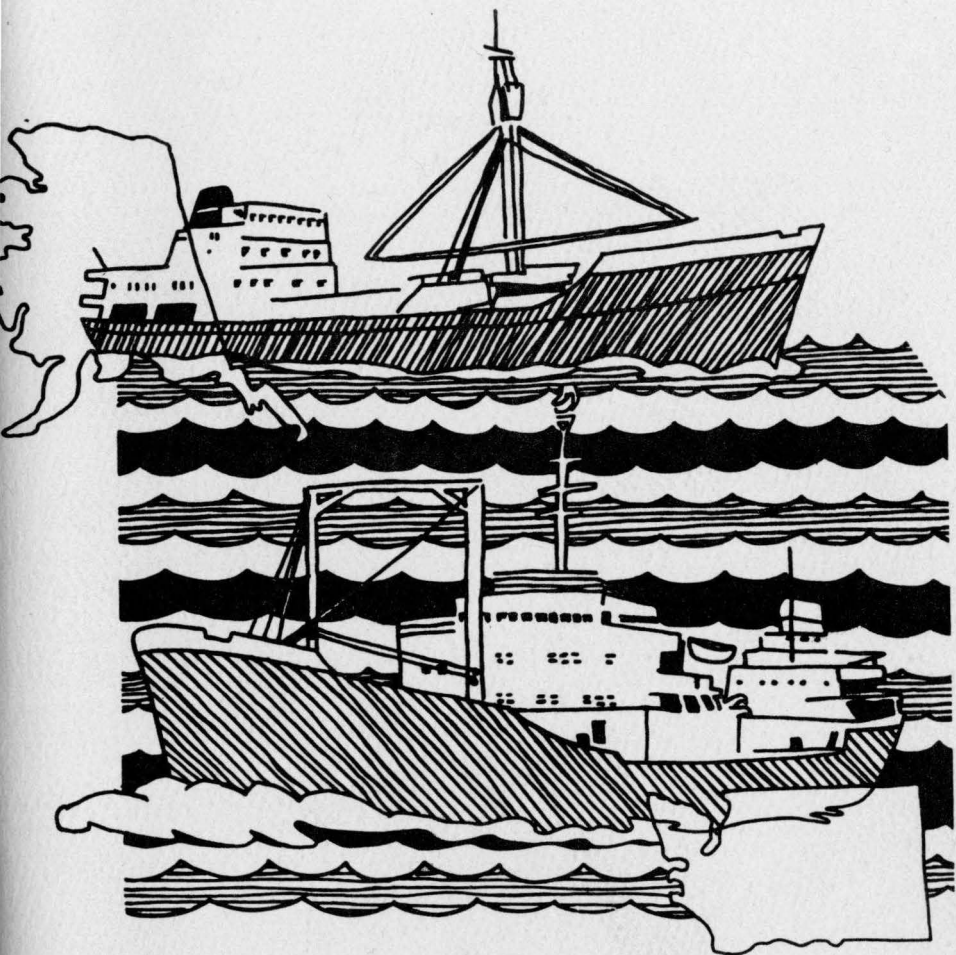


# ALASKA-WASHINGTON TRADE PROFILE: WATERBORNE COMMERCE

by

Kenneth L. Casavant, Wayne C. Thomas, Martin L. Waananen,  
and Charles L. Logsdon



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## INTRODUCTION

Alaska's uniqueness has always been a source of pride for its citizens and a source of enjoyment for its visitors. Geographically isolated, large in size, with a subarctic climate and a regionally diverse landscape, Alaska is markedly different from the rest of the United States. These same characteristics that have given Alaska her uniqueness have also made the state historically dependent on extensive trade with other regions.

Modern trade theory holds that any region, regardless of location or productive characteristics, can always increase its level of welfare by producing and exporting those commodities which it can produce with the greatest relative advantage while importing those commodities which can be produced with greatest relative advantage elsewhere. Self-sufficiency is rarely the wisest course of action. It is specialization, division of productive activities, and interregional trade that create a high degree of dependency between areas. This trade, in both durable and nondurable goods, is very important to Alaska because the state's developing agricultural and industrial activities are not yet able to provide for all consumers and, for some products, are never expected to do so. The need for inbound trade has created a high degree of interdependence between Alaska and Washington.

The port of Seattle in Washington has served historically as Alaska's transportation and trade center. This position is due both to the port's strategic geographical proximity and to its physical distribution facilities. Washington has become the marketing and production source for many of Alaska's goods. Many firms in Washington produce goods and services primarily for the Alaskan market while other firms have Alaskan divisions within their marketing organization. Washington produces much of the inbound Alaskan consumer products and transships even more Alaska-bound goods and services.

Although the trade interdependency between Alaska and Washington has existed for many years, the degree of that relationship has been only subjectively estimated and never quantitatively analyzed.<sup>1</sup> The transportation and physical distribution system has experienced stresses because of ongoing extractive resource activities and their accompanying demands for consumer and industrial goods. Thus, a high level of economic activity does create problems in marketing and transshipping products between Alaska and Washington.

Knowledge of the physical distribution system, trade profile, and commodity origin and destination is a first step to eliminating trade problems and improving marketing efficiency. If appropriate comparative advantages are to be developed as Alaska's nonrenewable and renewable resource potential is realized, more information on transportation requirements, marketing efficiencies, and trade structure is needed.

## OBJECTIVES

The overall purpose of this study was to establish a profile of Alaska-Washington waterborne movements, emphasizing commodity and port components that determine the needs of a physical distribution system. Specific objectives of the report are:

1. To determine Washington's share of the total Alaska-bound, waterborne traffic.
2. To present selected Washington-to-Alaska, waterborne movements by commodity and destination ports.
3. To present selected Alaska-to-Washington, waterborne movements by commodity and origination ports.
4. To determine implications of the trade profile with regard to future transportation and marketing needs.

It should be noted that there are sizable noncommodity trade flows between the regions, i.e., labor, capital, and services that are not in this data base. This report contains only data on major commodity grouping and principal ports in Alaska. Additional informa-

<sup>1</sup>The most complete research is contained in *Alaska Trade Study*, (2). It analyzes imports into Alaska on an aggregate commodity level and examines transportation problems within Alaska. It does not identify origins of commodity movement, nor does it examine the physical distribution system operating between regions.

tion is on file at the Agricultural Experiment Station, University of Alaska, and at the Department of Agricultural Economics, Washington State University.

## DATA

The Corps of Engineers, Department of the Army, in compliance with various acts of Congress<sup>2</sup>, collects statistics on the waterborne commerce of the United States. The five principal publications of these statistics are available to the public and present data on the movements of commodities and vessels at the ports and harbors of the United States, the commonwealth of Puerto Rico, and the Virgin Islands. They cover the following areas: Part 1, Atlantic coast; Part 2, Gulf coast, Mississippi River system, and the Antilles; Part 3, Great Lakes; Part 4, Pacific coast, Alaska, and Hawaii; and Part 5, waterborne commerce of the United States (National Summaries). Both the foreign and domestic commerce by water of the United States are included.<sup>3</sup>

These data are not detailed enough to allow establishment of a trade profile between Alaska and Washington. Commodity information on total movements is available, but not on an origin-and-destination basis. Additionally, much of the data published by the Corps of Engineers, when totaled by state or district, reveal some double counting relative to total movements in that state or district. The understandable reason for this is the legislative directive that the corps enumerate the specific volumes moving on individual sections of the waterways. Combining these individual volumes into total movements for a river or port generated the data problems of double counting for this research effort.

For the above reasons, the Corps of Engineers allowed an examination of the unpublished data used to generate the aggregate waterborne movements. The new information was remarkably precise, identifying specific inbound and outbound shipments, origination and destination ports and harbors, and even specific docks within

<sup>2</sup>The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922.

<sup>3</sup>For a complete review of information sources and method used by the Corps of Engineers, see the introduction of *Waterborne Commerce of the United States* (1).



these harbors. These data served as the basis for this report although, for reasons of confidentiality, all reference to docks was deleted. The data did allow reconciling of shipments to eliminate the double-counting problem.

The remaining difficulty with the Corps of Engineers data remains unresolved. Waterborne traffic movements are reported by vessel operators of record, usually captains, on forms prescribed by the Office of Management and Budget. These forms are often filled, due to lack of information or interest on the part of the vessel operator, with a "miscellaneous" identification, even though the shipment is correctly specified. Thus, the data tabulated in this report show a high proportion of miscellaneous shipments. Although this analysis did not do so, it could be assumed that the miscellaneous shipments, in reality, had the same profile as other nonmiscellaneous shipments. From a policy point of view, the projections based on such an assumption would appear to be reasonable.

### EXTENT OF ALASKA-WASHINGTON TRADE INTERDEPENDENCIES

The interdependencies between Alaska and Washington are evident in any investigation of the two states. Prior studies are replete with qualitative estimates of the dependency of Alaska on Washington as its marketing and transportation center. Further, the importance of Alaska as a market for Washington's produce and services has not received quantitative examination. The historical extent or degree of this dependency as it has influenced waterborne commerce has, however, been erroneously identified by investigators, including the authors (4). The "monopoly" position of Seattle has resulted in estimates that as much as 90% of Alaska's waterborne imports pass through Seattle.

An earlier study associated with this research effort presents an accurate picture of this relationship (3). The amount of Washington's outbound, coastal traffic (waterborne commerce shipped out of Washington to non-Washington domestic ports) that goes to Alaska increased from 1.04 million tons or 23.2% of total outbound tonnage in 1966 to 1.27 million or 28.9% of total tonnage in 1972 (Table 1). Washington's inbound, domestic, coastal traffic from Alaska increased from 0.22 million tons or 4.3% of total inbound tonnage in 1966 to 0.36 million tons or 13.6% of total tonnage in 1972. Included in Table 1 are data for the years 1967, 1970, and 1971 indicating that even though fluctuations in both inbound and outbound,

TABLE 1

## A Comparison of Total, Domestic, Inbound and Outbound, Coastwise Traffic for Washington and Washington Traffic with Alaska

Washington Traffic	1966	1967	1970	1971	1972	Total
Wash. inbound, coastwise	5,061,149	4,781,916	3,369,200	3,064,617	2,765,473	19,042,355
Wash. inbound, coastwise, from Ak.	217,636	676,397	397,616	331,420	376,626	1,999,695
% inbound fr. Ak.	4.3	14	11.8	10.8	13.6	10.5
Wash. outbound, coastwise	4,505,178	4,069,284	3,592,982	3,264,751	4,408,292	19,890,487
Wash. outbound, coastwise, to Ak.	1,043,779	1,056,587	1,037,480	1,122,594	1,268,332	5,528,772
% outbound to Ak.	23.2	25.95	28.8	34.4	28.8	27.9

Source: (3)

Alaska-associated trade occurred between 1966 and 1972, Alaska inbound traffic averaged 10.5% of Washington total inbound tonnage and 27.9% of outbound tonnage for this time period.

Total shipments inbound to and outbound from Alaska were specifically identified for 1966, 1967 and 1972. Washington's share of Alaska inbound and outbound traffic was, as predicted, very substantial. Specifically, an analysis of the ports of Anchorage and Ketchikan, busiest in southcentral and southeastern Alaska, respectively (Table 2), indicated that in 1972 these ports together received 71% of their inbound traffic from Washington and 59% of their outbound traffic went to Washington.<sup>4</sup>

TABLE 2

Washington's Share of Alaska Inbound and Outbound Traffic for the Ports of Anchorage and Ketchikan (%)

Port	1966	1967	1972
Outbound			
Ketchikan	34.6	6.3	9.4
Anchorage	21.5	9.0	49.6
Inbound			
Ketchikan	29.6	30.5	31.7
Anchorage	48.9	47.7	39.3

Source: (3)

It then, for trade prediction purposes, becomes important to identify the commodities which made up the non-Washington component of inbound traffic. These data, for Anchorage and Ketchikan, are indicated in Table 3. Of Ketchikan's inbound shipments from non-Washington ports in 1972, 99.6% were petroleum

<sup>4</sup>Information on other ports and other years is available in *Waterborne Commerce of the United States* (1).

products, while those to Anchorage were 96.1%. This means that, when non-Washington petroleum shipments are excluded, the figure of 90% of inbound shipments originating in or being shipped through Washington ports becomes realistic for Anchorage and Ketchikan.<sup>5</sup>

TABLE 3

Identification of the Non-Washington Component of Inbound Traffic for the Ports of Anchorage and Ketchikan

Port	Inbound
Ketchikan (1972)	
All	307,502
Washington	97,606
non-Washington	209,896
Petrol. non-Washington	209,041
% Petrol. non-Washington	99.6
Anchorage (1972)	
All	1,402,389
Washington	551,332
non-Washington	851,057
Petrol. non-Washington	817,718
% Petrol. non-Washington	96.1

Source: (3)

The implications which can be drawn from this high level of trade interdependence between Alaska and Washington or, more accurately, dependence on the part of Alaska, will be tempered by the future changes in the physical distribution system available to Alaska as well as the economic activity within the state. It is quantitatively obvious that Seattle is currently the marketing and transportation center (although not necessarily the production center) for Alaska

<sup>5</sup>Other ports were analyzed, yielding results similar to Ketchikan and Anchorage, but are not presented here due to space limitations.

for all nonpetroleum products. The percentage of Alaskan imports being transshipped through or originating in Seattle may well be decreased in the future as other "lower 48" cities become more competitive with Seattle in providing products, marketing opportunities, and transportation services. However, the dependency on Seattle in absolute volume can be expected to be maintained, if not increased. Thus, it remains critical to Alaska that Seattle's transportation and total physical distribution system continue to grow in capacity and efficiency in response to the economic growth of Alaskan commodities even as alternative routes for Alaskan products are developed. It is this transportation system that will be available for Alaskan agricultural and industrial production as these industries mature. From Washington's viewpoint, this increase in transportation efficiency and capacity is necessary as competition with other domestic and foreign entities for the Alaskan market increases.

