
2022/2023 Tanner crab *Chionoecetes bairdi* Bottom Trawl Survey results for the Kodiak District



Alaska Department of Fish and Game
351 Research Court
Kodiak, AK 99615

November 2023

Alaska Department of Fish and Game

Division of Commercial Fisheries



TABLE OF CONTENTS

Figure	Page
1. Mature male Tanner crab abundance estimates in the Kodiak District from the 2022 Kodiak trawl survey.....	1
2. Legal-size male Tanner crab abundance estimates in the Kodiak District from the 2022 Kodiak trawl survey.....	2
3. Legal-size male Tanner crab abundance estimates in the Eastside Section of the Kodiak District from the 2022 Kodiak trawl survey.....	3
4. Legal-size male Tanner crab abundance estimates in the Southeast Section of the Kodiak District from the 2022 Kodiak trawl survey.....	4
5. Legal-size male Tanner crab abundance estimates in the Southeast Section of the Kodiak District from the 2022 Kodiak trawl survey.....	5
6. Male Tanner crab abundance estimates by size, 2013–2023 Kodiak District trawl surveys (legal crab lightly shaded).....	6
7. Male Tanner crab abundance estimates by size and shell condition in the Eastside and Southeast Sections of the Kodiak District, with legal insets, 2023 trawl survey.	7
8. Male Tanner crab abundance estimates by size and shell condition in the Southwest Section of the Kodiak District, with legal inset, 2023 trawl survey.	8
9. Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Ugak Bay, Kiliuda Bay, and Barnabas Gully, 2022.....	9
10. Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), South Sitkalidak Strait, Twoheaded Island, and Horse’s Head area, 2022.....	10
11. Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Alitak Bay and Alitak Flats, 2022.....	11
12. Tanner crab harvest by statistical area from the Eastside, Southeast, and Southwest Sections of the 2023 Kodiak District Tanner crab fishery.....	12
13. Tanner crab harvest by statistical area from the Semidi Islands Section of the 2023 Kodiak District Tanner crab fishery.....	13

Table	Page
1. Tanner crab abundance estimates in the Kodiak District by station, 2022.....	14
2. Fishing log from the Kodiak District trawl survey, 2022.....	18

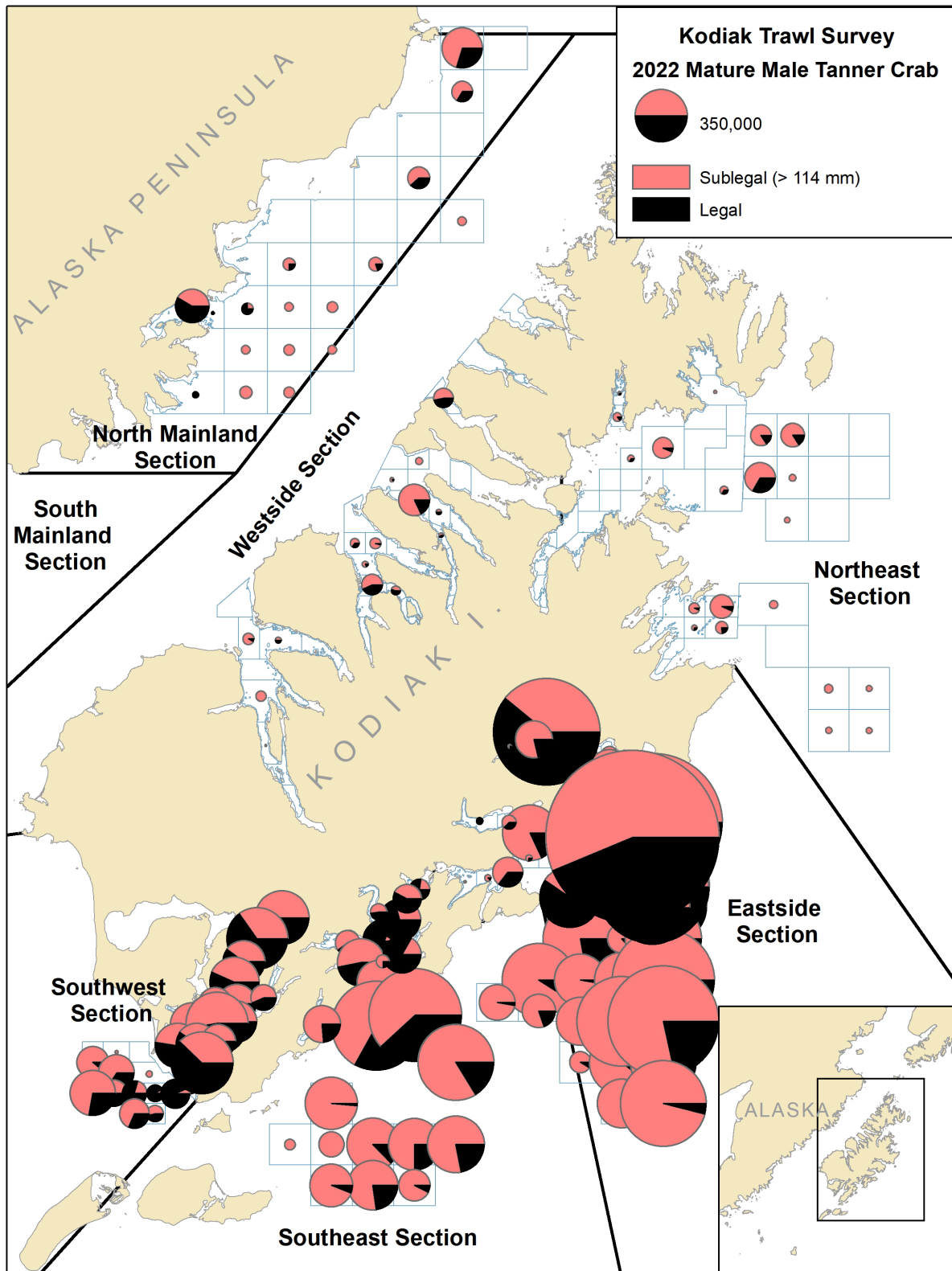


Figure 1.—Mature male Tanner crab abundance estimates in the Kodiak District from the 2022 Kodiak trawl survey.

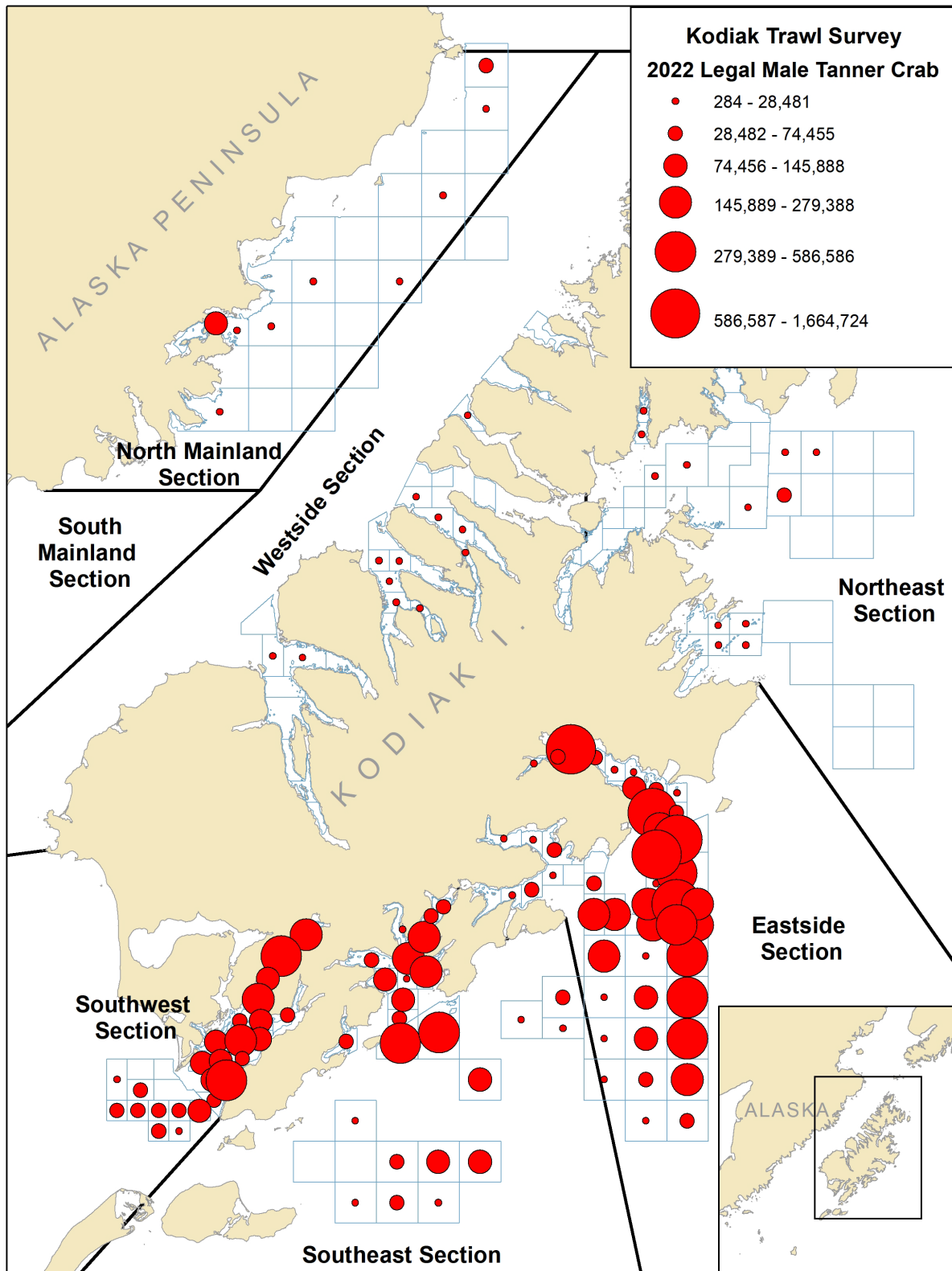


Figure 2.—Legal-size male Tanner crab abundance estimates in the Kodiak District from the 2022 Kodiak trawl survey.

