

Table 13. Earnings of S03T Permit Holders by Resident and Operation Type (Continued)

Year	Residency	Operation Type	Permit Holders with Landings	Total Gross Earnings	Average Gross Earnings	Pct. Of Total Permit Holders with Landings	Pct. Of Total Gross Earnings
2012	Local	Dual	64	\$2,406,600	\$37,603	3.6%	2.0%
		Single	262	\$12,531,752	\$47,831	14.9%	10.3%
		Combined	326	\$14,938,352	\$45,823	18.5%	12.3%
	Nonlocal	Dual	153	\$9,525,324	\$62,257	8.7%	7.8%
		Single	279	\$19,096,410	\$68,446	15.8%	15.7%
		Combined	432	\$28,621,734	\$66,254	24.5%	23.5%
	Nonresident	Dual	431	\$29,147,615	\$67,628	24.4%	24.0%
		Single	575	\$48,904,929	\$85,052	32.6%	40.2%
		Combined	1006	\$78,052,545	\$77,587	57.0%	64.2%
	Total	Dual	648	\$41,079,539	\$63,394	36.7%	33.8%
		Single	1,116	\$80,533,092	\$72,162	63.3%	66.2%
		Combined	1,764	\$121,612,631	\$68,941	100.0%	100.0%
2013	Local	Dual	42	\$2,326,621	\$55,396	2.4%	1.8%
		Single	275	\$13,993,547	\$50,886	15.8%	10.8%
		Combined	317	\$16,320,167	\$51,483	18.2%	12.6%
	Nonlocal	Dual	163	\$10,510,474	\$64,481	9.4%	8.1%
		Single	285	\$21,689,557	\$76,104	16.4%	16.7%
		Combined	448	\$32,200,031	\$71,875	25.7%	24.9%
	Nonresident	Dual	420	\$32,345,417	\$77,013	24.1%	25.0%
		Single	555	\$48,705,405	\$87,757	31.9%	37.6%
		Combined	975	\$81,050,822	\$83,129	56.0%	62.6%
	Total	Dual	625	\$45,182,511	\$72,292	35.9%	34.9%
		Single	1,115	\$84,388,509	\$75,685	64.1%	65.1%
		Combined	1,740	\$129,571,020	\$74,466	100.0%	100.0%
2014	Local	Dual	54	\$3,436,700	\$63,643	3.0%	1.9%
		Single	268	\$17,824,938	\$66,511	15.0%	9.8%
		Combined	322	\$21,261,638	\$66,030	18.0%	11.7%
	Nonlocal	Dual	144	\$14,580,601	\$101,254	8.1%	8.0%
		Single	322	\$33,204,277	\$103,119	18.0%	18.2%
		Combined	466	\$47,784,878	\$102,543	26.1%	26.2%
	Nonresident	Dual	423	\$41,793,838	\$98,803	23.7%	22.9%
		Single	573	\$71,369,294	\$124,554	32.1%	39.2%
		Combined	996	\$113,163,132	\$113,618	55.8%	62.1%
	Total	Dual	621	\$59,811,138	\$96,314	34.8%	32.8%
		Single	1,163	\$122,398,510	\$105,244	65.2%	67.2%
		Combined	1,784	\$182,209,648	\$102,135	100.0%	100.0%

* Adjusted for inflating using the 2014 U.S. Department of Labor Consumer Price Index.

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(3) Submitted by: BBEDC

Participation and Earnings

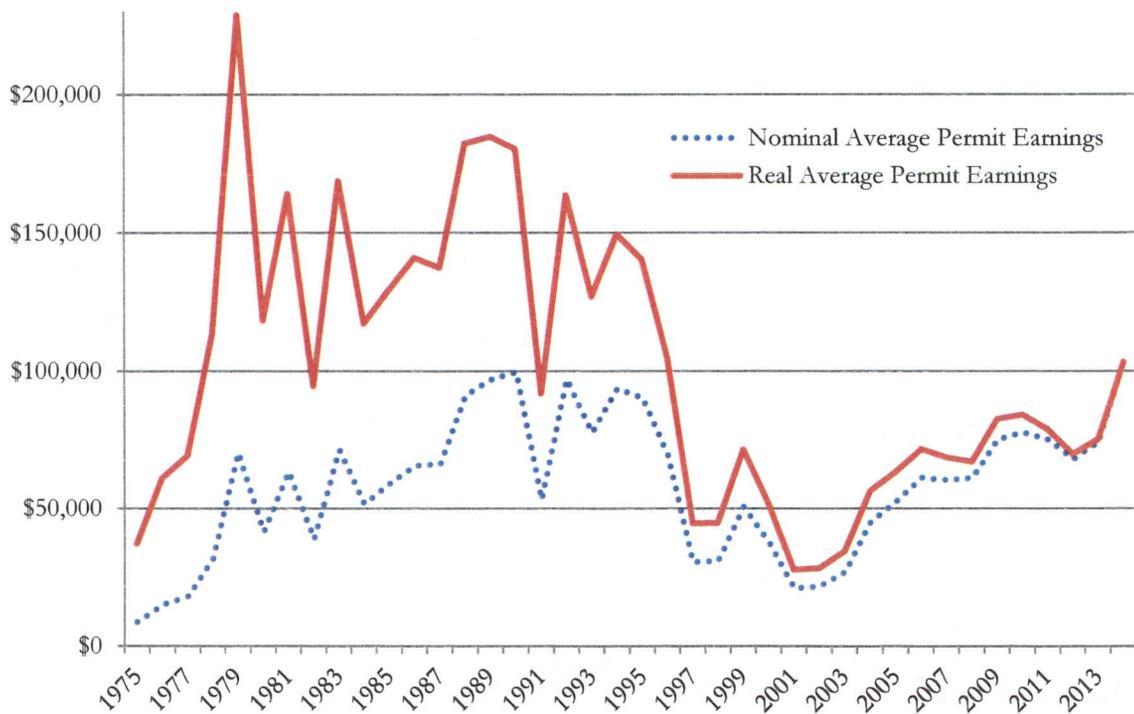
Table 14 reports the number of permits, permits with landings, number of vessels with landings, and estimated gross earnings in the Bristol Bay drift gillnet salmon fishery from 1975 to 2014. Ex-vessel prices used in this table come from the CFEC Gross Earnings file. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings are shown in Figure 5 for both nominal and real (inflation-adjusted) dollars using the 2014 consumer price index from the U.S. Bureau of Labor.

Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last interim-entry permit issued in the Bristol Bay drift gillnet salmon fishery was in 2005. Some individuals made landings on both an interim-entry permit and subsequently on their adjudicated permanent permit in these same year; for these instances only the permanent permit is counted.

Landings made by permits used in dual permit operations are counted as being used even if all the fish tickets were recorded on the other permit in the dual permit operation.

Figure 5. Estimated Nominal and Real Average Ex-vessel Earnings Per Bristol Bay Drift Gillnet Permit



Real dollars are adjusted for inflation using the 2014 U.S. Bureau of labor CPI.

Table 14. Estimated Total Ex-vessel Earnings (Real and Nominal) for the Bristol Bay Salmon Drift Gillnet Fishery, With Average Real Earnings by Permit and Vessel

Year	Viabe Permits	Nominal Total Value	Real* Total Earnings	Permits With Landings	Average Permit Real* Earnings	Vessels With Landings	Average Vessel Real* Earnings
1975	1,832	\$10,529,539	\$46,333,102	1,248	\$37,126	1,371	\$33,795
1976	1,707	\$19,859,648	\$82,627,306	1,355	\$60,980	1,428	\$57,862
1977	1,725	\$24,058,389	\$93,984,930	1,359	\$69,157	1,452	\$64,728
1978	1,772	\$49,183,042	\$178,579,704	1,575	\$113,384	1,587	\$112,527
1979	1,800	\$120,196,589	\$391,940,216	1,714	\$228,670	1,750	\$223,966
1980	1,827	\$72,583,988	\$208,534,502	1,764	\$118,217	1,848	\$112,843
1981	1,827	\$112,487,059	\$292,956,396	1,785	\$164,121	1,816	\$161,320
1982	1,825	\$69,074,998	\$169,456,359	1,792	\$94,563	1,842	\$91,996
1983	1,822	\$127,608,313	\$303,308,047	1,797	\$168,786	1,826	\$166,105
1984	1,819	\$92,757,369	\$211,347,531	1,804	\$117,155	1,863	\$113,445
1985	1,834	\$106,696,595	\$234,748,375	1,815	\$129,338	1,851	\$126,822
1986	1,839	\$118,928,486	\$256,885,530	1,823	\$140,914	1,852	\$138,707
1987	1,839	\$120,369,596	\$250,843,456	1,826	\$137,373	1,862	\$134,717
1988	1,840	\$167,443,171	\$335,078,839	1,838	\$182,306	1,869	\$179,282
1989	1,867	\$179,466,290	\$342,630,094	1,855	\$184,706	1,895	\$180,807
1990	1,878	\$186,085,765	\$337,055,850	1,869	\$180,340	1,908	\$176,654
1991	1,883	\$99,230,409	\$172,477,313	1,873	\$92,086	1,896	\$90,969
1992	1,885	\$182,217,012	\$307,464,908	1,879	\$163,632	1,919	\$160,221
1993	1,888	\$145,375,898	\$238,170,994	1,877	\$126,889	1,922	\$123,918
1994	1,888	\$174,569,899	\$278,859,512	1,865	\$149,523	1,890	\$147,545
1995	1,888	\$170,029,398	\$264,121,258	1,882	\$140,341	1,917	\$137,778
1996	1,892	\$130,612,195	\$197,072,075	1,884	\$104,603	1,921	\$102,588
1997	1,900	\$56,691,067	\$83,618,794	1,875	\$44,597	1,901	\$43,987
1998	1,903	\$57,202,946	\$83,079,733	1,858	\$44,715	1,869	\$44,451
1999	1,900	\$92,895,948	\$132,003,692	1,847	\$71,469	1,873	\$70,477
2000	1,891	\$68,412,338	\$94,051,471	1,823	\$51,592	1,841	\$51,087
2001	1,885	\$32,414,815	\$43,330,061	1,566	\$27,669	1,570	\$27,599
2002	1,878	\$25,432,417	\$33,467,308	1,184	\$28,266	1,176	\$28,459
2003	1,868	\$37,999,418	\$48,890,381	1,424	\$34,333	1,407	\$34,748
2004	1,860	\$65,669,641	\$82,299,460	1,465	\$56,177	1,373	\$59,941
2005	1,862	\$80,559,324	\$97,651,266	1,542	\$63,328	1,387	\$70,405
2006	1,860	\$96,064,034	\$112,806,623	1,577	\$71,532	1,464	\$77,054
2007	1,862	\$98,114,659	\$112,023,960	1,633	\$68,600	1,404	\$79,789
2008	1,863	\$100,139,700	\$110,108,414	1,645	\$66,935	1,396	\$78,874
2009	1,863	\$122,005,800	\$134,630,228	1,628	\$82,697	1,356	\$99,285
2010	1,863	\$134,136,756	\$145,627,725	1,731	\$84,129	1,404	\$103,723
2011	1,862	\$131,558,667	\$138,458,304	1,758	\$78,759	1,444	\$95,885
2012	1,862	\$117,943,745	\$121,612,631	1,743	\$69,772	1,433	\$84,866
2013	1,862	\$127,502,687	\$129,571,020	1,723	\$75,201	1,408	\$92,025
2014	1,863	\$182,209,648	\$182,209,648	1,762	\$103,411	1,463	\$124,545

* Adjusted for inflation to 2014 dollars using U.S. Bureau of Labor Consumer Price Index.

o Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for dual permit operations, as well as the combination of interim-entry permits that were issued as permanent permits in the same year.