### ALASKA-WASHINGTON TRADE

The economic essence of comparative advantage is that trade ultimately becomes a two-way street with each state or region producing and/or providing that product for which it has the highest advantage. Alaska and Washington trade, already exhibiting such characteristics, can be expected to expand this reciprocal relationship. The renewable resources in Alaska—fishing, agriculture, forestry, and recreation—are expected to experience development as a means of tempering the boom-and-bust impact of nonrenewable resource exploration. These industries provide present and potential export commodities for Alaska and therefore are potential imports into world markets as well as Washington for consumption in Washington and/or transshipment into other states.

#### Commodities

The tonnage of commodities moving by water from Alaska to Washington has increased from 2.6 million tons in 1966 to 14.4 million tons in 1973 (Table 4). The heaviest export movements are in crude petroleum (commodity no. 13) which averaged about 7.1 million tons annually over the eight-year period, increasing from 1.2 million tons in 1966 to a high of almost 10 million tons four years later. Petroleum exports consistently comprised from 50 to 80% of the waterborne volume moving between Alaska and Washington. The second highest outbound commodity from Alaska is coal and petroleum products. From 1966 to 1973, substantial growth, corresponding to that of crude petroleum, was also rated in this category.

TABLE 4: Alaska-Washington Waterborne Tonnage, by Commodity, 1966-1973 (tons)

Commodity	1966	1967	1968	1969	1970	1971	1972	1973
01	459	1,141	1,432	168	154	182	46	258
08	0	0	0	0	0	0	23	0
09	25,034	27,671	25,913	25,514	26,192	67,117	30,547	192,437
10	22,221	29,538	35,694	53,224	586,590	782,723	861,767	887,827
11	0	0	4	0	0	0	0	1,783
13	1,170,201	2,978,965	8,221,551	9,609,779	9,934,766	9,073,098	8,355,960	7,571,806
14	78,203	86,471	221,635	170,857	223,324	230,037	274,592	53,144
19	0	0	0	0	388	294	662	0
20	103,515	52,676	85,377	56,379	91,559	48,736	63,301	72,846
21	0	2	0	2	0	0	0	0
22	48	14	118	51	68	0	0	0
23	0	0	0	0	0	18	10	0
24	261,912	321,048	631,800	704,676	861,586	683,097	962,690	1,128,144
25	17	177	3,020	5,249	9,945	4,130	6,556	8
26	382,570	192,796	206,053	227,207	362,556	360,563	215,430	1,377,364
27	0	0	7	68	1	0	0	0
28	48,053	917	23,460	8,768	171,917	191,353	437,194	805,411
29	531,470	510,938	491,459	732,051	1,790,165	2,105,605	2,127,720	2,272,005
30	87	18	56	72	57	116	43	113
31	1	0	0	0	0	0	0	0
32	110	567	1,877	1,481	6,969	298	71	152
33	953	1,167	718	312	1,614	1,543	820	758
34	2,203	2,122	2,247	2,568	1,249	2,549	4,807	2,305
35	4,996	7,305	4,326	6,559	5,512	4,307	10,582	3,356
36	136	56	298	112	92	151	435	61
37	2,765	4,366	4,897	9,620	7,785	1,542	2,867	3,471
38	33	26	24	26	31	472	16	11
39	1,592	112	169	949	3,410	2,269	2,690	2,374
40	1,420	6,373	2,854	4,450	6,752	3,245	14,103	13,469
41	32,260	35,113	37,437	33,845	28,932	89,102	30,400	30,374
Total	2,670,259	4,259,579	10,002,426	11,652,987	14,115,341	13,652,547	13,403,332	14,419,477

Source: (1)

The next highest volume movement, one that has shown a consistent increase, is lumber and wood products (commodity no. 24) which increased in tonnage from 262 thousand tons in 1966 to over 1.1 million tons in 1973. Only in 1971 was a decrease in tonnage experienced.

The fourth, fifth, and sixth commodities in importance to volume of Alaska-Washington movements are metallic ores (commodity no. 10), pulp and paper (commodity no. 26), and nonmetallic minerals (commodity no. 14), respectively. All three have experienced increases in tonnage over the eight-year period except for nonmetallic ores in 1973 which experienced a significant decrease in tonnage. Pulp and paper movements jumped to almost 1.4 million tons in 1973, 500% above the previous seven-year average.

Another commodity which has experienced tremendous increases in recent years is chemicals and allied products (commodity no. 28) which averaged 20.3 thousand tons from 1966 to 1969 but which grew to an average of 401 thousand in 1970-1973. This growth reflects the increased production and movement of Alaskan fertilizers into the fertilizer-deficient Pacific Northwest.

## Ports

Most Alaska ports export at least two commodities, but a tremendous variation in tonnage among ports is evident (Table 5). The importance of the various ports is usually determined by one or two commodities, e.g., Alaska Peninsula, South Side (port no. 93520) includes most of the Cook Inlet petroleum production, while Wrangell (port no. 93031) is heavily associated with lumber and wood products. Alaska Peninsula, South Side, had the largest outbound tonnage every year. Skagway, with its increasingly heavy ore shipments on the White Pass and Yukon Route, was second in importance in the latter years, except for 1973 when Sitka's lumber products output increased significantly. Other ports having export movement into Washington, for various years, were Anchorage, Whittier, Southeastern Alaska, Ketchikan, and Kodiak.

## WASHINGTON-ALASKA TRADE

Most consumer and industrial goods are shipped into Alaska, and most nonpetroleum goods come via Washington ports. There is a high level of trade activity occurring in movements into Alaska and, with the present and potential growth in Alaskan economic activity, new

TABLE 5: Alaska-Washington Waterborne Tonnage, by Port, 1966-1973 (tons)

Port	1966	1967	1968	1969	1970	1971	1972	1973
93005	291,809	42,158	121,444	179,367	339,427	344,314	285,517	591,371
93009	752	21,775	60,538	36,613	105,804	38,658	125,482	182,356
93022	4	13	7	4	62	304	560	1,072
93031	158,643	186,416	266,591	275,645	338,334	335,555	416,042	408,144
93036	8,742	2,384	5,594	6,174	21,371	14,752	10,220	16,708
93045	177,997	169,557	195,923	205,121	189,869	167,312	201,886	1,149,715
93052	67,401	82,310	165,993	120,843	75,477	134,041	211,458	147,479
93055	20,505	14,466	14,856	11,860	15,761	6,384	3,792	4,822
93057	1,897	3,098	0	1,930	1,132	2,150	1,719	3,005
93065	115,348	140,241	332,659	298,153	937,048	1,098,828	1,088,390	963,587
93127	9,622	6,778	6,664	2,977	275	1,162	147	7,051
93128	969	0	0	0	0	0	0	0
93130	21	10,654	286	200	27	1,032	932	2,759
93152	4,389	6,816	11,171	8,107	2,041	724	20,641	21,398
93170	368	188	0	0	0	19	74	2,939
93171	112	2,000	0	3,485	0	235	111	5,252
93172	22,891	20,687	29,696	46,000	103,883	45,259	69,966	375,876
93175	3,067	15,394	11,565	29,042	75,658	133,511	46,295	19,337
93177	22,680	18,756	20,694	8,706	9,513	9,526	9,139	52,966
93268	2,310	3,561	1,537	2,556	3,986	4,158	2,240	11,409
93450	9,811	9,633	8,082	3,390	6,542	817	2,472	4,543
93460	1,053	1,314	1,387	769	1,076	731	883	259
93520	1,734,860	3,494,699	8,736,938	10,396,480	11,793,099	11,296,781	10,902,739	10,420,416
93568	7,000	3,091	4,217	10,669	78,391	277	89	1,891
93572	2,633	1,730	760	1,310	5,279	198	1,584	77
93617	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	599	952
93650	542	1,059	848	589	293	475	0	9
93685	955	500	662	577	136	38	186	287
93710	0	0	0	236	181	0	155	91
Other*	0	0	0	0	3,673	14,846	0	12,596
Total	2,670,259	4,259,579	10,002,426	11,652,987	14,115,341	13,652,547	13,403,332	14,419,477

Source: (1)

\* Other ports not in the code used in this study.



pressures and demands on the physical distribution system will be experienced. The type and distribution of present trade (essentially the commodity profile), even though they may be modified slightly in the future, do represent the demands being expressed by the consumers or industries in Alaska.

## Commodities

Washington provides a full assortment of consumer and industrial goods by water for Alaska and the volume of these goods has increased significantly over the eight-year period from 1966-1973 (Table 6). Total volume moved increased from about 2 million tons in 1966 to over 7.7 million tons in 1973. Particularly noticeable is the 42.7% increase from 1968 to 1969, the year in which original activity due to the expected start of the oil pipeline accelerated. As the construction was delayed due to legal constraints, imports into Alaska decreased 12.7% and never fully recovered until 1973 when the legal questions which had delayed construction were resolved. Most major commodities reflected this same demand pattern, although, for some, the peak occurred one year later in 1970.

On a volume basis, petroleum and coal products (commodity no. 29) is by far the most important import commodity group, ranging from 58.7% of total imports in 1966 to 35.3% in 1973. It should be noted that petroleum, although experiencing a strong absolute increase in 1973 compared with 1972, had only a 51.7 % increase compared to the total inbound trade increase of 145.5%.

The other commodity that contributed greatly to the increase in 1973 was lumber and wood products (commodity no. 24) which increased in import volume from an average of 81 thousand tons per year for 1966 through 1972, to 3.4 million tons in 1973. This commodity group appears to be very responsive to construction activities in Alaska.<sup>6</sup>

Food and kindred products (commodity no. 20) is the third most voluminous waterborne import into Alaska. These consumer goods have been increasing steadily in volume, from 147,551 tons in 1966 to 332,358 tons in 1973, a 125.7% increase. Of particular note is the

<sup>6</sup>This figure, which *a priori* seemed too high, was re-examined as to original data. While no error could be found, neither could an acceptable explanation be identified. Therefore, the authors feel this figure is suspect.

TABLE 6: Washington-Alaska Waterborne Tonnage, by Commodity, 1966-1973 (tons)

Commodity	1966	1967	1968	1969	1970	1971	1972	1973
01	15,742	24,726	23,007	19,306	17,473	28,267	25,716	22,421
08	38	55	0	36	6	325	428	196
09	2,895	3,724	2,298	3,858	3,279	4,829	3,944	30,935
10	0	0	52	0	52	130	7,200	80
11	664	247	141	296	159	312	242	9,224
13	0	0	3,092	20,701	56,713	102,437	38,838	82,674
14	31,897	42,185	50,632	74,669	64,713	34,323	76,088	90,024
19	16	71	1,779	1,402	612	282	536	37
20	147,551	148,412	169,410	167,323	194,472	206,905	251,145	332,358
21	855	399	254	618	120	60	538	544
22	7,002	1,030	501	1,948	1,002	2,096	525	754
23	90	10	13	0	12	1,566	141	14
24	42,546	68,754	49,673	71,904	92,267	111,050	130,941	3,403,147
25	3,791	8,694	8,096	12,366	12,929	11,132	11,890	10,173
26	11,918	7,424	10,732	13,354	7,715	7,228	10,527	15,192
27	112	240	381	314	1,832	510	305	521
28	110,150	104,242	129,793	141,104	91,692	154,149	143,612	100,295
29	1,208,999	1,448,509	1,330,904	2,215,399	1,616,144	1,832,338	1,806,100	2,740,060
30	1,874	1,794	4,767	6,974	3,205	2,855	3,530	3,217
31	0	0	17	4	73	595	79	11
32	78,806	43,918	133,575	130,368	104,762	111,281	120,365	150,551
33	38,613	52,937	61,916	123,777	397,846	162,196	66,127	56,331
34	41,455	25,858	32,743	41,132	37,439	38,494	50,224	51,131
35	18,454	39,283	30,438	20,572	23,168	21,313	27,521	41,854
36	2,559	2,749	2,796	2,258	3,594	4,190	4,349	4,181
37	24,614	29,071	28,624	34,198	40,396	47,545	47,162	46,167
38	31	23	26	86	66	99	47	86
39	15,301	1,753	710	9,865	29,914	23,080	38,082	46,877
40	1	178	307	43	45	852	9	1,922
41	254,213	417,805	413,560	440,438	300,506	260,933	293,747	515,695
Total	2,060,187	2,474,091	2,490,237	3,554,313	3,101,206	3,171,372	3,159,958	7,756,672

Source: (1)

fact that food products did not experience the peak in volume in 1969 as did other products, but exhibited a consistent growth over the time span with a 32.3% increase in 1973.

The other materials inbound to Alaska in significant quantities are primarily construction and industrial imports. Enough concrete and stone (commodity no. 32) have been imported from Washington to rank this commodity fourth in volume. It, like most commodities, also peaked in 1968-1969 and did not regain that high volume level until 1973. Other significant commodities in the Washington-Alaska trade profile are nonmetallic minerals, primary metal products, and fabricated metal products (commodity nos. 14, 33, and 34, respectively). Primary metal products had a significant peak in the 1969 year of preconstruction pipeline activity because of the anticipated need for pipe and steel.

## Ports

The destination of the coastwise, inbound-to-Alaska commodity movements is affected directly by population distribution and location of economic activity. Individual port capacity and available facilities can be impediments to physical distribution efficiency if, as expected, significant increases in commodity movements in Alaska become a reality in the future.

With the obvious exception of 1973, Anchorage is consistently the highest-volume port in Alaska (Table 7). The percentage going into Anchorage has been 35 to 45% of total shipments inbound to Alaska every year. The next closest ports have been Whittier and Ketchikan.

Port profiles were different in 1973. Anchorage's percentage dropped to 21.8 % of the total in 1973 even though the absolute volume underwent a 27% increase from 1.3 million tons in 1972 to 1.7 million tons in 1973. Ketchikan had 27% of the total inbound movements in this year, while its highest previous percentage had been 12% in 1966, and it averaged 9.1% from 1966 through 1972. Other major ports in 1973 were southeast Alaska ports with 13%, and Sitka with 17.4%. Startling increases in lumber and wood products shipments, discussed previously, were the cause of the total increase for all three increasing ports.