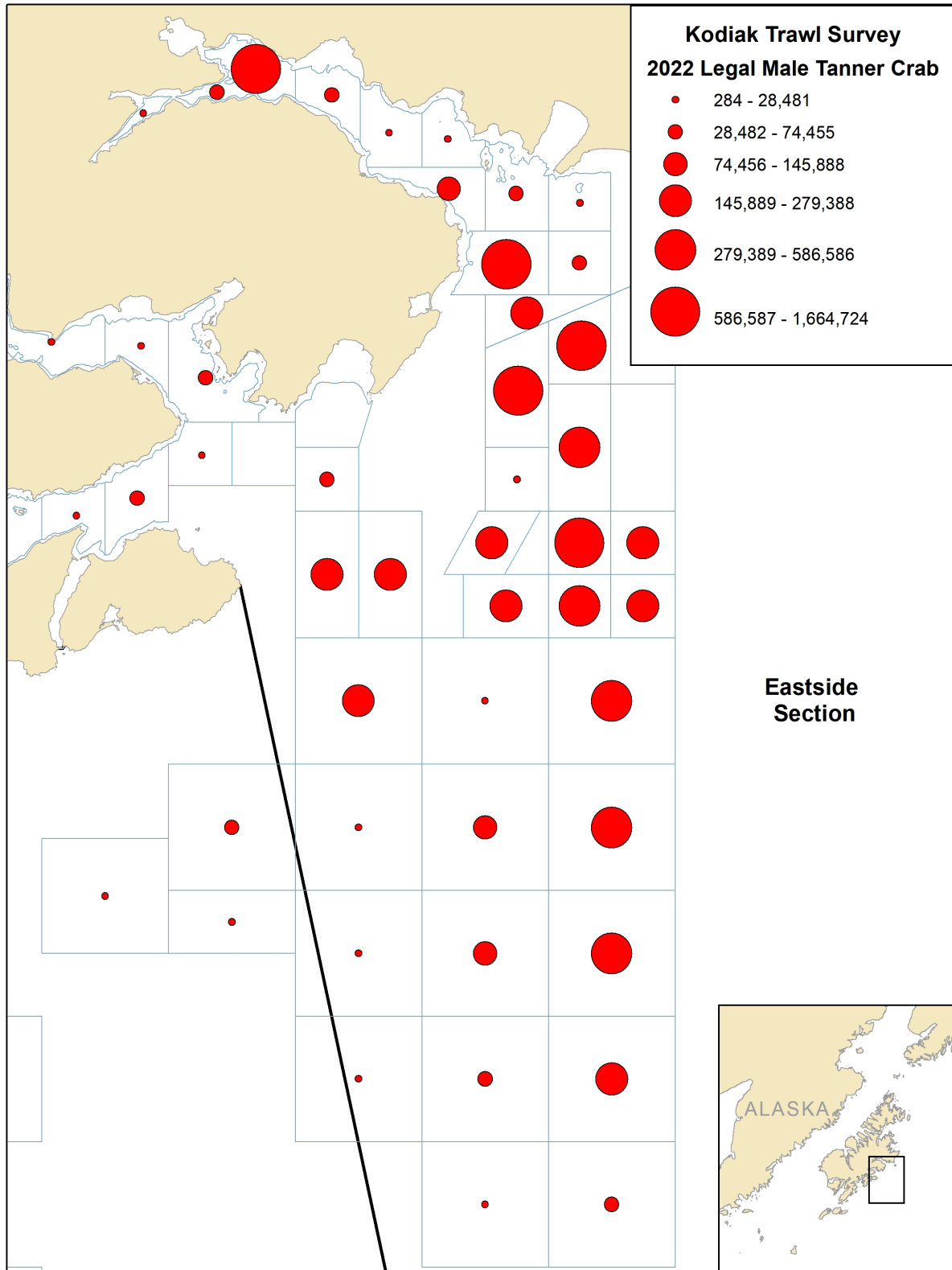


Figure 3.—Legal-size male Tanner crab abundance estimates in the Eastside Section of the Kodiak District from the 2022 Kodiak trawl survey.

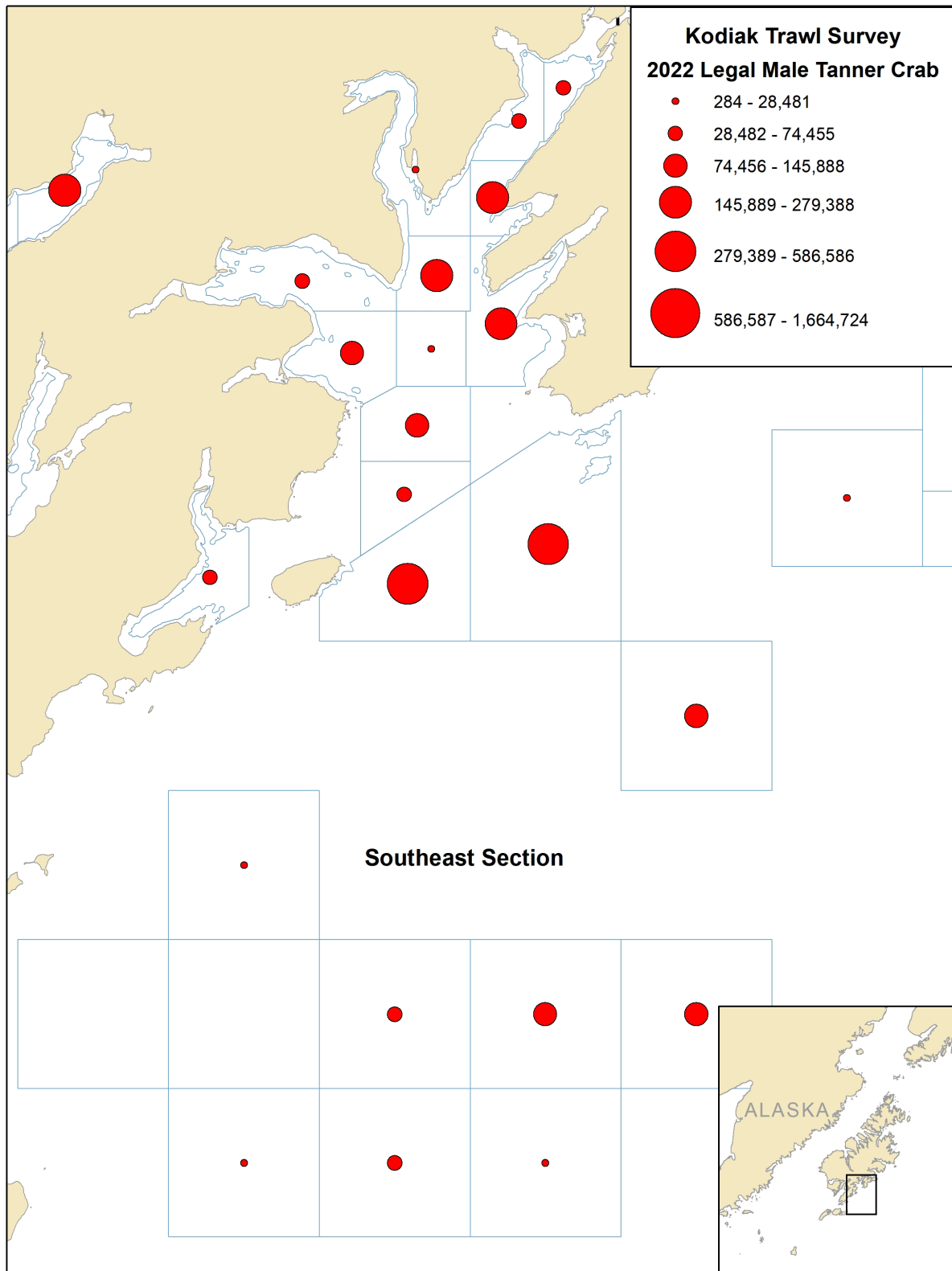


Figure 4.—Legal-size male Tanner crab abundance estimates in the Southeast Section of the Kodiak District from the 2022 Kodiak trawl survey.