Table 16 describes both estimated real earnings by district and the number of permits with commercial landings in each of the districts. Please note that some permits recorded landings in more than one district.

Table 15. S03T Earnings by District

Year	Togiak		Nushagak		Naknek-Kvichak		Egegik		Ugashik		Other		Total Permits	Total Earnings*												
	Permits	Real* Value	Permits	Real* Value	Permits	Real* Value	Permits	Real* Value	Permits	Real* Value	Permits	Real* Value														
1975	158	12.7%	33,397,927	7.3%	429	34.4%	\$7,494,175	16.2%	742	59.5%	\$26,403,819	57.0%	243	19.5%	\$8,769,717	18.9%	39	3.1%	\$187,970	0.4%	6	0.5%	\$79,495	0.2%	1,248	\$46,333,102
1976	147	10.8%	\$6,624,172	8.0%	462	34.1%	\$26,755,559	32.4%	712	32.5%	\$32,307,640	39.1%	254	18.7%	\$14,681,975	17.8%	77	5.7%	\$2,143,677	2.6%	11	0.8%	\$114,282	0.1%	1,355	\$82,627,306
1977	148	10.9%	\$9,789,197	10.4%	500	36.8%	\$25,737,363	27.4%	635	46.7%	\$33,255,030	35.4%	327	24.1%	\$23,398,474	24.9%	49	3.6%	\$1,499,971	1.6%	16	1.2%	\$304,895	0.3%	1,359	\$93,984,930
1978	184	11.7%	\$14,956,333	8.4%	708	45.0%	\$27,305,230	40.5%	829	52.6%	\$72,595,970	60.7%	385	24.4%	\$17,328,924	9.7%	53	3.4%	\$519,055	0.3%	27	1.7%	\$874,186	0.5%	1,575	\$178,579,704
1979	186	10.9%	\$11,163,950	2.8%	831	48.5%	\$65,978,668	16.8%	1,074	62.7%	\$259,884,758	66.3%	333	19.4%	\$35,669,997	9.1%	116	6.8%	\$7,208,771	1.8%	812	47.4%	\$12,034,072	3.1%	1,714	\$291,940,216
1980	254	14.4%	\$9,869,163	4.7%	987	56.0%	\$52,707,829	25.3%	1,023	58.0%	\$115,799,201	55.5%	286	16.2%	\$21,455,175	10.3%	207	11.7%	\$8,125,285	3.9%	24	1.4%	\$308,534,502	0.3%	1,764	\$208,534,502
1981	277	15.5%	\$9,675,015	3.3%	902	50.5%	\$97,483,700	33.3%	994	55.7%	\$120,423,659	41.1%	358	20.1%	\$41,078,409	14.0%	286	16.0%	\$23,878,899	8.2%	18	1.0%	\$416,715	0.1%	1,785	\$292,956,396
1982	298	16.6%	\$10,531,709	6.2%	1,064	59.4%	\$76,535,938	45.2%	851	47.5%	\$46,872,848	27.7%	422	23.5%	\$22,973,261	13.6%	267	14.9%	\$11,807,394	7.0%	22	1.2%	\$735,209	0.4%	1,792	\$169,456,359
1983	287	16.0%	\$7,619,019	2.5%	944	52.5%	\$46,615,693	15.4%	1,071	59.6%	\$168,305,604	55.5%	487	27.1%	\$52,680,418	17.4%	354	19.7%	\$27,881,035	9.2%	18	1.0%	\$206,278	0.1%	1,797	\$303,308,047
1984	288	16.0%	\$1,480,042	3.5%	891	49.4%	\$27,535,093	13.0%	1,122	62.2%	\$110,145,470	52.1%	579	32.1%	\$42,688,141	20.2%	341	18.9%	\$22,621,222	10.7%	44	2.4%	\$677,562	0.4%	1,804	\$211,347,531
1985	155	8.5%	\$4,648,833	2.0%	609	33.6%	\$12,392,139	5.3%	1,172	64.6%	\$74,762,772	31.8%	921	50.7%	\$74,992,026	31.9%	769	42.4%	\$67,484,289	28.7%	44	2.4%	\$468,315	0.2%	1,815	\$234,748,375
1986	157	8.6%	\$6,629,699	2.6%	820	45.0%	\$42,458,689	16.5%	733	40.2%	\$38,824,442	15.1%	835	45.8%	\$84,750,199	33.8%	823	45.1%	\$88,213,722	34.3%	37	2.0%	\$327,684	0.1%	1,823	\$256,885,530
1987	147	8.1%	\$5,984,519	1.6%	628	34.4%	\$47,494,024	18.9%	1,061	58.1%	\$74,218,023	29.6%	927	50.8%	\$84,750,199	33.8%	823	45.1%	\$88,213,722	34.3%	48	2.6%	\$1,010,292	0.4%	1,826	\$250,843,456
1988	321	17.5%	\$21,667,871	6.5%	535	29.1%	\$37,805,322	11.3%	1,015	55.2%	\$80,363,999	24.0%	998	54.3%	\$155,999,864	46.6%	577	31.4%	\$36,386,400	14.5%	59	3.2%	\$2,251,262	0.7%	1,838	\$335,078,839
1989	149	8.0%	\$2,128,126	0.6%	437	23.6%	\$25,222,684	7.4%	1,214	65.4%	\$166,404,073	48.6%	985	53.1%	\$110,384,139	32.2%	555	29.9%	\$37,441,328	10.9%	64	3.5%	\$1,049,743	0.3%	1,855	\$342,630,094
1990	126	6.7%	\$2,249,232	0.7%	450	24.1%	\$28,591,128	8.5%	1,384	74.1%	\$175,276,207	52.0%	967	51.7%	\$107,293,724	31.8%	421	22.5%	\$22,709,443	6.7%	63	3.4%	\$936,117	0.3%	1,869	\$337,055,850
1991	205	10.9%	\$3,393,503	2.0%	461	24.6%	\$30,281,162	17.6%	1,087	58.0%	\$72,238,696	41.9%	668	35.7%	\$45,862,076	26.6%	445	23.8%	\$20,075,293	11.6%	68	3.6%	\$626,583	0.4%	1,873	\$172,477,313
1992	278	14.8%	\$6,177,741	2.0%	522	27.8%	\$22,860,128	7.4%	974	51.8%	\$91,494,739	29.8%	944	50.3%	\$152,894,531	49.7%	515	27.4%	\$33,257,786	10.8%	102	5.4%	\$779,983	0.3%	1,879	\$307,464,908
