40,000-130,000

Slocum Arm
 Harvest - 71,000; 10-yr average - 1,338,000
 Peak escapement est. - 396,000
 Escapement range: 160,000-520,000

Salisbury Sound
 Harvest - 111,000; 10-yr average - 749,000
 Peak escapement est. - 408,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - 160,000; 10-yr average - 811,000
 Peak escapement est. - 495,000
 Escapement range: 210,000-700,000

West Crawfish Inlet
 Harvest - 3,000; 10-yr average - 50,000
 Peak escapement est. - 63,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - 1,000; 10-yr average - 19,000
 Peak escapement est. - 88,000
 Escapement range: 40,000-150,000

Peril Strait
 Harvest - Not opened; 10-yr average - 332,000
 Peak escapement est. - 431,000
 Escapement range: 320,000-760,000

Kelp Bay
 Harvest - Not opened; 10-yr average - 249,000
 Peak escapement est. - 117,000
 Escapement range: 60,000-140,000

Red Bluff Bay
 Harvest - Not opened; 10-yr average - 222,000
 Peak escapement est. - 66,000
 Escapement range: 90,000-210,000

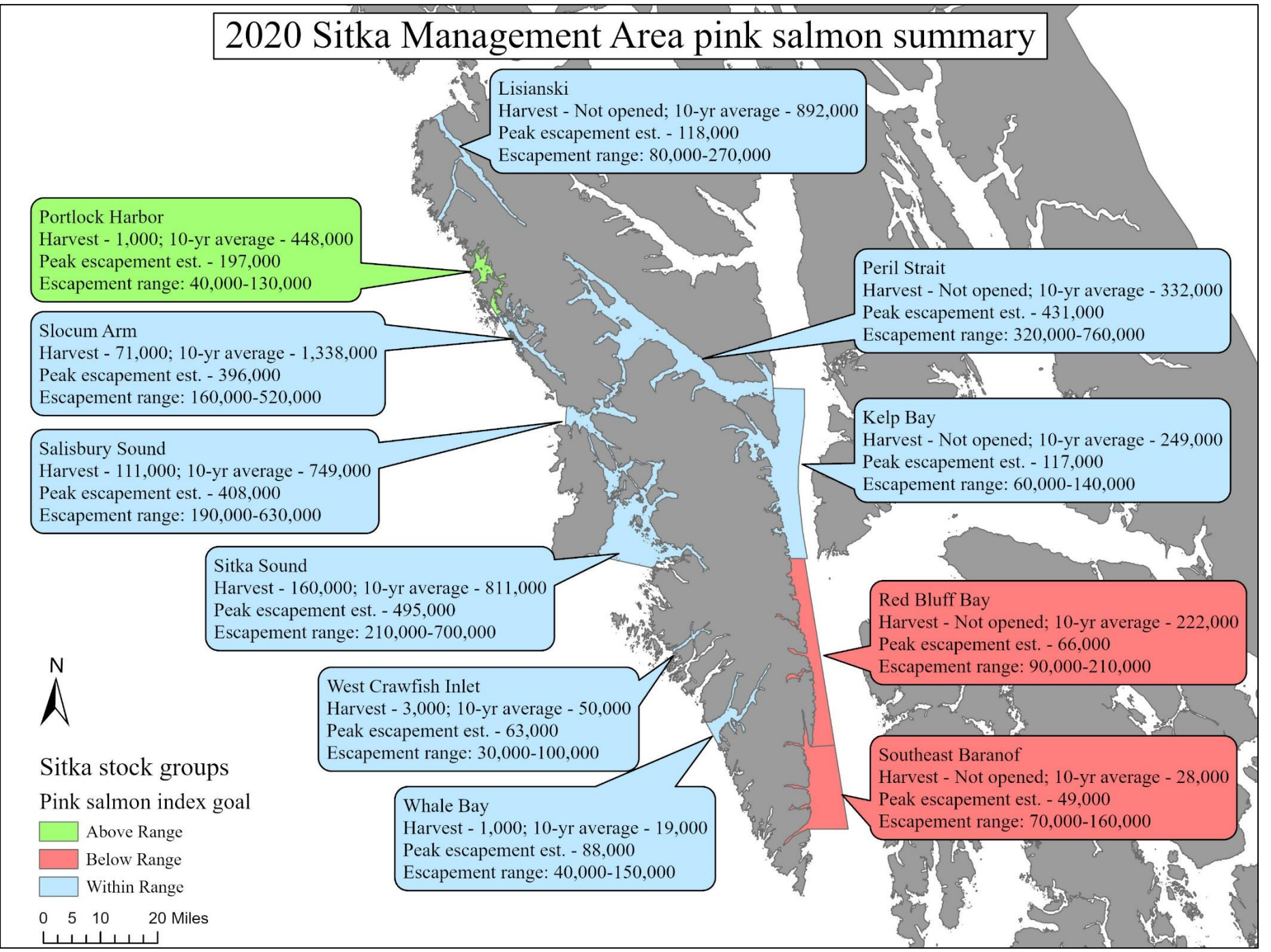
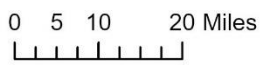
Southeast Baranof
 Harvest - Not opened; 10-yr average - 28,000
 Peak escapement est. - 49,000
 Escapement range: 70,000-160,000