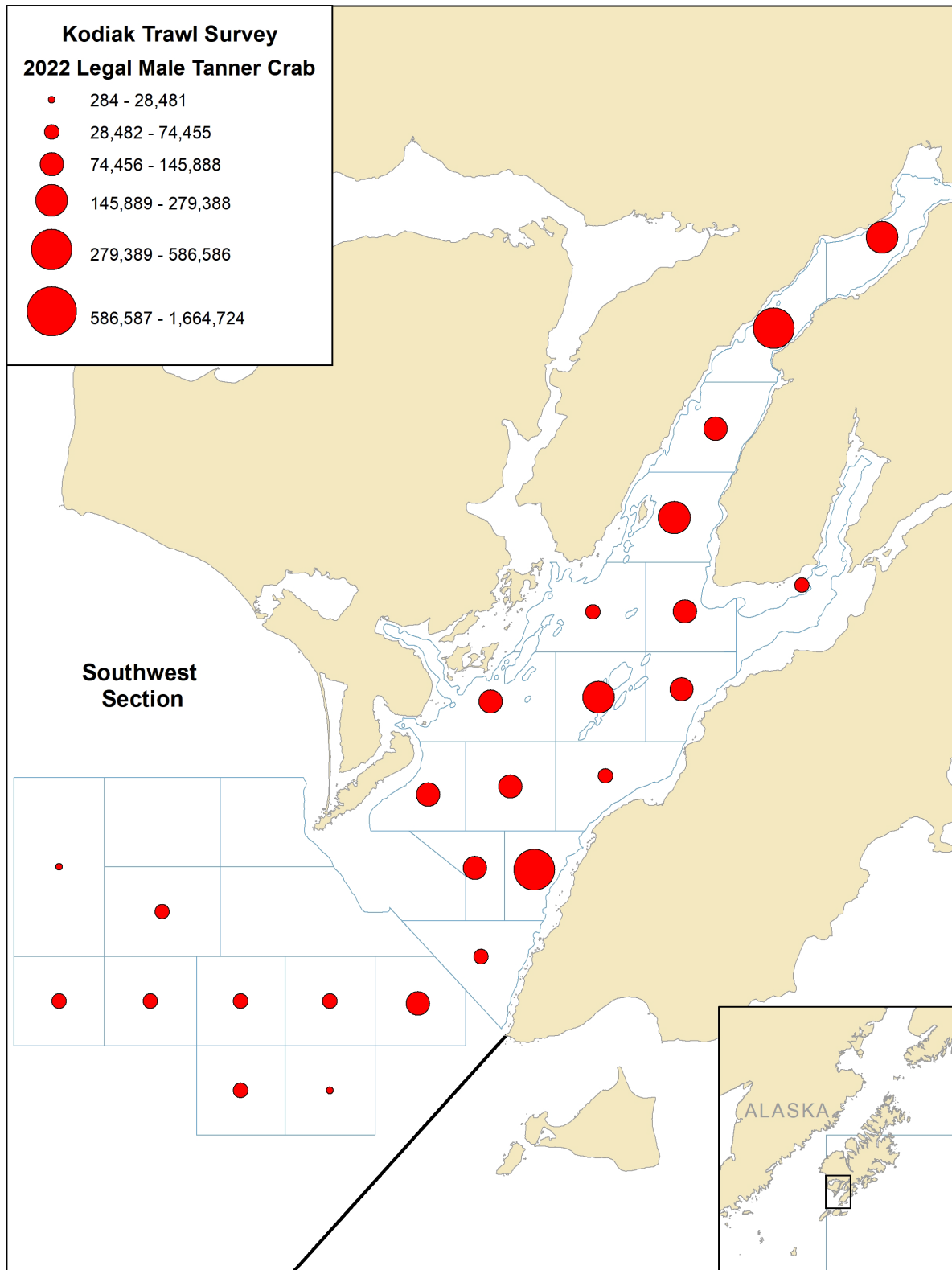


Figure 5.—Legal-size male Tanner crab abundance estimates in the Southeast Section of the Kodiak District from the 2022 Kodiak trawl survey.

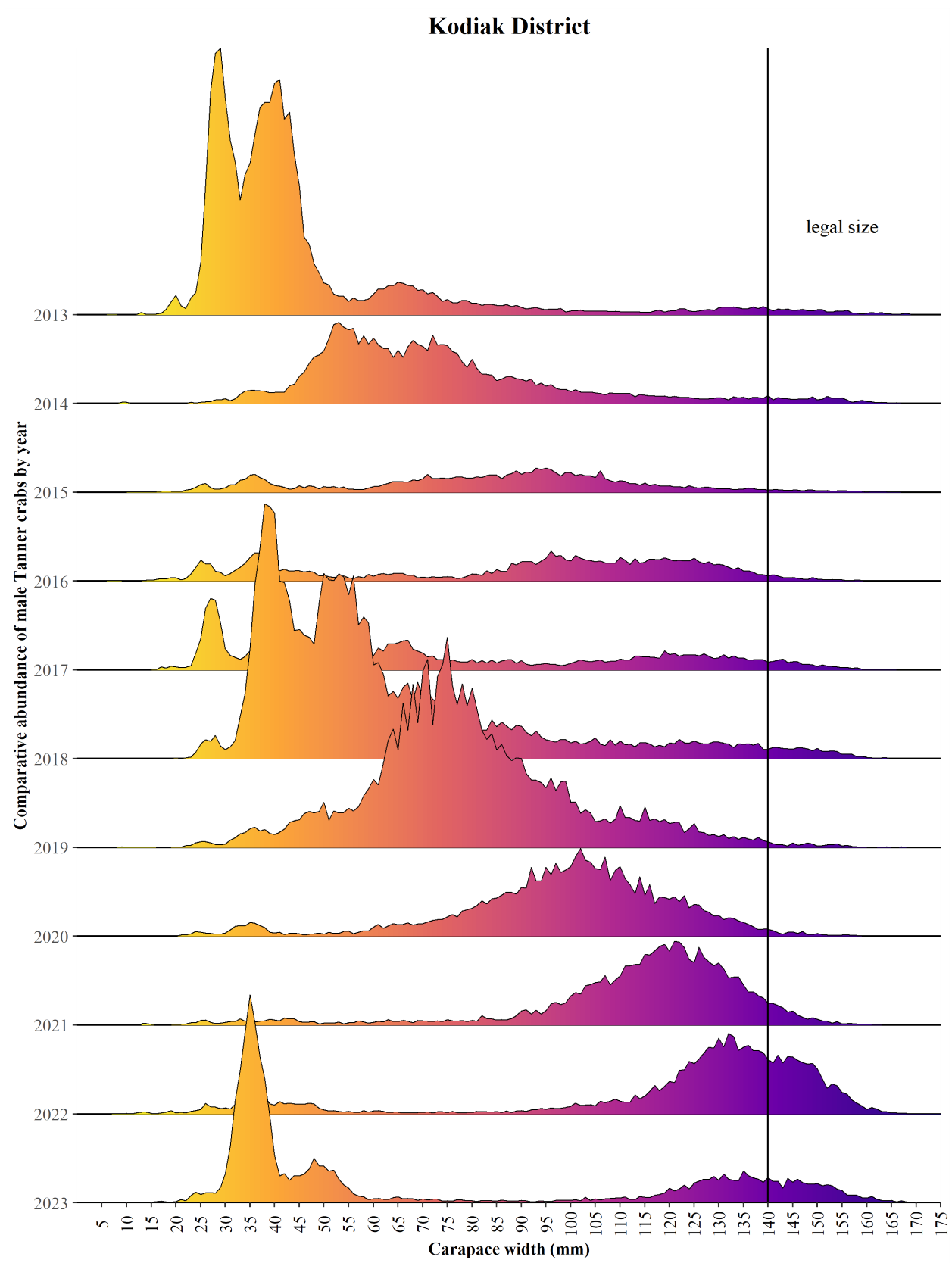


Figure 6.—Male Tanner crab abundance estimates by size, 2013–2023 Kodiak District trawl surveys (legal crab lightly shaded).

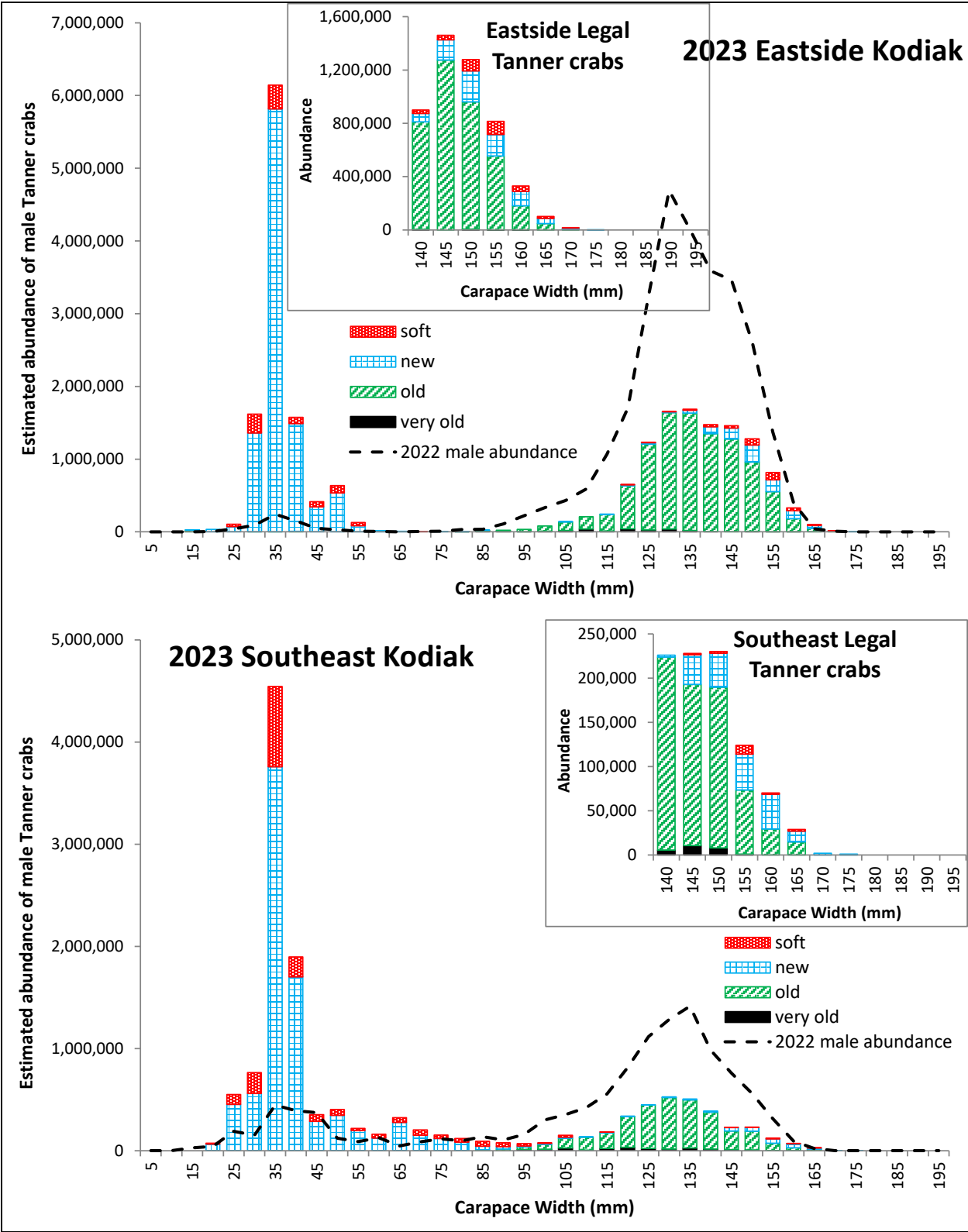


Figure 7.—Male Tanner crab abundance estimates by size and shell condition in the Eastside and Southeast Sections of the Kodiak District, with legal insets, 2023 trawl survey.