Anchorage and Whittier, in southcentral Alaska, and Ketchikan and Sitka, in southeast Alaska, appear to be the main distribution centers for waterborne commerce into Alaska. This position became more dominant from 1966 to 1972 with the two southcentral ports increasing their share of the total from 41.6% in 1966 to 56.4% in

TABLE 7: Washington-Alaska Waterborne Tonnage, by Port, 1966-1973 (tons)

Ports	1966	1967	1968	1969	1970	1971	1972	1973
93005	244,714	258,976	275,630	268,179	224,925	246,247	264,266	2,091,056
93009	3,269	4,597	2,397	3,711	4,260	3,827	4,772	11,280
93022	238	889	469	419	421	1,123	1,010	5,761
93031	5,850	5,468	3,740	106	26,508	24,223	6,191	380,236
93036	4,662	3,829	6,965	9,848	5,877	8,232	11,828	73,109
93045	94,083	115,338	128,865	143,350	120,405	129,977	167,069	577,147
93052	194,492	56,961	19,967	121,870	23,066	86,133	28,970	1,015,885
93055	38,323	33,801	38,927	45,594	23,129	68,705	103,558	152,070
93057	785	629	476	779	752	869	837	4,062
93065	136,623	162,398	229,351	283,057	313,810	335,443	282,167	313,548
93127	6,479	16,891	12,283	10,458	10,451	35,063	9,657	25,508
93128	11	2	15	1,871	1,050	1,186	147	2,030
93130	47,032	46,815	36,627	97,998	297,624	102,750	41,489	116,961
93152	36,119	74,804	87,009	25,897	13,665	55,391	3,777	29,849
93170	1,883	19,768	462	239	0	0	5	6,959
93171	377	156	2,250	98	0	36,614	5,002	47,801
93172	751,330	1,018,859	1,036,134	1,510,213	1,358,838	1,271,671	1,334,776	1,694,620
93175	105,180	238,791	258,388	436,988	168,097	357,525	446,069	522,599
93177	132,622	51,871	40,434	55,141	44,128	58,906	96,334	0
93268	85,120	110,545	91,985	141,967	115,321	69,352	73,723	127,830
93450	36,347	60,497	79,023	97,596	39,930	47,589	30,161	25,893
93460	3,268	1,769	3,954	4,460	5,350	4,110	3,517	4,113
93520	74,197	128,814	91,898	113,750	94,113	142,937	146,698	287,396
93568	12,221	9,344	3,430	8,961	11,949	9,522	4,305	2,570
93570	7,240	8,991	15,874	16,943	13,713	17,053	15,983	30,670
93572	5,043	1,758	2,759	3,595	4,855	1,887	3,486	3,535
93617	0	23,542	0	1,850	0	0	3,041	1,205
93643	0	0	0	0	0	150	1,360	37,468
93650	13,116	0	11,496	3,078	140,093	15,132	1,353	9,474
93685	14,911	6,776	6,926	19,281	16,037	20,284	26,938	26,798
93710	4,652	11,212	2,503	127,016	22,839	19,471	39,513	63,832
Other*	0	0	0	0	0	0	1,956	65,407
Total	2,060,187	2,474,091	2,490,237	3,554,313	3,101,206	3,171,372	3,159,958	7,756,672

Source: (1)

\* Other ports not included in the code for this study.

1972. Ketchikan and Sitka increased their share from 16.4% in 1966 to 13.6% in 1972 and to a substantial 34.4% in 1973. Since most population growth and pipeline-related activity has been in south-central and interior Alaska, it appears that the lumber industry has been the sustaining factor in the southeast.

Although most ports in Alaska have experienced a stable increase in absolute volume inbound over the eight-year period, some ports have had erratic volume levels. Seward's (port no. 93152) volume level fluctuated, but by 1973 a general absolute decrease was evidenced, probably because economic activity associated with recovery from the 1964 earthquake had subsided. This could also be reflecting the increased container movements into Anchorage versus the solely rail-based movements through Seward. Kodiak, Aleutian Islands, and Naknek River (port nos. 93177, 93450, and 93568, respectively) also show an erratic downward trend. Aleutian Islands in particular shows a decrease in volume in the later years. Dillingham Harbor (port no. 93572) has had a consistent but slightly decreasing volume of inbound movements. St. Michael (port no. 93650) had an unusual year in 1970 when its 140,093 tons of inbound traffic was almost six times its eight-year average of 24,200 tons.

### **Seattle Trade Profile**

The trade port in Washington of particular interest to Alaska is, of course, Seattle. The volume of waterborne trade between Seattle and Alaska is indicated in Table 8. The traffic from Seattle increased generally between 1950 to 1970 but peaked in 1969 after which it showed a significant decrease in 1970 and 1971 as industrial companies waited for pipeline-related court cases to be resolved. As economic activity in Alaska surged, Seattle shipments to Alaska increased 55.1% from 1973 to 1974, going from less than 1 million to nearly 1.5 million tons.

The commodity composition of Seattle trade for 1973 and 1974 is indicated in Table 9. This presentation is by individual commodity, rather than commodity group, and allows examination of data available from the Corps of Engineers as well as specifying in detail the commodities moving from Seattle.

The most noticeable characteristic is that the two largest entries, nos. 2099 and 4112, are miscellaneous foodstuffs and commodities, respectively. This again reflects the lack of specification, mentioned in an earlier section, on the part of the data series available from the Corps of Engineers.

However, the other commodities do indicate Seattle's transshipment role, since building cement, machinery, and lumber were the next largest shipments. Alcoholic beverages were also in demand in Alaska, as nearly 59,000 tons were moved north in 1974. Other significant commodities in 1974 were fabricated metal products, motor vehicles, miscellaneous nonmetallic mineral products, and coal, lignite, and charcoal.

TABLE 8

Seattle Waterborne Trade with Alaska, 1950-1974

Year	Inbound Seattle (Thousand Short Tons)	Outbound Seattle (Thousand Short Tons)	Total	Inbound (% of total)	Outbound (% of total)
1950	124.5	468.2	592.7	21	79
1951	121.0	531.5	652.5	19	81
1952	131.8	432.3	564.1	23	77
1953	126.3	449.3	575.6	22	78
1954	86.8	491.9	578.7	15	85
1955	85.1	501.8	586.9	14	86
1956	87.7	575.4	663.1	13	87
1957	69.5	512.4	581.9	12	88
1958	72.7	549.2	621.9	12	88
1959	74.6	583.7	658.3	11	89
1960	71.0	618.3	689.3	10	90
1961	73.8	532.1	605.9	12	88
1962	69.5	528.5	598.0	12	88
1963	92.5	575.0	667.5	14	86
1964	109.7	715.9	825.6	13	87
1965	144.1	801.6	945.7	15	85
1966	162.7	775.0	937.7	17	83
1967	163.2	801.5	964.7	17	83
1968	164.1	810.0	974.1	17	83
1969	166.6	964.4	1,131.0	15	85
1970	162.6	715.7	878.3	19	81
1971	224.7	832.2	1,056.9	21	79
1972	168.7	1,054.8	1,223.5	14	86
1973	406.4	964.3	1,370.7	30	70
1974	312.9	1,495.9	1,808.8	17	83

Source: (5)

A comparison of 1973 and 1974 traffic indicates a significant increase was felt in 1974 as well as in 1973. This increase, however, was not experienced to the same degree in all commodities (Table 9). Of the top eight commodities, those directly related to consumer goods—miscellaneous food products and alcoholic beverages—experienced only a 17.1% and 14.2% increase, respectively. The other commodities which are more directly related to construction and industrial activities, such as miscellaneous commodities (which could contain some foodstuffs), building cement machinery, lumber, fabricated metal products, and miscellaneous manufactured products increased 122.6%, 221.0%, 288.0%, 34.4%, 34.1%, and 28.9%, or an average of about 121% from 1973 to 1974. Implications of such differences will be examined in the next section.

## IMPLICATIONS OF ALASKA-WASHINGTON TRADE PROFILE

Alaskan trade with Washington, both inbound and outbound, was examined as to commodity and port profile. Since the overall purpose of this report is to establish as complete a trade profile as available data permit, Appendix tables B-1 through B-61 are included. These tables present, for 1966-1973, the commodity volumes (tables B-1 through B-30) and port volumes (tables B-31 through B-61), thereby identifying any port or commodity specialization. Further, all commodities passing through each port are summarized.

### Commodities

Commodity movements do vary by port but are still heavily dependent on movements to the hinterland surrounding the port and available port facilities. Additionally, the general level of economic activity in Alaska affects demand for various products differently.

Farm products (Appendix table B-1) are a very stable waterborne shipment from Washington to Alaska. Movements averaged around 22,000 tons from 1966 to 1973 with a low of 15.7 thousand tons in 1966 to a high of 28.3 thousand tons in 1971. Major ports handling these commodities are those with high population centers in their trade and service areas such as Anchorage, Whittier, Juneau and Ketchikan. The same description holds for food products (Appendix table B-9).

Fresh fish and other marine products (Appendix table B-3) had been increasing as an outbound movement from Alaska, at least until

TABLE 9

Seattle Harbor Outbound, Waterborne Traffic to Alaska,  
1973 and 1974

Commodity	1973 Short Tons	1974	1974 over (under) 1973 %
TOTAL	964,318	1,495,922	55.1
0101 Cotton, raw	38		
0102 Barley and rye	80	90	12.5
0103 Corn	537	99	(81.6)
0104 Oats	17		
0105 Rice		60	
0106 Sorghum grains		61	
0107 Wheat	104	103	(1.0)
0111 Soybeans		73	
0122 Hay and fodder	322	712	121.1
0129 Field crops, nec.		20	
0131 Fresh fruits and tree nuts	5,534	8,377	31.4
0133 Coffee	73		
0141 Fresh and frozen vegetables	3,715	3,526	29.9
0151 Live animals	74	37	(50.0)
0161 Animals and products	193	1,028	432.6
0191 Miscellaneous farm products	57	162	184.2
0841 Crude rubber and allied gums	17		
0861 Forest products	162	118	(27.2)
0911 Fresh fish, except shellfish	491	483	(1.6)
0912 Shellfish, except prepared	2		
1121 Coal, lignite and charcoal	6,057	40,018	560.7
1411 Limestone		208	
1412 Building stone, unworked	370	629	70.0
1442 Sand, gravel, crushed rock	987	1,729	75.2
1451 Clay	934	8,102	767.4
1491 Salt	8,025	6,704	(16.5)
1492 Sulphur, dry	4,048	8,675	114.3
1494 Gypsum, crude and plasters	20,689	12,685	(38.7)
1499 Nonmetallic minerals	1,215	1,115	(8.2)
2011 Meat, fresh, chilled, frozen	17,799	9,186	(28.2)
2012 Meat and products, nec.	279	644	130.8
2015 Animal by-products	48	71	47.9
2021 Dairy products	3,534	4,709	33.3
2022 Dried milk and cream	564	241	(57.3)
2031 Fish and shellfish, prepared	1,496	706	(52.8)



TABLE 9 (continued)

2034	Vegetables and prep.	3,183	1,755	(44.9)
2039	Prep. fruit and veg. juice	4,215	4,829	14.6
2041	Wheat flour and semolina	237	822	500.0
2042	Prepared animal feeds	6,456	5,822	(9.8)
2049	Grain mill products	1,588		
2061	Sugar	1,191	485	(59.3)
2062	Molasses	481	572	18.9
2081	Alcoholic beverages	51,382	58,664	14.2
2091	Vegetable oils, marg., short.	148	442	198.6
2092	Animal oils and fats	227	227	(39.2)
2094	Groceries	28,875	31,156	7.9
2099	Miscellaneous food products	127,237	149,001	17.1
2111	Tobacco manufactures	544	737	35.5
2211	Basic textile products	736	973	32.2
2212	Textile fibers		23	
2311	Apparel	14	64	357.1
2411	Logs	71	10	(85.9)
2413	Fuel wood, charcoal, wastes	22	91	313.6
2414	Timber posts, poles, piling	4,204	7,475	77.8
2416	Wood chips, staves, moldings		13	
2421	Lumber	56,346	75,710	34.4
2431	Veneer, plywood, worked wood	19,080	35,877	83.0
2491	Wood manufactures	12,489	30,513	144.3
2511	Furniture and fixtures	9,737	5,201	(46.6)
2611	Pulp	909	40	(95.6)
2621	Standard newsprint paper	3,446	2,098	(39.1)
2631	Paper and paperboard	4,379	6,957	58.9
2691	Pulp and paper products	6,169	5,035	(18.4)
2711	Printed matter	521	349	(33.0)
2810	Sodium hydroxide	751	111	(85.2)
2811	Crude tar, oil, gas products	4,398	1,767	(59.8)
2813	Alcohol	1,614	3,644	125.7
2817	Benzene and toluene			
2819	Basic chemicals and prod.	16,223	31,542	94.4
2821	Plastic materials	600	3,665	510.8
2823	Synthetic (man-made) fibers	11	8	(27.3)
2831	Drugs	65	262	303.1
2841	Soap	741	1,016	37.1
2851	Paints	5,179	4,065	(21.5)
2861	Gum and wood chemicals	281	266	(5.3)
2871	Nitrogenous chem. fertilizers	447	265	(40.7)
2876	Insecticides, disinfectants	42		
2879	Fertilizer and materials	2,367	5,109	115.8
2891	Miscellaneous chemical prod.	6,106	5,134	(15.9)
2911	Gasoline	30,551	16,508	(46.0)

TABLE 9 (continued)

2912	Jet fuel	47	695	1,378.7
2913	Kerosene	12,614	250	(98.0)
2914	Distillate fuel oil	12,921	14,939	15.5
2915	Residual fuel oil	6,491	544	(91.6)
2916	Lubricating oils and greases	7,636	21,052	175.7
2917	Naphtha, petroleum solvents	1,540	330	(87.6)
2918	Asphalt, tar and pitches	4,760	8,357	75.6
2920	Coke, including petroleum coke	95	114	20.0
2921	Liquefied gases	4,050	5,351	32.1
2951	Asphalt building materials	1,211	1,612	33.1
2991	Petroleum and coal prod.	12,933	6,825	(47.3)
3011	Rubber and misc. plastic prod.	2,965	6,404	116.0
3111	Leather and leather products	11	37	236.4
3211	Glass and glass products	1,772	2,056	16.0
3241	Building cement	28,996	93,113	222.1
3251	Structural clay products	2,848	2,084	(26.8)
3271	Lime	1,111	1,685	51.7
3281	Cut stone and stone products	205	65	(68.3)
3291	Misc. nonmetallic mineral prod.	28,226	47,662	68.9
3311	Pig iron	2		
3314	Iron and steel, primary forms		7	
3315	Iron, steel shapes, exc. sheet	10,512	26,377	151.0
3316	Iron and steel plates, sheets	5,234	6,456	21.3
3317	Iron and steel pipe and tube	28,259	34,121	20.7
3318	Ferroalloys	61	32	(47.5)
3319	Iron and steel products	479	607	26.7
3321	Nonferrous metals	2,207	3,665	66.1
3322	Copper alloys, unworked	111	174	56.8
3324	Aluminum and alloys, unworked	217	283	30.4
3411	Fabricated metal products	41,250	55,316	34.1
3511	Machinery, except electrical	21,775	84,674	288.8
3611	Electrical mach. and equip.	4,119	6,636	61.1
3711	Motor vehicles, parts, equip.	33,239	46,637	40.3
3721	Aircraft and parts	13	15	15.4
3731	Ships and boats	1,242	1,514	21.9
3791	Misc. transportation equipment	8,221	16,538	101.2
3811	Instr., time, photo, opt. goods	86	129	50.0
3911	Misc. manufactured products	39,404	50,775	28.9
4011	Iron and steel scrap	8	7	(12.5)
4012	Nonferrous metal scrap		43	
4024	Paper waste and scrap		30	
4029	Waste and scrap	40	51	27.5
4112	Commodities	152,596	339,727	122.6

Source: (5)

1973. Further, in the latter years, more ports were shipping fresh fish. Even with Alaska being considered a major fish producing area, a consistent amount of processed fish moves from Washington to Alaska every year.

