

1. Management performance:

Overfishing did not occur during 2014/15 because the estimated total catch did not exceed the Tier 5 overfishing limit (OFL) of 12.53-million lb (5.69 kt). The total catch did not exceed the ABC established for 2014/15 (9.40-million lb, or 4.26 kt). The OFL and ABC values for 2015/16 in the table below are the values recommended by the SSC in June 2015. The 2015/16 TAC was established by ADF&G on 15 July 2015. The TACs for 2013/14 – 2014/15 in the table below do not include landings towards a cost-recovery fishing goal of \$300,000 to cover costs of observer deployments in the fishery or landings towards a cost-recovery fishing goal of \$200,000 in 2014/15 to support Aleutians king crab research; however, the catch totals for 2013/14 and 2014/15 include the catch towards the cost-recovery fishery.

Year	MSST	Biomass (MMB)	TAC ^a	Retained Catch ^a	Total Catch ^{a,b}	OFL ^a	ABC ^a
2011/12	N/A	N/A	5.99	5.96	6.51	11.40	10.26
2012/13	N/A	N/A	6.29	6.27	6.87	12.54	11.28
2013/14	N/A	N/A	6.29	6.38	7.04	12.54	11.28
2014/15	N/A	N/A	6.29	6.11	6.79	12.53	9.40
2015/16	N/A	N/A	6.29			12.53	9.40

a. Millions of lb.

b. Total retained catch plus estimated bycatch mortality of discarded bycatch during crab fisheries and groundfish fisheries.

Year	MSST	Biomass (MMB)	TAC ^a	Retained Catch ^a	Total Catch ^{a,b}	OFL ^a	ABC ^a
2011/12	N/A	N/A	2.72	2.71	2.95	5.17	4.66
2012/13	N/A	N/A	2.85	2.84	3.12	5.69	5.12
2013/14	N/A	N/A	2.85	2.89	3.19	5.69	5.12
2014/15	N/A	N/A	2.85	2.77	3.08	5.69	4.26
2014/15	N/A	N/A	2.85			5.69	4.26

a. kt.

b. Total retained catch plus estimated bycatch mortality of discarded bycatch during crab fisheries and groundfish fisheries.

Table 1a. Harvest history for the Aleutian Islands golden king crab fishery (GHL/TAC, lb and number of retained crabs, pot lifts, fishery catch per unit effort, and average weight of landed crab) by fishery season from the 1981/82 season through the 2014/15 season, including the Community Development Quota (CDQ) and Adak Community Allocation (ACA) fisheries for the 2005/06–2014/15, and cost-recovery fishery for 2013/14 and 2014/15; updated for 2014/15 from 2014 SAFE.

Season	GHL/TAC Millions of Lb	Harvest Lb ^a	Harvest Number ^a	Pot lifts	CPUE ^b	Average Weight ^c
1981/82	-	1,319,666	242,407	28,263	8.4	5.4 ^d
1982/83	-	9,236,942	1,746,206	179,888	9.4	5.3 ^d
1983/84	-	10,495,045	1,964,772	267,519	7.2	5.3 ^d
1984/85	-	4,819,347	995,453	90,066	10.7	4.8 ^e
1985/86	-	12,734,212	2,811,195	236,281	11.9	4.5 ^f
1986/87	-	14,738,744	3,340,627	433,020	7.7	4.4 ^f
1987/88	-	9,257,005	2,174,576	306,730	7.1	4.2 ^f
1988/89	-	10,627,042	2,488,433	321,927	7.6	4.3 ^f
1989/90	-	12,022,052	2,902,913	357,803	8.0	4.1 ^f
1990/91	-	6,950,362	1,703,251	214,814	7.7	4.1 ^f
1991/92	-	7,702,141	1,847,398	234,857	7.7	4.2 ^f
1992/93	-	6,291,197	1,528,328	203,221	7.4	4.1 ^f
1993/94	-	5,551,143	1,397,530	234,654	5.8	4.0 ^f
1994/95	-	8,128,511	1,924,271	386,593	4.8	4.2 ^f
1995/96	-	6,960,406	1,582,333	293,021	5.2	4.4 ^f
1996/97	5.900	5,815,772	1,334,877	212,727	6.0	4.4 ^f
1997/98	5.900	5,945,683	1,350,160	193,214	6.8	4.4 ^f
1998/99	5.700	4,941,893	1,150,029	119,353	9.4	4.3 ^f
1999/00	5.700	5,838,788	1,385,890	186,169	7.2	4.2 ^f
2000/01	5.700	6,018,761	1,410,315	172,790	8.0	4.3 ^f
2001/02	5.700	5,918,706	1,416,768	168,151	8.3	4.2 ^f
2002/03	5.700	5,462,455	1,308,709	131,021	9.8	4.2 ^f
2003/04	5.700	5,665,828	1,319,707	125,119	10.3	4.3 ^f
2004/05	5.700	5,575,051	1,323,001	91,694	14.2	4.2 ^f
2005/06	5.700	5,520,318	1,263,339	54,685	22.9	4.4 ^f
2006/07	5.700	5,262,342	1,178,321	53,065	22.0	4.5 ^f
2007/08	5.700	5,508,100	1,233,848	52,609	23.5	4.5 ^f
2008/09	5.985	5,680,084	1,254,607	50,666	24.8	4.5 ^f
2009/10	5.985	5,912,287	1,308,218	52,787	24.8	4.5 ^f
2010/11	5.985	5,968,849	1,297,229	55,795	23.2	4.6 ^f
2011/12	5.985	5,964,416	1,284,946	44,241	29.0	4.6 ^f
2012/13	6.290	6,267,759	1,360,582	53,543	25.4	4.6 ^f
2013/14 ^g	6.290	6,379,553	1,407,103	63,223	22.3	4.5 ^f
2014/15 ^g	6.290	6,108,674	1,354,376	58,550	23.1	4.5 ^f