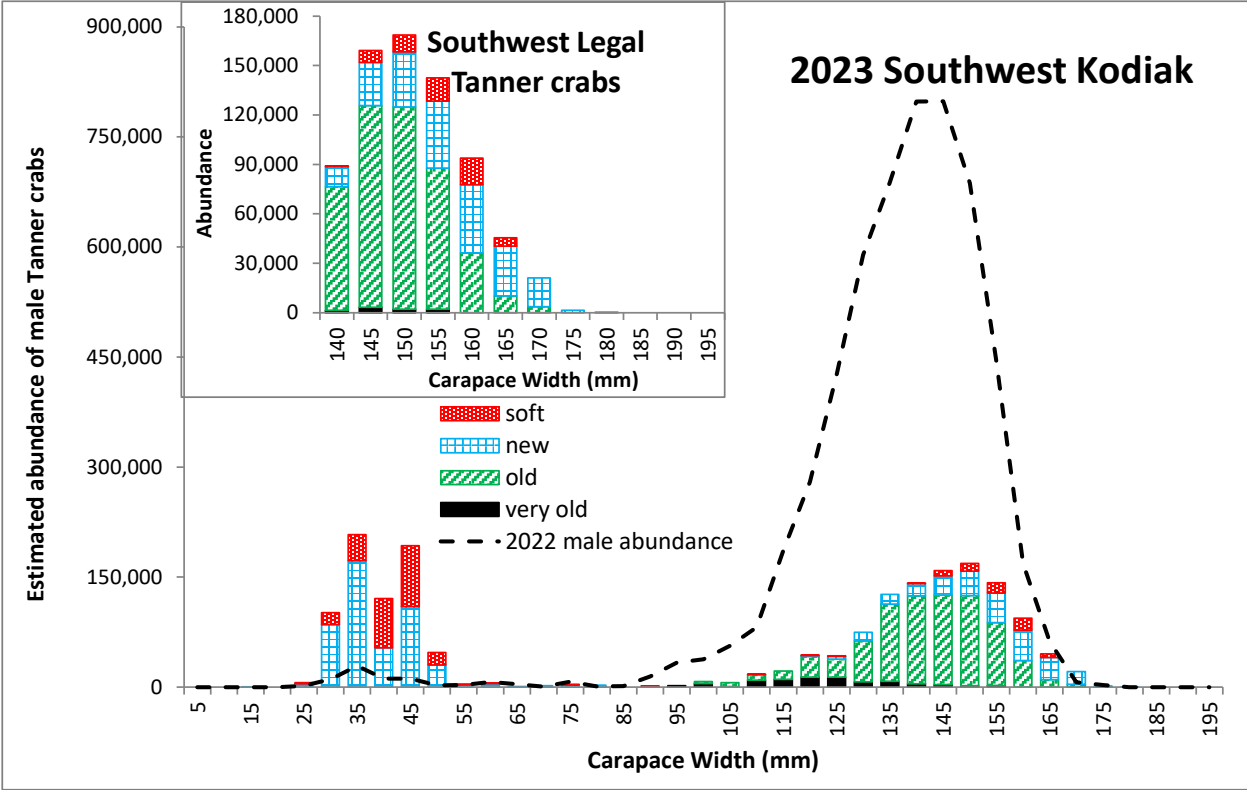


Figure 8.—Male Tanner crab abundance estimates by size and shell condition in the Southwest Section of the Kodiak District, with legal inset, 2023 trawl survey.

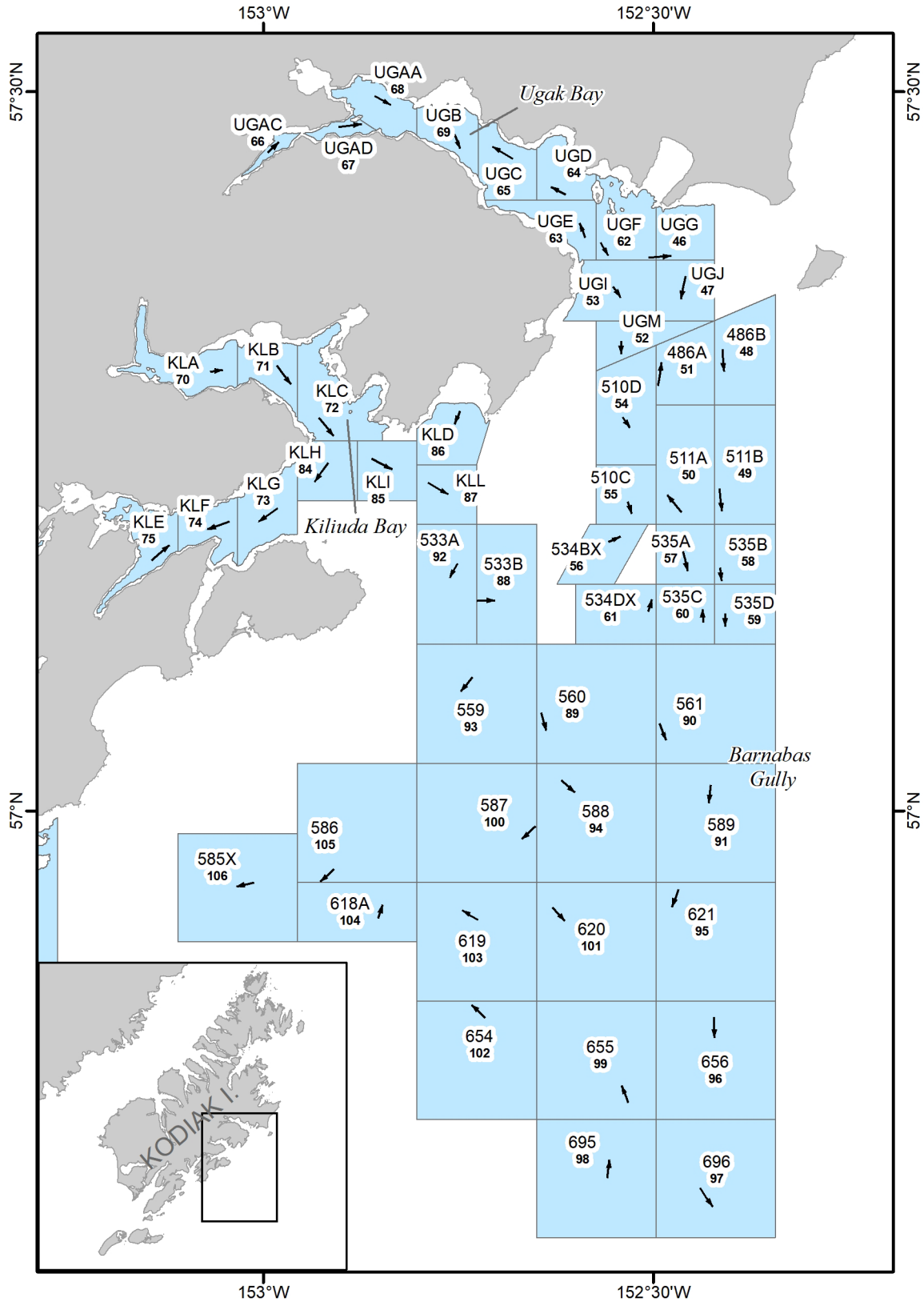


Figure 9.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Ugak Bay, Kiliuda Bay, and Barnabas Gully, 2022.

