Photo courtesy of Art Bloom

CFEC Permit Holdings, Harvests, and Estimated Gross Earnings by Resident Type in the Bristol Bay Salmon Gillnet Fisheries, 1975 - 2011

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Abstract

Limited entry permit holdings, fishery harvests, and estimated gross earnings are broken out by resident type for the Bristol Bay salmon drift gillnet and set gillnet fisheries. Three resident types are considered: persons who reside in places local to Bristol Bay; persons who reside outside of Bristol Bay, but in Alaska; and persons who are nonresidents of Alaska. The resident status for a permit is determined by the residence of the end-of-the-year permit holder. This report also contains a description of the computer files and methodology used to generate the figures.

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Introduction

This report was prepared to provide a view of limited entry permit holdings, fishery harvests, and estimated gross earnings by resident status for permit holders in the Bristol Bay salmon drift gillnet and set gillnet fisheries. Resident status is broken into three classes: 1) permits held by persons residing locally to Bristol Bay - ***Alaska Locals***; 2) permits held by persons from other parts of Alaska - ***Alaska Nonlocals***; and 3) permits held by nonresidents of Alaska - ***Nonresidents***.

Description of the Files

Three CFEC data files were used to generate the figures in the report: the Gross Earnings file, the Permit file, and the Census file. The following is a description of each file, with notes that correspond to the analysis done for the report.

CFEC Permit File

The CFEC permit file contains data on persons who hold or have held CFEC permits. It originates from CFEC permit renewal and permit transfer forms. A CFEC permit may be held by more than one person in a year. Permits may be transferred between individuals on a permanent or temporary (emergency) basis. An emergency transfer is a temporary transfer between individuals in the event of an emergency or unforeseen event.

The Permit data file contains a field indicating the declared residency of permit holders. When a permit holder renews an existing permit, or receives a permit through permanent transfer, they must declare whether they are a resident of Alaska. Permit renewal fees are based upon Alaska resident or nonresident status. CFEC permit forms first asked for a declared residency in 1978. Residency on the permit file for the years 1975 through 1977 is based solely upon the listed mailing address of the permit holder.

Persons who receive a permit through an emergency transfer do not have to declare their residency. In these cases, the transfer recipient's residency is assigned based upon their most recent residency declaration in the CFEC system. Sometimes, the person will be new to the CFEC files, and a declaration of residency is not available. These persons are designated as "Unknown" in the Permit file residency field. At the end of the year, permits that were emergency transferred automatically go back to the original permit holder.

CFEC Gross Earnings File

The CFEC Gross Earnings file is based upon ADF&G fish tickets and is enhanced with CFEC data on fishing permits and estimated gross earnings. Earnings information is derived primarily through CFEC analysis of fish tickets and processor reports.[1] Average price-per-pound estimates are derived for each area (which usually corresponds with the ADF&G fishery management area), species, gear, and delivery type (gutted, in-the-round, etc.) on fish tickets. These average prices are then applied to fish ticket data to estimate gross earnings.

CFEC Census File

CFEC maintains a computer file of places within Alaska where permit holders or vessel owners reside. Each place is annotated with information on its rural or urban status, using United States Census Bureau criteria. CFEC also provides codes that indicate which fisheries are local to each place.

Table 1 shows the places that are designated as local to the Bristol Bay salmon fisheries in the CFEC Census File. This is not a complete list of all possible communities or places that are local to the Bristol Bay fisheries. Instead, the list reflects a combination of places from the Census Bureau, or places of residence given by CFEC permit holders during the 1975 – 2011 period. It is possible that other local Bristol Bay places could be added in the future, provided someone from a new location renews or temporarily holds a Bristol Bay salmon permit.

Table 1. Places Local to the Bristol Bay Salmon Fisheries, As Indicated in the CFEC Census File

Aleknagik	Levelock
Cape Newenham	Manokotak
Clarks Point	Naknek
Dillingham	New Stuyahok
Egegik	Newhalen
Ekuk	Nondalton
Ekwok	Nunachuak
Hallersville	Nushagak
Igiugig	Pedro Bay
Igushik	Pilot Point
Iliamna	Port Alsworth
Kashiagamiut	Portage Creek
King Salmon	South Naknek
Koggiung	Togiak
Kokhanok	Twin Hills
Koliganek	Ugashik
Kvichak	Ungalikthluk

[1] The Commercial Operator's Annual Report (COAR) is a report required by the Alaska Department of Fish and Game for all operations that buy, process, and/or sell fishery resources in Alaska. One section of the report is devoted to ex-vessel purchases, where processors provide information on average prices paid to fishermen.

Selection Criteria Used in This Report

Figures in this report may vary from other sources. Databases change over time as corrections are made, and the methods used to select the data can impact the results.

Harvest figures and permit counts in this report are limited to landings of 'commercial' harvests on valid permits. Commercial harvests generally correspond to the competitive fisheries where product is sold. Other harvests, such as test fishing or landings made on educational permits are excluded. Also excluded are illegal landings, discards, personal use, and other harvests taken but not sold.

The estimates of gross earnings are presented in both nominal and real (inflation-adjusted) figures. The real earnings are adjusted for inflation using Consumer Price Index data with 2011 as the base year.[2]

Because permit holdings continually change, data on residency must be viewed as a snapshot in time. In this report, each permit is assigned one resident type for the year, and is based upon the status of the last person to hold the permit. In this way, the residency of the person(s) who made landings during the fishery could be different than the end-of-year permit holder; nevertheless, end-of-the year permit holdings are the most common way CFEC evaluates permit distribution in Alaska, and represent a consistent view of permit holdings over time. Also note that using end-of-the-year permit holders to assign the status prevents the problem of permits with unknown residency; all end-of-the-year permit holders have a declared residency on file.

Limited Entry Permits in Bristol Bay

Bristol Bay salmon are harvested by set and drift gillnet gear. Each gear type comprises a unique permit fishery. The Bristol Bay fisheries were part of an original group of 19 Alaska salmon fisheries that were limited in 1974. Under the authority of AS 16.43.230, CFEC identified both the Bristol Bay drift and set net fisheries as "distressed fisheries" in the State's limited entry regulations.[3] Salmon limited entry permits were first issued in 1975.

Tables 2 and 3 indicate an overall picture of the number of salmon permits in Bristol Bay. Between 1975 and 2011, CFEC issued 1,875 drift gillnet and 1,041 set gillnet permits. Of these totals, Alaska Locals received 38.0% and 63.5% of the permits in the respective drift and set gillnet fisheries.

By the end of 2011, the total number of permits had been reduced to 1,862 drift gillnet and 981 set gillnet permits due to permit cancellations. Cancellations most commonly occur on nontransferable permits, which are terminated when the permit holder dies or does not renew the permit for two successive years.[4] In the set gillnet fishery, 158 nontransferable

[2] www.bls.gov/cpi/.
[3] See Alaska Statute 16.43.30 20 and CFEC regulation 20 AAC 05.300. The Bristol Bay fisheries were among eight salmon fisheries designated as distressed under the regulations.
[4] CFEC issues transferable and nontransferable permits. The Limited Entry Act requires CFEC to initially allocate permits using hardship ranking systems, often called "point systems". The ranking serves as a surrogate measure for the relative

permits were issued; at the end of 2011, only 62 remained (Tables 4 and 5.). CFEC did not issue nontransferable permits in the drift gillnet fishery, although some cancellations have occurred there - mainly because some individuals failed to renew their permits.[5]

Table 2. Initial Issuance and Year-End 2011 Totals of Bristol Bay Salmon Drift Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations

				TRANSFERS		MIGRATIONS		CANCELLED		2011 YEAR-END	
Fishery	Residency	Total Initially Issued	Percent Issued	Change	Percent Change From Initial	Change	Percent Change From Initial	Change	Percent Change From Initial	2011 Year-End Total	Percentage of Year-End Total
Drift	Alaska Locals	713	38.0%	-270	-37.9%	-70	-9.8%	-5	-0.7%	368	19.8%
Gillnet	Alaska Nonlocals	416	22.2%	112	26.9%	-49	-11.8%	-2	-0.5%	477	25.6%
	Nonresidents	746	39.8%	158	21.2%	119	16.0%	-6	-0.8%	1,017	54.6%
	DCED/CFAB	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Total	*1,875*	*100.0%*	*0*		*0*		*-13*		*1,862*	*100.0%*

Table 3. Initial Issuance and Year-End 2011 Totals of Bristol Bay Salmon Set Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations

				TRANSFERS		MIGRATIONS		CANCELLED		2011 YEAR-END	
Fishery	Residency	Total Initially Issued	Percent Issued	Change	Percent Change From Initial	Change	Percent Change From Initial	Change	Percent Change From Initial	2011 Year-End Total	Percentage of Year-End Total
Set	Alaska Locals	661	63.5%	-158	-23.9%	-126	-19.1%	-28	-3.8%	349	35.6%
Gillnet	Alaska Nonlocals	225	21.6%	61	27.1%	47	20.9%	-24	-11.6%	309	31.5%
	Nonresidents	155	14.9%	97	62.6%	79	46.5%	-8	-5.8%	323	32.9%
	DCED/CFAB	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Total	*1,041*	*100.0%*	*0*		*0*		*-60*		*981*	*100.0%*

hardship an individual would suffer if they were denied a permit. The Act also requires CFEC to determine levels within the point systems where persons would experience only minor economic hardship if excluded from the fishery. Persons who receive permanent permits but who are ranked at or below the minor hardship level are issued nontransferable permits. No nontransferable permits were issued in the Bristol Bay salmon drift gillnet fishery.