The Skagway shipments of outbound metallic ore (Appendix table B-4) are easily the dominant feature of this port. Seward, which shipped substantial quantities in 1971 and 1973, was the only other major port to contribute to outbound metallic ore shipments. Coal shipments are not substantial in Alaska-Washington trade, with only Anchorage and, in 1973, Kodiak and Aleutian Island ports, handling this commodity to any significant degree.

Lumber and wood products (Appendix table B-13) are primarily imported through the ports of Anchorage and Whittier although many ports do import smaller quantities. In 1973 all of the Southeastern ports imported tremendous quantities of lumber. Exports of lumber to Washington occur primarily from Southeastern ports of Ketchikan, Metlakatla, Wrangell, and Skagway. Pulp and paper products are exported almost entirely from Sitka with most imports occurring through Anchorage and Whittier. Sitka had a banner year for pulp exports in 1973 with a 1.15 million tons moved to Washington.

Petroleum inbound movements (Appendix table B-18) occur in almost every port in Alaska but are by far heaviest in Anchorage in Southcentral and Ketchikan in the Southeast. Other construction equipment and materials reflect the same trade distribution as petroleum. Miscellaneous products of manufacturing (Appendix table B-28) are normally imported into Anchorage, probably as consumer durable goods.

## Ports

Anchorage (Appendix table B-47) imports the complete range of commodities, reflecting its position as the industrial and consumer center for southcentral and interior Alaska, as well as its flexible port facilities. Anchorage's exports vary over the years but imports were generally from 10 to 30 times greater in volume. Except in 1973 when a substantial increase in petroleum exports occurred, this ratio of imports over exports in Anchorage had been increasing steadily. The previous peak (1969) in Anchorage's traffic inbound is easily identified and was due mainly to the decrease in imported petroleum needs in Alaska even though food and kindred products increased.

Other cities reflect peculiarities of either inbound or outbound shipments, usually reflecting the characteristics of its hinterlands or constraints of its port facilities. Ketchikan (Appendix table B-31) handles much of the bulk commodities, petroleum, and lumber products on both an inbound and outbound (transshipment) basis. Its import in 1973 of lumber products is definitely the most noticeable characteristic. This same shift is noticeable in the port of Wrangell (Appendix table B-34) and, to a lesser degree, in Petersburg (Appendix table B-35) and southeastern Alaska ports (Appendix table B-37).

Sitka (Appendix table B-36) ships a tremendous amount of pulp, paper, and allied products to Washington and has done so consistently over the years. In 1973, output significantly increased as the new pulp plant became operational. Juneau's (Appendix table B-38) trade profile is that of a stable economy with little fluctuation in its demands. Imports have been increasing steadily over the eight-year period, and little change has occurred in exports.

Skagway (Appendix table B-40) is a strong exporting port for metallic ores and nonmetallic minerals brought from the mines in the Yukon Territory by the White Pass and Yukon Route. These two commodities, plus a substantial movement of lumber and wood products, comprise Skagway's export profile. Skagway's port facilities and associated pipelines move a substantial amount of crude petroleum and petroleum and coal products into the interior of the Yukon Territory and northwestern Canada.

Shipments into the port of Prince William (Appendix Table B-42) are usually petroleum and coal products for the surrounding area. The same heavy traffic in petroleum shipments holds for Valdez (Appendix table B-43), although in earlier years it received a more varied assortment of commodities via water than it has more recently.

Seward (Appendix table B-44), the southern terminus of the Alaska railroad, had experienced a decrease in waterborne commerce until 1973 when inbound volume increased significantly. Three main commodities—petroleum, lumber and marine products—were the main inbound movements in 1973, and lumber continued as the dominant export movement.

Whittier (Appendix table B-48) continues to be a broad-based port in that it has moved a large quantity of almost all commodities for all years of this survey. The volume peak in 1973 was a steady continuation of the recovery after the peak of 1969. Particularly noticeable is the balance between industrial goods and consumer products.

The ports of southwestern Alaska (Alaska Peninsula and Aleutian Islands, ports nos. 93268 to 93520) reflect the needs of the fish production industry in the area as well as consumer goods for the area. Petroleum imports and coal are major inbound volume movements, but especially noticeable are the large petroleum outbound shipments from the Alaska Peninsula (South Side), the point from which the Cook Inlet oil and natural gas field production is moved into export.

Reported movements on the Yukon River (Appendix table B-58) have gone from almost zero in 1971 to almost 40,000 tons in 1973. This reflects the movement on the river due to oil exploration and pipeline construction in the North. The port of St. Michael (Appendix table B-59) has had an unstable movement pattern over the years. Since most movements are in the special category (commodity no. 41), it is difficult to be specific in establishing any trade profile for this port.

The two ports farthest north have different trade profiles. The trend in Nome (Appendix table B-60), has been that of a steady increase in inbound movements of a varied commodity composition. Bering Sea (Appendix table B-61), on the other hand, is identified closely with the oil development in Prudhoe Bay since major movements occurred in 1969 and 1973. In the nonpeak years, petroleum products were the major inbound items.

## CONCLUSION

This report has reviewed, for 1966-1973, the inbound and outbound trade between Alaska and Washington. The report emphasizes the commodity and port composition of such trade so as to establish a trade profile which could be used by policy makers concerned with present and potential trade between the states. Such a trade profile review generates implications for the future.

The volume moved between Alaska and Washington indicates how responsive demands for trade are relative to the level of economic activity in Alaska. This strongly suggests that, if the economic activity level in Alaska continues to surge, corresponding increases in demands for industrial and consumer goods will put pressure on the existing physical distribution systems. Further, the commodity and port composition of the trade profile was remarkably stable, even in the peak years of 1969 and 1973. This should allow relevant projection of future trade needs.

Consumer goods, both durable and nondurable, did not drop in volume as much as other goods when the pipeline was delayed from 1969 on. This suggests that population level is a major determinant of consumer goods movements even though economic activity in the state has slowed. Future softening of economic activity may well not be accompanied, at least in the short run, by decreases in demand for consumer-related goods.

Part of Seattle shipments to Alaska for 1973 and 1974 were also presented in this report. In 1974, a significant increase in volume moved occurred, but not in food products and related high value commodities. These products either decreased in volume or increased relatively less than other products. This could mean that these commodities were moving over to other modes of transportation, air or highway, as capacity decreased and waiting time and lags increased. The available data cannot provide precise answers but, if this is true, capacity problems and bottlenecks should be expected and guarded against in the future.

Finally, export movements to Washington are primarily in non-renewable resources, petroleum, petroleum products, and metallic ores. This can obviously be expected to increase in the near future. But, as the renewable resources such as fisheries, agriculture, forestry, and recreation grow in the future, much export activity to Washington and other areas will occur.

## REFERENCES

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4. Logsdon, Charles L., Kenneth L. Casavant, and Wayne C. Thomas, "Boom or Bust Economy—Past History for Alaska?" (abstract), *American Journal of Agricultural Economics*, 56(5):1205, December, 1974.
5. Port of Seattle Planning Department, *Seattle Harbor Waterborne Traffic with Alaska*, Seattle, Washington, 1975.

## APPENDIX A

Table A-1: Commodity Codes<sup>1</sup>

Code	Commodity
01	Farm Products
08	Forest Products
09	Fresh Fish and Other Marine Products
10	Metallic Ores
11	Coal
13	Crude Petroleum
14	Non-metallic Minerals, Except Fuels
19	Ordnance and Accessories
20	Food and Kindred Products
21	Tobacco Products
22	Basic Textiles
23	Apparel & Other Finished Textile Products, Inc. Knit
24	Lumber and Wood Products, Except Furniture
25	Furniture and Fixtures
26	Pulp, Paper, and Allied Products
27	Printed Matter
28	Chemicals and Allied Products
29	Coal and Petroleum Products
30	Rubber and Miscellaneous Plastics Products
32	Stone, Clay, Glass, and Concrete Products
33	Primary Metal Products
34	Fab. Metal Prod., Ex. Ord., Mach. & Trans. Equip.
35	Machinery, Except Electrical
36	Electrical Machinery, Equipment and Supplies
37	Transportation Equipment
38	Instruments, Photo. & Optical Goods, Watches & Clocks
39	Miscellaneous Products of Manufacturing
40	Waste and Scrap Materials
41	Special Items and Miscellaneous

<sup>1</sup>For a list of pertinent categories within each code, see Table 9.

Source: (1)

APPENDIX A (continued)

Table A-2: Port Codes

Code Number	Port
93005	Ketchikan
93009	Metlakatka
93022	Craig Harbor
93031	Wrangell
93036	Petersburg & Scow Bay
93045	Sitka
93052	Southeastern Alaska Ports
93055	Juneau
93057	Pelican
93065	Skagway
93127	Cordova Harbor & Shepherd Point
93128	Prince William
93130	Valdez
93152	Seward
93170	Seldovia
93171	Homer
93172	Anchorage
93175	Whittier
93177	Kodiak
93268	Iliuluit—Unalaska, Dutch Harbor
93450	Aleutian Island Ports
93460	Pribolof
93520	Alaska Peninsula (South Side)
93568	Naknek River
93572	Dillingham Harbor
93617	Bethel
93643	Yukon Ports
93650	St. Michael
93685	Nome
93710	Bering Sea

Source: (1)



## APPENDIX B

Table B-1

## Farm Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	1 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	860	69	820	32	902	667	312	61	0	1	5973	0	401	0	218	58
93009	50	0	49	0	41	0	63	0	29	0	29	0	18	13	0	0
93022	18	0	16	0	16	0	16	0	23	0	60	0	54	0	33	0
93031	223	1	227	55	55	0	0	0	237	0	56	0	81	0	69	0
93036	244	300	164	225	192	594	549	96	237	54	249	15	303	0	107	147
93045	755	0	493	0	598	0	927	0	441	0	683	0	668	0	198	0
93052	319	0	311	0	163	0	170	0	146	10	191	0	191	0	76	0
93055	1968	2	2060	1	2093	2	2339	0	1215	17	1813	0	2394	14	482	32
93057	29	0	24	4	35	0	24	0	29	26	23	0	23	0	31	0
93065	0	0	0	0	7	0	0	0	3	0	21	0	0	0	4	0
93127	207	0	181	0	124	0	168	0	31	0	0	0	0	0	0	0
93130	301	0	115	0	0	0	114	0	32	0	0	0	0	0	0	0
93152	5126	6	10319	9	11381	12	0	0	0	0	488	0	0	0	0	0
93170	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	1873	0	760	0	1228	0	5592	10	3559	46	2905	146	4425	19	6202	21
93175	2062	2	7841	576	5051	0	7079	0	10273	0	15597	0	16722	0	14104	0
93177	1130	19	831	15	723	147	807	0	753	0	66	21	180	0	675	0
93268	5	0	14	0	0	10	0	0	0	0	0	0	0	0	0	0
93450	11	0	42	0	34	0	85	0	16	0	0	0	0	0	0	0
93460	7	60	0	224	0	0	0	0	0	0	108	0	102	0	58	0
93502	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
93520	142	0	129	0	113	0	556	0	190	0	0	0	0	0	0	0
93568	98	0	131	0	74	0	184	0	68	0	0	0	51	0	0	0
93570	17	0	33	0	2	0	86	1	47	0	0	0	49	0	10	0
93572	107	0	4	0	63	0	93	0	64	0	0	0	24	0	13	0
93604	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
93617	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0
93650	48	0	0	0	32	0	14	0	3	0	0	0	0	0	0	0
93685	138	0	118	0	80	0	102	0	75	0	5	0	30	0	37	0
93710	0	0	0	0	0	0	26	0	0	0	0	0	0	0	3	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	0
TOTAL	15742	459	24726	1141	23007	1432	19306	168	17473	154	28267	182	25716	46	22421	258

Table B-2

## Forest Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	8 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93172	5	0	15	0	0	0	36	0	6	0	234	0	0	23	17	0
93175	33	0	40	0	0	0	0	0	0	0	91	0	105	0	162	0
93177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0
93520	0	0	0	0	0	0	0	0	0	0	0	0	323	0	0	0
TOTAL	38	0	55	0	0	0	36	0	6	0	325	0	428	23	196	0

