
2025 Tanner crab *Chionoecetes bairdi* Bottom Trawl Survey results for the Chignik District



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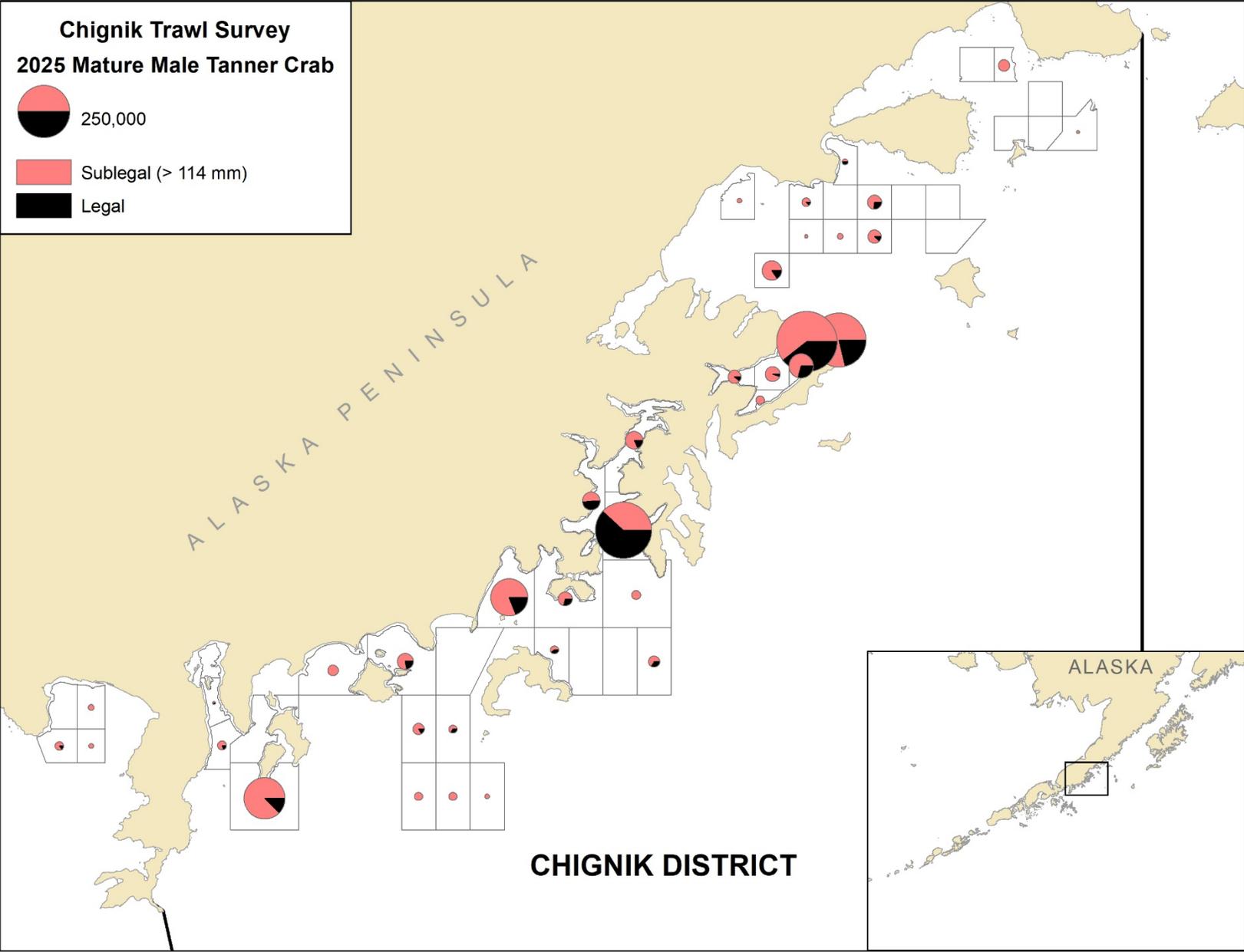


Figure 1.—Mature male Tanner crab abundance estimates in the Chignik District from the 2025 Chignik trawl survey.