[5] Permit cancellation normally occurs after the permit holder has failed to renew the permit for two consecutive years.

Table 4. Set Gillnet Transferable and Nontransferable Permits Initially Issued in 1975

	Alaska Local	Alaska Nonlocal	Nonresident	All Permits
Transferable Permits	557	189	137	883
Nontransferable Permits	104	36	18	158
Total All Permits	***661***	***225***	***155***	***1,041***

Table 5. Set Gillnet Year-End 2011 Transferable and Nontransferable Permit Totals

	Alaska Local	Alaska Nonlocal	Nonresident	All Permits
Transferable Permits	314	296	309	919
Nontransferable Permits	35	13	14	62
Total All Permits	***349***	***309***	***323***	***981***

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. Tables 2 and 3 indicate the extent to which these factors have contributed to changes in permit holdings in the Bristol Bay salmon fisheries. In each fishery, the net effect of transfers has been the most significant cause of residency change. Migration of permit holders has also resulted in significant changes, especially in the gain of permits held by Nonresidents.

In each fishery, the number and percentage of permits held by Alaska Locals has declined. Drift gillnet permits held by local residents dropped from 38.0% of the total at initial issuance to 19.8% by year-end 2011 (Table 2). In the set gillnet fishery, the percentage of permits held by Alaska Locals was reduced from 63.5% at initial issuance to 35.6% in 2011 (Table 3). The drop in permits held by locals is reflected by a net gain of permits held by both Alaska Nonlocals and Nonresidents, with Nonresidents showing the largest percentage gain in both the drift and set gillnet fisheries.

Figure 1. Bristol Bay Salmon Drift Gillnet Permit Holdings, 1975-2011

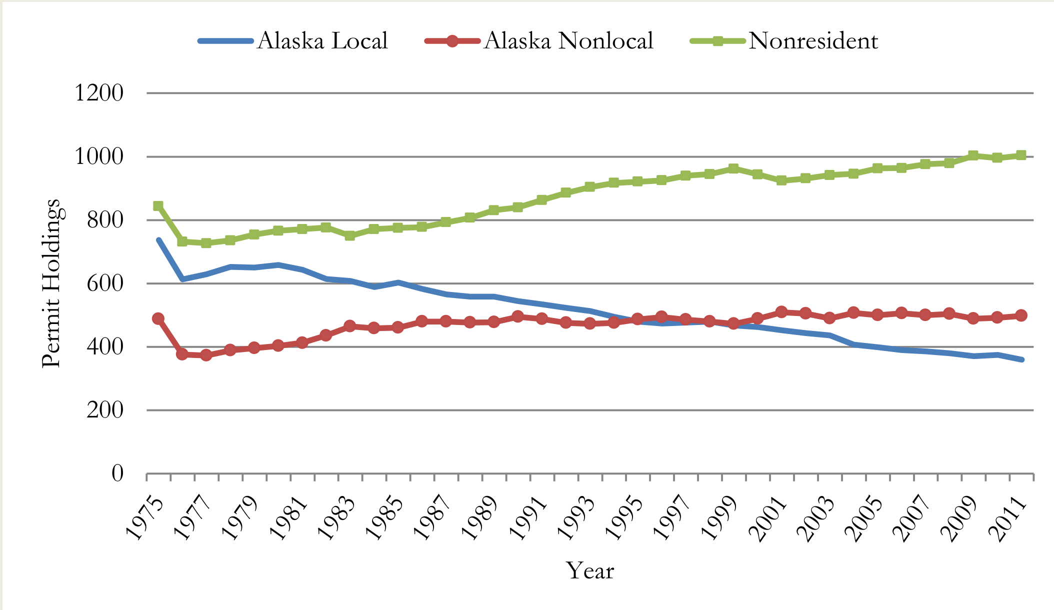
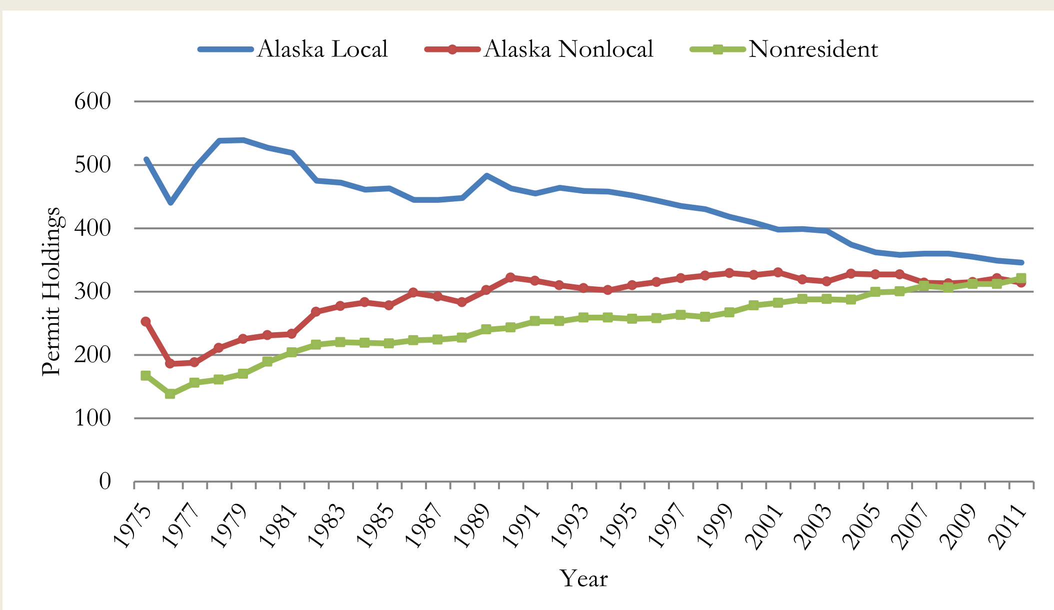


Figure 2. Bristol Bay Salmon Set Gillnet Permit Holdings, 1975-2011



Permits Fished, Harvests, and Estimated Gross Earnings

Tables 6 and 7 show the number of permits used to record landings in the set and drift gillnet fisheries, along with total harvests and estimated gross earnings by residency of the year-end permit holder. Earnings are shown in both nominal and real (inflation-adjusted) dollars. Adjusting earnings for inflation provides a way to standardize and easily compare earnings between years. The annual number of permits renewed and permits fished is also shown. The tables contain figures for 1975 through 2011.

Figures for renewed permits include renewals of interim-entry permits, as well as permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudications. As of 2011, there are no interim-entry permits in either fishery. The last interim-entry permit to be issued in the drift gillnet fishery was 2007. The last interim-entry permit in the set gillnet fishery was issued in 2004.

Each year, the number of permits renewed is greater than the number used to record landings. CFEC regulations require persons to renew their limited entry permits annually, irrespective of whether the person actually fishes.

The figures contained in the 'permits fished' column (Tables 6 through 9) should be viewed with caution. Many permits are renewed and actively used in the fishery, but are not used to record landings. These permits would not be counted in the 'permits fished' column. This situation is common in the set gillnet fishery for two separate reasons. The first is when groups of individual permit holders (friends or family) fish together, they may record their landings on only one, or some, of the group's permits. Although this practice is unlawful, it still occurs.[6] The second reason for possible undercounting deals with 'stacked permit operations' (a single permit holder who holds two set gillnet permits). Stacked permit operations have been in effect for the 2010-2012 fishing seasons and allow an individual with two set gillnet permits to fish two full complements of gear.[7] A 'stacked permit operation' might record landings on only one permit. This practice is lawful, but makes an accurate accounting of 'permits fished' difficult. As a separate issue, in the drift gillnet fishery, the Board of Fisheries passed regulations that authorized two permit holders to fish concurrently on one vessel and to increase the vessel's total allowable amount of gillnet from 150 to 200 fathoms.[8] These 'dual permit operations' began fishing in the 2004 season. When these dual permit operations make landings, it is often the case that the harvest is only recorded on one permit. As a result of the undercounting of 'permits fished', average earnings calculations may overestimate the returns to a residency group if the group contains many dual or stacked permit operations that only record harvests on one permit instead of two. This should be taken into account when making inter-residency comparisons of average earnings. In addition to these common situations, there are probably other occurrences where permits were used in the fishery, but do not show up on fish tickets.