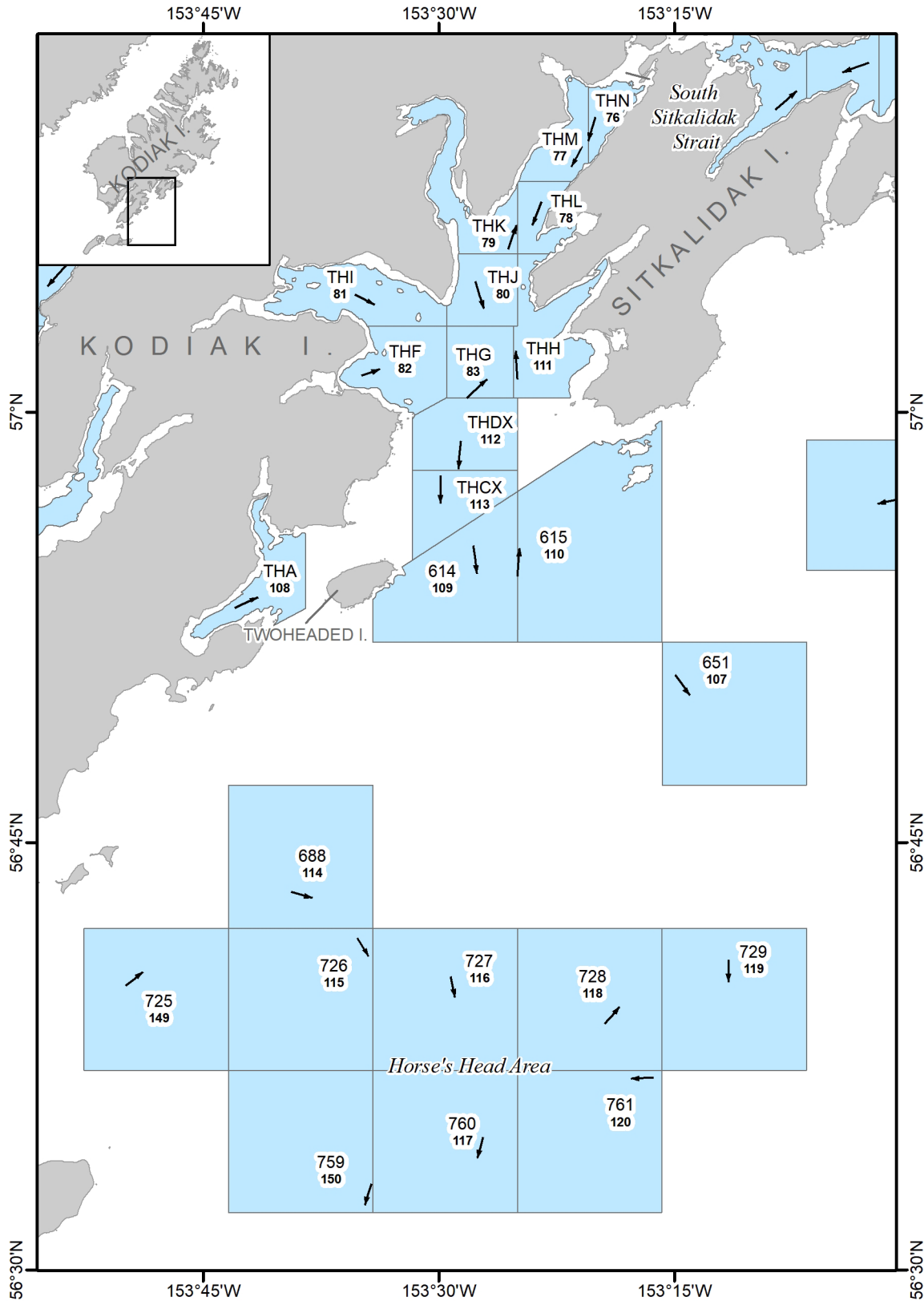


Figure 10.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), South Sitkalidak Strait, Twoheaded Island, and Horse's Head area, 2022.

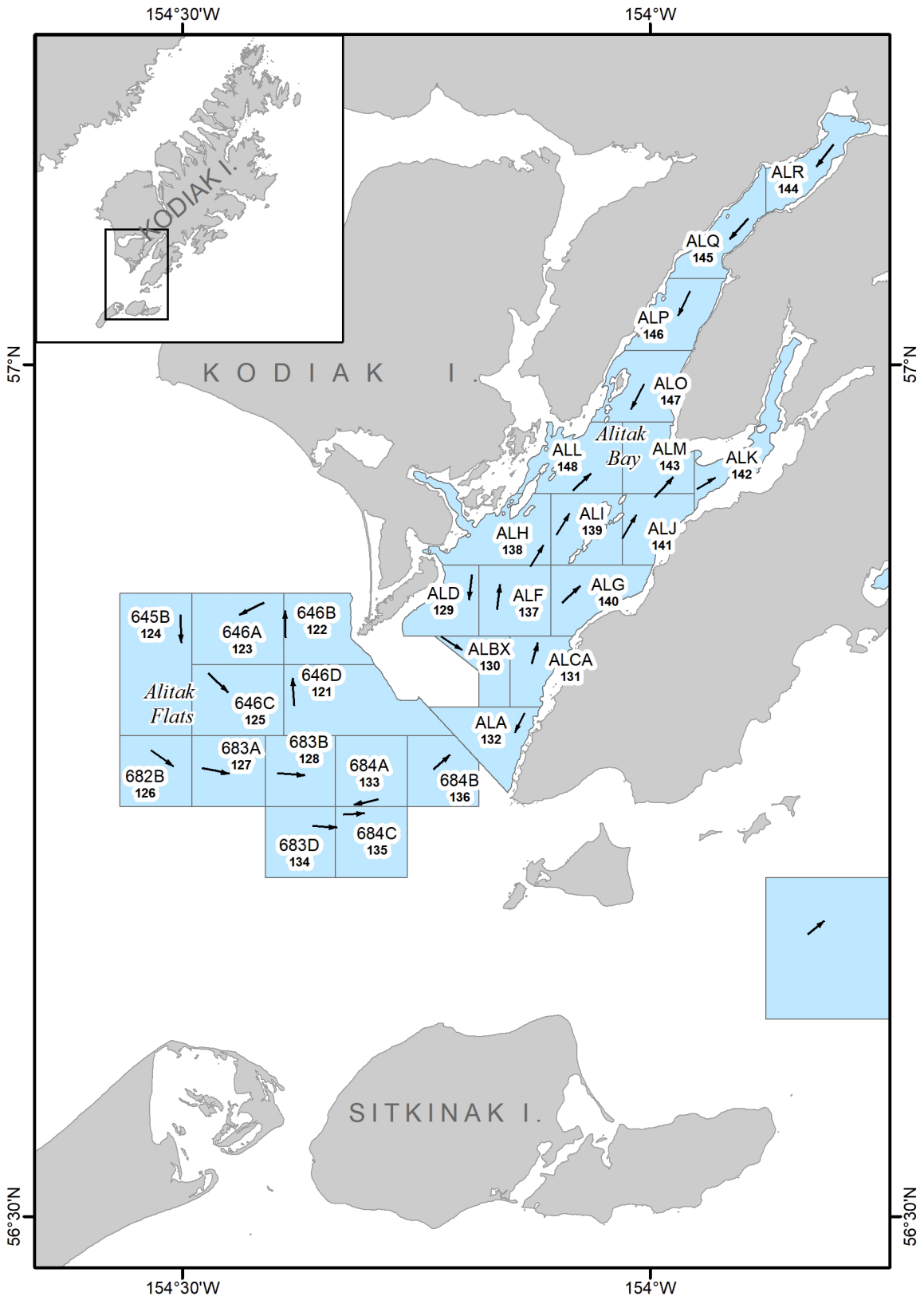


Figure 11.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Alitak Bay and Alitak Flats, 2022.

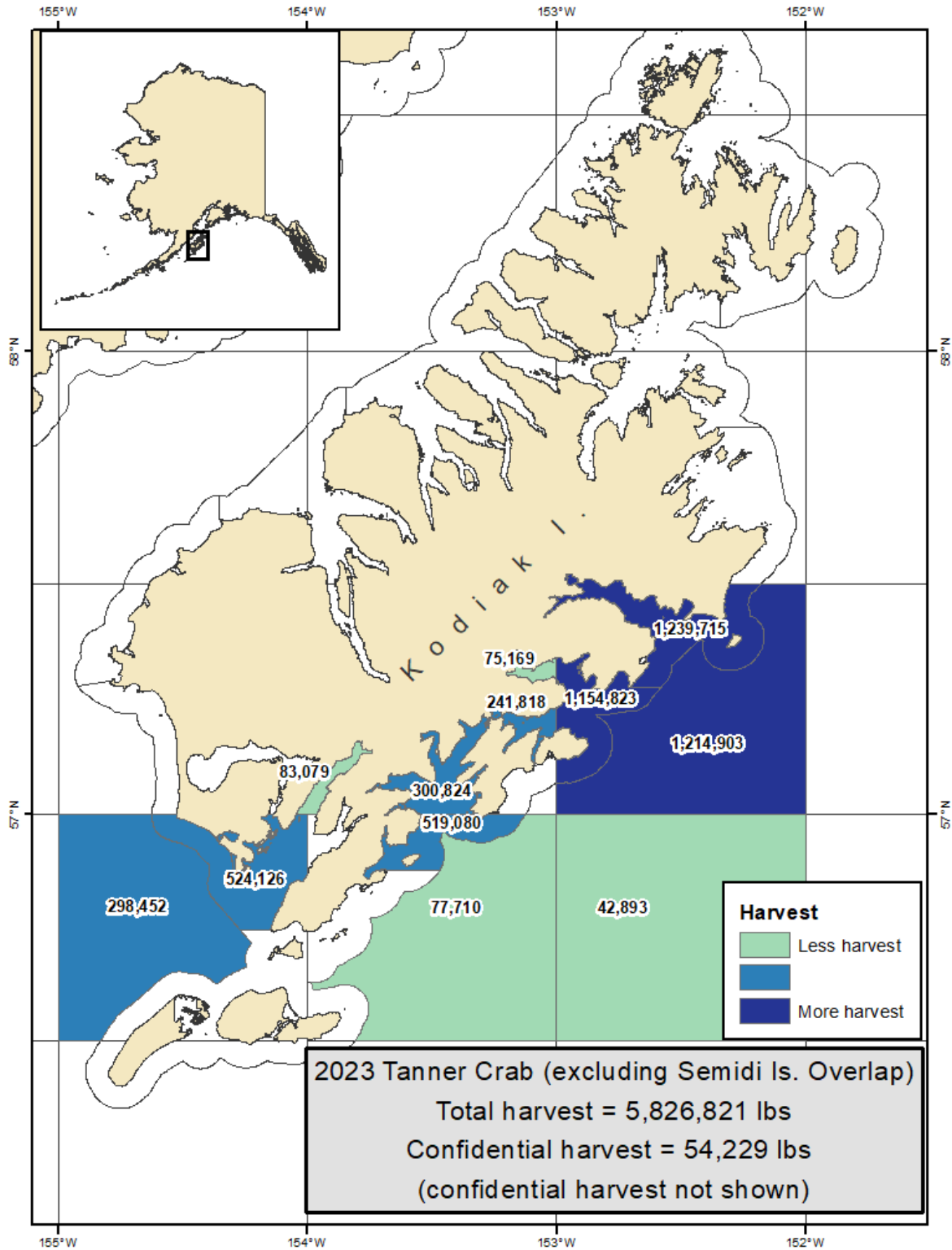


Figure 12.—Tanner crab harvest by statistical area from the Eastside, Southeast, and Southwest Sections of the 2023 Kodiak District Tanner crab fishery.