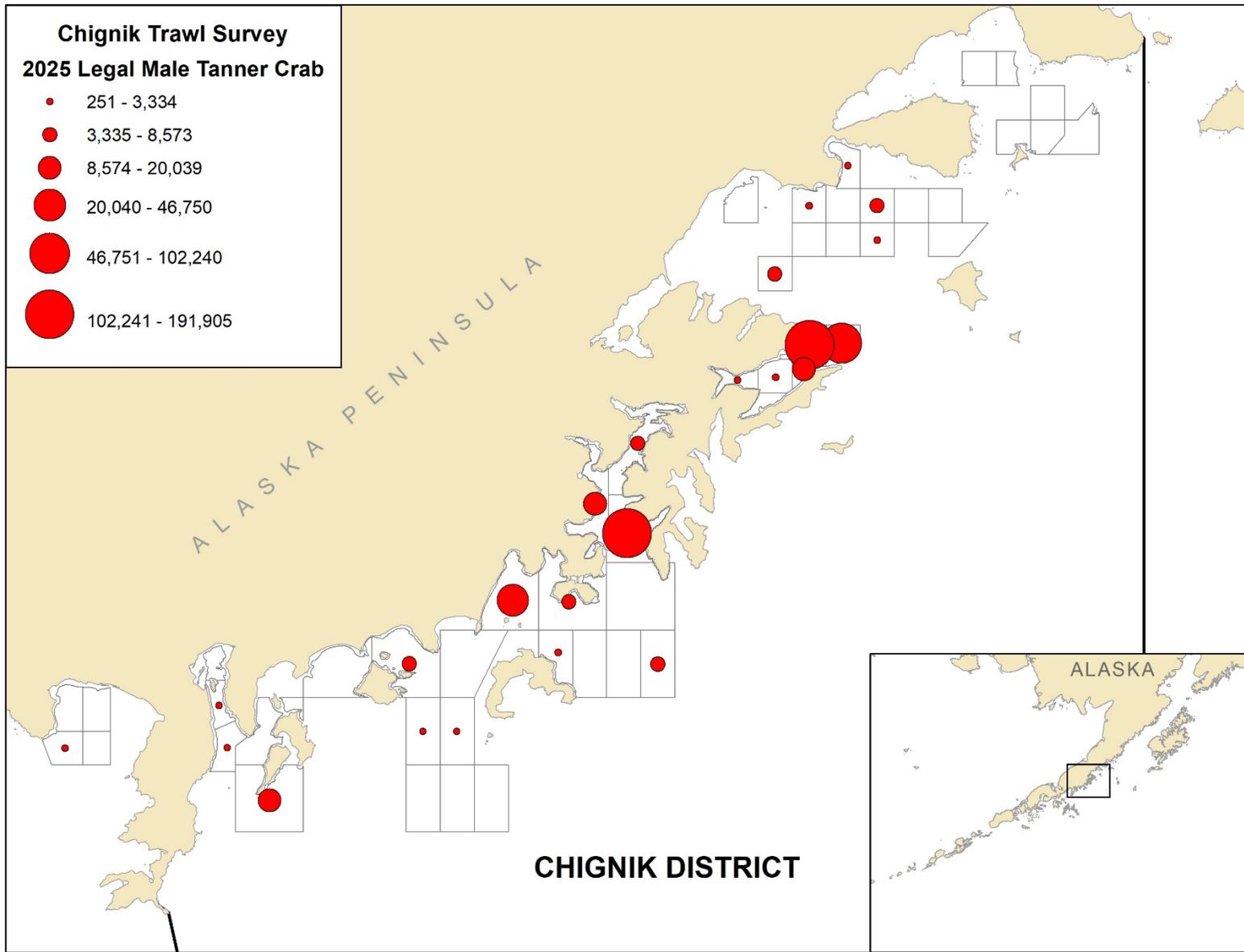


Figure 2.—Legal-size male Tanner crab abundance estimates in the Chignik District from the 2025 Chignik trawl survey.

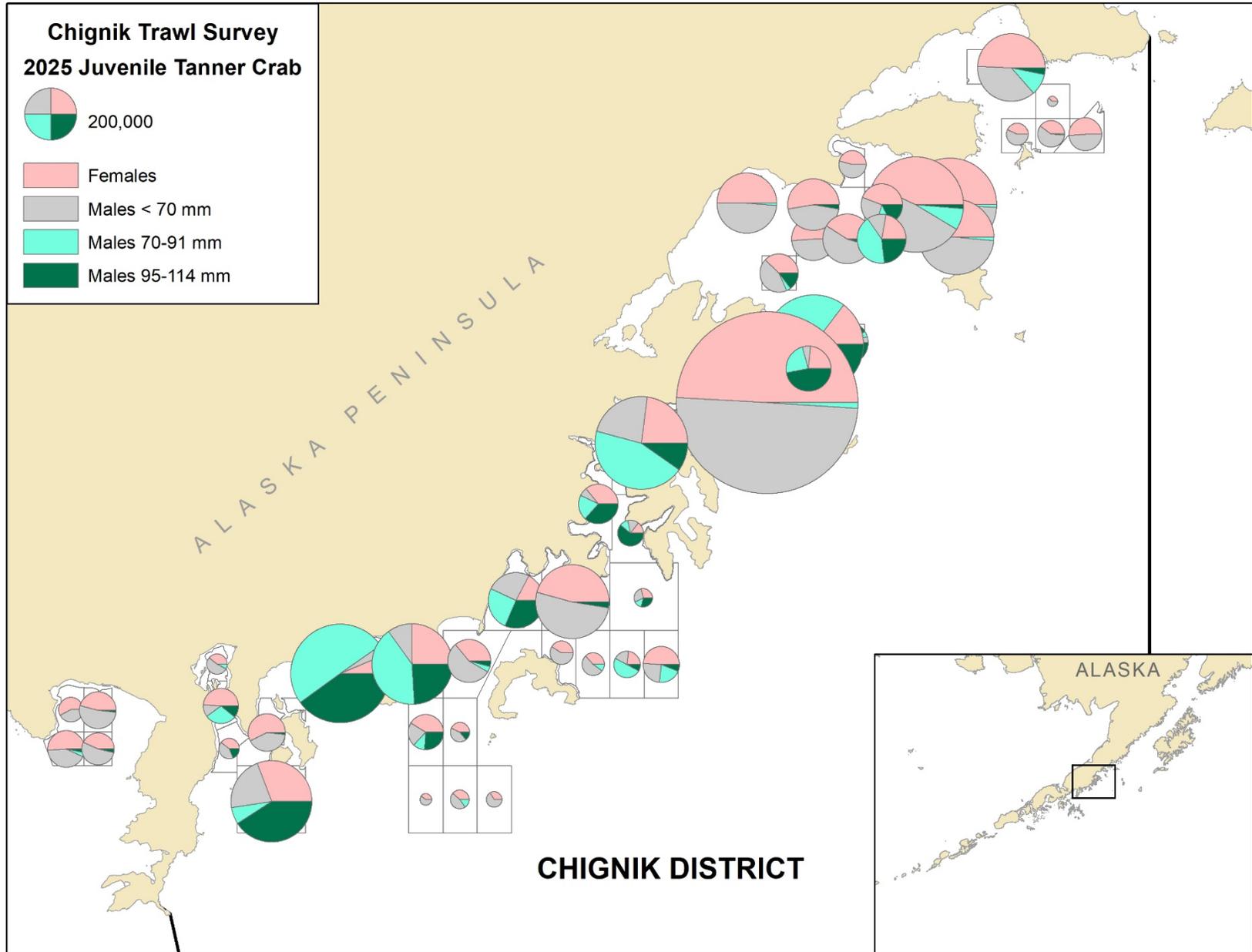


Figure 3.—Juvenile Tanner crab abundance estimates in the Chignik District from the 2025 Chignik trawl survey.