[6] See AS 16.05.680 (b) and AS 16.05.690 (b).
[7] See 5 ACC 06.331 (u).
[8] See 5 ACC 06.333 and CFEC Report No. 09-6N, *Bristol Bay Salmon Drift Gillnet Two-Permit Operations: Preliminary Estimates from 2009 District Registration Data.*

Therefore, for the purposes of brevity and to use terminology common in other CFEC reports, the tables in this section use the term 'permits fished' to reference the number of permits used to record landings. However, the actual number of permits used on the fishing grounds is almost certainly greater than is shown in the tables.

The rates of permits fished in the drift gillnet fishery were high among all three resident types until 2001, which corresponds with a sharp decline in the average price of salmon.[9] The lowest participation rates occurred in the following year (2002) when only 1,184 total permits (63.0%) recorded landings. Since then, the rate of permits fished has steadily increased to 81.9% in 2011. The 2011 permit participation levels are still nowhere near the peak of participation in 1995, when 99.7% of all permits were fished. While the new dual permit operation regulations adopted in 2003 no doubt skew the figures, relatively low salmon prices likely contributed to the decline in permits fished.

The rates of permits fished are somewhat lower in the set gillnet fishery than in the drift gillnet fishery. However, the set gillnet fishery also exhibits a decline in the rate of fished permits that roughly follows the patterns observed in the drift gillnet fishery, with a sharp drop in 2001, followed by below-average participation in subsequent years. In both fisheries, Alaska Nonlocals show a slightly lower rate of permits fished than the other two resident types.

Figures 4 and 5 display the inter-residency distribution of the total pounds of salmon landed in the drift and set gillnet fisheries, respectively. Within the drift gillnet fishery, Nonresident-held permits have landed over 50% of the total pounds of salmon since 1989. In recent years (2004-2011), Alaska Locals landed less than 20% of the total poundage of salmon. Conversely, in the set gillnet fishery, permits held by Alaska Locals recorded the largest percentage of total poundage of salmon landed until 1997, when their percentage dropped from 43.3% to 32.2%. From 1997 on, the gap between residency groups became less pronounced, with each group landing roughly one-third of the total pounds of set gillnet caught salmon.

Real (inflation-adjusted) average earnings in both Bristol Bay salmon fisheries exhibit a large variance from year to year, as illustrated in Tables 8 and 9 and in Figures 6 and 8. Average earnings are calculated by permits fished, not by individual. Figures 7 and 9 display the estimated gross total earnings (inflation-adjusted) by residency. Real average and gross total earnings were adjusted using Consumer Price Index data, with July 2011 as the base.[10] Nonresidents typically display the highest average earnings and Alaska Locals the lowest average earnings in both fisheries. This earnings gap between Nonresidents and Alaska Locals is apparent in both fisheries, but the divergence is most pronounced in the drift gillnet fishery.

The earnings gap between Local and Nonresidents is much smaller in the set gillnet fishery (Tables 7 and 9). Here, average earnings appear to be much more evenly distributed across

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[9] Per CFEC annual price estimates. The estimated nominal average drift gillnet price for Bristol Bay sockeye salmon dropped to $.42 per pound in 2001. From 2002 through 2004, the price was roughly $.50 per pound. See Tables 8 and 9.
[10] www.bls.gov/cpi/.

all three resident types. When gross earnings are aggregated in the set gillnet fishery, Alaska Locals display slightly higher real total earnings in every year except 1997, 2004-2005, and 2009-2010. Conversely, Alaska Locals regularly show the highest numbers of permits fished, which explains the group's low real average earnings, despite the largest gross total earnings (inflation-adjusted).

Tables 8 and 9 display the nominal and real (inflation adjusted) average prices for Bristol Bay drift and set gillnet caught sockeye salmon. The average price of sockeye salmon has seen dramatic shifts from year-to-year. These changes are particularly apparent when examining the inflation-adjusted prices, from a high of $4.01 in 1988, to a low of $0.54 in 2001 (both in 2011 dollars). The average real price for the years 1975-2011 is $1.53. Figure 3 graphically represents the relationship between Bristol Bay drift gillnet sockeye salmon prices (inflation-adjusted) and harvests. A pattern emerges: years when harvest is relatively small correspond with above-average prices. Conversely, years where the harvest is abundant correspond with below-average sockeye prices.

Figure 3. Bristol Bay Drift Gillnet Real Sockeye Salmon Prices and Drift Gillnet Salmon Harvests

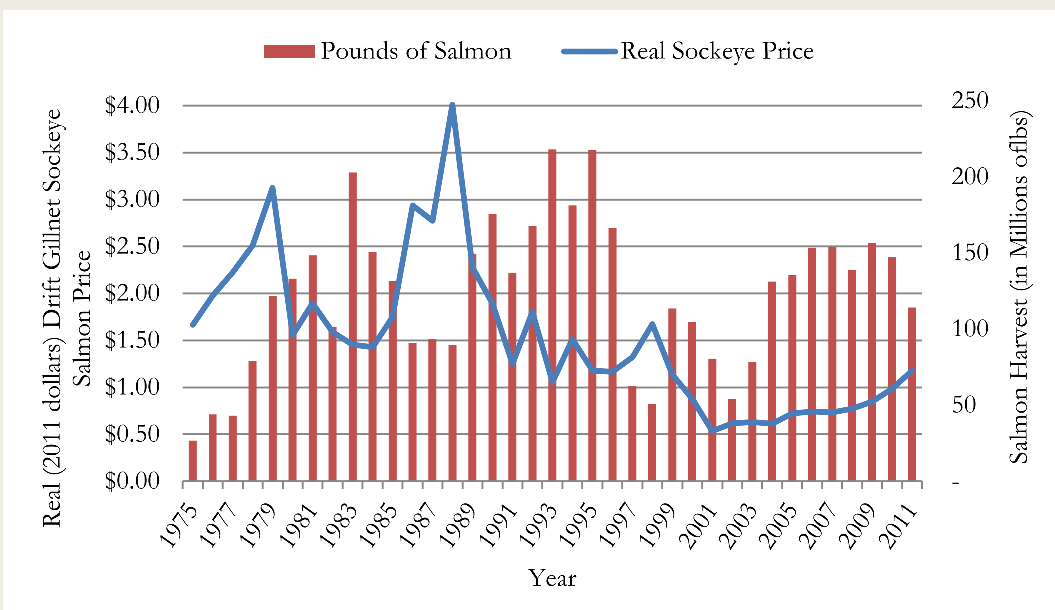

Figure 4. Bristol Bay Salmon Drift Gillnet Percentage of Salmon Landed per Permit, by Resident Type

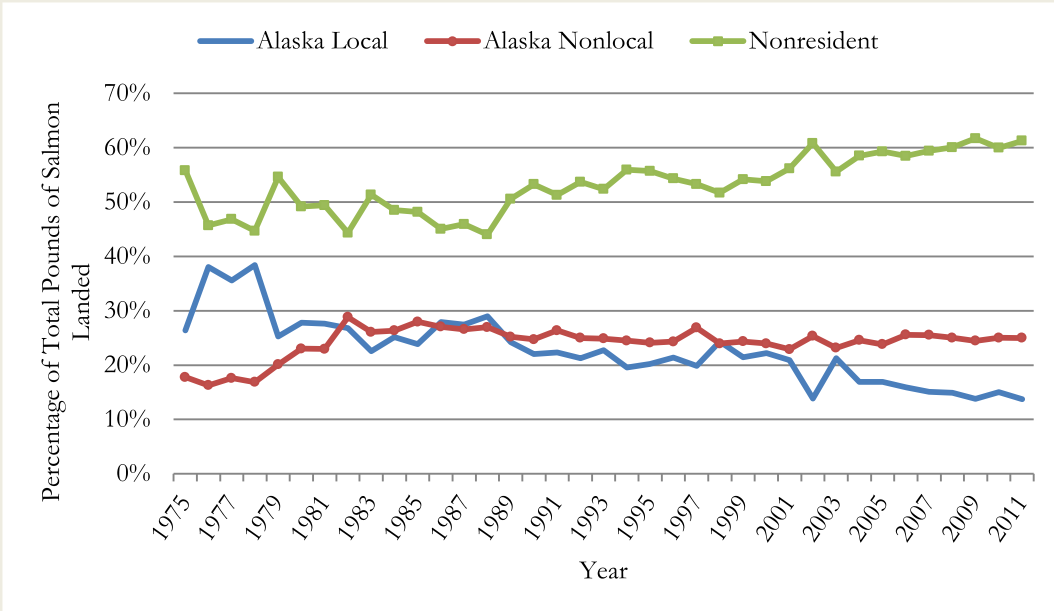

Figure 5. Bristol Bay Salmon Set Gillnet Percentage of Salmon Landed per Permit, by Resident Type