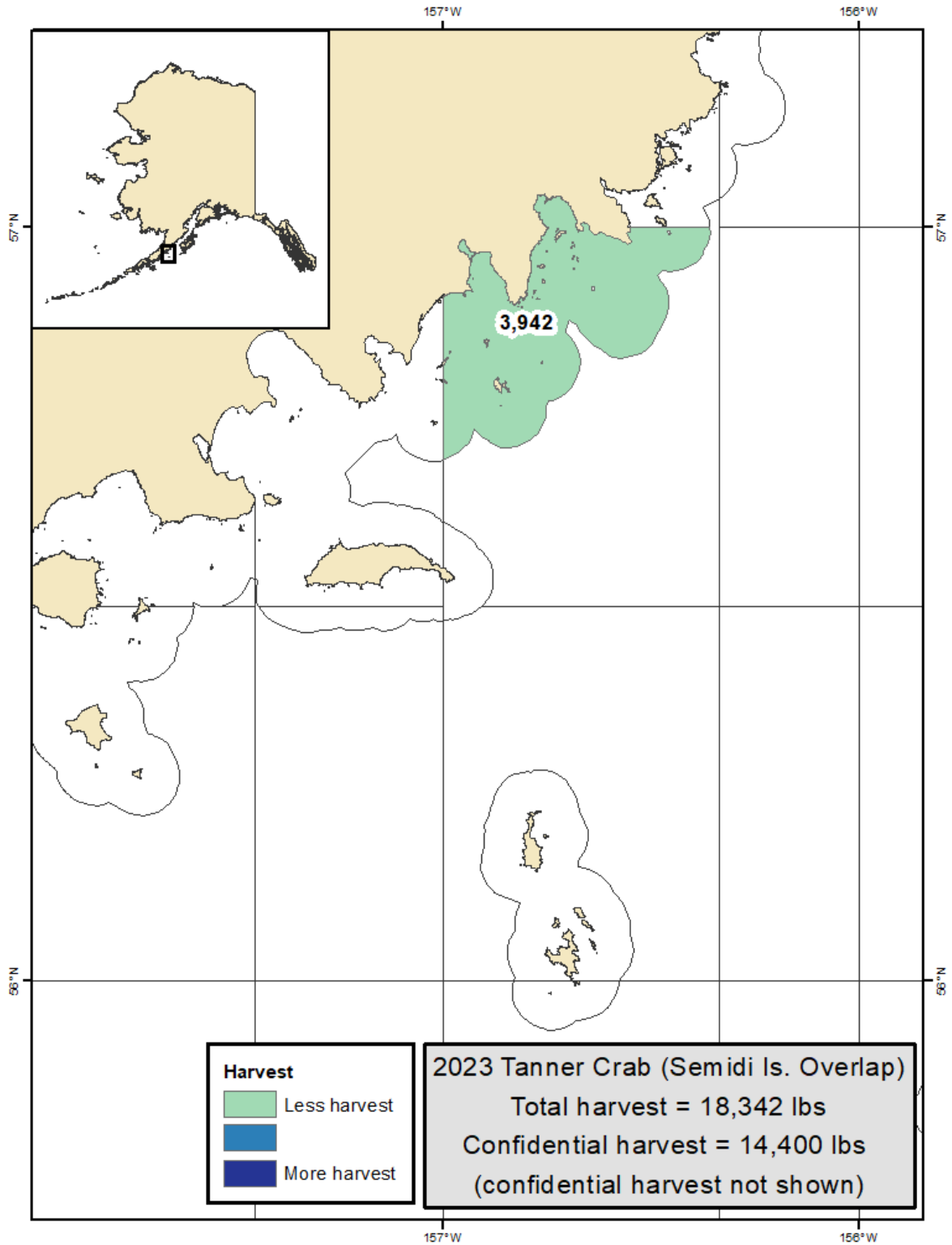


Figure 13.—Tanner crab harvest by statistical area from the Semidi Islands Section of the 2023 Kodiak District Tanner crab fishery.

Table 1.–Tanner crab abundance estimates in the Kodiak District by station, 2022.

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						
Eastside Section														
UGAA	68	0	4,434	4,434	0	0	7,530	564,765	881,033	0	1,445,798	881,033	1,453,328	1,457,762
UGAC	66	0	0	0	217	0	435	1,304	435	0	1,739	435	2,391	2,391
UGAD	67	0	0	0	0	0	13,024	137,682	36,281	930	174,893	37,211	187,917	187,917
UGB	69	1,589	397	1,986	1,192	0	2,384	21,850	49,660	397	71,907	50,057	75,483	77,469
UGC	65	2,324	0	2,324	4,648	775	775	6,198	13,944	0	20,142	13,944	26,339	28,664
UGD	64	1,389	0	1,389	8,333	0	4,861	18,054	14,582	0	32,636	14,582	45,830	47,219
UGE	63	865	54,474	55,338	0	0	28,203	146,141	82,044	1,282	229,467	83,326	257,669	313,007
UGF	62	3,225	0	3,225	2,150	0	1,075	11,825	72,024	1,075	84,924	73,099	88,149	91,374
UGG	46	0	0	0	0	0	0	1,002	2,506	0	3,508	2,506	3,508	3,508
UGI	53	0	1,763	1,763	0	0	4,998	244,925	739,772	9,996	994,693	749,769	999,692	1,001,455
UGJ	47	0	928	928	0	0	1,856	17,634	60,327	0	77,961	60,327	79,817	80,745
UGM	52	0	2,251,876	2,251,876	0	0	56,838	972,565	88,415	132,623	1,193,603	221,038	1,250,441	3,502,317
KLA	70	1,685	0	1,685	5,054	0	0	0	6,739	0	6,739	6,739	11,793	13,478
KLB	71	2,871	10,253	13,124	410	1,641	8,203	15,995	6,152	3,281	25,428	9,433	35,681	48,805
KLC	72	866	9,524	10,390	0	0	25,144	322,678	2,095	69,145	393,918	71,240	419,062	429,452
KLD	86	0	0	0	0	0	0	0	0	0	0	0	0	0
KLE	75	1,823	0	1,823	2,916	0	2,552	729	0	0	729	0	6,198	8,020
KLF	74	8,689	668	9,357	2,673	0	3,342	4,679	0	668	5,347	668	11,362	20,719
KLG	73	1,458	5,833	7,291	2,187	5,833	24,790	73,641	39,372	1,458	114,471	40,831	147,282	154,573
KLH	84	2,233	744	2,977	744	0	744	3,722	744	744	5,210	1,489	6,699	9,676
KLI	85	2,848	0	2,848	1,899	0	0	0	0	0	0	0	1,899	4,747
KLL	87	1,899	0	1,899	1,899	0	4,747	17,089	43,671	949	61,709	44,621	68,355	70,254
486A	51	0	5,418,268	5,418,268	0	25,575	115,087	1,496,126	767,244	140,661	2,404,031	907,905	2,544,693	7,962,961
486B	48	0	0	0	0	0	0	0	0	0	0	0	0	0
510C	55	0	0	0	0	0	0	12,122	15,585	0	27,707	15,585	27,707	27,707
510D	54	0	0	0	0	0	58,072	2,148,655	1,471,151	193,573	3,813,379	1,664,724	3,871,450	3,871,450
511A	50	0	2,068	2,068	0	0	34,847	534,316	540,123	46,462	1,120,901	586,586	1,155,748	1,157,816
511B	49	0	5,696	5,696	1,899	0	7,595	26,583	0	0	26,583	0	36,076	41,773
533A	92	0	2,713	2,713	2,713	0	0	189,875	276,675	2,713	469,263	279,388	471,975	474,688
533B	88	0	2,373	2,373	2,373	0	14,241	116,298	149,527	16,614	282,439	166,141	299,053	301,427
534BX	56	0	0	0	0	0	1,676	65,381	170,995	0	236,376	170,995	238,052	238,052
534DX	61	0	144,863	144,863	0	0	18,692	231,313	144,863	11,682	387,858	156,545	406,551	551,414
535A	57	0	620,223	620,223	0	10,293	51,466	658,767	926,392	51,466	1,636,625	977,858	1,698,385	2,318,608

-continued-

Table 1.—Page 2 of 4.