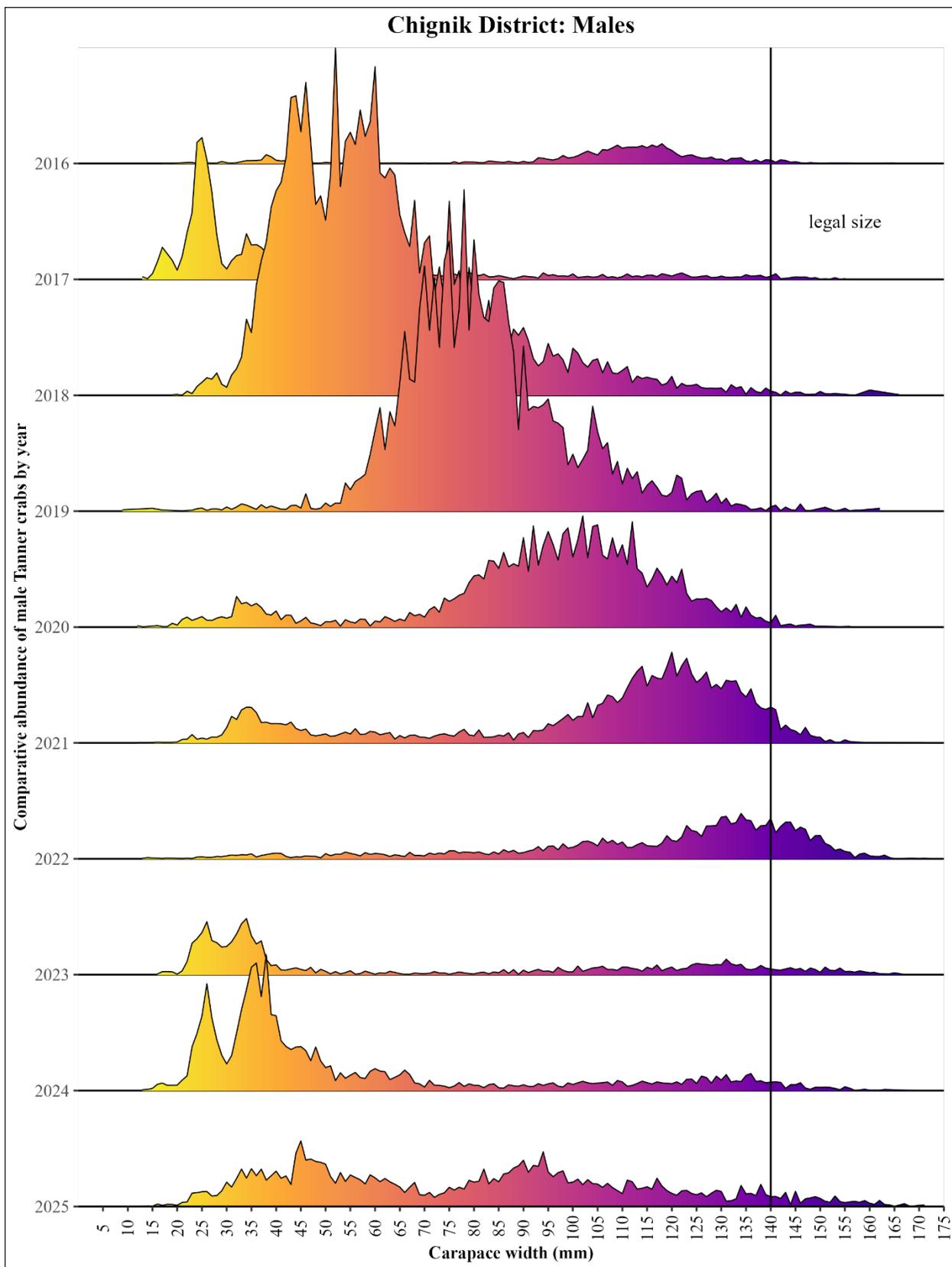


Figure 4.—Male Tanner crab abundance estimates by size, 2016–2025 Chignik District trawl surveys.