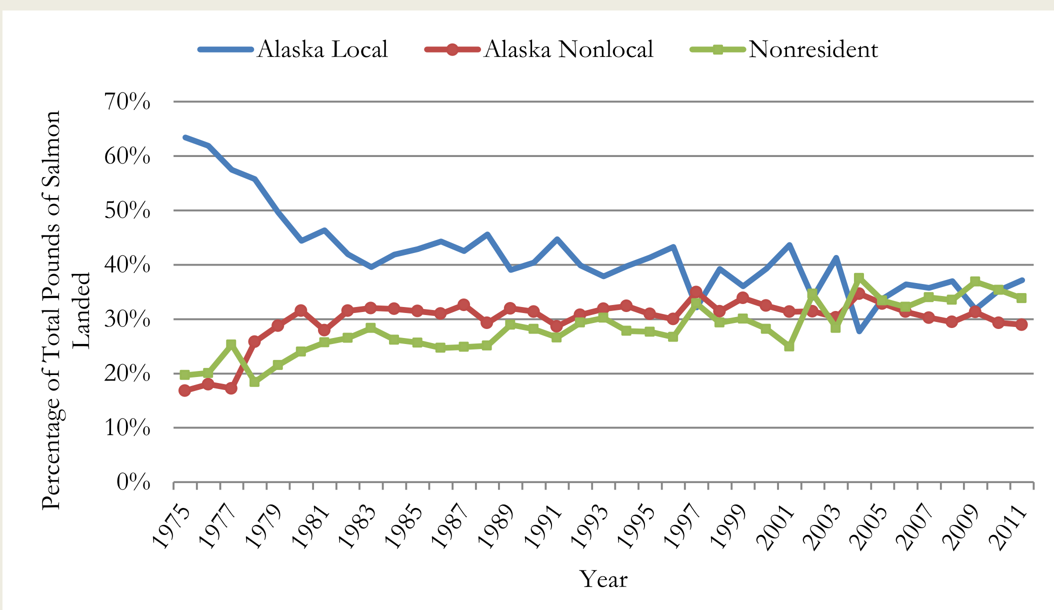

Table 6. Bristol Bay Drift Gillnet Permits, Harvests, and Gross Total Earnings (Real and Nominal) per Permit, by Resident Type

	Alaska Local					Alaska Nonlocal					Nonresident					All Permits				
Year	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings
1975	737	446	7,087,842	$2,710,503	$11,298,198	488	228	4,776,143	$1,882,401	$7,846,418	844	575	14,990,270	$5,936,634	$24,745,688	2,069	1,249	26,854,255	$10,529,539	$43,890,303
1976	613	480	16,738,556	$7,237,917	$28,637,559	376	244	7,157,837	$3,206,153	$12,685,473	732	631	20,112,479	$9,414,856	$37,250,843	1,721	1,355	44,008,872	$19,858,926	$78,573,875
1977	629	500	15,359,503	$8,213,395	$30,419,451	373	249	7,599,109	$4,149,044	$15,366,564	727	610	20,229,234	$11,695,950	$43,317,580	1,729	1,359	43,187,846	$24,058,389	$89,103,595
1978	652	576	30,318,659	$17,597,001	$60,510,650	389	310	13,307,962	$8,361,022	$28,750,971	736	689	35,265,320	$23,225,019	$79,863,665	1,777	1,575	78,891,941	$49,183,042	$169,125,286
1979	650	605	30,747,516	$29,063,845	$89,824,379	396	369	24,484,698	$24,070,479	$74,391,940	754	740	66,478,684	$67,062,264	$207,261,844	1,800	1,714	121,710,898	$120,196,589	$371,478,163
1980	658	620	36,996,654	$19,449,558	$53,132,806	403	384	30,662,140	$16,770,453	$45,813,958	766	760	65,459,947	$36,363,977	$99,340,052	1,827	1,764	133,118,741	$72,583,988	$198,286,817
1981	643	614	41,024,056	$30,659,120	$75,617,574	413	407	34,127,443	$25,901,353	$63,883,029	771	764	73,388,952	$55,926,586	$137,937,185	1,827	1,785	148,540,451	$112,487,059	$277,437,787
1982	614	589	27,248,331	$18,339,050	$42,494,306	436	430	29,275,753	$19,957,166	$46,243,721	776	773	45,048,275	$30,778,782	$71,319,016	1,826	1,792	101,572,359	$69,074,998	$160,057,042
1983	608	589	45,826,438	$28,087,961	$63,520,404	465	458	52,943,511	$33,331,405	$75,378,356	750	750	104,292,001	$66,188,946	$149,685,076	1,823	1,797	203,061,950	$127,608,313	$288,583,836
1984	589	577	37,881,381	$21,801,313	$47,314,084	459	456	39,715,041	$24,761,023	$53,737,365	771	771	73,153,294	$46,195,034	$100,254,317	1,819	1,804	150,749,716	$92,757,369	$201,305,766
1985	603	590	31,383,506	$24,435,917	$51,211,607	461	455	36,773,656	$30,125,578	$63,135,723	775	770	63,366,552	$52,135,100	$109,262,208	1,839	1,815	131,523,714	$106,696,595	$223,609,537
1986	583	570	25,342,690	$30,720,591	$63,383,173	480	477	24,568,874	$32,838,892	$67,753,682	778	776	40,932,028	$55,369,003	$114,238,136	1,841	1,823	90,843,592	$118,928,486	$245,374,990
1987	566	560	25,678,521	$30,803,419	$61,152,636	480	474	24,849,973	$32,551,585	$64,623,191	793	790	42,939,116	$57,014,592	$113,188,494	1,839	1,824	93,467,610	$120,369,596	$238,964,321
1988	558	556	25,921,102	$43,487,084	$82,908,768	477	475	24,098,113	$46,114,156	$87,917,320	807	806	39,344,663	$77,841,931	$148,406,791	1,842	1,837	89,363,878	$167,443,171	$319,232,879
1989	558	554	36,226,904	$41,129,849	$74,695,641	478	470	37,654,785	$45,526,309	$82,680,023	831	831	75,581,816	$92,810,132	$168,551,854	1,867	1,855	149,463,505	$179,466,290	$325,927,518
1990	544	540	38,720,547	$39,663,520	$68,718,265	495	489	43,469,698	$45,907,303	$79,535,810	840	840	93,626,093	$100,514,942	$174,145,221	1,879	1,869	175,816,338	$186,085,765	$322,399,296
1991	534	528	30,563,264	$21,377,422	$35,459,838	488	484	36,084,455	$26,253,784	$43,548,513	863	861	70,130,506	$51,599,202	$85,590,272	1,885	1,873	136,778,225	$99,230,409	$164,598,622
1992	523	521	35,755,365	$36,771,168	$59,127,515	476	472	41,971,410	$45,739,953	$73,549,193	886	886	90,184,577	$99,705,891	$160,325,654	1,885	1,879	167,911,352	$182,217,012	$293,002,362
1993	513	508	49,659,833	$32,367,665	$50,641,050	473	466	54,237,733	$36,195,839	$56,630,446	904	901	114,243,720	$76,812,393	$120,177,351	1,890	1,875	218,141,286	$145,375,898	$227,448,848
1994	495	489	35,490,676	$32,543,533	$49,543,801	476	464	44,382,582	$42,836,059	$65,212,993	917	912	101,367,699	$99,190,307	$151,005,879	1,888	1,865	181,240,957	$174,569,899	$265,762,673
1995	480	476	43,998,076	$33,173,422	$49,144,957	487	485	52,543,370	$41,066,280	$60,837,876	921	921	121,460,273	$95,789,696	$141,908,195	1,888	1,882	218,001,719	$170,029,398	$251,891,028
1996	474	470	35,600,145	$26,608,172	$38,288,989	494	489	40,515,206	$31,897,509	$45,900,312	925	925	90,506,224	$72,106,514	$103,760,814	1,893	1,884	166,621,575	$130,612,195	$187,950,116
1997	477	466	12,415,004	$10,765,723	$15,153,980	486	472	16,825,775	$15,242,647	$21,455,758	940	937	33,346,139	$30,682,697	$43,189,384	1,903	1,875	62,586,918	$56,691,067	$79,799,123
1998	480	465	12,408,765	$12,855,614	$17,796,361	480	462	12,210,300	$13,775,647	$19,069,986	945	931	26,348,440	$30,571,684	$42,321,177	1,905	1,858	50,967,505	$57,202,946	$79,187,524
1999	468	452	24,372,069	$19,587,844	$26,546,640	473	454	27,652,090	$22,703,901	$30,769,710	962	941	61,529,418	$50,604,203	$68,581,900	1,903	1,847	113,553,577	$92,895,948	$125,898,250
2000	463	441	23,265,390	$14,754,312	$19,290,068	489	463	25,075,047	$16,435,155	$21,487,634	944	919	56,314,951	$37,222,871	$48,665,888	1,896	1,823	104,655,388	$68,412,338	$89,443,590
2001	452	402	16,868,821	$6,416,342	$8,166,720	509	395	18,474,480	$7,414,717	$9,437,452	924	769	45,291,475	$18,583,756	$23,653,405	1,885	1,566	80,634,776	$32,414,815	$41,257,577
2002	443	304	7,494,820	$3,264,792	$4,095,438	505	277	13,726,768	$6,461,107	$8,104,976	931	603	32,942,830	$15,706,518	$19,702,654	1,879	1,184	54,164,418	$25,432,417	$31,903,068
2003	436	361	16,686,183	$7,874,377	$9,673,708	490	339	18,173,104	$8,792,601	$10,801,751	942	724	43,602,213	$21,332,440	$26,207,001	1,868	1,424	78,461,500	$37,999,418	$46,682,460
2004	407	334	22,201,868	$10,622,291	$12,670,587	507	352	32,263,198	$16,174,742	$19,293,718	946	725	76,754,452	$38,872,607	$46,368,412	1,860	1,411	131,219,518	$65,669,641	$78,332,717
2005	399	335	22,892,953	$13,036,976	$15,073,386	500	363	32,300,258	$19,156,426	$22,148,710	963	749	80,380,951	$48,365,923	$55,920,809	1,862	1,447	135,574,162	$80,559,324	$93,142,905
2006	390	330	24,463,375	$14,594,714	$16,202,786	506	378	39,291,773	$24,640,557	$27,355,498	964	767	89,761,545	$56,828,764	$63,090,260	1,860	1,475	153,516,693	$96,064,034	$106,648,544
2007	386	320	23,197,846	$14,249,352	$15,454,909	500	377	39,266,098	$24,989,267	$27,103,467	976	771	91,421,277	$58,876,041	$63,857,210	1,862	1,468	153,885,221	$98,114,659	$106,415,586
2008	380	328	20,740,866	$13,955,890	$14,333,903	504	379	34,817,426	$25,132,446	$25,813,189	979	762	83,557,652	$61,051,364	$62,705,016	1,863	1,469	139,115,944	$100,139,700	$102,852,109
2009	371	298	21,617,546	$16,221,572	$17,017,845	489	362	38,299,420	$29,837,902	$31,302,564	1,003	784	96,610,177	$75,946,327	$79,674,327	1,863	1,444	156,527,143	$122,005,800	$127,994,736
2010	375	308	22,082,271	$19,484,738	$20,191,784	492	387	36,830,835	$33,611,631	$34,831,302	996	799	88,308,416	$81,040,386	$83,981,112	1,863	1,494	147,221,522	$134,136,756	$139,004,198
2011	360	319	15,709,049	$17,706,596	$17,706,596	498	402	28,556,249	$32,862,133	$32,862,133	1,004	803	70,019,738	$80,975,985	$80,975,985	1,862	1,524	114,285,036	$131,544,714	$131,544,714