a. Includes deadloss.

b. Catch (number of crab) per pot lift.

c. Average weight (lb) of landed crab, including deadloss.

d. Managed with 6.5" CW minimum size limit.

e. Managed with 6.5" CW minimum size limit west of 171° W longitude and 6.0" minimum size limit east of 171° W longitude.

f. Managed with 6.0" minimum size limit.

g. Catch and effort data includes cost-recovery fishery.

Table 1b. Harvest history for the Aleutian Islands golden king crab fishery (biomass and number of retained crabs, pot lifts, fishery catch per unit effort, and average weight of landed crab) by fishery season from the 1985/86 season through the 2014/15 season, including the Community Development Quota (CDQ) and Adak Community Allocation (ACA) fisheries for the 2005/06–2014/15, and cost-recovery fishery for 2013/14 and 2014/15, partitioned for the fisheries east and west of 174° W longitude (request of CPT, May 2015, and SSC, June 2015).

Season	East of 174					West of 174				
	1,000's lb	1,000's crab	1,000's pot lifts	Crab/(pot lift)	Avg Wt (lb)	1,000's lb	1,000's crab	1,000's pot lifts	Crab/(pot lift)	Avg Wt (lb)
1985/86	6,515	1,400	118	11.9	4.7	6,219	1,411	119	11.9	4.4
1986/87	5,922	1,307	155	8.4	4.5	8,816	2,034	278	7.3	4.3
1987/88	4,432	1,029	147	7.0	4.3	4,825	1,145	160	7.1	4.2
1988/89	5,149	1,169	156	7.5	4.4	5,478	1,319	166	7.9	4.2
1989/90	5,473	1,318	155	8.5	4.2	6,549	1,585	203	7.8	4.1
1990/91	3,939	946	106	8.9	4.2	3,012	758	109	7.0	4.0
1991/92	4,554	1,094	133	8.2	4.2	3,149	753	101	7.4	4.2
1992/93	4,606	1,119	134	8.4	4.1	1,685	409	69	5.9	4.1
1993/94	3,329	832	107	7.8	4.0	2,223	565	128	4.4	3.9
1994/95	4,752	1,128	191	5.9	4.2	3,377	796	195	4.1	4.2
1995/96	4,627	1,047	178	5.9	4.4	2,333	536	115	4.6	4.4
1996/97	3,291	732	113	6.5	4.5	2,525	603	99	6.1	4.2
1997/98	3,501	781	106	7.3	4.5	2,445	570	87	6.6	4.3
1998/99	3,248	740	83	8.9	4.4	1,694	410	36	11.4	4.1
1999/00	3,070	709	79	9.0	4.3	2,769	677	107	6.3	4.1
2000/01	3,134	705	72	9.8	4.4	2,885	706	101	7.0	4.1
2001/02	3,179	730	63	11.7	4.4	2,740	687	106	6.5	4.0
2002/03	2,822	644	52	12.4	4.4	2,641	665	79	8.4	4.0
2003/04	2,977	643	59	10.9	4.6	2,689	677	66	10.2	4.0
2004/05	2,887	638	35	18.3	4.5	2,688	685	57	12.1	3.9
2005/06	2,867	624	25	25.4	4.6	2,654	639	30	21.2	4.2
2006/07	2,992	651	26	24.8	4.6	2,270	528	27	19.6	4.3
2007/08	2,990	633	23	28.0	4.7	2,518	601	30	20.0	4.2
2008/09	3,144	667	24	27.3	4.7	2,536	588	26	22.4	4.3
2009/10	3,150	680	26	25.9	4.6	2,762	628	26	23.7	4.4
2010/11	3,148	671	26	26.0	4.7	2,821	626	30	20.9	4.5
2011/12	3,150	669	18	37.3	4.7	2,814	616	26	23.4	4.6
2012/13	3,315	688	21	33.0	4.8	2,953	673	33	20.6	4.4
2013/14	3,409	720	21	33.7	4.7	2,971	687	42	16.4	4.3
2014/15	3,426	719	17	42.3	4.8	2,683	635	42	15.3	4.2

Table 2. Retained catch (thousands of lb) of Aleutian Islands golden king crab, with the estimated non-retained catch (thousands of lb; not discounted for an assumed bycatch mortality rate) and components of non-retained catch (non-retained legal males, non-retained sublegal males, non-retained females) during commercial crab fisheries by season, 1990/91–2014/15; updated for 2014/15 from 2014 SAFE.