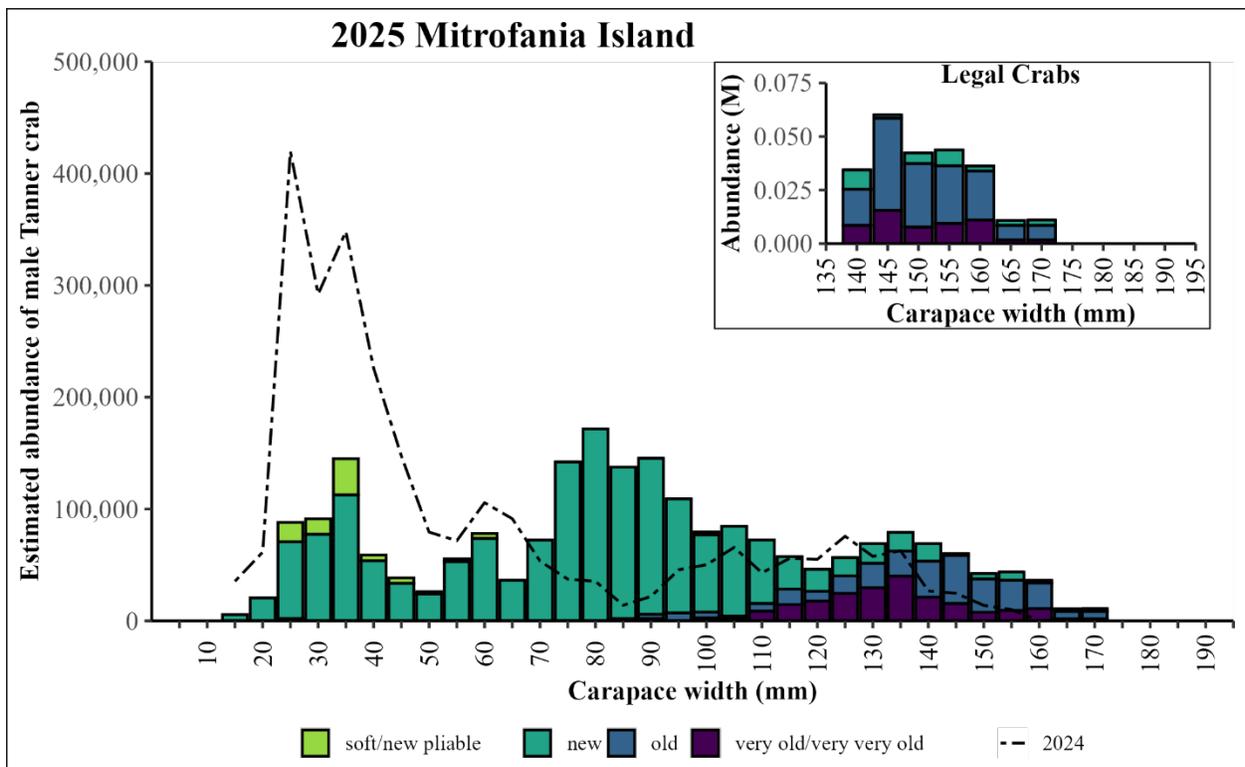
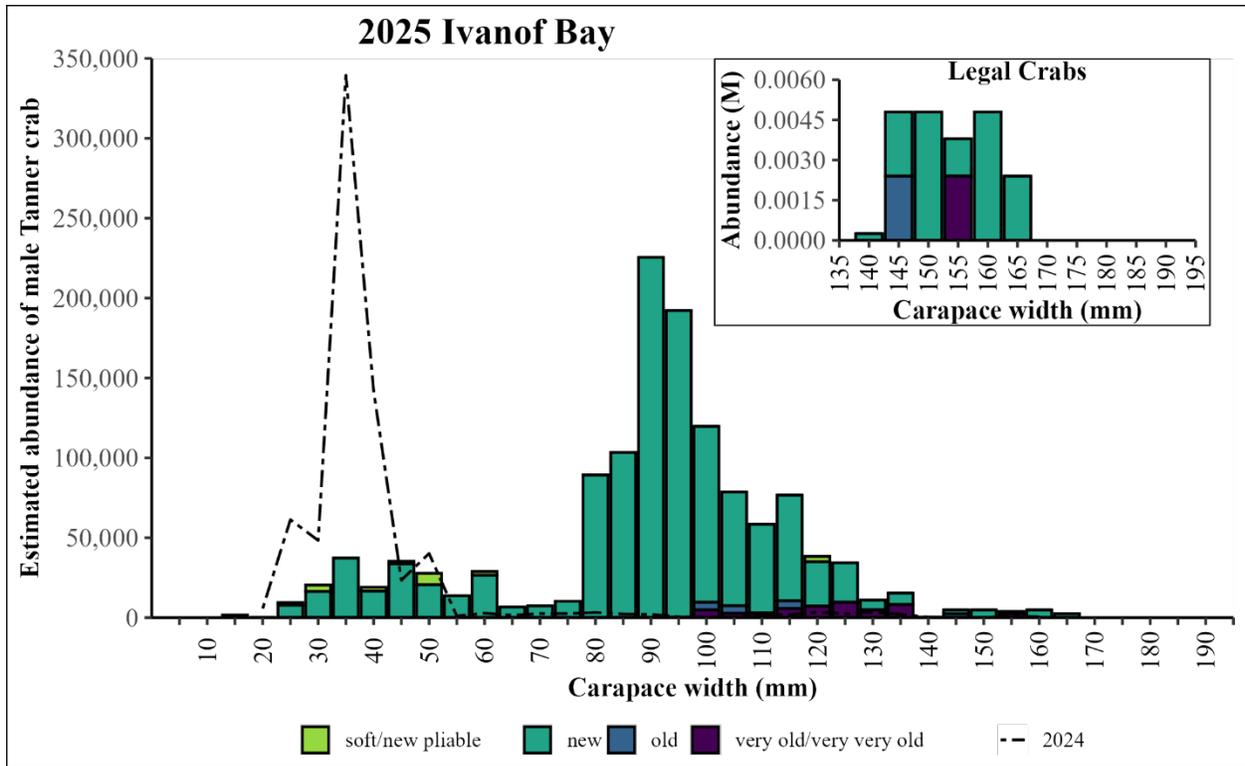


Figure 5.—Male Tanner crab abundance estimates by size and shell condition in Ivanof Bay and Mitrofanina Island in the Chignik District, with legal insets, 2025 trawl survey.