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						
535B	58	0	324,514	324,514	0	10,998	102,645	458,238	157,634	10,998	626,870	168,632	740,513	1,065,026
535C	60	0	286,583	286,583	0	3,493	0	195,594	478,507	24,450	698,551	502,956	702,043	988,626
535D	59	0	783,666	783,666	0	5,994	44,957	395,620	113,891	41,960	551,471	155,850	602,422	1,386,087
559	93	23,734	721,525	745,259	9,494	33,228	123,419	550,638	75,950	80,697	707,285	156,647	873,425	1,618,684
560	89	33,228	0	33,228	4,747	0	9,494	90,191	9,494	4,747	104,432	14,241	118,672	151,900
561	90	4,747	631,334	636,081	0	14,241	80,697	441,459	237,344	56,963	735,766	294,306	830,703	1,466,784
587	100	208,863	0	208,863	227,850	4,747	52,216	327,534	0	9,494	337,028	9,494	621,841	830,703
588	94	9,494	0	9,494	9,494	0	80,697	294,306	71,203	14,241	379,750	85,444	469,941	479,434
589	91	0	1,628,178	1,628,178	0	15,416	215,818	901,812	246,650	177,279	1,325,741	423,929	1,556,975	3,185,153
619	103	80,697	132,913	213,609	61,709	0	61,709	280,066	4,747	4,747	289,560	9,494	412,978	626,588
620	101	659,450	973,475	1,632,925	121,916	0	134,749	891,912	83,416	44,916	1,020,244	128,333	1,276,909	2,909,834
621	95	0	71,203	71,203	8,337	0	116,712	1,217,137	216,750	116,712	1,550,599	333,462	1,675,647	1,746,850
654	102	0	0	0	4,747	0	23,734	52,216	4,747	0	56,963	4,747	85,444	85,444
655	99	23,734	460,447	484,181	56,963	4,747	61,709	479,434	4,747	52,216	536,397	56,963	659,816	1,143,997
656	96	8,439	464,139	472,578	12,658	8,439	67,511	341,775	198,314	12,658	552,747	210,972	641,356	1,113,933
695	98	47,469	47,469	94,938	42,722	18,988	113,925	294,306	0	9,494	303,800	9,494	479,434	574,372
696	97	18,988	3,798	22,785	21,114	0	100,292	897,349	0	36,950	934,299	36,950	1,055,705	1,078,490
all stations towed														
Total		1,137,793	12,732,693	13,870,484	601,054	161,992	1,728,135	13,688,883	6,449,736	1,165,512	21,304,131	7,615,250	23,795,309	37,665,790
Southeast Section														
614	109	16,259	466,102	482,361	0	0	106,065	675,469	61,406	273,537	1,010,412	334,943	1,116,477	1,598,839
THA	108	4,456	743	5,198	2,864	1,910	15,277	132,717	39,147	1,910	173,774	41,056	193,824	199,023
THCX	113	5,195	116,021	121,216	6,927	1,732	13,853	98,705	10,390	32,036	141,131	42,426	163,642	284,858
THDX	112	21,511	222,698	244,208	4,021	1,340	22,788	148,795	73,727	20,107	242,629	93,835	270,780	514,988
THF	82	12,695	156,566	169,260	4,739	0	25,276	151,657	115,322	18,957	285,936	134,280	315,952	485,212
THG	83	9,725	12,377	22,101	9,725	0	5,304	15,913	5,304	0	21,217	5,304	36,246	58,348
THH	111	2,707	1,805	4,511	1,904	0	4,760	30,461	151,354	1,904	183,719	153,258	190,382	194,894
THI	81	21,532	0	21,532	14,355	10,766	4,785	45,456	29,905	0	75,361	29,905	105,267	126,799
THJ	80	7,109	20,537	27,646	6,319	0	3,791	46,761	195,890	0	242,651	195,890	252,762	280,407
THK	79	40,507	0	40,507	35,646	0	810	18,633	15,393	1,620	35,646	17,013	72,102	112,609
THL	78	2,734	0	2,734	1,105	0	2,210	64,094	153,605	0	217,699	153,605	221,015	223,749
THM	77	4,709	589	5,298	8,241	0	2,354	44,735	60,627	0	105,362	60,627	115,957	121,254
THN	76	2,785	0	2,785	3,661	0	305	12,813	43,929	305	57,047	44,235	61,013	63,798

-continued-

Table 1.–Page 3 of 4.

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						
585X	106	0	87,267	87,267	0	17,453	78,540	157,080	0	4,363	161,443	4,363	257,436	344,703
586	105	4,747	23,734	28,481	9,494	0	52,216	617,094	0	61,709	678,803	61,709	740,513	768,994
615	110	48,456	145,368	193,824	49,406	6,176	104,988	679,336	240,855	179,098	1,099,289	419,953	1,259,859	1,453,683
618A	104	3,165	15,823	18,987	3,165	0	22,152	113,925	0	28,481	142,406	28,481	167,723	186,710
651	107	143,461	607,600	751,061	138,820	14,874	104,115	614,773	0	118,988	733,761	118,988	991,569	1,742,631
688	114	71,203	66,456	137,659	52,216	37,975	185,128	341,775	0	4,747	346,522	4,747	621,841	759,500
725	149	0	9,494	9,494	4,747	0	23,734	14,241	0	0	14,241	0	42,722	52,216
726	115	113,925	42,722	156,647	61,709	56,963	47,469	80,697	0	0	80,697	0	246,838	403,484
727	116	745,189	474,758	1,219,947	725,133	127,216	69,969	305,319	0	44,526	349,845	44,526	1,272,163	2,492,109
728	118	90,191	80,697	170,888	94,938	0	28,481	256,331	0	85,444	341,775	85,444	465,194	636,081
729	119	503,169	113,925	617,094	442,512	117,292	111,961	319,888	85,303	5,331	410,522	90,635	1,082,287	1,699,381
759	150	166,141	71,203	237,344	180,381	18,988	28,481	218,356	0	14,241	232,597	14,241	460,447	697,791
760	117	161,394	631,334	792,728	80,697	80,697	180,381	242,091	0	71,203	313,294	71,203	655,069	1,447,797
761	120	161,394	422,472	583,866	99,684	14,241	80,697	113,925	4,747	4,747	123,419	9,494	318,041	901,906
all stations towed														
Total		2,364,359	3,790,291	6,154,644	2,042,409	507,623	1,325,890	5,561,040	1,286,904	973,254	7,821,198	2,260,161	11,697,121	17,851,764
Southwest Section														
ALA	132	0	0	0	0	0	0	8,384	53,661	670	62,715	54,331	62,716	62,716
ALBX	130	0	0	0	0	0	0	25,045	124,389	4,174	153,608	128,563	153,608	153,608
ALCA	131	0	5,400	5,400	0	0	17,782	185,440	261,648	43,184	490,272	304,833	508,054	513,454
ALD	129	5,772	53,874	59,646	3,992	1,331	2,662	122,435	122,435	13,308	258,178	135,743	266,163	325,809
ALF	137	4,914	293,612	298,526	1,195	2,390	22,708	87,247	113,540	15,537	216,324	129,078	242,618	541,144
ALG	140	2,937	23,494	26,431	2,937	979	8,810	87,123	58,735	1,958	147,816	60,692	160,541	186,972
ALH	138	8,726	28,557	37,283	4,941	1,235	9,882	116,115	108,704	7,412	232,231	116,115	248,289	285,572
ALI	139	2,456	0	2,456	4,976	0	7,464	258,749	221,430	12,440	492,619	233,870	505,059	507,515
ALJ	141	8,689	0	8,689	6,762	1,127	3,381	135,245	83,401	0	218,646	83,401	229,916	238,605
ALK	142	551	0	551	1,101	1,652	4,405	47,355	36,342	0	83,697	36,342	90,855	91,406
ALL	148	2,430	0	2,430	5,039	1,440	2,160	65,511	67,670	3,599	136,780	71,270	145,419	147,849
ALM	143	4,998	0	4,998	7,065	2,019	4,037	109,010	80,748	2,019	191,777	82,767	204,898	209,895
ALO	147	0	1,489	1,489	0	0	0	135,309	169,525	7,776	312,610	177,301	312,610	314,099
ALP	146	816	0	816	1,150	0	3,450	89,711	135,717	0	225,428	135,717	230,028	230,844
ALQ	145	0	2,552	2,552	0	0	12,281	167,023	309,484	2,456	478,963	311,940	491,245	493,797
ALR	144	0	31,398	31,398	0	3,751	11,253	166,918	200,677	1,875	369,470	202,552	384,474	415,872

-continued-

Table 1.—Page 4 of 4.

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						
645B	124	15,190	80,507	95,697	9,114	3,038	54,684	112,406	3,038	10,633	126,077	13,671	192,913	288,610
646A	123	9,600	1,200	10,800	6,000	1,200	1,200	1,200	0	0	1,200	0	9,600	20,400
646B	122	2,187	0	2,187	3,646	0	0	0	0	0	0	0	3,646	5,833
646C	125	6,175	39,518	45,693	6,175	0	32,109	107,440	7,410	48,163	163,013	55,573	201,296	246,989
646D	121	4,967	1,656	6,623	1,656	0	4,967	4,967	0	0	4,967	0	11,590	18,213
682B	126	963	10,594	11,557	10,498	0	32,993	185,959	10,498	61,487	257,944	71,984	301,433	312,990
683A	127	2,953	0	2,953	3,937	984	5,906	52,169	26,576	12,796	91,541	39,372	102,368	105,321
683B	128	7,413	0	7,413	1,853	0	2,780	16,679	56,522	6,487	79,688	63,008	84,320	91,732
683D	134	1,823	911	2,734	0	606	9,697	75,760	23,031	12,122	110,913	35,153	121,216	123,950
684A	133	1,070	0	1,070	0	0	0	3,210	33,172	1,070	37,452	34,242	37,452	38,522
684B	136	0	0	0	0	0	0	7,405	100,824	1,709	109,938	102,533	109,938	109,938
684C	135	0	0	0	0	0	3,323	18,988	13,291	3,322	35,601	16,614	38,924	38,924
all stations towed														
Total		94,630	574,762	669,392	82,037	21,752	257,934	2,392,803	2,422,468	274,197	5,089,468	2,696,665	5,451,189	6,120,579

Table 2.—Fishing log from the Kodiak District trawl survey, 2022.