Sitka stock groups

Pink salmon index goal

- Above Range
- Below Range
- Within Range



Sitka Management Area pink salmon run comparison 2020 vs 2018

Lisianski
2020 - 118,000 pinks
2018 - 200,000 pinks

Portlock Harbor
2020 - 198,000 pinks
2018 - 521,000 pinks

Slocum Arm
2020 - 467,000 pinks
2018 - 1,566,000 pinks

Salisbury Sound
2020 - 519,000 pinks
2018 - 624,000 pinks

Sitka Sound
2020 - 655,000 pinks
2018 - 402,000 pinks

West Crawfish
2020 - 66,000 pinks
2018 - 30,000 pinks

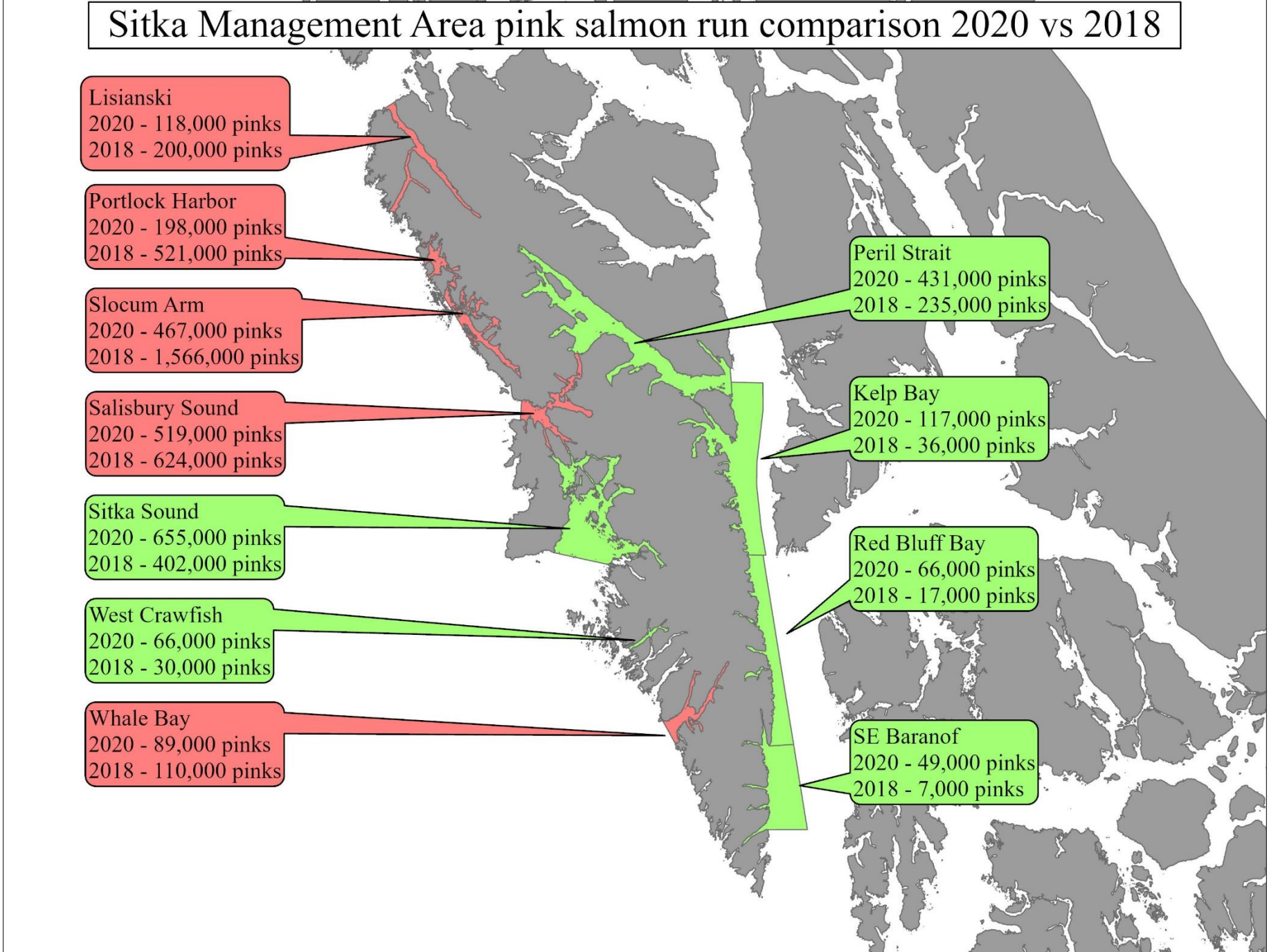
Whale Bay
2020 - 89,000 pinks
2018 - 110,000 pinks