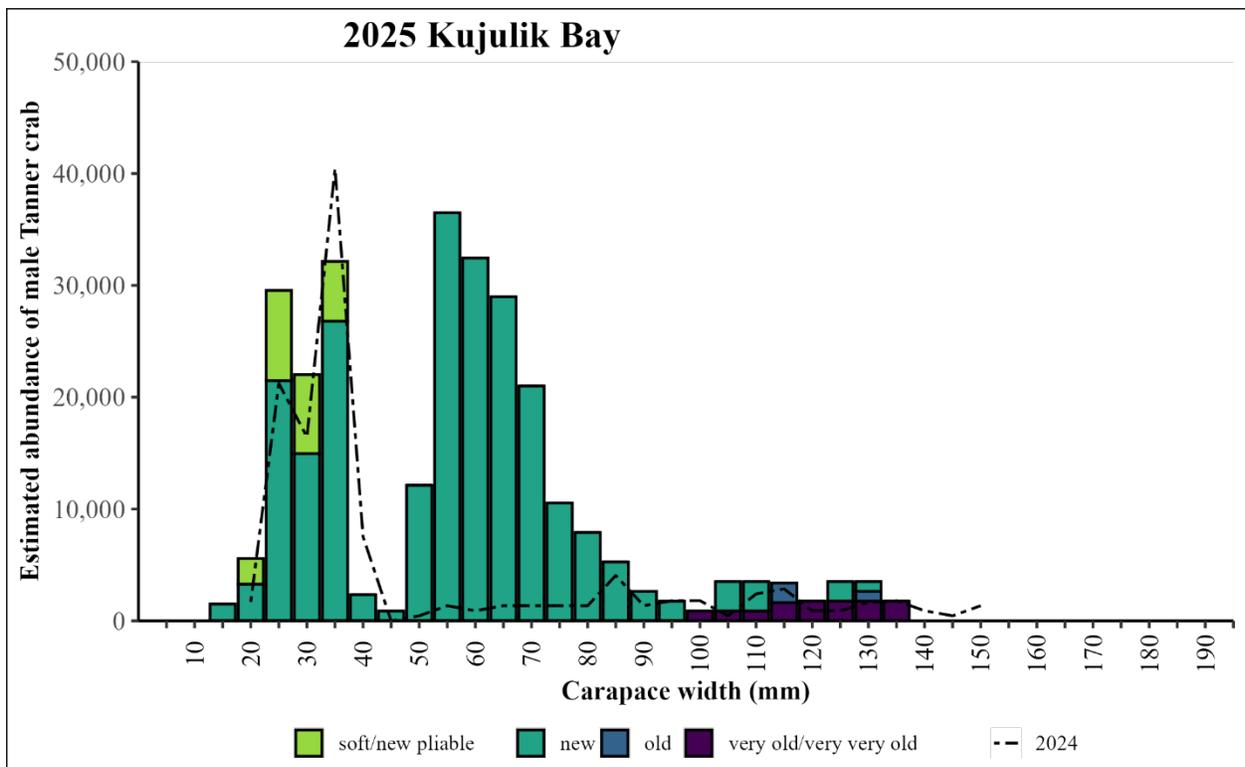
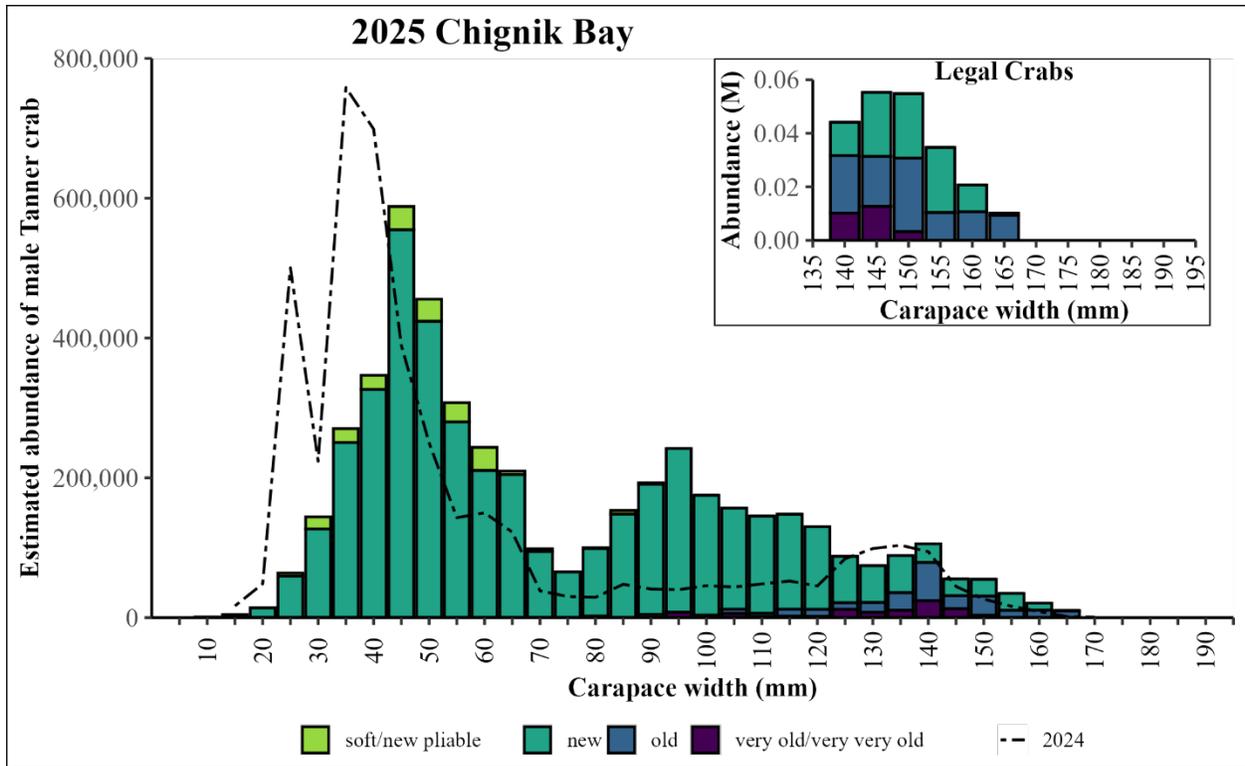


Figure 6.—Male Tanner crab abundance estimates by size and shell condition in Chignik and Kujulik Bays in the Chignik District, with legal insets, 2025 trawl survey.