Table B-3

## Fish Products, Inbound and Outbound by Alaskan Port 1966-1973, in tons

COMMODITY PORT #	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
93005	130	2712	490	2516	120	4674	150	3339	5	1403	80	1722	32	3398	4803	7457
93009	0	0	0	0	0	0	0	0	0	0	1	71	0	670	875	2211
93022	0	0	0	0	0	0	0	0	0	54	0	284	3	173	506	1044
93031	0	619	28	1272	56	540	0	0	183	0	3	131	4	159	0	1809
93036	54	2404	175	988	6	1803	126	3006	209	2321	118	3192	109	4739	6931	12220
93045	54	1006	27	908	40	855	82	1099	46	366	125	0	67	1481	948	769
93052	5	609	23	528	23	128	3	366	14	885	19	263	7	1031	2461	7208
95055	72	2669	69	1795	70	2361	58	2944	32	660	34	2306	38	2252	2626	2409
93057	338	1770	156	2838	22	0	234	1811	219	902	362	2084	291	1667	1649	2672
93065	0	0	0	0	0	0	0	0	0	0	0	0	57	0	0	0
93127	1	230	0	721	0	350	14	595	0	91	39	419	0	0	0	7051
93130	3	0	0	392	0	0	0	33	0	0	0	0	0	0	0	0
93152	8	1033	90	1137	54	1707	0	500	615	0	383	0	212	0	0	9691
93170	0	13	0	131	0	0	0	0	0	0	0	0	0	0	25	2939
93171	0	111	0	0	0	0	0	453	0	0	0	155	0	11	0	5252
93172	0	526	40	42	0	3483	30	3169	767	9973	932	3731	686	6176	3766	9308
93175	0	160	0	59	50	137	0	0	196	1122	107	42879	299	1870	1831	91
93176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	467
93177	1137	7464	1744	6469	1226	5983	1935	3203	585	3582	2397	3075	1961	2176	26	52924
93268	0	6	0	2045	0	1166	0	2136	0	2056	0	2677	0	2192	1665	11361
93450	8	241	61	820	82	560	142	563	34	145	0	816	0	511	549	3129
93460	0	0	0	932	0	864	0	0	0	0	0	0	0	0	0	0
93500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
93520	1085	3459	814	3992	549	1285	540	1297	374	1639	229	1726	178	1685	408	34836
93568	0	2	7	57	0	0	0	0	0	629	0	0	0	0	0	1377
93570	0	0	0	29	0	17	0	0	0	111	0	0	0	0	325	8876
93572	0	0	0	0	0	0	0	0	0	116	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	0	205	145	890
93651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93685	0	0	0	0	0	0	0	0	0	0	0	0	0	151	119	0
93710	0	0	0	0	0	0	544	0	0	137	0	0	0	0	767	20
Other	0	0	0	0	0	0	0	0	0	0	0	1586	0	0	510	5539
TOTAL	2895	25034	3724	27671	2298	25913	3858	24514	3279	26192	4829	67117	3944	30547	30935	192437

Table B-4

## Metallic Ores, Inbound and Outbound by Alaskan Port, 1966-1973, in tons

COMMODITY PORT #	10 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0
93036	0	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0
93045	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
93052	0	1	0	47	0	0	0	160	0	0	0	54000	7200	0	0	9605
93055	0	0	0	1	0	10	0	3	0	0	0	337	0	0	0	0
93065	0	22143	0	29430	0	35610	0	53046	0	585875	0	728329	0	861742	0	878116
93152	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	0	0	0	0	0	46	0	0	0	380	0	57	0	23	0	0
93175	0	0	0	0	52	0	0	0	52	334	126	0	0	0	80	0
93650	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
93685	0	56	0	53	0	24	0	0	0	1	0	0	0	2	0	106
93710	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
TOTAL	0	22221	0	29538	52	35694	0	53224	52	586590	130	782723	7200	861767	80	887827

Table B-5

Coal, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	11 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	27	0	18	0	1	0	0	0	0	0	0	0	0	0	0	0
93031	5	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0
93045	11	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
93052	42	0	21	0	13	0	6	0	6	0	1	0	0	0	0	0
93055	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
93127	5	0	10	0	9	4	6	0	0	0	0	0	0	0	11	0
93130	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93152	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
93172	0	0	0	0	0	0	0	0	0	0	0	0	114	0	6130	1783
93175	0	0	51	0	41	0	220	0	128	0	301	0	128	0	266	0
93177	2	0	2	0	1	0	2	0	1	0	0	0	0	0	1369	0
93268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0
93450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1430	0
93460	450	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0
93520	10	0	8	0	0	0	0	0	4	0	0	0	0	0	0	0
93568	18	0	15	0	14	0	15	0	0	0	0	0	0	0	0	0
93570	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
93572	6	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0
93617	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0
93650	37	0	0	0	27	0	25	0	0	0	0	0	0	0	0	0
93685	48	0	30	0	20	0	22	0	15	0	10	0	0	0	2	0
TOTAL	664	0	247	0	141	4	296	0	159	0	312	0	242	0	9224	1783

Table B-6

## Crude Petroleum, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	13 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93065	0	0	0	0	3062	0	20701	0	56474	0	99728	0	38838	0	82674	0
93172	0	0	0	0	0	0	0	0	239	0	2709	0	0	0	0	0
93175	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0
93520	0	1170201	0	2978965	0	8221551	0	9609779	0	9934766	0	9073098	0	8355960	0	7571806
TOTAL	0	1170201	0	2978965	3092	8221551	20701	9609779	56713	9934766	102437	9073098	38838	8355960	82674	7571806

Table B-7

## Non-Metallic Minerals (Except Fuels) Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	14 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	9502	0	13294	0	16169	0	23484	0	13798	52	12302	0	24106	0	171	0
93009	81	0	56	0	0	0	44	0	0	0	5	0	106	0	2100	0
93022	0	0	24	0	0	0	0	0	0	0	0	0	3	0	13	0
93031	117	0	95	0	5	0	0	0	19509	0	0	0	0	10314	0	0
93036	227	0	155	0	145	0	192	0	17	17115	195	4469	2571	0	23000	0
93045	1045	0	2020	0	11215	0	12663	0	15273	421	11758	0	17268	0	14722	0
93052	382	0	1532	0	309	96441	222	36159	420	58565	159	62167	273	93524	71	48882
93055	413	0	210	0	227	0	245	0	34	0	404	0	384	0	475	0
93057	66	0	50	0	56	0	55	0	74	0	0	0	11	0	46	0
93065	0	78203	0	86471	92	125193	0	134697	60	146052	0	163401	0	163374	0	4215
93127	536	0	292	0	131	0	139	0	45	0	0	0	131	0	406	0
93130	158	0	216	0	0	0	0	0	0	0	0	0	0	0	0	0
93152	364	0	425	0	534	0	507	0	0	0	0	0	0	808	0	0
93170	0	0	404	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	4794	0	10993	0	5368	0	9587	0	6288	0	6337	0	25386	6572	30015	0
93175	963	0	4808	0	5176	0	2471	0	1537	1113	1570	0	1668	0	2065	0
93177	594	0	290	0	709	1	262	1	267	0	182	0	346	0	224	0
93268	40	0	0	0	0	0	0	0	0	0	0	0	0	0	83	0
93450	7	0	1884	0	7001	0	5	0	1	0	0	0	0	0	47	47
93460	487	0	110	0	571	0	1784	0	2987	0	1191	0	238	0	0	0
93500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4060	0
93520	10846	0	4630	0	762	0	373	0	1194	6	0	0	326	0	2686	0
93568	683	0	304	0	86	0	42	0	409	0	43	0	225	0	238	0
93570	56	0	142	0	1457	0	64	0	18	0	36	0	75	0	1173	0
93572	198	0	9	0	164	0	24	0	269	0	0	0	106	0	180	0
93617	0	0	153	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	75	0	0	0	39	0
93650	212	0	0	0	108	0	207	0	30	0	28	0	0	0	0	0
93685	126	0	89	0	158	0	2	0	2	0	1	0	5	0	9	0
93710	0	0	0	0	189	0	22297	0	2481	0	37	0	2860	0	89	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8112	0
TOTAL	31897	78203	42185	86471	50632	221635	74669	170857	64713	223324	34323	230037	76088	274592	90024	53144



Table B-8 Ordinance and Accessories, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	19 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93152	0	0	0	0	506	0	0	0	0	0	0	0	0	0	0	0
93172	0	0	55	0	33	0	29	0	31	0	90	214	28	8	37	0
93175	16	0	16	0	1240	0	1373	0	581	388	192	80	508	654	0	0
TOTAL	16	0	71	0	1779	0	1402	0	612	388	282	294	536	662	37	0

Table B-9

## Food and Kindred Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN
93005	9423	11002	9428	988	10323	12007	6656	622	13	343	11753	789	9714	5249	11618	3975
93009	349	751	384	1445	438	2236	667	318	663	0	893	103	842	1621	1120	877
93022	142	0	170	0	212	0	178	0	250	0	530	0	570	350	700	21
93031	1528	775	1985	657	556	29	1	0	1734	0	1458	35	1621	46	2404	36
93036	1620	5908	1120	790	1321	2591	3356	1256	1778	852	2182	6036	2384	4570	3346	2991
93045	4371	225	4080	95	4468	63	4272	51	2771	117	5716	0	5833	10	10064	12
93052	2014	17040	2156	11107	2037	14248	1552	5065	1339	2255	2858	4056	1388	7420	1032	3234
93055	11742	1017	12607	661	12733	2775	11721	723	7133	191	15540	420	16079	120	15918	648
93056	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
93057	185	117	187	247	163	0	197	77	208	190	187	43	206	33	255	310
93065	14	0	3	0	3	78	0	0	0	0	0	0	1	0	190	0
93127	1480	9079	1262	5765	919	6085	1352	1763	369	140	28	735	144	124	1721	0
93128	0	969	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93130	428	0	453	964	0	0	152	0	17	0	0	0	0	0	0	0
93152	3610	2477	12504	1440	16734	4320	27	0	34	0	3520	40	0	0	0	0
93170	32	333	0	57	36	0	0	0	0	0	0	0	0	74	0	0
93171	0	1	0	0	0	0	0	203	0	0	0	80	0	100	0	0
93172	39853	1143	67877	2132	78502	8222	93703	5997	126783	32458	92933	18849	113070	29023	184908	50138
93175	30687	115	20953	1517	28933	111	31039	1588	35884	3170	60151	8674	87825	1802	60046	2861
93177	25466	7547	5156	6917	4439	6681	4830	4745	4881	2629	2252	5614	2189	4491	1716	13
93268	2	2302	100	1515	0	353	0	66	20	358	0	0	0	0	347	0
93450	4818	1582	285	1165	771	948	123	906	1928	584	0	0	0	0	21	75
93460	188	932	0	43	0	417	0	663	340	970	463	684	544	722	574	145
93520	3058	26702	601	9512	604	14996	1111	18178	757	20710	42	1701	112	5604	20888	3645
93568	649	6807	1052	2893	531	3976	294	10359	466	13541	178	190	724	89	519	514
93570	1933	3696	2660	142	2137	3867	2532	1975	2723	7680	2655	93	3516	0	637	759
93572	892	2466	464	1682	836	625	437	1245	939	5062	461	181	570	1509	1011	77
93617	0	0	1512	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	364	341	1340	0
93650	1468	529	0	942	1546	749	562	578	1421	265	1426	410	99	0	129	0
93685	1599	0	1413	0	1168	0	1445	1	2020	0	1679	0	2842	3	1269	13
93710	0	0	0	0	0	0	1116	0	1	44	0	0	501	0	1017	47
Other	0	0	0	0	0	0	0	0	0	0	0	3	7	0	4107	2455
TOTAL	147551	103515	148412	52676	169410	85377	167323	56379	194472	91559	206905	48736	251145	63301	332358	72846

Table B-10

## Tobacco Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	21															
	1966		1967		1968		1969		1970		1971		1972		1973	
PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	46	0	56	0	66	0	14	0	0	0	0	0	0	0	5	0
93031	2	0	2	0	3	0	0	0	4	0	0	0	0	0	2	0
93036	12	0	5	0	6	0	7	1	4	0	0	0	0	0	4	0
93045	26	0	30	0	22	0	24	0	12	0	0	0	0	0	10	0
93052	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
93055	83	0	85	0	83	0	79	0	44	0	0	0	0	0	30	0
93127	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0
93130	9	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
93152	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	390	0	110	0	1	0	0	0	12	0	60	0	423	0	478	0
93175	27	0	0	0	0	0	0	0	0	0	0	0	115	0	15	0
93177	136	0	32	1	27	0	79	0	26	0	0	0	0	0	0	0
93268	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
93450	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
93520	7	0	12	0	8	0	320	1	16	0	0	0	0	0	0	0
93568	13	0	17	0	9	0	42	0	2	0	0	0	0	0	0	0
93570	25	0	17	0	10	0	18	0	0	0	0	0	0	0	0	0
93572	7	0	2	1	5	0	32	0	0	0	0	0	0	0	0	0
93617	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
93650	6	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
93685	13	0	10	0	6	0	1	0	0	0	0	0	0	0	0	0
93710	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL	855	0	399	2	254	0	618	2	120	0	60	0	538	0	544	0