Peril Strait
2020 - 431,000 pinks
2018 - 235,000 pinks

Kelp Bay
2020 - 117,000 pinks
2018 - 36,000 pinks

Red Bluff Bay
2020 - 66,000 pinks
2018 - 17,000 pinks

SE Baranof
2020 - 49,000 pinks
2018 - 7,000 pinks



2019 Sitka Management Area pink salmon summary

Lisianski
 Harvest - 208,000; 10-yr average - 892,000
 Peak escapement est. - 283,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - 87,000; 10-yr average - 448,000
 Peak escapement est. - 342,000
 Escapement range: 40,000-130,000

Slocum Arm
 Harvest - 633,000; 10-yr average - 1,338,000
 Peak escapement est. - 373,000
 Escapement range: 160,000-520,000

Salisbury Sound
 Harvest - 93,000; 10-yr average - 749,000
 Peak escapement est. - 258,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - 24,000; 10-yr average - 811,000
 Peak escapement est. - 125,000
 Escapement range: 210,000-700,000

West Crawfish Inlet
 Harvest - 1,000; 10-yr average - 50,000
 Peak escapement est. - 9,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - 37,000; 10-yr average - 19,000
 Peak escapement est. - 143,000
 Escapement range: 40,000-150,000

Peril Strait
 Harvest - Not opened; 10-yr average - 332,000
 Peak escapement est. - 202,000
 Escapement range: 320,000-760,000

Kelp Bay
 Harvest - Not opened; 10-yr average - 249,000
 Peak escapement est. - 139,000
 Escapement range: 60,000-140,000

Red Bluff Bay
 Harvest - 30,000; 10-yr average - 222,000
 Peak escapement est. - 81,000
 Escapement range: 90,000-210,000

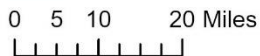
Southeast Baranof
 Harvest - Not opened; 10-yr average - 28,000
 Peak escapement est. - 105,000
 Escapement range: 70,000-160,000



Sitka stock groups

Pink salmon index goal

- █ Above Range
- █ Below Range
- █ Within Range



2020 chum salmon

- Monitored wild chum salmon runs performed poorly within the Sitka Management Area in 2020.
- Peak chum salmon escapements were below management targets for both inside and outside areas.
- There were no seine openings in the Sitka Management Area to target wild chum salmon in 2020.

2020 chum salmon: West Crawfish Inlet

- Used seine openings to reduce negative impacts of straying hatchery produced chum salmon.
- Openings were concurrent with Deep Inlet and/or Crawfish Inlet SHA openings.
- Boundaries chosen to reduce impacts on wild stocks and reduce conflict with the troll fishery.
- Few chum salmon were present in W. Crawfish Inlet chum salmon index stream in September.