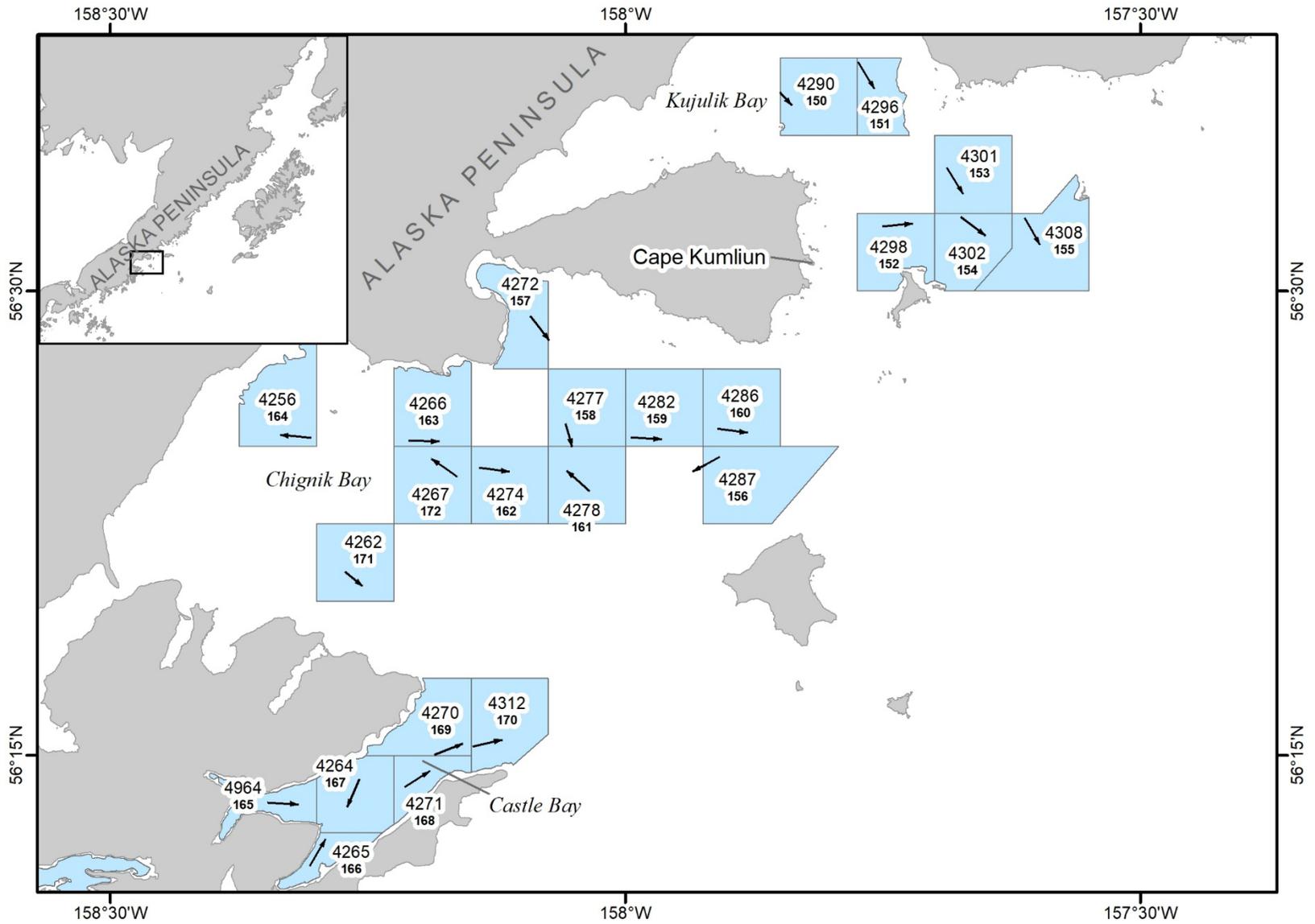


Figure 7.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Kujulik, Chignik, and Castle Bays, 2025.

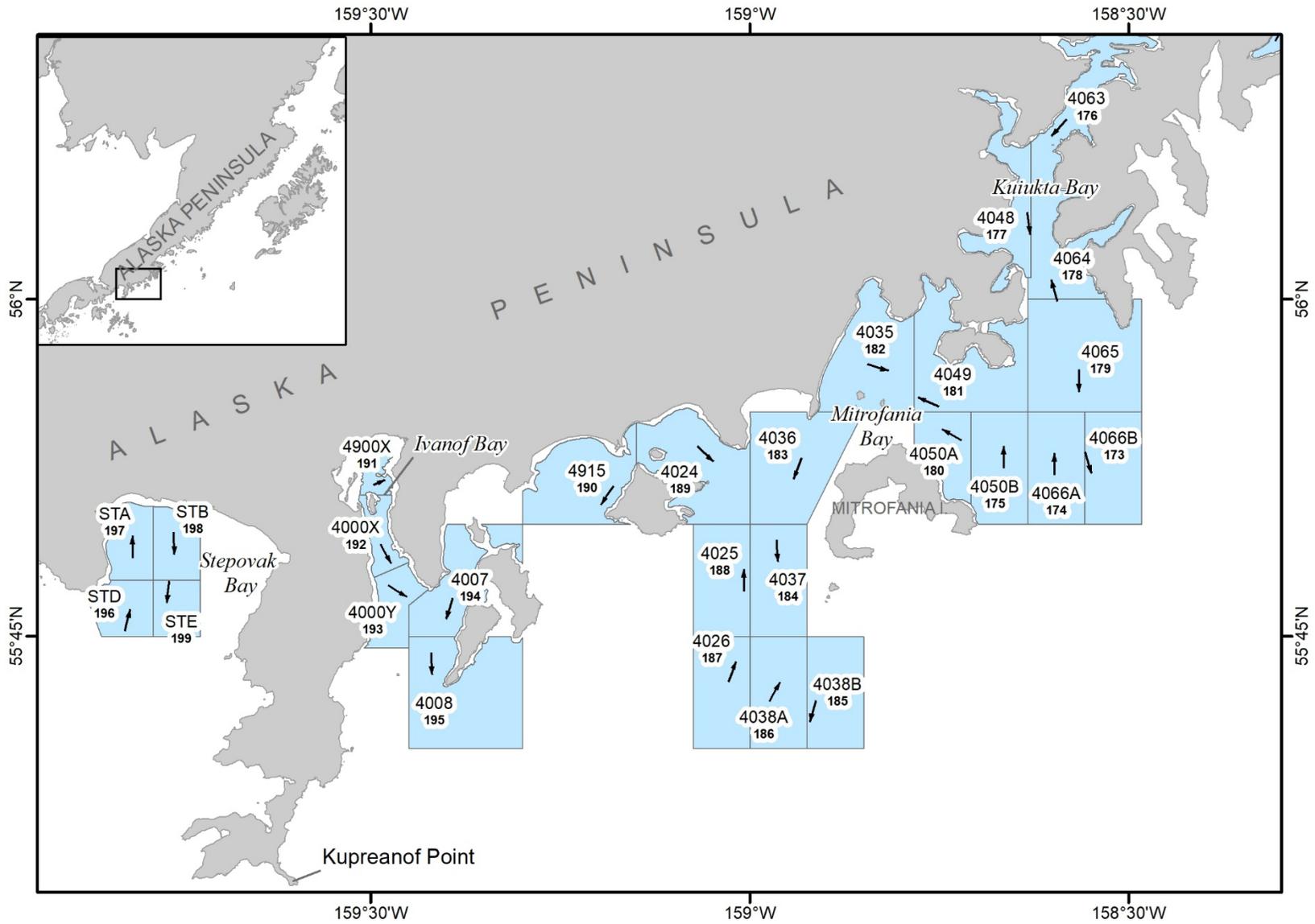


Figure 8.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Ivanof, and Kuiukta Bays, and Mitrofanía Island, 2025.

Table 1.—Tanner crab abundance estimates in the Chignik District by station, 2025.