Table B-11

## Basic Textiles, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	22															
	1966		1967		1968		1969		1970		1971		1972		1973	
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
93005	44	2	254	0	46	0	13	14	0	0	1	0	15	0	4	0
93009	0	0	0	0	0	0	0	0	0	0	3	0	4	0	0	0
93031	5	0	15	0	5	0	0	0	5	0	0	0	0	0	0	0
93036	15	0	7	0	4	0	9	0	5	0	0	0	0	0	0	0
93045	15	0	16	1	12	2	6	2	8	0	0	0	0	0	1	0
93052	16	0	21	0	6	0	0	0	0	0	0	0	1	0	0	0
93055	27	4	84	1	62	14	24	1	10	0	0	0	0	0	0	0
93057	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
93127	74	10	54	5	13	22	29	2	8	0	0	0	0	0	0	0
93130	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
93152	10	0	253	0	184	27	0	0	0	0	0	0	20	0	0	0
93170	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	5790	0	54	0	27	0	311	0	745	14	1807	0	84	0	524	0
93175	106	0	81	0	21	0	35	0	57	0	279	0	400	0	217	0
93177	114	1	65	3	61	15	60	15	99	1	3	0	0	0	1	0
93268	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
93450	7	0	10	0	11	0	118	0	0	0	0	0	0	0	0	0
93520	36	1	30	3	10	2	1208	6	46	11	0	0	0	0	0	0
93568	546	20	71	1	12	7	79	11	12	28	0	0	0	0	0	0
93570	0	10	0	0	0	4	2	0	2	0	1	0	0	0	0	0
93572	185	0	0	0	22	25	48	0	1	14	0	0	0	0	0	0
93617	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
93650	4	0	0	0	3	0	4	0	2	0	2	0	0	0	0	0
93685	5	0	4	0	2	0	2	0	2	0	0	0	1	0	6	0
93710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL	7002	48	1030	14	501	118	1948	51	1002	68	2096	0	525	0	754	0

Table B-12

## Finished Textiles, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
93009	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
93036	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0
93065	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
93172	84	0	10	0	9	0	0	0	0	0	1562	18	138	10	14	0
93175	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
93177	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93450	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
TOTAL	90	0	10	0	13	0	0	0	12	0	1566	18	141	10	14	0

Table B-13

Lumber and Wood Products (except furniture), Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	24															
	1966		1967		1968		1969		1970		1971		1972		1973	
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
93005	4259	70514	19979	11491	9075	72604	2708	148756	32556	159470	2842	123269	4244	209840	1874588	309787
93009	65	0	608	20328	195	58300	233	36157	1132	105641	352	38045	709	122879	688	178785
93022	24	0	30	0	118	0	157	0	21	0	69	0	151	0	187	0
93031	695	157109	742	184269	971	265851	1	275325	545	338334	15559	335250	423	405156	462179	406192
93036	282	40	370	0	903	336	879	733	218	786	259	655	314	698	16821	898
93045	1102	1	1000	0	739	0	679	7	477	311	370	0	2291	1	515506	0
93052	694	1900	2075	70245	1058	54577	1130	78111	808	12402	354	12773	1080	108025	231887	78445
93053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2552	0
93055	3690	14841	2996	9393	3118	8648	3638	6727	3006	14525	5746	473	7571	0	3117	125
93057	94	0	49	0	18	0	48	0	28	0	77	0	65	0	80	0
93065	370	14686	255	24161	408	169279	2187	106425	140	201375	136	146768	87	58308	104	81175
93127	723	0	768	0	527	1	483	1	295	0	30	0	83	0	893	0
93128	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0
93130	906	0	532	0	37	0	1023	0	24	0	0	0	0	0	18	0
93152	2893	0	7166	696	6180	2149	325	3606	110	0	131	0	477	10335	16759	11433
93170	62	0	0	0	30	0	0	0	0	0	0	0	0	0	52	0
93171	349	0	0	0	0	0	17	2829	0	0	0	0	0	0	0	0
93172	4286	0	5313	0	6042	24	18577	18109	36026	16442	33108	33	48248	30	46014	0
93175	11250	0	13629	384	10390	20	15642	680	6363	950	43232	0	51036	149	34337	74
93177	5830	2820	2320	0	1188	0	1202	0	725	1	226	0	4422	21	1101	0
93268	11	0	2	0	0	0	0	0	0	0	0	0	258	0	35	0
93450	216	1	1844	61	2645	3	2202	1	12	1	0	0	666	0	15	0
93460	0	0	0	0	76	0	266	0	0	0	91	0	271	0	425	0
93520	2139	0	2061	0	1119	0	3672	27209	943	11346	187	25831	212	47248	188647	52139
93568	419	0	1549	0	598	3	434	0	412	0	282	0	509	0	19	0
93570	1019	0	1105	20	3005	5	3281	0	1790	0	4369	0	4037	0	403	9000
93572	331	0	49	0	296	0	248	0	689	2	942	0	1024	0	151	0
93617	0	0	3912	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	278	0	949	0
93650	570	0	0	0	559	0	535	0	4091	0	1577	0	21	0	34	0
93685	267	0	400	0	375	0	728	0	1726	0	1106	0	1248	0	1057	27
93710	0	0	0	0	3	0	11609	0	130	0	5	0	1192	0	2591	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1938	64
TOTAL	42546	261912	68754	321040	49673	631800	71904	704676	92267	861586	111050	683097	130941	962690	3403147	1128144

Table B-14

## Furniture and Fixtures, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	246	0	232	0	261	0	228	6	0	78	457	180	492	53	344	2
93009	0	0	0	0	14	0	7	5	15	33	101	74	95	10	59	0
93031	40	0	36	0	20	0	0	0	45	0	49	17	70	12	64	0
93036	49	0	24	0	58	0	67	0	37	6	46	10	43	2	44	0
93045	113	1	127	0	101	0	101	1	88	69	343	0	154	19	211	0
93052	14	0	29	0	19	0	21	0	9	0	15	0	7	0	57	0
93055	521	11	487	2	384	1	338	5	409	90	983	184	823	22	455	3
93065	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0
93127	34	0	21	0	27	0	28	0	13	4	0	0	0	0	0	0
93130	57	0	44	0	0	0	4	0	3	0	0	0	0	0	0	0
93152	215	0	401	3	276	0	6	0	3	0	266	463	0	0	0	0
93170	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93171	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	319	0	5835	0	5464	2761	7213	5174	8735	6702	6270	2895	6683	6364	8180	0
93175	809	2	492	12	587	0	616	0	691	14	2232	0	3296	0	432	0
93177	253	0	233	160	152	258	112	57	171	451	72	171	36	74	183	0
93268	0	0	5	0	0	0	0	0	0	0	0	0	0	0	6	0
93450	58	1	86	0	32	0	390	0	1835	2468	0	0	0	0	0	0
93460	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
93520	52	0	58	0	62	0	2407	0	744	2	0	0	0	0	0	0
93568	65	0	115	0	59	0	193	0	11	2	0	0	1	0	0	0
93570	361	1	299	0	324	0	134	0	43	15	65	8	105	0	3	0
93572	67	0	19	0	53	0	286	1	14	6	2	0	13	0	6	0
93617	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	15	8	5	0
93650	63	0	0	0	90	0	23	0	24	1	24	0	2	0	6	0
93685	451	1	111	0	112	0	85	0	39	4	206	1	47	0	54	3
93710	0	0	0	0	0	0	107	0	0	0	0	0	8	0	12	0
Other	0	0	0	0	0	0	0	0	0	0	0	124	0	0	50	0
TOTAL	3791	17	8694	177	8096	3020	12366	5249	12929	9945	11132	4130	11890	6556	10173	8

Table B-15

## Pulp and Paper, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
	93005	790	206179	450	24688	322	29972	1508	24396	0	175176	283	181148	296	16410	188
93009	61	0	45	0	0	0	0	0	0	0	0	2	0	30	0	0
93022	0	0	0	0	0	0	0	0	9	0	0	0	5	0	11	0
93031	22	0	31	0	45	0	0	0	42	0	0	0	1	0	0	0
93036	153	0	60	0	44	0	39	0	42	0	55	0	39	0	0	0
93045	134	176390	151	167415	47	176080	215	202667	759	187354	674	167312	24	198926	30	1147054
93052	326	0	232	0	206	0	161	0	547	0	54	0	234	0	106	4
93055	414	1	366	641	217	0	117	0	115	0	66	0	103	0	85	0
93057	4	0	58	0	66	0	73	0	15	0	56	0	49	0	107	0
93065	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
93127	234	0	138	0	174	0	171	0	15	0	0	0	6	0	156	0
93130	306	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0
93152	279	0	414	0	675	0	0	0	0	0	34	0	7	0	0	0
93170	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93171	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0
93172	3132	0	3293	0	5678	0	9251	0	3085	8	3200	0	6600	72	9798	46
93175	1586	0	858	52	1663	0	1161	130	1550	0	2532	0	2460	0	2927	0
93177	2302	0	694	0	431	0	178	0	145	0	87	0	242	22	29	26
93268	0	0	1	0	0	0	0	0	0	0	0	0	0	0	167	0
93450	56	0	26	0	864	1	16	0	2	0	0	0	0	0	59	0
93520	602	0	137	0	51	0	387	6	625	0	15	0	86	0	717	0
93568	1214	0	275	0	53	0	24	8	359	0	45	0	225	0	249	0
93570	3	0	35	0	103	0	2	0	4	0	0	0	51	0	215	0
93572	276	0	2	0	48	0	42	0	346	18	26	0	80	0	179	0
93617	0	0	84	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	75	0	0	0	0	0
93650	9	0	0	0	29	0	8	0	2	0	0	0	0	0	0	0
93685	6	0	9	0	15	0	0	0	18	0	13	0	1	0	54	0
93710	0	0	0	0	1	0	1	0	35	0	13	0	0	0	49	0
Other	0	0	0	0	0	0	0	0	0	0	0	12103	0	0	36	0
TOTAL	11918	382570	7424	192796	10732	206053	13354	227207	7715	362556	7228	360563	10527	215430	15192	1377364



Table B-16

## Printed Matter, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	0	0	7	0	12	0	11	0	5	0	0	0	1	0	0	0
93045	0	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0
93052	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93055	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
93172	104	0	190	0	312	0	281	65	1796	0	204	0	143	0	486	0
93175	0	0	36	0	51	0	21	0	30	0	305	0	160	0	35	0
93177	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
93520	6	0	6	0	0	0	0	1	0	1	0	0	0	0	0	0
93568	0	0	0	0	0	7	0	2	0	0	0	0	0	0	0	0
TOTAL	112	0	240	0	381	7	314	68	1832	1	510	0	305	0	521	0

Table B-17

## Chemicals, Inbound and Outbound by Alaskan Port, 1966-1973, in tons

COMMODITY	28															
	1966		1967		1968		1969		1970		1971		1972		1973	
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
93005	58229	76	48963	14	59116	69	61679	6	12811	85	62639	5	54574	0	12950	5
93009	8	0	35	0	10	0	17	0	30	0	238	0	887	0	278	0
93022	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0
93031	98	0	192	0	217	0	0	0	351	0	59	0	81	0	104	0
93036	208	0	267	0	352	0	248	0	170	1	1915	0	138	1	308	9
93045	33247	0	37261	0	54055	17117	52860	0	51796	157	51354	0	50821	2	39368	6
93052	1290	47661	1575	0	1717	0	2084	0	2152	0	2751	8	1287	26	3235	0
93055	552	176	481	0	498	0	426	1	140	0	547	4	644	0	703	62
93057	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
93065	17	0	51	0	2	0	0	0	3	0	4	0	0	0	22	0
93127	56	1	67	0	47	0	24	0	47	0	0	0	0	0	149	0
93130	61	0	21	0	0	0	3	0	4	0	0	0	0	0	4	0
93152	360	0	521	0	829	2	0	0	0	0	35	0	0	0	0	0
93171	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	10366	18	7055	50	5708	33	14745	50	17007	8753	12337	142	14230	22	20150	40975
93175	3138	121	3105	384	5909	108	7568	0	5080	511	21239	1340	14689	125	12994	50
93177	1742	0	127	3	161	0	127	1	271	0	30	0	89	0	1156	0
93268	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93450	40	0	299	0	830	0	2	0	279	0	0	0	0	0	0	0
93460	29	0	0	0	40	0	67	0	21	0	0	0	21	0	0	0
93520	650	0	4195	466	205	6131	276	8710	557	162410	0	189854	6033	437018	7792	764304
93568	0	0	1	0	0	0	323	0	402	0	283	0	4	0	0	0
93570	1	0	2	0	96	0	26	0	56	0	343	0	63	0	434	0
93572	0	0	0	0	0	0	0	0	14	0	13	0	1	0	2	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	3	0	299	0
93650	1	0	0	0	0	0	0	0	392	0	161	0	0	0	1	0
93685	0	0	0	0	1	0	0	0	88	0	201	0	46	0	168	0
93710	0	0	0	0	0	0	629	0	0	0	0	0	1	0	87	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	2	0	91	0
TOTAL	110510	48053	104242	917	129793	23460	141104	8768	91692	171917	154149	191353	143612	437194	100295	805411