1993	155	8.3%	\$2,685,242	1.1%	523	27.9%	\$28,403,229	11.9%	833	44.4%	\$49,629,727	20.8%	1,187	63.2%	\$132,048,362	55.4%	606	32.3%	\$25,066,006	10.5%	50	2.7%	\$338,428	0.1%	1,877	\$238,170,994
1994	173	9.3%	\$3,360,865	1.2%	526	28.2%	\$25,220,971	9.0%	1,133	60.8%	\$125,336,357	44.9%	930	49.4%	\$87,010,892	31.2%	479	25.7%	\$36,898,417	13.2%	77	4.1%	\$1,032,009	0.4%	1,865	\$278,859,512
1995	169	9.0%	\$3,070,361	1.2%	515	27.4%	\$24,177,329	9.2%	1,169	62.1%	\$119,736,157	45.3%	930	49.4%	\$87,597,571	33.2%	745	39.6%	\$29,278,471	11.1%	81	4.3%	\$261,368	0.1%	1,882	\$264,121,258
1996	140	7.4%	\$2,201,016	0.7%	622	33.0%	\$35,826,622	18.2%	758	40.2%	\$53,175,487	27.0%	940	49.4%	\$73,618,268	37.4%	624	33.1%	\$32,056,509	16.3%	33	1.8%	\$194,172	0.1%	1,884	\$197,072,075
1997	64	3.4%	\$549,417	0.7%	612	32.6%	\$15,195,434	18.2%	550	29.3%	\$3,492,512	4.2%	948	50.6%	\$53,804,057	64.3%	475	25.3%	\$10,281,359	12.3%	42	2.2%	\$296,014	0.4%	1,875	\$83,618,794
1998	62	3.3%	\$1,658,598	1.7%	680	36.6%	\$22,925,254	27.6%	1,053	56.7%	\$21,268,054	25.6%	948	51.0%	\$30,792,026	37.1%	395	21.3%	\$6,446,220	7.8%	60	3.2%	\$270,112	0.3%	1,858	\$83,079,733
1999	120	6.5%	\$1,658,598	1.7%	556	30.1%	\$28,977,347	22.0%	1,092	59.1%	\$49,996,352	37.9%	817	42.6%	\$38,666,712	29.3%	454	24.6%	\$12,687,427	9.6%	21	1.1%	\$17,255	0.0%	1,847	\$132,003,692
2000	187	10.3%	\$3,009,405	3.2%	675	37.0%	\$27,854,825	29.6%	798	43.8%	\$21,738,960	23.1%	643	41.1%	\$33,510,403	35.6%	520	28.5%	\$7,862,339	8.4%	27	1.5%	\$75,540	0.1%	1,823	\$94,051,471
2001	164	10.5%	\$2,359,710	5.4%	795	50.8%	\$14,856,586	34.3%	553	35.3%	\$15,518,889	35.8%	643	41.1%	\$33,510,403	35.6%	520	28.5%	\$7,862,339	8.4%	27	1.5%	\$75,540	0.1%	1,823	\$94,051,471
2002	94	7.9%	\$693,141	2.1%	490	41.4%	\$8,727,081	26.1%	338	28.5%	\$3,667,643	11.0%	423	35.7%	\$15,016,012	44.9%	378	31.9%	\$5,363,039	16.0%	2	0.2%	\$393	0.0%	1,566	\$43,330,061
2003	137	9.6%	\$2,000,287	4.1%	611	42.9%	\$24,184,941	49.5%	508	35.7%	\$9,129,744	18.7%	557	39.1%	\$7,309,803	15.0%	439	30.8%	\$6,262,355	12.8%	4	0.3%	\$3,250	0.0%	1,424	\$48,890,381
2004	102	7.0%	\$1,247,433	1.5%	436	29.8%	\$21,747,160	26.4%	469	32.0%	\$14,822,203	18.0%	614	41.9%	\$34,041,893	41.4%	357	24.4%	\$10,440,041	12.7%	1	0.1%	\$731	0.0%	1,465	\$82,299,460
2005	89	5.8%	\$1,584,876	1.6%	686	44.5%	\$30,017,072	30.7%	668	43.3%	\$25,913,819	26.5%	617	40.0%	\$30,793,899	31.5%	369	23.9%	\$9,308,776	9.5%	12	0.8%	\$32,825	0.0%	1,542	\$87,651,266
2006	79	5.0%	\$2,121,159	1.9%	691	43.8%	\$44,206,981	39.2%	774	49.1%	\$27,813,127	24.7%	525	33.3%	\$28,801,356	25.5%	243	15.4%	\$9,809,267	8.7%	6	0.4%	\$54,734	0.0%	1,577	\$112,806,623
2007	109	6.7%	\$2,849,077	2.5%	684	41.9%	\$30,399,477	27.1%	716	43.8%	\$32,736,583	29.2%	497	30.4%	\$24,946,034	22.3%	436	26.7%	\$21,092,794	18.8%	0	0.0%	\$0	0.0%	1,633	\$112,023,960
2008	132	8.0%	\$2,542,898	2.7%	549	33.4%	\$26,708,737	24.3%	668	41.0%	\$41,305,484	37.5%	401	24.4%	\$29,230,618	26.5%	287	17.4%	\$10,320,677	9.4%	0	0.0%	\$0	0.0%	1,645	\$110,108,414
2009	125	7.7%	\$2,311,723	1.7%	489	30.0%	\$32,863,826	24.9%	668	41.0%	\$31,755,549	26.9%	566	34.8%	\$51,350,170	38.1%	286	17.6%	\$11,928,960	8.9%	0	0.0%	\$0	0.0%	1,628	\$134,630,228
2010	88	5.1%	\$3,129,599	2.1%	568	32.8%	\$40,797,946	28.0%	899	51.9%	\$54,022,987	37.1%	674	38.9%	\$24,909,529	17.1%	362	20.9%	\$22,767,663	15.6%	0	0.0%	\$0	0.0%	1,731	\$145,627,725
2011	137	7.8%	\$4,211,153	3.0%	440	25.0%	\$29,169,966	21.1%	922	52.4%	\$57,661,833	41.6%	712	40.5%	\$30,188,819	21.8%	397	22.6%	\$17,226,533	12.4%	0	0.0%	\$0	0.0%	1,758	\$138,458,304
2012	119	6.8%	\$4,116,683	3.4%	466	26.7%	\$13,409,110	11.0%	891	51.1%	\$60,765,218	50.0%	486	27.9%	\$28,331,558	23.3%	336	19.3%	\$14,990,061	12.3%	0	0.0%	\$0	0.0%	1,743	\$121,612,631
2013	111	6.4%	\$3,612,507	2.8%	399	23.2%	\$25,887,277	20.0%	891	51.1%	\$40,044,145	30.9%	746	43.3%	\$40,082,128	30.9%	361	21.0%	\$19,944,963	15.4%	0	0.0%	\$0	0.0%	1,723	\$129,571,020
2014	94	5.3%	\$2,765,624	1.5%	546	31.0%	\$38,805,413	21.3%	1,010	57.3%	\$85,988,499	47.2%	736	41.8%	\$45,470,846	25.0%	284	16.1%	\$9,179,265	5.0%	0	0.0%	\$0	0.0%	1,762	\$182,209,648