Station	Haul no.	Females			Number sublegal males by size (CW)				Recruit males	Postrecruit males	Mature males	Legal males	Total males	Total crab
		Juvenile	Mature	Total	<70 mm	70–91 mm	92–114 mm	>114 mm						
Ivanof Bay														
4000X	192	43,440	251	43,691	9,793	26,114	9,542	753	251	0	1,004	251	46,454	90,145
4000Y	193	11,879	0	11,879	12,577	0	5,590	5,590	1,397	0	6,987	1,397	25,155	37,033
4007	194	57,737	0	57,737	41,241	0	1,650	0	0	0	0	0	42,890	100,628
4008	195	146,246	250,990	397,237	103,105	31,171	194,221	134,276	14,387	4,796	153,459	19,182	481,956	879,193
4900X	191	11,663	0	11,663	15,550	2,333	0	0	0	0	0	0	17,883	29,546
4915	190	44,758	44,758	89,516	23,341	353,453	280,095	10,003	0	0	10,003	0	666,892	756,408
Total		315,723	295,999	611,723	205,607	413,071	491,098	150,622	16,035	4,796	171,453	20,830	1,281,230	1,892,953
Mitrofanina Island														
4024	189	118,682	166,660	285,342	45,453	191,911	113,632	17,676	0	5,050	22,726	5,050	373,722	659,064
4025	188	36,740	305,523	342,263	19,337	9,668	23,204	9,668	0	1,934	11,602	1,934	63,812	406,074
4026	187	3,913	0	3,913	5,869	0	0	5,869	0	0	5,869	0	11,738	15,650
4035	182	38,983	28,587	67,570	57,175	57,175	70,169	101,355	0	23,390	124,745	23,390	309,262	376,832
4036	183	48,348	2,844	51,192	73,944	5,688	5,688	0	0	0	0	0	85,320	136,511
4037	184	11,602	3,867	15,469	11,602	0	3,867	3,867	0	1,934	5,801	1,934	21,271	36,740
4038A	186	9,684	0	9,684	11,620	3,873	0	5,810	0	0	5,810	0	21,304	30,988
4038B	185	5,810	1,937	7,747	11,620	0	0	1,937	0	0	1,937	0	13,557	21,304
4048	177	40,521	25,715	66,236	7,792	23,377	41,300	14,806	12,468	1,558	28,832	14,026	101,302	167,538
4049	181	180,511	7,521	188,033	203,075	0	10,028	12,536	0	5,014	17,550	5,014	230,653	418,686
4050A	180	16,056	3,441	19,496	22,937	0	0	3,441	0	2,294	5,735	2,294	28,671	48,167
4050B	175	13,313	1,902	15,214	19,018	3,804	0	0	0	0	0	0	22,821	38,036
4063	176	142,733	13,522	156,255	142,192	276,768	60,940	22,852	2,539	2,539	27,930	5,078	507,830	664,086
4064	178	6,768	109,977	116,745	6,768	5,076	28,763	108,285	11,844	164,120	284,249	175,963	324,855	441,600
4065	179	7,159	0	7,159	7,159	3,580	7,159	7,159	0	0	7,159	0	25,057	32,217
4066A	174	11,575	27,008	38,583	9,646	25,079	3,858	0	0	0	0	0	38,583	77,165
4066B	173	46,299	23,150	69,449	23,150	19,291	5,787	7,717	0	3,858	11,575	3,858	59,803	129,252
Total		738,697	721,654	1,460,350	678,357	625,290	374,395	322,978	26,851	211,691	561,520	238,541	2,239,561	3,699,910

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Table 1.–Page 2 of 2.

Station	Haul no.	Females			Number sublegal males by size (CW)				Recruit males	Postrecruit males	Mature males	Legal males	Total males	Total crab
		Juvenile	Mature	Total	<70 mm	70–91 mm	92–114 mm	>114 mm						
Chignik Bay														
4256	164	129,343	995	130,338	126,358	2,985	1,990	1,990	0	0	1,990	0	133,323	263,660
4262	171	40,316	18,207	58,523	46,818	3,902	15,606	28,611	3,902	1,301	33,814	5,202	100,140	158,663
4264	167	125,393	19,025	144,418	40,206	88,659	60,824	18,557	0	1,031	19,588	1,031	209,276	353,694
4265	166	1,170,960	0	1,170,960	1,190,036	24,664	6,166	6,166	0	0	6,166	0	1,227,032	2,397,992
4266	163	101,511	8,603	110,114	86,027	1,721	5,162	6,022	860	0	6,882	860	99,791	209,905
4267	172	70,051	0	70,051	66,364	0	0	922	0	0	922	0	67,286	137,337
4270	169	102,752	1,188,067	1,290,819	4,668	200,722	396,777	200,722	23,340	107,363	331,425	130,703	933,592	2,224,412
4271	168	34,121	63,855	97,975	8,248	34,642	68,460	37,942	13,197	2,474	53,613	15,672	164,963	262,939
4272	157	25,122	0	25,122	29,309	0	0	1,396	1,396	0	2,792	1,396	32,101	57,223
4274	162	72,378	7,520	79,898	95,877	1,880	6,580	2,820	0	0	2,820	0	107,157	187,055
4277	158	55,280	52,877	108,157	33,649	14,421	21,631	13,219	1,202	3,605	18,026	4,807	87,727	195,884
4278	161	38,539	22,559	61,098	21,619	73,318	40,419	14,100	0	1,880	15,980	1,880	151,336	212,434
4282	159	283,176	45,308	328,484	319,377	47,450	9,125	0	0	0	0	0	375,952	704,436
4286	160	204,915	0	204,915	415,750	6,299	0	0	0	0	0	0	422,049	626,963
4287	156	198,478	2,497	200,974	198,478	6,241	2,497	0	0	0	0	0	207,216	408,190
4312	170	0	311,576	311,576	6,057	6,057	127,193	207,950	50,473	6,057	264,480	56,530	403,787	715,362
4964	165	37,394	4,570	41,965	26,176	7,479	15,789	13,711	1,246	415	15,372	1,662	64,817	106,781
Total		2,689,729	1,745,659	4,435,387	2,715,017	520,440	778,219	554,128	95,616	124,126	773,870	219,743	4,787,545	9,222,930
Kujulik Bay														
4290	150	0	0	0	0	0	0	0	0	0	0	0	0	0
4296	151	163,547	2,491	166,037	122,943	34,248	10,538	12,294	0	0	12,294	0	180,024	346,061
4298	152	14,997	0	14,997	19,997	0	0	0	0	0	0	0	19,997	34,994
4301	153	2,815	0	2,815	4,692	0	0	0	0	0	0	0	4,692	7,508
4302	154	20,764	0	20,764	30,347	799	0	0	0	0	0	0	31,146	51,909
4308	155	39,855	752	40,607	38,351	0	0	752	0	0	752	0	39,103	79,710
Total		241,978	3,243	245,220	216,330	35,047	10,538	13,046	0	0	13,046	0	274,962	520,182
Chignik District Total		3,986,125	2,766,554	6,752,679	3,815,312	1,593,848	1,654,249	1,040,774	138,502	340,613	1,519,888	479,115	8,583,297	15,335,976