Haul	46	47	48	49	50	51	52	53	54	55	56	57	58
Location	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.
Month/Day/Year	06-29-22	06-29-22	06-29-22	06-29-22	06-29-22	06-29-22	06-29-22	06-30-22	06-30-22	06-30-22	06-30-22	06-30-22	06-30-22
Station	UGG	UGJ	486B	511B	511A	486A	UGM	UGI	510D	510C	534BX	535A	535B
Longitude Start (W)	152°30.38'	152°27.53'	152°24.69'	152°24.92'	152°27.84'	152°29.65'	152°32.49'	152°33.10'	152°32.38'	152°31.95'	152°33.45'	152°27.80'	152°24.85'
Latitude Start (N)	57°23.12'	57°22.35'	57°19.32'	57°13.50'	57°12.50'	57°17.79'	57°19.65'	57°21.91'	57°16.47'	57°12.96'	57°11.26'	57°11.01'	57°10.19'
Heading, Degrees	80	193	158	171	327	13	192	144	140	160	67	151	173
Average Depth (m)	65.83	74.97	71.31	76.8	106	98.75	104.2	95.09	100.5	95.09	100.5	137.1	129.8
Distance Fished (km)	1.796	1.852	1.852	1.852	1.666	1.852	1.018	1.037	1.018	1.018	1.018	1.852	1.018
Haul	59	60	61	62	63	64	65	66	67	68	69	70	71
Location	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.
Month/Day/Year	06-30-22	06-30-22	06-30-22	07-01-22	07-01-22	07-01-22	07-01-22	07-01-22	07-01-22	07-01-22	07-01-22	07-01-22	07-02-22
Station	535D	535C	534DX	UGF	UGE	UGD	UGC	UGAC	UGAD	UGAA	UGB	KLA	KLB
Longitude Start (W)	152°24.48'	152°26.16'	152°30.39'	152°34.06'	152°35.24'	152°36.74'	152°40.82'	152°59.69'	152°54.25'	152°51.43'	152°45.30'	153°04.12'	152°58.96'
Latitude Start (N)	57°08.28'	57°07.90'	57°08.35'	57°23.75'	57°23.95'	57°25.74'	57°27.22'	57°27.47'	57°28.53'	57°29.83'	57°28.24'	57°18.36'	57°18.63'
Heading, Degrees	172	7	32	154	337	298	315	51	86	123	166	89	137
Average Depth (m)	140.8	153.6	129.8	85.94	91.43	96.92	91.43	34.74	71.31	76.8	91.43	91.43	82.29
Distance Fished (km)	1.018	1.018	1.018	1.203	1.203	1.296	1.852	1.203	1.852	1.481	1.203	1.018	1.852
Haul	72	73	74	75	76	77	78	79	80	81	82	83	84
Location	E Kod.	E Kod.	E Kod.	E Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	E Kod.
Month/Day/Year	07-02-22	07-02-22	07-02-22	07-02-22	07-03-22	07-03-22	07-03-22	07-03-22	07-03-22	07-03-22	07-03-22	07-03-22	07-04-22
Station	KLC	KLK	KLF	KLE	THN	THM	THL	THK	THJ	THI	THF	THG	KLH
Longitude Start (W)	152°55.74'	152°58.89'	153°02.61'	153°08.60'	153°20.04'	153°20.87'	153°23.47'	153°25.59'	153°27.69'	153°35.36'	153°34.95'	153°28.25'	152°55.01'
Latitude Start (N)	57°16.45'	57°12.67'	57°12.12'	57°10.49'	57°10.25'	57°09.22'	57°07.30'	57°05.65'	57°04.55'	57°04.09'	57°01.27'	57°00.49'	57°14.57'
Heading, Degrees	138	237	256	51	190	216	200	16	167	121	73	57	219
Average Depth (m)	95.09	118.8	122.5	117	106	120.6	124.3	117	113.3	91.43	73.14	122.5	107.8
Distance Fished (km)	1.852	1.852	1.852	1.852	1.666	1.481	1.666	1.666	1.852	1.481	1.296	1.852	1.852

-continued-

Table 2.–Page 2 of 3.

Haul	85	86	87	88	89	90	91	92	93	94	95	96	97
Location	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.
Month/Day/Year	07-04-22	07-04-22	07-04-22	07-04-22	07-04-22	07-04-22	07-04-22	07-05-22	07-05-22	07-05-22	07-05-22	07-05-22	07-05-22
Station	KLI	KLD	KLL	533B	560	561	589	533A	559	588	621	656	696
Longitude Start (W)	152°51.67'	152°44.87'	152°47.34'	152°43.62'	152°38.64'	152°29.54'	152°25.57'	152°45.07'	152°43.91'	152°37.08'	152°28.07'	152°25.36'	152°26.41'
Latitude Start (N)	57°14.74'	57°16.73'	57°13.75'	57°08.81'	57°04.11'	57°03.68'	57°01.10'	57°10.36'	57°05.60'	57°01.29'	56°56.69'	56°51.32'	56°44.09'
Heading, Degrees	141	199	123	87	152	158	200	214	230	126	201	173	148
Average Depth (m)	122.5	23.77	133.4	144.4	151.7	146.2	137.1	138.9	153.6	151.7	153.6	160.9	182.8
Distance Fished (km)	1.852	1.111	1.852	1.481	1.481	1.481	1.481	1.296	1.481	1.481	1.481	1.666	1.852
Haul	98	99	100	101	102	103	104	105	106	107	108	109	110
Location	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	E Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.
Month/Day/Year	07-05-22	07-05-22	07-06-22	07-06-22	07-06-22	07-06-22	07-06-22	07-06-22	07-06-22	07-06-22	07-07-22	07-07-22	07-07-22
Station	695	655	587	620	654	619	618A	586	585X	651	THA	614	615
Longitude Start (W)	152°33.53'	152°31.92'	152°39.07'	152°37.75'	152°42.93'	152°43.48'	152°51.17'	152°54.56'	153°00.71'	153°14.97'	153°43.00'	153°27.80'	153°25.00'
Latitude Start (N)	56°44.50'	56°47.69'	56°59.34'	56°55.94'	56°51.28'	56°55.40'	56°55.47'	56°57.55'	56°56.98'	56°50.85'	56°53.19'	56°55.37'	56°54.30'
Heading, Degrees	12	344	236	144	316	311	20	239	267	143	64	172	38
Average Depth (m)	142.6	151.7	151.7	151.7	100.5	135.3	118.8	128	135.3	175.5	51.2	140.8	140.8
Distance Fished (km)	1.481	1.481	1.481	1.481	1.481	1.481	1.111	1.481	1.481	1.666	1.666	1.852	1.852
Haul	111	112	113	114	115	116	117	118	119	120	121	122	123
Location	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SE Kod.	SW Kod.	SW Kod.	SW Kod.
Month/Day/Year	07-07-22	07-07-22	07-07-22	07-08-22	07-08-22	07-08-22	07-08-22	07-08-22	07-08-22	07-08-22	07-09-22	07-09-22	07-09-22
Station	THH	THDX	THCX	688	726	727	760	728	729	761	646D	646B	646A
Longitude Start (W)	153°24.99'	153°28.60'	153°29.90'	153°39.42'	153°35.21'	153°29.26'	153°27.19'	153°19.43'	153°11.55'	153°16.35'	154°22.81'	154°23.39'	154°24.76'
Latitude Start (N)	57°01.16'	56°59.01'	56°57.82'	56°43.26'	56°41.66'	56°40.31'	56°34.67'	56°38.64'	56°40.89'	56°36.75'	56°48.03'	56°50.42'	56°51.66'
Heading, Degrees	4	182	187	105	155	178	202	38	191	273	0	1	246
Average Depth (m)	109.7	129.8	131.6	151.7	155.4	149.9	133.4	146.2	146.2	137.1	56.69	60.34	64
Distance Fished (km)	1.852	1.852	1.852	1.481	1.481	1.481	1.481	1.481	1.481	1.481	1.852	1.852	1.852

-continued-

Table 2.–Page 3 of 3.

Haul	124	125	126	127	128	129	130	131	132	133	134	135	136
Location	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.
Month/Day/Year	07-09-22	07-09-22	07-09-22	07-09-22	07-09-22	07-10-22	07-10-22	07-10-22	07-10-22	07-10-22	07-10-22	07-10-22	07-10-22
Station	645B	646C	682B	683A	683B	ALD	ALBX	ALCA	ALA	684A	683D	684C	684B
Longitude Start (W)	154°30.14'	154°28.36'	154°32.03'	154°28.75'	154°23.93'	154°11.42'	154°13.42'	154°07.61'	154°08.06'	154°17.42'	154°21.69'	154°19.72'	154°13.92'
Latitude Start (N)	56°51.25'	56°49.18'	56°46.47'	56°45.85'	56°45.67'	56°52.65'	56°50.48'	56°49.51'	56°47.78'	56°44.74'	56°43.81'	56°44.21'	56°45.79'
Heading, Degrees	173	133	126	95	101	185	126	21	218	261	109	82	45
Average Depth (m)	67.66	67.66	71.31	62.17	62.17	54.86	40.23	73.14	71.31	64	74.97	73.14	76.8
Distance Fished (km)	1.852	1.852	1.852	1.852	1.852	1.666	1.666	1.481	1.481	1.666	1.666	1.481	1.481
Haul	137	138	139	140	141	142	143	144	145	146	147	148	149
Location	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SW Kod.	SE Kod.
Month/Day/Year	07-11-22	07-11-22	07-11-22	07-11-22	07-11-22	07-11-22	07-11-22	07-12-22	07-12-22	07-12-22	07-12-22	07-12-22	07-13-22
Station	ALF	ALH	ALI	ALG	ALJ	ALK	ALM	ALR	ALQ	ALP	ALO	ALL	725
Longitude Start (W)	154°09.81'	154°07.70'	154°06.03'	154°05.67'	154°01.81'	153°57.02'	153°59.73'	153°48.25'	153°53.71'	153°57.43'	154°00.41'	154°04.98'	153°49.93'
Latitude Start (N)	56°51.41'	56°52.92'	56°54.03'	56°51.64'	56°53.91'	56°55.64'	56°55.35'	57°07.69'	57°05.12'	57°02.58'	56°59.32'	56°55.59'	56°39.97'
Heading, Degrees	10	30	30	44	42	65	41	225	225	217	210	59	61
Average Depth (m)	53.03	64	80.46	58.51	71.31	69.49	65.83	115.2	171.8	155.4	135.3	95.09	100.5
Distance Fished (km)	1.666	1.666	1.666	1.666	1.852	1.481	1.852	1.852	1.852	1.852	1.852	1.666	1.481
Haul	150												
Location	SE Kod.												
Month/Day/Year	07-13-22												
Station	759												
Longitude Start (W)	153°34.28'												
Latitude Start (N)	56°33.01'												
Heading, Degrees	176												
Average Depth (m)	148.1												
Distance Fished (km)	1.481												