*Real total earnings are adjusted using July 2011 Consumer Price Index.

Table 7. Bristol Bay Set Gillnet Permits, Harvests, and Gross Total Earnings (Real and Nominal) per Permit, by Resident Type

	Alaska Local					Alaska Nonlocal					Nonresident					All Permits				
Year	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings	Pmts Renwd	Pmts Fshd	Total Pounds	Nominal Total Earnings	Real Total Earnings
1975	509	285	1,669,475	$657,909	$2,742,364	252	77	442,789	$175,547	$731,734	167	64	518,486	$205,928	$858,369	928	426	2,630,750	$1,039,384	$4,332,467
1976	440	312	2,669,075	$1,238,775	$4,901,341	186	92	776,798	$365,599	$1,446,528	138	98	865,906	$412,399	$1,631,699	764	502	4,311,779	$2,016,773	$7,979,568
1977	496	317	2,636,215	$1,527,861	$5,658,645	188	78	791,592	$458,260	$1,697,231	156	103	1,159,890	$684,200	$2,534,030	840	498	4,587,697	$2,670,321	$9,889,906
1978	538	400	5,462,006	$3,504,706	$12,051,601	211	134	2,528,533	$1,593,518	$5,479,616	161	122	1,803,966	$1,181,153	$4,061,622	910	656	9,794,505	$6,279,377	$21,592,839
1979	539	444	8,534,407	$8,275,274	$25,575,465	225	183	4,949,654	$4,892,761	$15,121,510	170	143	3,700,346	$3,666,374	$11,331,252	934	770	17,184,407	$16,834,409	$52,028,227
1980	527	441	9,295,711	$5,091,354	$13,908,693	231	195	6,601,671	$3,641,970	$9,949,227	189	171	5,023,897	$2,780,046	$7,594,600	947	807	20,921,279	$11,513,369	$31,452,520
1981	519	447	12,423,301	$9,446,943	$23,299,915	233	207	7,482,249	$5,703,665	$14,067,505	204	187	6,881,103	$5,248,699	$12,945,377	956	841	26,786,653	$20,399,307	$50,312,797
1982	475	422	6,607,344	$4,318,930	$10,007,603	268	238	4,966,078	$3,273,056	$7,584,157	216	199	4,177,843	$2,717,040	$6,295,785	959	859	15,751,265	$10,309,026	$23,887,545
1983	472	416	9,500,656	$5,965,003	$13,489,744	277	240	7,682,998	$4,875,848	$11,026,640	220	209	6,800,003	$4,299,823	$9,723,970	969	865	23,983,657	$15,140,674	$34,240,354
1984	461	415	7,962,820	$4,707,737	$10,216,920	283	244	6,058,010	$3,556,080	$7,717,548	219	210	4,979,872	$2,868,005	$6,224,260	963	869	19,000,702	$11,131,822	$24,158,728
1985	463	421	6,545,420	$5,236,766	$10,974,960	278	247	4,807,375	$3,891,896	$8,156,447	218	204	3,920,147	$3,195,251	$6,696,452	959	872	15,272,942	$12,323,913	$25,827,859
1986	445	409	7,315,745	$9,563,922	$19,732,425	298	255	5,118,342	$6,749,054	$13,924,746	223	205	4,080,238	$5,456,289	$11,257,495	966	869	16,514,325	$21,769,265	$44,914,666
1987	445	416	6,229,482	$7,816,520	$15,517,785	292	270	4,778,634	$6,278,576	$12,464,573	224	213	3,645,738	$4,885,580	$9,699,122	961	899	14,653,854	$18,980,677	$37,681,480
1988	448	429	6,823,440	$11,707,951	$22,321,382	283	270	4,384,890	$7,940,827	$15,139,303	227	222	3,760,088	$7,141,125	$13,614,660	958	921	14,968,418	$26,789,902	$51,075,345
1989	483	459	9,865,425	$11,606,693	$21,078,837	302	283	8,077,052	$9,758,695	$17,722,700	240	229	7,313,253	$8,890,126	$16,145,298	1,025	971	25,255,730	$30,255,514	$54,946,834
1990	463	441	10,811,313	$11,255,156	$19,499,903	322	297	8,394,583	$8,838,286	$15,312,602	243	233	7,534,438	$7,999,465	$13,859,318	1,028	971	26,740,334	$28,092,907	$48,671,824
1991	455	430	10,024,341	$7,196,757	$11,937,634	317	281	6,424,886	$4,718,547	$7,826,898	253	239	5,964,799	$4,394,164	$7,288,827	1,025	950	22,414,026	$16,309,468	$27,053,360
1992	464	440	10,062,291	$10,281,953	$16,533,234	310	286	7,766,880	$8,240,573	$13,250,724	253	242	7,402,699	$7,916,341	$12,729,364	1,027	968	25,231,870	$26,438,867	$42,513,321
1993	459	436	12,366,234	$8,190,004	$12,813,726	305	282	10,399,238	$6,956,219	$10,883,399	259	247	9,861,634	$6,602,037	$10,329,262	1,023	965	32,627,106	$21,748,260	$34,026,388
1994	458	425	9,831,826	$8,878,590	$13,516,637	302	272	8,012,238	$7,561,431	$11,511,412	259	242	6,875,245	$6,549,140	$9,970,316	1,019	939	24,719,309	$22,989,161	$34,998,364
1995	452	432	13,844,616	$10,588,204	$15,685,956	310	293	10,361,005	$8,076,177	$11,964,498	257	242	9,264,471	$7,278,803	$10,783,225	1,019	967	33,470,092	$25,943,184	$38,433,679
1996	444	420	11,908,840	$9,029,808	$12,993,837	315	284	8,257,438	$6,506,500	$9,362,812	258	237	7,345,649	$5,837,098	$8,399,547	1,017	941	27,511,927	$21,373,407	$30,756,196
1997	435	399	4,379,787	$3,840,981	$5,406,617	321	285	4,765,796	$4,356,614	$6,132,429	263	237	4,483,742	$4,114,764	$5,791,998	1,019	921	13,629,325	$12,312,359	$17,331,045
1998	430	386	4,886,281	$5,300,553	$7,337,694	325	277	3,916,662	$4,513,472	$6,248,117	260	238	3,659,402	$4,298,694	$5,950,794	1,015	901	12,462,345	$14,112,720	$19,536,605
1999	418	384	9,512,157	$7,639,316	$10,353,267	329	294	8,943,636	$7,330,884	$9,935,261	267	247	7,943,774	$6,550,911	$8,878,194	1,014	925	26,399,567	$21,521,112	$29,166,722
2000	409	372	9,685,086	$6,189,573	$8,092,365	326	293	8,003,823	$5,217,123	$6,820,966	278	256	6,951,673	$4,573,444	$5,979,408	1,013	921	24,640,582	$15,980,140	$20,892,739
2001	398	334	9,085,134	$3,663,618	$4,663,053	330	261	6,524,233	$2,678,248	$3,408,873	282	239	5,192,887	$2,149,237	$2,735,549	1,010	834	20,802,254	$8,491,102	$10,807,475
2002	399	280	4,717,159	$2,183,929	$2,739,575	319	190	4,374,023	$2,095,890	$2,629,138	288	210	4,818,461	$2,316,780	$2,906,228	1,006	680	13,909,643	$6,596,599	$8,274,941
2003	396	296	8,748,857	$4,278,946	$5,256,705	316	233	6,413,812	$3,171,343	$3,896,010	288	231	6,012,601	$2,965,782	$3,643,477	1,000	760	21,175,270	$10,416,072	$12,796,192
2004	374	293	6,659,719	$3,152,531	$3,760,434	328	248	8,319,225	$4,081,568	$4,868,617	287	254	9,016,743	$4,429,423	$5,283,548	989	795	23,995,687	$11,663,522	$13,912,599
2005	362	304	10,131,614	$5,711,848	$6,604,053	327	261	9,868,104	$5,777,230	$6,679,649	299	264	10,032,541	$5,909,623	$6,832,721	988	829	30,032,259	$17,398,701	$20,116,424
2006	358	307	9,966,985	$5,591,376	$6,207,444	327	265	8,589,339	$5,092,623	$5,653,737	300	272	8,832,611	$5,287,229	$5,869,786	985	844	27,388,935	$15,971,228	$17,730,967
2007	360	304	11,411,825	$6,989,215	$7,580,533	314	261	9,664,977	$6,070,694	$6,584,301	309	270	10,853,805	$6,839,855	$7,418,536	983	835	31,930,607	$19,899,763	$21,583,370
2008	360	309	11,141,968	$7,551,682	$7,756,228	313	263	8,881,250	$6,250,253	$6,419,549	306	278	10,104,392	$7,153,760	$7,347,528	979	850	30,127,610	$20,955,694	$21,523,306
2009	355	298	11,332,631	$8,230,117	$8,634,111	315	268	11,141,766	$8,235,057	$8,639,294	312	277	13,139,334	$9,746,724	$10,225,165	982	843	35,613,731	$26,211,898	$27,498,570
2010	349	309	12,001,523	$10,832,373	$11,225,449	321	267	9,972,609	$9,079,697	$9,409,173	312	285	12,030,701	$11,110,009	$11,513,160	982	861	34,004,833	$31,022,079	$32,147,783
2011	346	313	9,529,914	$10,060,235	$10,060,235	314	266	7,425,995	$7,963,914	$7,963,914	321	299	8,669,516	$9,341,354	$9,341,354	981	878	25,625,425	$27,365,503	$27,365,503