* Adjusted for inflation to 2014 dollars using U.S. Bureau of Labor Consumer Price Index.

**Other includes landings made in area M per 5 AAC 39.120 (d), as well as some landings in the 1970's that were recorded as having been made in the Kuskokwim district.

Bristol Bay Salmon Set Gillnet Fishery

S04T Permit Holdings

With the advent of limited entry, Bristol Bay salmon set gillnet (S04T) permits were issued starting in 1975. Table 16 indicates the initial distribution and historical net changes in S04T permit holdings. CFEC has issued 1,041 S04T permits. Of this total, Alaska Locals received 63.4% (660) permits. Nonlocal Alaskans received 227 permits, and nonresidents received 154 permits.

Table 16. Initial Issuance and Year-end 2014 Totals of Bristol Bay Set Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

Residency	Total Initially Issued		TRANSFERS		MIGRATIONS		CANCELLED		2014 YEAR-END	
	Count	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	2014 Year-End Total	Percentage of Year-End Total
Local	660	63.4%	-152	-23.0%	-139	-21.1%	-32	-4.8%	337	34.5%
Nonlocal	227	21.8%	42	18.5%	46	20.3%	-23	-10.1%	292	29.9%
Nonresident	154	14.8%	110	71.4%	93	60.4%	-9	-5.8%	348	35.6%
Total	1,041	100.0%	0	0.0%	0	0.0%	-64	-6.1%	977	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two years in a row).

Table 17 provides counts of interim-entry and permanent permits for the Bristol Bay salmon set gillnet fishery. Among the permanent permits, included are counts of both transferable and non-transferable permits.

Table 17. Year-end Counts of Interim Entry and Permanent Permits in the Bristol Bay Salmon Set Gillnet Fishery

Year	Interim		Transferable	Not Transferable	Total Permits	Year	Interim		Transferable	Not Transferable	Total Permits
	Entry	Permanent					Entry	Permanent			
1975	211	716	716	0	927	1995	8	1,011	907	104	1,019
1976	5	759	746	13	764	1996	6	1,011	913	98	1,017
1977	16	824	765	59	840	1997	7	1,012	915	97	1,019
1978	19	891	814	77	910	1998	6	1,009	915	94	1,015
1979	24	910	825	85	934	1999	6	1,008	918	90	1,014
1980	34	913	825	88	947	2000	6	1,007	919	88	1,013
1981	42	914	826	88	956	2001	2	1,008	921	87	1,010
1982	43	916	823	93	959	2002	2	1,004	921	83	1,006
1983	40	929	827	102	969	2003	1	999	920	79	1,000
1984	32	931	828	103	963	2004	1	988	917	71	989
1985	28	931	832	99	959	2005	0	988	919	69	988
1986	26	940	838	102	966	2006	0	985	917	68	985
1987	19	942	840	102	961	2007	0	983	916	67	983
1988	17	941	840	101	958	2008	0	979	916	63	979
1989	18	1,007	868	139	1,025	2009	0	982	918	64	982
1990	16	1,012	881	131	1,028	2010	0	982	919	63	982
1991	13	1,012	887	125	1,025	2011	0	981	919	62	981
1992	10	1,017	900	117	1,027	2012	0	979	919	60	979
1993	9	1,014	904	110	1,023	2013	0	978	920	58	978
1994	7	1,012	905	107	1,019	2014	0	977	920	57	977

