

Submitted by the Alaska Department of Fish and Game.

March 15, 2022

Southeast Alaska red king crab biomass, guideline harvest level, and harvest, 2021 taken from RIR 1J22-02.

Table 7.—Summary of 2021 commercial red king crab fishery GHL calculations (in pounds) and harvest rate recommendations for the 7 surveyed areas and non-surveyed areas. Mature biomass is adjusted with the mark-recapture experiment. Biomass of non-surveyed areas was expanded to be 47.2% of the region.

Survey area	Legal biomass (adj)	Mature biomass (adj)	Mature HR	Total GHL	Personal Use catch	2021 Commercial GHL(lb)
Pybus Bay	116,874	122,427	0	0	0	0
Gambier Bay	53,293	58,281	0	0	0	0
Seymour Canal	158,946	158,946	0	0	0	0
Peril Strait	15,963	58,947	0	0	0	0
Juneau ^a	308,746	377,095	0.07	26,397	15,838	10,559
Lynn Sisters	46,965	69,252	0	0	0	0
Excursion Inlet	54,550	65,785	0	0	0	0
BKC	8,007	9,654	n/a	—	—	0
Non-surveyed areas	675,226	814,141	0.10	81,414	1,000	80,414
Total	1,438,571	1,734,528				90,973

^aThe Juneau area was open to personal use harvest in summer 2021 at a harvest rate of 7%.

“n/a” represents data that is not available or readily estimable from the other bays.