*Real total earnings are adjusted using July 2011 Consumer Price Index.

Table 8. Bristol Bay Salmon Drift Gillnet Estimated Average Earnings and Sockeye Salmon Prices (Real and Nominal) per Permit by Resident Type

Year	Alaska Local			Alaska Nonlocal			Nonresident			All Permits			Sockeye Prices	
	Permits Fished	Average Nominal Earnings	Average Real Earnings	Permits Fished	Average Nominal Earnings	Average Real Earnings	Permits Fished	Average Nominal Earnings	Average Real Earnings	Permits Fished	Average Nominal Earnings	Average Real Earnings	Nominal Sockeye Price	Real Sockeye Price
1975	446	$6,077	$25,332	228	$8,256	$34,414	575	$10,325	$43,036	1,249	$8,430	$35,140	$0.40	$1.67
1976	480	$15,079	$59,662	244	$13,140	$51,990	631	$14,921	$59,035	1,355	$14,656	$57,988	$0.50	$1.98
1977	500	$16,427	$60,839	249	$16,663	$61,713	610	$19,174	$71,012	1,359	$17,703	$65,566	$0.60	$2.22
1978	576	$30,550	$105,053	310	$26,971	$92,745	689	$33,708	$115,912	1,575	$31,227	$107,381	$0.73	$2.51
1979	605	$48,039	$148,470	369	$65,232	$201,604	740	$90,625	$280,084	1,714	$70,126	$216,732	$1.01	$3.12
1980	620	$31,370	$85,698	384	$43,673	$119,307	760	$47,847	$130,711	1,764	$41,147	$112,407	$0.57	$1.56
1981	614	$49,933	$123,156	407	$63,640	$156,961	764	$73,202	$180,546	1,785	$63,018	$155,427	$0.77	$1.89
1982	589	$31,136	$72,147	430	$46,412	$107,544	773	$39,817	$92,263	1,792	$38,546	$89,318	$0.69	$1.59
1983	589	$47,688	$107,844	458	$72,776	$164,582	750	$88,252	$199,580	1,797	$71,012	$160,592	$0.64	$1.45
1984	577	$37,784	$82,000	456	$54,300	$117,845	771	$59,916	$130,032	1,804	$51,418	$111,589	$0.66	$1.43
1985	590	$41,417	$86,799	455	$66,210	$138,760	770	$67,708	$141,899	1,815	$58,786	$123,201	$0.83	$1.75
1986	570	$53,896	$111,199	477	$68,845	$142,041	776	$71,352	$147,214	1,823	$65,238	$134,600	$1.42	$2.94
1987	560	$55,006	$109,201	474	$68,674	$136,336	790	$72,170	$143,277	1,824	$65,992	$131,011	$1.40	$2.77
1988	556	$78,214	$149,116	475	$97,082	$185,089	806	$96,578	$184,128	1,837	$91,150	$173,779	$2.10	$4.01
1989	554	$74,242	$134,830	470	$96,864	$175,915	831	$111,685	$202,830	1,855	$96,747	$175,702	$1.25	$2.28
1990	540	$73,451	$127,256	489	$93,880	$162,650	840	$119,661	$207,316	1,869	$99,564	$172,498	$1.09	$1.90
1991	528	$40,488	$67,159	484	$54,243	$89,976	861	$59,929	$99,408	1,873	$52,979	$87,880	$0.75	$1.25
1992	521	$70,578	$113,489	472	$96,907	$155,825	886	$112,535	$180,954	1,879	$96,976	$155,935	$1.12	$1.80
1993	508	$63,716	$99,687	466	$77,673	$121,525	901	$85,252	$133,382	1,875	$77,534	$121,306	$0.68	$1.06
1994	489	$66,551	$101,317	464	$92,319	$140,545	912	$108,761	$165,577	1,865	$93,603	$142,500	$0.99	$1.51
1995	476	$69,692	$103,246	485	$84,673	$125,439	921	$104,006	$154,081	1,882	$90,345	$133,842	$0.80	$1.18
1996	470	$56,613	$81,466	489	$65,230	$93,866	925	$77,953	$112,174	1,884	$69,327	$99,761	$0.81	$1.17
1997	466	$23,102	$32,519	472	$32,294	$45,457	937	$32,746	$46,093	1,875	$30,235	$42,560	$0.94	$1.32
1998	465	$27,646	$38,272	462	$29,817	$41,277	931	$32,837	$45,458	1,858	$30,787	$42,620	$1.21	$1.67
1999	452	$43,336	$58,732	454	$50,009	$67,775	941	$53,777	$72,882	1,847	$50,296	$68,164	$0.84	$1.14
2000	441	$33,456	$43,742	463	$35,497	$46,410	919	$40,504	$52,955	1,823	$37,527	$49,064	$0.67	$0.87
2001	402	$15,961	$20,315	395	$18,771	$23,892	769	$24,166	$30,759	1,566	$20,699	$26,346	$0.42	$0.54
2002	304	$10,739	$13,472	277	$23,325	$29,260	603	$26,047	$32,674	1,184	$21,480	$26,945	$0.49	$0.62
2003	361	$21,813	$26,797	339	$25,937	$31,864	724	$29,465	$36,198	1,424	$26,685	$32,783	$0.51	$0.63
2004	334	$31,803	$37,936	352	$45,951	$54,812	725	$53,617	$63,956	1,411	$46,541	$55,516	$0.52	$0.62
2005	335	$38,916	$44,995	363	$52,773	$61,016	749	$64,574	$74,661	1,447	$55,673	$64,370	$0.63	$0.72
2006	330	$44,226	$49,099	378	$65,187	$72,369	767	$74,092	$82,256	1,475	$65,128	$72,304	$0.67	$0.74
2007	320	$44,529	$48,297	377	$66,285	$71,892	771	$76,363	$82,824	1,468	$66,836	$72,490	$0.67	$0.73
2008	328	$42,548	$43,701	379	$66,313	$68,109	762	$80,120	$82,290	1,469	$68,169	$70,015	$0.75	$0.77
2009	298	$54,435	$57,107	362	$82,425	$86,471	784	$96,870	$101,625	1,444	$84,492	$88,639	$0.81	$0.85
2010	308	$63,262	$65,558	387	$86,852	$90,003	799	$101,427	$105,108	1,494	$89,784	$93,042	$0.95	$0.98
2011	319	$55,507	$55,507	402	$81,747	$81,747	803	$100,842	$100,842	1,524	$86,315	$86,315	$1.18	$1.18