Transfers of S04T Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.⁴ The transfer surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 18. Transfer Acquisition Methods for Permits in Select Fisheries, 1980-2014

Transfer Type	Bristol Bay Salmon Set Gillnet		Combined Bristol Bay Salmon Fisheries		All Fisheries Statewide	
	Count	Percentage	Count	Percentage	Count	Percentage
Gift	1,631	49.5%	3,476	40.6%	12,641	35.9%
Sale	1,527	46.3%	4,666	54.5%	20,928	59.4%
Trade	26	0.8%	63	0.7%	486	1.4%
Other	114	3.5%	357	4.2%	1,175	3.3%
Total	3,298		8,562		35,230	

o Bristol Bay Salmon Fisheries includes set gillnet and drift gillnet.

Table 18 presents acquisition methods for transfers in the Bristol Bay salmon set gillnet fishery between 1980 and 2014. During the 1980 – 2014 period, almost half (49.5%) of all transfers were gifts, most of the other half were sales (46.3%), and the remaining transfers were either in the trade or 'other' category. The annual acquisition methods for the limited Bristol Bay salmon permits have not changed substantially throughout the time period.⁵ When contrasted with the combined Bristol Bay salmon fisheries or all fisheries statewide, the percent of gifted transfers is higher and the rate of permit sales is lower. A higher rate of gifts is typical of set gillnet permit fisheries statewide.

Table 19. Relationships of Transferor to Transfer Recipients for Permits in Select Fisheries, 1980-2014

Transfer Type	Bristol Bay Salmon Set Gillnet		Combined Bristol Bay Salmon Fisheries		All Fisheries Statewide	
	Count	Percentage	Count	Percentage	Count	Percentage
Business Partner/Friend	705	21.4%	1,571	18.3%	6,497	18.4%
Member of Immediate Family	1,344	40.8%	3,116	36.4%	11,853	33.6%
Other Relative	231	7.0%	468	5.5%	1,653	4.7%
Other	1,018	30.9%	3,407	39.8%	15,227	43.2%
Total	3,298		8,562		35,230	

o Bristol Bay Salmon Fisheries includes set gillnet and drift gillnet.

Table 19 shows the relationships between the transferors and transfer recipients for permits in the Bristol Bay salmon set gillnet fishery between 1980 and 2014. Statistics are also provided for the combined Bristol Bay salmon fisheries (drift gillnet and set gillnet), and all fisheries statewide. Permit transfers between family members, immediate and non-immediate, total between 38.3% and 47.8% for the three classes of permit holders.

⁴ CFEC implemented the transfer survey in 1980.

⁵ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2014*, CFEC Report No. 15-3.

S04T Permit Value

Many permit transfers are non-monetary transactions (Table 18). This section considers solely arms-length market transactions where permits are sold. Average values are expressed in both nominal and real (adjusted for inflation) terms. Estimated permit values are calculated with at least four permit sale transactions; because of the low number of sales in this fishery, the average for one year may include permit sales that span multiple years.

Table 20. CFEC Estimated Value of S04T Permits

Year	S04T Permit Sales	Nominal		Real	
		Permit Value	Standard Deviation	Permit Value	Standard Deviation
1982	72	\$37,394	-	\$91,736	-
1983	50	\$41,246	-	\$98,036	-
1984	47	\$41,533	-	\$94,633	-
1985	48	\$35,974	-	\$79,148	-
1986	61	\$33,054	-	\$71,397	-
1987	64	\$35,254	-	\$73,467	-
1988	50	\$46,508	-	\$93,069	-
1989	36	\$61,125	-	\$116,697	-
1990	29	\$65,179	-	\$118,058	-
1991	39	\$59,500	\$9,150	\$103,420	\$15,904
1992	46	\$49,800	\$6,250	\$84,030	\$10,546
1993	30	\$49,100	\$6,900	\$80,441	\$11,304
1994	28	\$37,800	\$5,450	\$60,382	\$8,706
1995	35	\$42,200	\$4,850	\$65,553	\$7,534
1996	48	\$41,100	\$5,700	\$62,013	\$8,600
1997	33	\$39,000	\$6,050	\$57,525	\$8,924
1998	29	\$30,400	\$4,000	\$44,152	\$5,809
1999	31	\$31,300	\$5,450	\$44,477	\$7,744
2000	33	\$32,400	\$3,450	\$44,543	\$4,743
2001	31	\$25,300	\$5,600	\$33,819	\$7,486
2002	26	\$12,100	\$2,950	\$15,923	\$3,882
2003	31	\$12,600	\$3,150	\$16,211	\$4,053
2004	34	\$14,300	\$3,100	\$17,921	\$3,885
2005	44	\$15,100	\$2,400	\$18,304	\$2,909
2006	41	\$22,400	\$4,200	\$26,304	\$4,932
2007	29	\$24,000	\$3,200	\$27,402	\$3,654
2008	28	\$27,400	\$2,600	\$30,128	\$2,859
2009	44	\$28,200	\$2,250	\$31,118	\$2,483
2010	47	\$28,700	\$3,000	\$31,159	\$3,257
2011	38	\$35,900	\$4,950	\$37,783	\$5,210
2012	28	\$40,300	\$2,500	\$41,554	\$2,578
2013	23	\$39,900	\$2,500	\$40,547	\$2,541
2014	38	\$35,900	\$4,950	\$37,783	\$5,210

- o Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- o Real permit values were calculated using the 2014 Consumer Price Index from the U.S. Bureau of Labor Statistics.
- o The Standard Deviation was not calculated prior to 1991.