Table 2.—Fishing log from the Chignik District trawl survey, 2025.

Haul	150	151	152	153	154	155	156	157	158	159	160	161	162
Location	Kujulik	Kujulik	Kujulik	Kujulik	Kujulik	Kujulik	Chignik						
Month/Day/Year	07-31-25	07-31-25	07-31-25	07-31-25	07-31-25	07-31-25	07-31-25	08-01-25	08-01-25	08-01-25	08-01-25	08-01-25	08-01-25
Station	4290	4296	4298	4301	4302	4308	4287	4272	4277	4282	4286	4278	4274
Longitude Start (W)	157°51.02'	157°46.44'	157°45.05'	157°41.29'	157°40.48'	157°36.75'	157°54.51'	158°05.56'	158°03.49'	157°59.70'	157°54.67'	158°02.08'	158°08.56'
Latitude Start (N)	56°36.41'	56°37.37'	56°32.09'	56°33.98'	56°32.40'	56°32.37'	56°24.66'	56°29.22'	56°25.74'	56°25.29'	56°25.57'	56°23.55'	56°24.32'
Heading, Degrees	130	153	84	154	126	151	244	141	166	93	95	311	100
Average Depth (m)	27.43	71.31	87.77	89.6	100.5	137.1	192	118.8	181	195.6	166.4	192	170
Distance Fished (km)	1.074	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.463	1.852	1.87	1.87	1.87
Haul	163	164	165	166	167	168	169	170	171	172	173	174	175
Location	Chignik	Chignik	Castle	Castle	Castle	Castle	Castle	Castle	Chignik	Chignik	Mitro.	Mitro.	Mitro.
Month/Day/Year	08-01-25	08-01-25	08-02-25	08-02-25	08-02-25	08-02-25	08-02-25	08-02-25	08-02-25	08-03-25	08-03-25	08-03-25	08-03-25
Station	4266	4256	4964	4265	4264	4271	4270	4312	4262	4267	4066B	4066A	4050B
Longitude Start (W)	158°12.67'	158°18.32'	158°20.89'	158°18.41'	158°15.52'	158°12.87'	158°11.15'	158°08.92'	158°16.34'	158°09.81'	158°33.46'	158°35.90'	158°39.91'
Latitude Start (N)	56°25.20'	56°25.28'	56°13.48'	56°11.41'	56°14.24'	56°13.98'	56°15.03'	56°15.30'	56°20.95'	56°24.01'	55°53.23'	55°52.18'	55°52.49'
Heading, Degrees	94	269	88	28	208	58	71	85	133	307	164	260	0
Average Depth (m)	153.6	96.92	71.31	58.51	76.8	95.09	104.2	131.6	76.8	124.3	120.6	115.2	118.8
Distance Fished (km)	1.87	1.852	1.889	1.907	1.87	1.796	1.87	1.852	1.351	1.907	1.852	1.852	1.852
Haul	176	177	178	179	180	181	182	183	184	185	186	187	188
Location	Kuiukta	Kuiukta	Kuiukta	Mitro.									
Month/Day/Year	08-04-25	08-04-25	08-04-25	08-04-25	08-04-25	08-04-25	08-04-25	08-05-25	08-05-25	08-05-25	08-05-25	08-05-25	08-05-25
Station	4063	4048	4064	4065	4050A	4049	4035	4036	4037	4038B	4038A	4026	4025
Longitude Start (W)	158°34.90'	158°38.04'	158°35.64'	158°33.95'	158°43.25'	158°45.02'	158°50.71'	158°55.89'	158°57.90'	158°54.77'	158°58.45'	159°01.70'	159°00.47'
Latitude Start (N)	56°07.96'	56°03.85'	55°59.90'	55°56.88'	55°53.73'	55°55.25'	55°57.14'	55°52.97'	55°49.32'	55°42.16'	55°42.11'	55°42.98'	55°47.01'
Heading, Degrees	221	180	345	181	302	292	106	201	178	193	26	14	358
Average Depth (m)	151.7	173.7	155.4	106	138.9	146.2	142.6	128	129.8	149.9	146.2	142.6	124.3
Distance Fished (km)	1.87	1.852	1.87	1.833	1.852	1.87	1.87	1.87	1.852	1.852	1.852	1.833	1.852
Haul	189	190	191	192	193	194	195						
Location	Mitro.	Ivanof	Ivanof	Ivanof	Ivanof	Ivanof	Ivanof						
Month/Day/Year	08-05-25	08-05-25	08-06-25	08-06-25	08-06-25	08-06-25	08-06-25						
Station	4024	4915	4900X	4000X	4000Y	4007	4008						
Longitude Start (W)	159°04.17'	159°10.80'	159°29.83'	159°29.26'	159°28.65'	159°23.51'	159°25.22'						
Latitude Start (N)	55°53.50'	55°51.72'	55°51.75'	55°49.12'	55°47.30'	55°46.74'	55°44.28'						
Heading, Degrees	135	218	62	155	110	193	173						
Average Depth (m)	100.5	65.83	38.4	73.14	84.12	89.6	104.2						
Distance Fished (km)	1.87	1.87	1.092	1.814	1.852	1.852	1.833						