*Real average earnings are adjusted using July 2011 Consumer Price Index and calculated by permits fished.

Table 9. Bristol Bay Salmon Set Gillnet Estimated Average Earnings and Sockeye Prices (Real and Nominal) per Permit, by Resident Type

	Alaska Local			Alaska Nonlocal			Nonresident			All Permits			Sockeye Prices	
Year	Permits Fished	Average Nominal Earnings	Average Real Earnings	Permits Fished	Average Nominal Earnings	Average Real Earnings	Permits Fished	Average Nominal Earnings	Average Real Earnings	Permits Fished	Average Nominal Earnings	Average Real Earnings	Nominal Sockeye Price	Real Sockeye Price
1975	285	$2,308	$9,622	77	$2,280	$9,503	64	$3,218	$13,412	426	$2,440	$10,170	$0.40	$1.67
1976	312	$3,970	$15,709	92	$3,974	$15,723	98	$4,208	$16,650	502	$4,017	$15,896	$0.50	$1.98
1977	317	$4,820	$17,851	78	$5,875	$21,759	103	$6,643	$24,602	498	$5,362	$19,859	$0.60	$2.22
1978	400	$8,762	$30,129	134	$11,892	$40,893	122	$9,682	$33,292	656	$9,572	$32,916	$0.73	$2.51
1979	444	$18,638	$57,602	183	$26,736	$82,631	143	$25,639	$79,240	770	$21,863	$67,569	$0.99	$3.07
1980	441	$11,545	$31,539	195	$18,677	$51,022	171	$16,258	$44,413	807	$14,267	$38,975	$0.57	$1.56
1981	447	$21,134	$52,125	207	$27,554	$67,959	187	$28,068	$69,227	841	$24,256	$59,825	$0.77	$1.89
1982	422	$10,234	$23,715	238	$13,752	$31,866	199	$13,653	$31,637	859	$12,001	$27,809	$0.69	$1.59
1983	416	$14,339	$32,427	240	$20,316	$45,944	209	$20,573	$46,526	865	$17,504	$39,584	$0.64	$1.45
1984	415	$11,344	$24,619	244	$14,574	$31,629	210	$13,657	$29,639	869	$12,810	$27,801	$0.66	$1.43
1985	421	$12,439	$26,069	247	$15,757	$33,022	204	$15,663	$32,826	872	$14,133	$29,619	$0.83	$1.75
1986	409	$23,384	$48,246	255	$26,467	$54,607	205	$26,616	$54,915	869	$25,051	$51,685	$1.42	$2.94
1987	416	$18,790	$37,302	270	$23,254	$46,165	213	$22,937	$45,536	899	$21,113	$41,915	$1.40	$2.77
1988	429	$27,291	$52,031	270	$29,410	$56,071	222	$32,167	$61,327	921	$29,088	$55,456	$2.10	$4.01
1989	459	$25,287	$45,923	283	$34,483	$62,624	229	$38,822	$70,503	971	$31,159	$56,588	$1.25	$2.28
1990	441	$25,522	$44,217	297	$29,759	$51,558	233	$34,332	$59,482	971	$28,932	$50,125	$1.09	$1.90
1991	430	$16,737	$27,762	281	$16,792	$27,854	239	$18,386	$30,497	950	$17,168	$28,477	$0.75	$1.25
1992	440	$23,368	$37,576	286	$28,813	$46,331	242	$32,712	$52,601	968	$27,313	$43,919	$1.12	$1.80
1993	436	$18,784	$29,389	282	$24,667	$38,594	247	$26,729	$41,819	965	$22,537	$35,261	$0.68	$1.06
1994	425	$20,891	$31,804	272	$27,799	$42,321	242	$27,063	$41,200	939	$24,483	$37,272	$0.97	$1.48
1995	432	$24,510	$36,310	293	$27,564	$40,834	242	$30,078	$44,559	967	$26,829	$39,745	$0.80	$1.18
1996	420	$21,500	$30,938	284	$22,910	$32,968	237	$24,629	$35,441	941	$22,714	$32,685	$0.81	$1.17
1997	399	$9,627	$13,550	285	$15,286	$21,517	237	$17,362	$24,439	921	$13,368	$18,818	$0.94	$1.32
1998	386	$13,732	$19,010	277	$16,294	$22,556	238	$18,062	$25,003	901	$15,663	$21,683	$1.21	$1.67
1999	384	$19,894	$26,962	294	$24,935	$33,793	247	$26,522	$35,944	925	$23,266	$31,532	$0.84	$1.14
2000	372	$16,639	$21,754	293	$17,806	$23,280	256	$17,865	$23,357	921	$17,351	$22,685	$0.67	$0.87
2001	334	$10,969	$13,961	261	$10,261	$13,061	239	$8,993	$11,446	834	$10,181	$12,959	$0.42	$0.54
2002	280	$7,800	$9,784	190	$11,031	$13,838	210	$11,032	$13,839	680	$9,701	$12,169	$0.49	$0.62
2003	296	$14,456	$17,759	233	$13,611	$16,721	231	$12,839	$15,773	760	$13,705	$16,837	$0.51	$0.63
2004	293	$10,759	$12,834	248	$16,458	$19,632	254	$17,439	$20,801	795	$14,671	$17,500	$0.50	$0.60
2005	304	$18,789	$21,724	261	$22,135	$25,593	264	$22,385	$25,882	829	$20,988	$24,266	$0.60	$0.70
2006	307	$18,213	$20,220	265	$19,217	$21,335	272	$19,438	$21,580	844	$18,923	$21,008	$0.62	$0.69
2007	304	$22,991	$24,936	261	$23,259	$25,227	270	$25,333	$27,476	835	$23,832	$25,848	$0.65	$0.70
2008	309	$24,439	$25,101	263	$23,765	$24,409	278	$25,733	$26,430	850	$24,654	$25,322	$0.72	$0.74
2009	298	$27,618	$28,974	268	$30,728	$32,236	277	$35,187	$36,914	843	$31,094	$32,620	$0.76	$0.79
2010	309	$35,056	$36,328	267	$34,006	$35,240	285	$38,982	$40,397	861	$36,030	$37,338	$0.95	$0.98
2011	313	$32,141	$32,141	266	$29,940	$29,940	299	$31,242	$31,242	878	$31,168	$31,168	$1.09	$1.09

*Real average earnings are adjusted using July 2011 Consumer Price Index and calculated by permits fished.