Real permit values reached a high in 1990 before declining. The value of Bristol Bay salmon set gillnet permits bottomed out in 2002. Likewise, the value of many other salmon limited entry permits around the state have experienced similar trajectories.

Emergency Transfers of S04T Permits

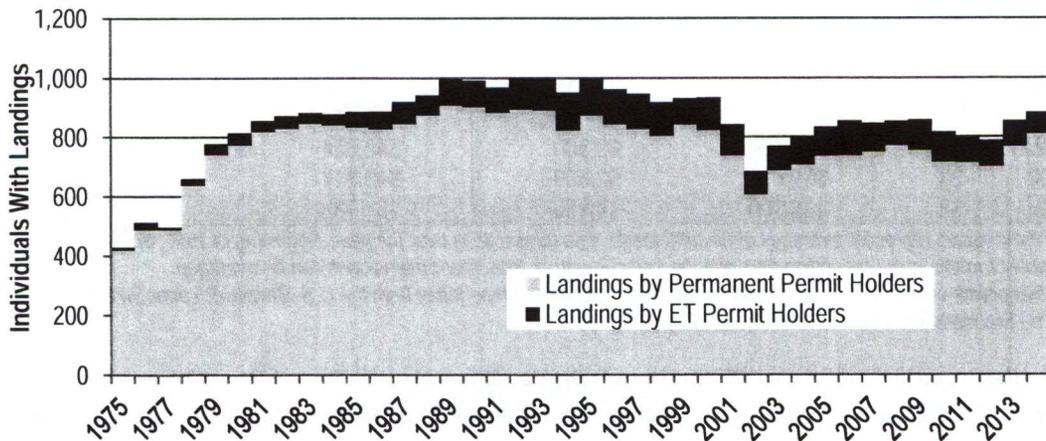
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfer (ET) permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permit holder from participating in the fishery. "Hardship" does not include the results of a permit holder's own economic decisions, nor the results of economic, biological or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert back to the permanent permit holder.

Table 21 and Figure 6 show the total number of unique individuals who recorded landings in the S04T permit fishery each year, and of that group, the number of individuals who made landings with permits held through emergency transfer. Some individuals who made landings with emergency transfer permits also made landings with permanent permits in the same year.

Table 21. Use of Emergency Transfer Permits in the Bristol Bay Set Gillnet Fishery

Year	Individuals With Landings	Landings by ET Permit Holders	Rate ET	Year	Individuals With Landings	Landings by ET Permit Holders	Rate ET	Year	Individuals With Landings	Landings by ET Permit Holders	Rate ET
1975	429	10	2.3%	1989	994	86	8.7%	2003	769	82	10.7%
1976	512	25	4.9%	1990	991	88	8.9%	2004	799	93	11.6%
1977	496	9	1.8%	1991	968	84	8.7%	2005	834	98	11.8%
1978	660	22	3.3%	1992	998	103	10.3%	2006	855	118	13.8%
1979	778	37	4.8%	1993	996	105	10.5%	2007	846	97	11.5%
1980	814	40	4.9%	1994	951	128	13.5%	2008	854	83	9.7%
1981	856	38	4.4%	1995	996	122	12.2%	2009	858	104	12.1%
1982	873	44	5.0%	1996	962	119	12.4%	2010	816	101	12.4%
1983	884	38	4.3%	1997	947	120	12.7%	2011	796	83	10.4%
1984	879	38	4.3%	1998	918	114	12.4%	2012	787	87	11.1%
1985	887	54	6.1%	1999	931	89	9.6%	2013	855	87	10.2%
1986	888	61	6.9%	2000	934	111	11.9%	2014	884	74	8.4%
1987	920	75	8.2%	2001	842	105	12.5%				
1988	942	67	7.1%	2002	684	79	11.5%				

Figure 6. Use of Emergency Transfer Permits in the Bristol Bay Set Gillnet Fishery



DNR Shore Fishery Leases in the Bristol Bay Set Gillnet Fishery

The Alaska Department of Natural Resources (DNR) administers a shore fishery lease program for the use of state owned and managed tidelands by CFEC set gillnet permit holders in Bristol Bay. A shore fishery lease grants permit holders the first right of priority to fish a tract of tidelands. Many permit holders obtain shore fishery leases, although a lease is not required in order to fish.

In Bristol Bay, the DNR shore fishery lease program allows a permit holder to maintain up to two tracts per permit.⁶ While some tracts are adjacent to one another, other tracts may be scattered miles apart. Additional information regarding DNR shore fishery leases can be found in CFEC publication 14-4N.⁷

In Table 22, the total number of Bristol Bay set gillnet permits, permits with landings, and permits with a DNR shore fishery lease as of December 31 is reported by district. The total permits by district include permits that either had landings documented within the fishing district or had a DNR lease. While there are no restrictions as to which district an S04T permit can be used to make landings, generally speaking, S04T permit holders typically did not make landings in more than one district.

Please see Appendix B for Bristol Bay DNR shore fishery lease site maps as of October 16, 2015.