Season	Retained Catch	Non-retained Catch	Components of non-retained catch:		
			Legal males	Sublegal males	Females
1990/91	6,950	13,824	12	6,407	7,405
1991/92	7,702	11,257	214	5,533	5,510
1992/93	6,291	13,082	62	5,875	7,145
1993/94	5,551	—	—	—	—
1994/95	8,129	—	—	—	—
1995/96	6,960	12,050	64	6,054	5,932
1996/97	5,816	9,100	25	4,222	4,854
1997/98	5,946	8,733	40	4,199	4,494
1998/99	4,942	7,388	41	4,303	3,044
1999/00	5,839	7,552	64	3,930	3,557
2000/01	6,019	8,902	35	4,782	4,084
2001/02	5,919	6,888	27	3,787	3,075
2002/03	5,462	5,671	42	3,113	2,516
2003/04	5,666	4,973	39	2,664	2,271
2004/05	5,575	4,321	76	2,512	1,733
2005/06	5,520	2,524	140	1,479	905
2006/07	5,262	2,573	120	1,263	1,190
2007/08	5,508	3,035	128	1,505	1,402
2008/09	5,680	2,764	175	1,365	1,223
2009/10	5,912	2,787	164	1,364	1,260
2010/11	5,969	2,726	223	1,249	1,255
2011/12	5,964	2,540	269	1,181	1,089
2012/13	6,268	2,900	342	1,235	1,323
2013/14	6,380	3,165	369	1,489	1,307
2014/15	6,109	3,337	480	1,373	1,484

Table 3. Estimated annual weight (lb) of discarded bycatch of golden king crab (all sizes, males and females) and bycatch mortality (lb) during federal groundfish fisheries by gear type (fixed or trawl), 1991/92–2014/15 (assumes bycatch mortality rate of 0.5 for fixed-gear fisheries and 0.8 for trawl fisheries; updated for 2014/15 from 2014 SAFE).

Year	Bycatch		Bycatch Mortality		
	Fixed Gear	Trawl Gear	Fixed Gear	Trawl Gear	Total
1991/92	0	0	0	0	0
1992/93	5	3	3	2	5
1993/94	3,960	8,164	1,980	6,531	8,511
1994/95	1,346	2,674	673	2,139	2,812
1995/96	367	5,165	184	4,132	4,316
1996/97	26	13,862	13	11,090	11,103
1997/98	539	1,071	270	857	1,126
1998/99	3,901	1,381	1,951	1,105	3,055
1999/00	10,572	1,422	5,286	1,138	6,424
2000/01	7,166	669	3,583	535	4,118
2001/02	1,387	417	694	334	1,027
2002/03	75,952	871	37,976	697	38,673
2003/04	86,186	1,498	43,093	1,198	44,291
2004/05	2,450	2,452	1,225	1,962	3,187
2005/06	1,246	4,151	623	3,321	3,944
2006/07	72,306	3,077	36,153	2,462	38,615
2007/08	254,225	3,641	127,113	2,913	130,025
2008/09	108,683	22,712	54,342	18,170	72,511
2009/10	44,226	18,061	22,113	14,449	36,562
2010/11	31,456	34,801	15,728	27,841	43,569
2011/12	36,236	20,038	18,118	16,030	34,148
2012/13	1,191	24,593	596	19,674	20,270
2013/14	3,480	27,382	1,740	21,906	23,645
2014/15	303	13,349	152	10,679	10,831

Table 4. Estimated annual weight (thousands of lb) of total fishery mortality to Aleutian Islands golden king crab, 1990/91–2014/15, partitioned by source of mortality: retained catch, bycatch mortality during crab fisheries, and bycatch mortality during groundfish fisheries; updated for 2014/15 from 2015 SAFE.

Season	Retained Catch	Bycatch Mortality by Fishery Type		Total Fishery Mortality
		Crab	Groundfish	
1990/91	6,950	2,765	—	—
1991/92	7,702	2,251	—	—
1992/93	6,291	2,616	—	—
1993/94	5,551	—	9	—
1994/95	8,129	—	3	—
1995/96	6,960	2,410	4	9,375
1996/97	5,816	1,815	11	7,642
1997/98	5,946	1,739	1	7,685
1998/99	4,942	1,478	3	6,423
1999/00	5,839	1,510	6	7,356
2000/01	6,019	1,780	4	7,803
2001/02	5,919	1,378	1	7,297
2002/03	5,462	1,134	39	6,635
2003/04	5,666	995	44	6,705
2004/05	5,575	864	3	6,442
2005/06	5,520	505	4	6,029
2006/07	5,262	515	39	5,816
2007/08	5,508	607	130	6,245
2008/09	5,680	553	73	6,305
2009/10	5,912	557	37	6,506
2010/11	5,969	545	44	6,558
2011/12	5,964	508	34	6,506
2012/13	6,268	580	20	6,868
2013/14	6,380	633	24	7,037
2014/15	6,109	667	11	6,787