Figure 6. Bristol Bay Salmon Drift Gillnet Estimated Real Average Earnings per Permit, by Resident Type

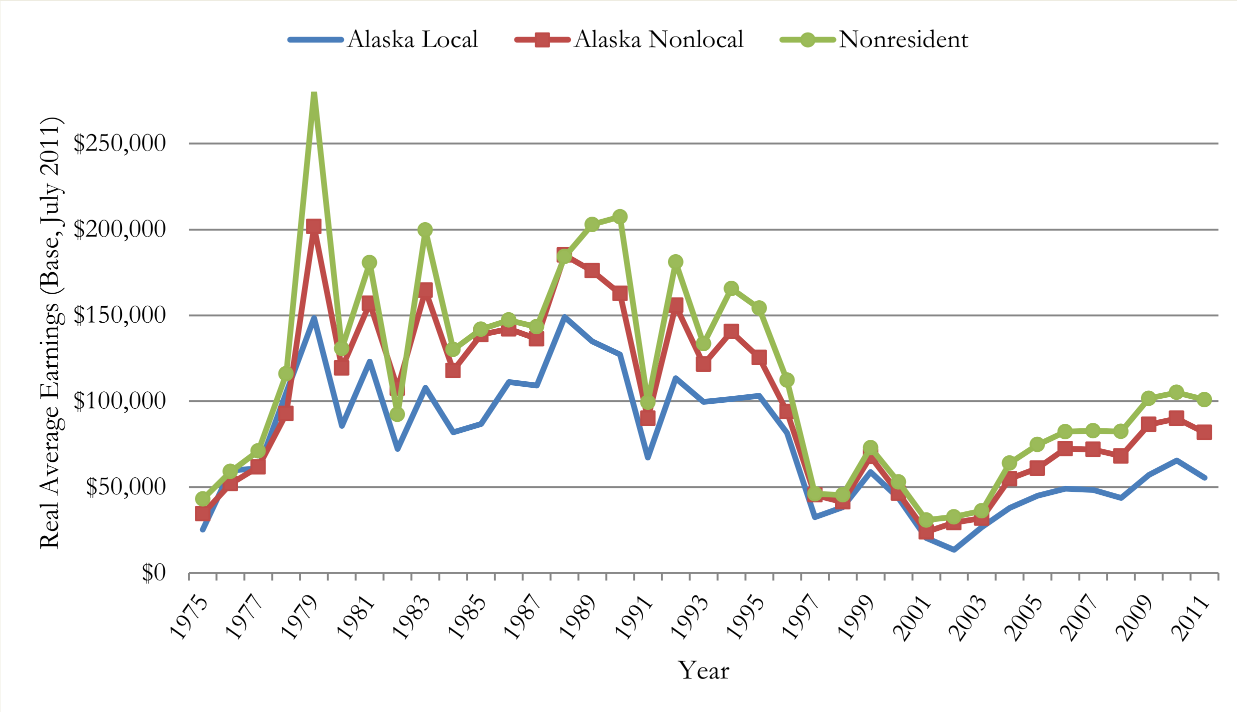

Figure 7. Bristol Bay Salmon Drift Gillnet Estimated Real Gross Total Earnings per Permit, by Resident Type

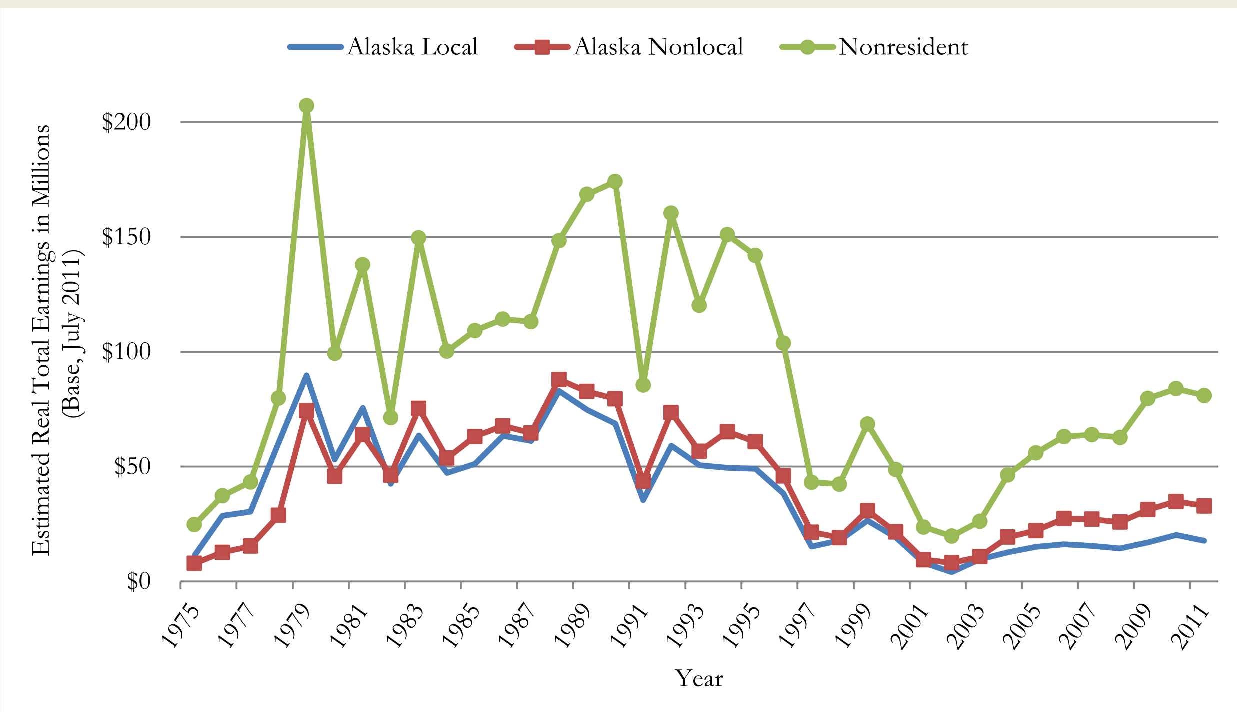

Figure 8. Bristol Bay Salmon Set Gillnet Estimated Real Average Earnings per Permit, by Resident Type

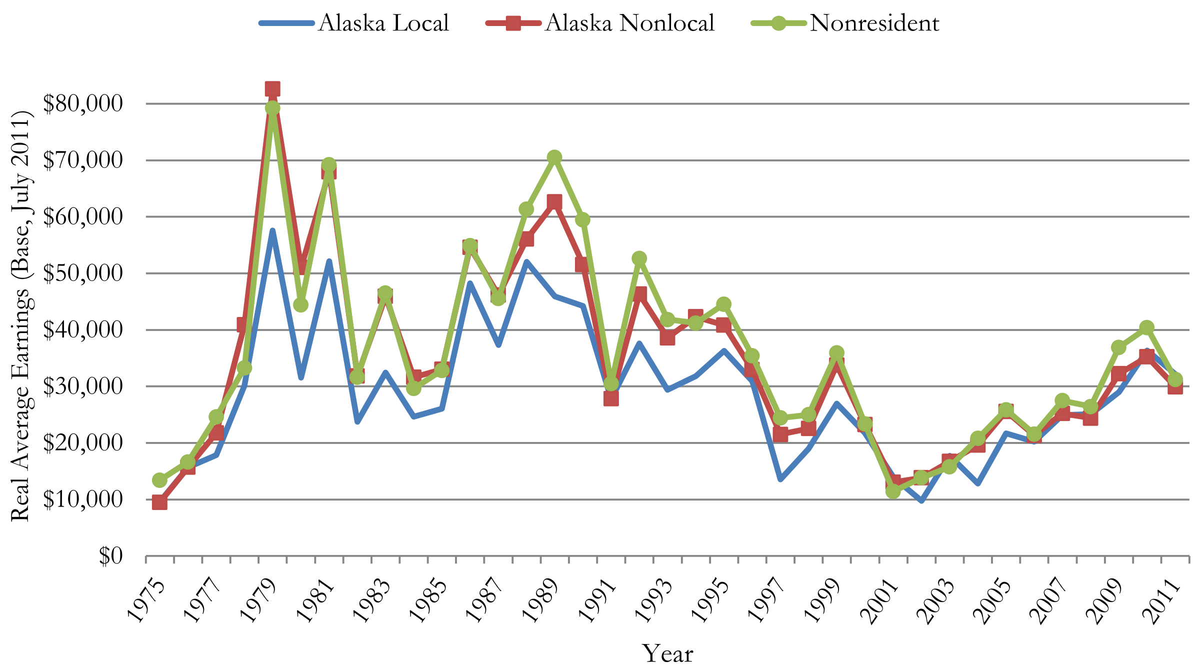

Figure 9. Bristol Bay Salmon Set Gillnet Estimated Real Gross Total Earnings per Permit, by Resident Type