Table 22. Bristol Bay Set Gillnet DNR Shore Fishery Leases by District

Year	Total Permits	Permits with Landings	Permits with DNR Lease	Togiak		Nushagak		Naknek-Kvichak		Egegik		Ugashik	
				With DNR Lease	Total Permits								
1987	960	899	402	1	67	91	289	153	333	121	211	38	80
1988	959	922	441	1	122	105	286	169	360	129	197	39	72
1989	1,025	971	451	0	96	110	294	168	366	133	224	42	75
1990	1,028	971	441	1	75	121	347	149	442	125	223	48	71
1991	1,024	950	504	3	103	132	317	179	367	141	221	51	74
1992	1,025	968	536	4	116	136	301	198	358	149	212	52	70
1993	1,022	965	545	4	108	136	299	197	344	157	233	52	75
1994	1,019	939	514	4	115	124	302	183	338	156	231	47	73
1995	1,019	967	544	4	103	134	297	201	355	161	219	44	72
1996	1,017	941	555	4	111	137	285	213	357	157	215	44	61
1997	1,019	921	546	5	84	135	289	209	315	153	255	45	66
1998	1,015	901	550	12	83	132	285	205	317	160	222	42	61
1999	1,014	925	544	12	78	132	298	201	327	158	219	41	58
2000	1,012	921	524	11	88	128	302	189	334	159	216	37	58
2001	1,010	834	508	11	82	122	285	181	287	159	210	36	57
2002	1,006	680	481	10	60	115	236	167	283	155	192	34	46
2003	1,001	761	479	11	77	114	242	168	291	153	205	33	55
2004	989	795	479	11	73	118	249	165	298	152	203	33	50
2005	988	829	478	11	72	119	248	164	309	151	199	33	59
2006	985	844	475	12	77	118	241	161	318	150	203	34	60
2007	983	835	470	13	76	113	245	155	307	153	199	36	54
2008	979	850	476	14	74	114	255	159	297	153	201	36	57
2009	982	843	485	16	71	118	257	158	286	153	201	40	55
2010	982	868	502	17	78	129	277	162	290	153	203	41	55
2011	981	889	530	19	83	147	290	172	279	151	201	41	55
2012	979	893	542	18	86	154	283	175	279	152	205	43	58
2013	978	847	552	19	81	159	275	178	273	153	202	43	61
2014	977	875	563	19	81	161	283	185	280	153	207	45	79

⁶ See 11 AAC 24.0331(b)(1)(D).

⁷ See *CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2013*. CFEC Report No. 14-4N.

Latent S04T Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they actually fish. Permits that are not used to record landings in a given year are referred to herein as “latent” for that year.

Table 23 indicates the total number of Bristol Bay salmon set gillnet permits issued each year, and reports the number of permits with commercial landings, and the rate of permit latency. Both interim and permanent permits are included. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted.

Several complications make it difficult to accurately count the number of latent permits therefore the figures should be viewed with caution. In some cases, permits might be active in the fishery but might not be used to record landings. This can occur when permit holders fish in a group, especially among family or friends, and the group records their landings on only one, or some, of the group’s permits. Although this practice is not legal,⁸ it allegedly occurs in the set gillnet fisheries at a rate higher than in other fisheries. The effect would be to under-count the number of permits active in the fishery, and over-estimate the latency rate.

Individuals who hold a DNR Shore Fishery Lease are required by regulation to fish at least four openings in years when they hold a lease, unless they refrain for no more than one year from using the site.⁹ The ‘Landings and/or DNR lease’ column counts permits that either held a DNR Shore Fishery Lease or made a commercial landing. The actual annual rate of latency is likely lies between the rates given in this table.

There are many reasons why an individual might not fish in any given year. This table does not explain any of these reasons, but simply estimates the rate of permit latency.

Table 23. Bristol Bay Set Gillnet Permit Latency

Year	Total Fishery Permits	Permits With Count	Landings Latency	Landings and/or DNR Lease	Latency Rate
1975	791	426	46.1%	449	43.2%
1976	761	502	34.0%	522	31.4%
1977	836	497	40.6%	519	37.9%
1978	906	656	27.6%	674	25.6%
1979	934	770	17.6%	779	16.6%
1980	947	807	14.8%	820	13.4%
1981	956	841	12.0%	853	10.8%
1982	958	859	10.3%	870	9.2%
1983	960	865	9.9%	882	8.1%
1984	962	869	9.7%	880	8.5%
1985	959	872	9.1%	877	8.6%
1986	963	870	9.7%	884	8.2%
1987	960	899	6.4%	914	4.8%
1988	959	922	3.9%	931	2.9%
1989	1,025	971	5.3%	976	4.8%
1990	1,028	971	5.5%	981	4.6%
1991	1,024	950	7.2%	967	5.6%
1992	1,025	968	5.6%	979	4.5%
1993	1,022	965	5.6%	979	4.2%
1994	1,019	939	7.9%	956	6.2%
1995	1,019	967	5.1%	985	3.3%
1996	1,017	941	7.5%	967	4.9%
1997	1,019	921	9.6%	953	6.5%
1998	1,015	901	11.2%	940	7.4%
1999	1,014	925	8.8%	957	5.6%
2000	1,012	921	9.0%	943	6.8%
2001	1,010	834	17.4%	891	11.8%
2002	1,006	680	32.4%	800	20.5%
2003	1,001	761	24.0%	848	15.3%
2004	989	795	19.6%	857	13.3%
2005	988	829	16.1%	874	11.5%
2006	985	844	14.3%	884	10.3%
2007	983	835	15.1%	872	11.3%
2008	979	850	13.2%	878	10.3%
2009	982	843	14.2%	860	12.4%
2010	982	868	11.6%	889	9.5%
2011	981	889	9.4%	905	7.7%
2012	979	893	8.8%	905	7.6%
2013	978	847	13.4%	885	9.5%
2014	977	875	10.4%	905	7.4%

- o When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted.
- o ‘Permits with Landings’ is the number of CFEC permits that were used to record commercial landings in that year.
- o ‘Permit Landings and/or DNR Lease’ is the number of CFEC permits that were used to record a landing, or were associated with a DNR shore fishery lease.

⁸ See AS 16.05.680 (b) and AS 16.05.690 (b).

⁹ See 11 AAC 64.180.