Table B-18

## Petroleum and Coal Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	145929	151	150600	222	163375	69	157497	2	115913	1229	135641	34930	144139	43224	161109	35196
93009	1691	0	1098	0	1074	0	1445	0	944	0	475	0	288	0	3629	0
93022	16	0	17	0	15	0	9	0	15	0	142	0	2	0	3742	0
93031	1506	2	448	0	238	0	6	0	605	0	1943	0	1700	0	11803	0
93036	485	0	326	312	550	0	1063	0	605	0	940	2	2393	0	15760	1
93045	47286	0	62045	0	47248	0	63851	1	41437	0	49877	0	76360	0	74348	1
93052	184127	0	41927	0	8644	0	113017	15	13809	0	74546	0	11625	36	83851	0
93055	7265	202	2537	0	7060	1	13758	22	2783	0	20566	7	37669	0	90407	2
93057	6	0	5	0	4	0	4	0	6	0	13	0	11	0	1652	0
93065	98066	0	117694	0	164050	0	206949	2620	200694	2613	177717	0	199317	0	217572	0
93127	488	0	12194	6	8410	0	6482	0	8896	0	34521	0	9165	0	18609	0
93128	0	0	0	0	0	0	1791	0	984	0	1168	0	54	0	1780	0
93130	42423	0	44082	9246	36590	286	82258	157	60242	0	41499	516	41489	932	165774	2759
93152	6278	0	2666	0	4003	15	0	0	2	0	669	0	0	0	12555	0
93170	659	0	17498	0	0	0	60	0	0	0	0	0	0	0	6180	0
93171	0	0	0	0	0	0	0	0	0	0	36281	0	2039	0	32540	0
93172	501810	0	753225	0	730271	0	1084755	0	862769	0	859832	583	866265	118	1277704	244974
93175	12545	0	12176	0	2275	0	112322	0	10140	59977	53003	64127	89932	31409	113385	0
93177	42322	0	17571	0	15924	0	40840	4	31518	0	47918	20	63177	0	86775	0
93268	81339	0	108344	0	90595	3	140218	0	114210	1426	62647	1333	71768	0	124430	0
93450	4679	0	9106	0	18312	0	74483	0	23550	0	44299	0	25988	0	23182	0
93460	23	0	50	0	10	0	126	0	46	0	1127	0	1279	0	1940	10
93520	12595	531102	67835	501152	23715	491085	46286	729230	65189	1660823	138514	2004086	107119	2052001	80198	1989062
93568	598	0	2591	0	440	0	3335	0	8006	64097	6890	0	851	0	314	0
93570	600	0	1144	0	1644	0	6550	0	5532	0	5659	0	2880	0	21013	0
93572	258	0	1020	0	279	0	376	0	260	0	115	0	509	0	387	0
93617	0	0	8122	0	0	0	0	0	0	0	0	0	1834	0	902	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	50	0	31070	0
93650	993	0	0	0	801	0	408	0	26419	0	6614	0	604	0	8829	0
93685	10360	13	2976	0	3067	0	14653	0	9778	0	15036	0	21083	0	22302	0
93710	4652	0	11212	0	2310	0	42857	0	11792	0	14686	0	23943	0	31932	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	1	2567	0	8077	0
TOTAL	1208999	531470	1448509	510938	1330904	491459	2215399	732051	1616144	1790165	1832338	2105605	1806100	2127720	2740060	2272005

Table B-19

## Rubber and Plastic Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	30 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	136	7	0	1	91	5	90	14	88	1	183	21	145	5	300	84
93009	0	0	0	0	0	0	6	2	4	0	17	0	10	2	28	4
93031	15	1	0	0	2	0	0	0	16	0	11	2	7	4	11	1
93036	19	1	0	0	5	0	22	2	10	6	4	4	14	0	9	2
93045	47	2	14	0	41	1	53	1	43	3	59	0	22	1	34	2
93052	44	1	14	0	13	0	25	0	6	0	25	0	5	0	1	0
93055	113	0	0	0	70	5	83	7	40	8	91	15	65	0	65	3
93065	0	0	0	0	0	0	0	0	0	0	4	0	2	0	0	0
93127	15	0	0	0	6	0	8	0	2	0	0	0	17	0	0	0
93130	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93152	155	26	138	11	283	16	0	0	0	0	0	0	0	0	0	0
93172	878	7	1351	0	3928	20	5890	6	2904	39	1937	48	2039	8	2290	17
93175	235	38	255	0	243	8	109	40	72	0	519	26	1159	0	447	0
93177	178	2	2	0	12	1	15	0	8	0	0	0	0	0	20	0
93450	1	1	20	6	64	0	4	0	0	0	0	0	0	0	0	0
93520	4	0	0	0	1	0	8	0	4	0	0	0	0	23	0	0
93568	5	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
93570	7	0	0	0	1	0	637	0	3	0	0	0	22	0	0	0
93572	0	0	0	0	2	0	2	0	1	0	0	0	11	0	0	0
93650	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
93685	14	1	0	0	3	0	6	0	3	0	5	0	11	0	4	0
93710	0	0	0	0	0	0	15	0	0	0	0	0	1	0	8	0
TOTAL	1874	87	1794	18	4767	56	6974	72	3205	57	2855	116	3530	43	3217	113

Table B-20

## Leather and Leather Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	31 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93045	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0
93055	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
93172	0	1	0	0	5	0	3	0	66	0	585	0	79	0	11	0
93175	0	0	0	0	12	0	0	0	0	0	10	0	0	0	0	0
TOTAL	0	1	0	0	17	0	4	0	73	0	595	0	79	0	11	0

Table B-21

## Stone, Clay, Glass and Concrete Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973		
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005		3022	0	2147	1	2008	2	3467	1	3009	1	3204	26	8593	0	4295	41
93009		3	0	173	0	103	0	149	0	244	0	331	5	183	0	355	0
93022		0	0	136	0	51	0	5	0	1	0	6	0	7	0	25	0
93031		425	0	293	0	195	0	0	0	309	0	232	0	823	0	637	0
93036		136	0	208	0	552	0	499	3	117	0	624	0	878	0	926	0
93045		517	3	3360	0	1339	0	177	1	323	0	785	0	1048	0	1466	5
93052		842	0	419	0	756	0	452	0	496	0	1081	0	1035	0	2263	8
93055		3296	3	3852	0	4219	1	4589	0	3176	0	8797	158	15292	0	15646	4
93057		0	0	0	0	0	0	0	0	0	0	16	0	2	0	52	0
93065		115	0	833	0	117	0	72	0	0	0	1	0	1659	0	11	0
93127		263	0	282	0	198	0	374	0	312	0	0	0	0	0	423	0
93128		0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0
93130		469	0	240	0	0	0	132	0	0	0	0	0	0	0	0	0
93152		1715	0	4107	5	4072	0	3	0	72	0	82	0	245	0	0	0
93170		148	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0
93171		0	0	0	0	0	0	8	0	0	0	325	0	2947	0	0	0
93172		52709	0	18121	22	63460	0	74452	72	78246	533	70721	109	61436	8	101683	92
93175		4534	0	6132	529	14210	78	9029	0	12229	162	22333	0	6157	54	17794	0
93177		7653	0	651	3	816	5	279	30	34	0	56	0	17443	0	2160	0
93268		21	0	1	0	0	0	0	0	0	0	0	0	19	0	0	0
93450		18	104	1992	7	6933	3	696	55	31	0	0	0	0	0	22	0
93460		249	0	0	0	150	0	196	0	50	0	26	0	235	9	97	0
93520		1885	0	86	0	32265	1788	22036	1319	4909	0	129	0	59	0	748	0
93568		62	0	133	0	197	0	95	0	22	0	50	0	200	0	6	0
93570		277	0	341	0	1280	0	101	0	114	0	1128	0	447	0	294	0
93572		102	0	31	0	126	0	76	0	192	0	191	0	162	0	7	0
93617		0	0	140	0	0	0	0	0	0	0	0	0	65	0	0	0
93643		0	0	0	0	0	0	0	0	0	0	0	0	135	0	473	0
93650		224	0	0	0	151	0	1	0	388	0	341	0	14	0	16	0
93682		0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0
93685		121	0	240	0	287	0	481	0	488	0	822	0	275	0	58	2
93710		0	0	0	0	0	0	12999	0	0	0	0	0	973	0	157	0
Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0	917	0
TOTAL		78806	110	43918	567	133575	1877	130368	1481	104762	696	111281	298	120365	71	150551	152

Table B-22

## Primary Metal Products, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN
93005	1352	0	2064	143	2308	2	2616	5	38390	4	1105	2	2366	0	394	0
93009	15	0	54	0	39	0	52	0	59	0	84	0	123	0	21	2
93022	0	0	357	0	0	0	0	0	0	0	0	0	0	0	0	0
93031	100	0	411	0	223	140	7	0	206	0	4084	0	78	0	0	0
93036	43	0	130	0	188	1	499	1	147	2	4	0	0	0	208	0
93045	251	4	1345	0	3694	0	405	39	1893	159	1274	0	446	0	177	0
93052	65	0	497	0	562	0	232	0	184	0	507	0	296	0	1366	0
93055	874	1	964	0	1086	4	1333	8	712	1	2766	0	2053	0	1112	0
93065	0	0	20	0	972	300	1461	0	1409	0	2319	0	106	0	16	0
93127	21	0	148	0	271	1	152	2	46	5	6	0	0	0	35	0
93128	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0
93130	337	0	283	0	0	0	13954	0	236336	0	60974	516	0	0	265	0
93152	560	0	4772	432	4284	32	24318	0	8549	15	44412	0	5	0	0	0
93170	0	0	1099	0	31	0	0	0	0	0	0	0	0	0	0	0
93171	10	0	0	0	178	0	22	0	0	0	0	0	0	0	0	0
93172	13628	859	9199	395	10288	35	55016	71	18875	374	17893	469	17954	37	20061	439
93175	13798	74	19759	190	26289	194	15220	183	5680	1048	19585	310	14163	728	25389	0
93177	1944	15	901	7	805	9	399	2	569	3	575	0	728	0	1110	0
93268	1734	0	0	0	0	0	0	0	0	0	5584	0	115	0	0	0
93450	3	0	4183	0	5974	0	1974	0	0	0	0	0	431	0	15	300
93460	0	0	0	0	59	0	10	0	0	0	0	0	0	0	0	0
93520	3838	0	6714	0	3036	0	3208	1	3055	0	9	0	22585	0	56	0
93568	6	0	9	0	7	0	0	0	67	0	1	0	26	0	1	0
93570	1	0	1	0	910	0	216	0	218	0	97	0	45	0	0	0
93572	15	0	3	0	2	0	3	0	50	0	10	0	13	0	38	0
93617	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
93650	1	0	0	0	688	0	0	0	76245	0	74	0	0	0	0	0
93685	17	0	9	0	22	0	2	0	344	3	191	0	119	0	156	17
93710	0	0	0	0	0	0	2678	0	4812	0	642	0	4435	55	5518	0
Other	0	0	0	0	0	0	0	0	0	0	0	246	0	0	382	0
TOTAL	38613	953	52937	1167	61916	718	123777	312	397846	1614	162196	1543	66127	820	56331	758

Table B-23

Fabricated Metal Products (Except Ordnance, Machinery and Transportation Equipment) Inbound and Outbound by Alaskan Port,  
1966-1973 in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
93005	2733	224	1301	375	1265	249	705	309	1337	439	2611	667	4849	1732	3009	850
93009	393	0	450	0	216	0	287	45	106	9	446	88	564	126	509	151
93022	0	4	11	13	0	6	0	3	0	6	0	6	2	4	33	2
93031	279	21	107	40	10	16	17	0	627	0	280	2	603	244	532	37
93036	588	36	137	31	803	9	168	82	254	98	575	3	898	76	1456	49
93045	501	64	370	60	387	80	822	78	729	52	2026	0	1243	97	4305	113
93052	2750	87	2571	21	2305	20	1009	72	1599	16	1031	302	1256	35	4652	36
93055	855	291	188	145	343	145	604	225	410	71	2096	59	4547	281	1550	208
93056	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
93057	0	1	5	6	42	0	29	3	48	3	12	6	25	4	64	6
93065	13	49	0	0	48	0	1542	0	18	0	203	17	5	0	110	64
93127	1586	76	482	85	747	65	460	488	48	27	34	0	0	0	1709	0
93130	234	0	153	1	0	0	143	0	915	0	0	0	0	0	449	0
93152	3231	8	439	3	1233	34	6	0	5	0	97	51	195	12	0	0
93170	237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93171	4	0	81	0	2058	0	31	0	0	0	8	0	0	0	0	0
93172	3723	379	6773	152	9807	225	7202	0	17435	118	13307	829	11861	1031	13545	424
93175	3763	0	3916	59	3145	69	2321	45	1984	22	13208	298	13762	15	8967	208
93177	2293	194	1337	319	739	243	1115	164	1467	84	1264	0	1111	884	10	0
93268	280	0	433	0	391	0	0	0	0	0	0	0	0	0	0	0
93450	111	32	33	132	2962	315	26	66	1243	0	0	0	4	0	0	0
93460	0	0	0	49	30	47	0	79	0	65	51	37	0	60	0	46
93520	9826	181	6029	24	4527	35	5314	91	5034	47	355	0	6117	24	2356	0
93568	6289	25	896	73	253	96	1931	98	2508	22	431	87	898	0	439	0
93570	37	100	44	53	957	95	212	131	71	36	181	7	823	6	617	0
93572	1635	49	1	12	266	49	134	29	1478	22	15	10	535	51	476	0
93617	0	0	97	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	132	0	154	0
93650	89	5	0	102	206	93	176	7	12	27	83	43	29	0	4	9
93685	5	377	4	367	2	356	11	472	111	85	180	0	316	27	330	48
93710	0	0	0	0	0	0	16867	81	0	0	0	0	449	98	5586	8
Other	0	0	0	0	0	0	0	0	0	0	0	37	0	0	263	46
TOTAL	41455	2203	25858	2122	32743	2247	41132	2568	37439	1249	38494	2549	50224	4807	51131	2305



Table B-24

## Machinery, Except Electrical, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	878	204	1325	206	1908	180	1195	962	1486	390	1178	500	2012	2081	4296	1835
93009	274	0	1126	2	153	2	335	15	427	12	313	164	116	21	470	16
93022	0	0	53	0	3	0	3	0	0	0	0	0	0	0	0	0
93031	75	4	173	27	755	0	45	0	755	0	32	49	58	45	39	24
93036	49	2	219	17	981	207	757	799	715	52	196	212	430	45	635	252
93045	1945	32	493	515	475	5	2328	105	392	165	438	0	290	47	688	67
93052	167	30	946	45	865	120	622	772	632	1323	770	276	753	1296	4054	15
93055	516	195	1033	93	847	275	414	811	384	57	1072	1385	3733	293	1413	637
93057	0	0	17	0	0	0	4	2	3	0	12	0	15	3	32	0
93065	0	267	0	0	528	0	384	280	121	0	2	0	85	0	22	12
93127	58	41	236	65	78	63	0	2	117	4	111	0	0	0	176	0
93128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	0
93130	22	2	13	34	0	0	113	5	0	0	0	0	0	0	115	0
93152	277	57	926	616	1029	178	123	0	641	0	363	55	277	720	0	0
93170	0	2	0	0	90	0	0	0	0	0	0	0	0	0	0	0
93171	0	0	30	2000	0	0	0	0	0	0	0	0	0	0	710	0
93172	2290	1621	4053	1816	2098	980	4208	412	5914	704	6192	647	5573	1374	5019	214
93175	3438	725	2761	858	4073	678	3205	1078	5344	1612	7505	911	9408	591	7581	140
93177	465	1057	178	215	159	1072	361	57	37	52	79	4	43	195	459	0
93268	100	0	0	0	82	0	9	0	89	0	0	0	0	0	0	0
93450	208	95	4080	736	2886	194	855	888	4	561	0	0	1451	1084	118	0
93460	233	0	14	0	0	0	164	0	0	0	0	0	9	2	29	36
93520	6218	188	18248	5	12058	40	2082	35	114	247	0	0	22	2785	9334	0
93568	226	22	351	31	74	77	163	105	8	52	47	0	50	0	0	0
93570	90	0	177	0	815	17	236	27	115	140	133	2	2267	0	1156	0
93572	36	87	5	2	40	18	172	20	10	19	0	0	25	0	381	0
93617	0	0	2502	0	0	0	0	0	0	0	0	0	600	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	60	0	394	61
93650	156	5	0	2	66	2	17	1	2021	0	147	0	0	0	0	0
93685	733	360	324	19	375	218	390	64	251	22	123	0	159	0	246	21
93710	0	0	0	0	0	0	2387	119	3488	0	2600	0	85	0	3546	0
Other	0	0	0	0	0	0	0	0	0	0	0	102	0	0	816	26
TOTAL	18454	4996	39283	7305	30438	4326	20572	6559	23168	5512	21313	4307	27521	10582	41854	3356

Table B-25

## Electrical Machinery, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	36 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	184	17	358	7	257	12	143	8	122	1	138	1	237	41	211	2
93009	19	0	6	0	0	0	3	0	25	1	18	2	24	1	6	0
93022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
93031	29	1	41	1	15	0	0	0	24	0	13	3	14	8	15	2
93036	39	0	32	3	8	0	32	0	9	2	28	1	26	0	33	3
93045	77	1	118	0	60	0	48	0	61	2	118	0	100	1	163	2
93052	243	0	79	6	30	1	19	1	1	0	5	0	548	0	58	0
93055	168	111	321	11	291	10	263	2	112	6	171	1	192	351	189	4
93065	0	0	0	0	0	0	426	0	0	0	0	0	0	0	2	0
93127	20	0	33	0	18	0	23	0	6	0	0	0	0	0	0	0
93128	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
93130	27	0	12	1	0	0	0	0	3	0	0	0	0	0	0	0
93152	202	0	228	0	192	0	0	0	13	0	1	0	5	0	0	0
93171	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
93172	250	0	341	0	581	255	812	52	2727	0	2070	37	1451	23	2083	0
93175	911	3	826	18	704	18	268	39	382	80	1466	106	1646	10	1262	0
93177	123	0	64	0	176	2	47	0	19	0	0	0	0	0	19	0
93268	0	0	1	0	0	0	0	0	0	0	0	0	0	0	11	0
93450	89	0	74	6	202	0	10	1	1	0	0	0	0	0	0	47
93460	0	0	0	0	0	0	0	0	15	0	0	0	4	0	0	0
93520	6	0	27	0	8	0	7	9	2	0	8	0	0	0	17	0
93568	7	0	12	0	5	0	1	0	4	0	0	0	0	0	0	0
93570	114	0	135	0	203	0	4	0	5	0	92	0	62	0	0	0
93572	9	0	3	0	5	0	3	0	9	0	0	0	2	0	2	0
93617	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	7	0	15	0
93650	21	0	0	0	26	0	9	0	29	0	38	0	2	0	4	0
93685	21	3	15	3	15	0	16	0	25	0	24	0	23	0	10	1
93710	0	0	0	0	0	0	124	0	0	0	0	0	5	0	32	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	0
TOTAL	2559	136	2749	56	2796	298	2258	112	3594	92	4190	151	4349	435	4181	61

Table B-26

## Transportation Equipment, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY PORT #	37 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	806	76	1342	106	1324	80	1114	88	845	162	1079	97	1308	806	1639	1063
93009	73	1	40	0	56	0	108	36	205	22	189	77	186	52	389	119
93022	0	0	26	0	0	0	4	0	0	0	8	0	8	0	11	0
93031	34	1	51	7	201	0	8	320	244	0	84	2	90	24	155	7
93036	37	2	39	0	79	4	141	65	228	6	131	6	166	13	309	31
93045	249	9	174	9	650	186	640	110	965	196	960	0	1230	251	1889	578
93052	69	5	653	2	148	0	191	15	121	3	92	160	368	25	413	14
93055	838	82	952	64	1021	82	924	67	1309	28	3220	102	3948	113	2243	126
93057	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
93065	245	0	0	29	65	0	338	0	3	0	134	0	78	1	202	0
93127	75	48	100	21	50	8	115	13	26	0	222	0	6	0	68	0
93128	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0
93130	229	5	163	6	0	0	26	0	25	25	0	0	0	0	280	0
93152	1815	224	5551	1007	5514	426	567	4000	2436	2026	2371	78	1592	90	5	0
93170	0	20	41	0	0	0	0	0	0	0	0	0	0	0	0	0
93171	10	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0
93172	8903	2062	13791	2471	15318	3631	20831	4315	22529	818	22933	592	22738	1283	22697	1428
93175	3973	131	735	291	858	320	3466	189	2027	149	14641	0	13679	2	12775	0
93177	4770	49	924	85	656	88	583	78	939	2078	374	24	467	117	943	0
93268	515	0	17	0	0	0	23	0	0	0	0	0	51	0	12	0
93450	206	8	1735	130	1101	36	498	200	3895	1584	0	0	186	35	119	65
93460	55	0	43	0	84	0	10	0	16	0	16	0	39	5	43	0
93520	437	8	1060	84	629	0	2799	102	3473	679	62	0	48	50	546	0
93568	620	29	507	10	119	0	303	5	300	0	427	0	241	0	0	0
93570	128	0	909	19	419	0	378	3	439	0	345	215	289	0	7	0
93572	199	2	6	25	104	21	149	4	37	9	42	0	61	0	65	0
93617	0	0	18	0	0	0	0	0	0	0	0	0	15	0	0	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	70	0	158	0
93650	194	0	0	0	47	0	16	0	92	0	70	0	1	0	13	0
93685	134	3	194	0	153	15	149	1	242	0	145	0	282	0	228	40
93710	0	0	0	0	0	0	817	9	0	0	0	0	10	0	624	0
OTHER	0	0	0	0	0	0	0	0	0	0	189	0	0	0	334	0
TOTAL	24614	2765	29071	4366	28624	4897	34198	9620	40396	7785	47545	1542	47162	2867	46167	3471

Table B-27 Instruments, Photographic and Optical Goods, Watches and Clocks, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	10	14	15	7	15	14	8	6	4	4	5	6	5	2	1	0
93009	0	0	0	0	0	0	3	3	1	0	3	2	4	2	2	1
93031	7	6	6	9	1	0	0	0	5	0	7	7	8	7	6	4
93036	1	0	0	0	1	1	6	9	5	10	7	9	6	2	5	0
93045	2	0	1	0	1	0	2	2	0	0	0	0	0	2	0	3
93052	0	5	0	5	0	2	0	0	0	0	0	0	0	0	0	0
93055	6	3	1	3	1	7	0	3	0	6	2	6	0	1	0	0
93172	0	0	0	0	7	0	64	0	44	0	75	0	7	0	63	0
93177	2	5	0	2	0	0	0	3	0	3	0	0	0	0	0	0
93450	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93520	0	0	0	0	0	0	0	0	0	0	0	441	0	0	0	0
93568	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93570	0	0	0	0	0	0	3	0	0	0	0	0	17	0	0	0
93685	0	0	0	0	0	0	0	0	7	8	0	0	0	0	1	3
Other	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8	0
TOTAL	31	33	23	26	26	24	86	26	66	31	99	472	47	16	86	11

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Table B-28

## Miscellaneous Products of Manufacturing, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

Commodity	39															
	1966		1967		1968		1969		1970		1971		1972		1973	
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
93005	1470	0	83	0	25	0	0	0	0	18	0	523	122	691	176	
93009	165	0	0	0	0	0	0	0	1	0	5	113	62	245	121	
93031	12	0	3	0	11	0	0	0	1	0	0	10	13	22	14	
93036	0	0	0	0	0	0	0	0	0	0	0	28	19	50	14	
93045	65	2	6	0	12	0	0	0	0	0	0	70	101	176	149	
93052	0	0	2	0	39	0	1	0	0	0	0	0	0	10	0	
93055	479	0	14	1	7	0	0	0	0	10	0	411	76	596	82	
93127	2	0	0	0	0	0	0	1	0	0	0	8	0	209	0	
93170	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
93172	10427	1362	1311	49	495	165	9547	946	28824	3410	22748	2259	35165	1784	39697	1248
93175	520	0	98	58	18	0	18	0	86	0	52	0	289	0	1591	0
93177	2137	228	88	0	4	0	49	0	2	0	247	10	1453	509	3504	0
93450	1	0	132	0	80	0	192	1	0	0	0	0	0	60	569	
93520	0	0	1	4	2	2	24	1	0	0	0	0	0	21	0	
93568	1	0	0	0	3	0	6	0	0	0	0	0	0	0	0	
93570	0	0	3	0	2	0	5	0	0	0	0	10	3	0	0	
93572	2	0	1	0	5	0	14	0	0	0	0	0	0	0	0	
93617	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
93643	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	
93650	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	
93685	9	0	2	0	3	2	5	0	0	0	0	0	0	4	0	
93710	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	15301	1592	1753	112	710	169	9865	949	28914	3410	23080	2269	38082	2690	46877	2374

Table B-29

## Waste and Scrap Materials, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973		
	PORT #	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
93005		0	42	0	669	0	86	0	274	0	79	0	135	0	1104	6	18
93009		0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	1
93031		0	60	0	2	0	6	0	0	0	0	0	0	0	0	0	1
93036		0	5	0	1	0	0	0	11	0	10	0	0	0	2	0	46
93045		0	19	0	14	0	47	0	388	0	244	0	0	0	11	1	24
93052		0	-6	0	250	10	0	0	0	0	0	0	0	0	0	0	1
93055		0	120	0	1064	0	26	0	28	0	33	0	588	0	97	0	28
93065		0	0	0	150	0	0	0	0	0	5	0	629	0	762	0	4
93127		0	35	0	29	0	29	0	20	0	1	0	0	0	0	0	0
93130		0	2	0	0	0	0	0	5	0	0	0	0	0	0	0	0
93152		0	36	0	51	0	305	0	0	0	0	37	0	8676	0	0	0
93172		1	81	178	1782	190	728	43	830	45	1306	852	1182	9	1551	563	5349
93175		0	833	0	1713	0	1525	0	2752	0	5006	0	526	0	1852	40	7997
93177		0	64	0	232	0	64	0	38	0	34	0	0	0	39	0	0
93268		0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0
93450		0	47	0	0	107	20	0	0	0	20	0	0	0	0	0	0
93520		0	9	0	394	0	0	0	0	0	0	0	0	0	0	1312	0
93568		0	25	0	7	0	2	0	3	0	4	0	0	0	0	0	0
93570		0	5	0	0	0	1	0	2	0	2	0	0	0	4	0	0
93572		0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
93650		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93685		0	28	0	14	0	15	0	12	0	6	0	0	0	3	0	0
93710		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Other		0	0	0	0	0	0	0	0	0	0	146	0	0	0	0	0
TOTAL		1	1420	178	6373	307	2854	43	4450	45	6752	852	3245	9	14103	1922	13469

Table B-30

## Special Items and Miscellaneous, Inbound and Outbound by Alaskan Port, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
93005	4638	519	5750	691	6641	750	4581	498	4543	509	4755	816	5563	1450	10216	588
93009	22	0	473	0	58	0	292	32	375	84	324	25	496	23	476	68
93022	38	0	49	0	54	1	47	1	81	2	308	14	205	33	497	5
93031	633	43	579	77	155	9	21	0	1061	0	353	57	519	10	2194	17
93036	401	44	391	17	767	46	1189	106	1058	50	704	138	1088	53	3157	45
93045	2270	238	2206	540	3654	1487	3194	569	2883	253	3412	0	9133	936	12842	930
93052	1081	56	1858	54	1044	456	952	107	777	18	1674	36	1416	40	3528	45
93055	4431	776	4493	590	4495	489	4640	283	2065	68	4781	339	7612	172	14907	449
93057	59	9	72	3	70	0	111	37	122	11	111	17	134	12	94	17
93065	37783	0	43538	0	59994	2199	48997	1085	54885	1128	55173	59684	41932	4203	70617	1
93127	601	102	619	81	532	36	430	90	175	3	72	8	97	23	943	0
93128	11	0	2	0	1	0	80	0	66	0	18	0	0	0	125	0
93130	1055	12	417	10	0	0	76	0	23	2	277	0	0	0	56	0
93152	8968	502	23884	1406	29045	1948	15	1	1185	0	2539	0	742	0	530	274
93170	718	0	726	0	194	0	179	0	0	0	0	19	5	0	702	0
93171	1	0	42	0	0	0	20	0	0	0	0	0	0	0	14551	0
93172	85715	14832	108916	11775	91305	9361	88035	6722	111932	21805	87838	12419	89941	14407	92485	19420
93175	10786	863	140223	8694	147367	8299	223805	22318	67731	0	77245	14234	116463	7034	203857	7916
93177	32027	3215	18661	4325	12022	6125	1895	308	1609	595	3078	587	2447	611	12438	3
93268	1022	2	1622	1	917	5	1717	267	1002	146	1121	148	1512	48	1058	48
93401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	700	0
93450	25805	7699	34604	6570	28127	6002	15775	709	7099	1079	3290	1	1435	842	256	311
93460	1547	61	1496	66	2934	59	1837	27	1875	41	1037	7	775	85	947	22
93520	20755	3009	16133	98	12174	23	21136	505	6883	412	3387	134	3478	341	21670	81
93568	700	70	1308	19	895	49	1496	78	342	16	845	0	300	0	785	0
93570	2569	66	1942	38	2507	35	2456	45	2533	19	1949	45	1225	1	4383	0
93572	718	27	139	7	437	22	1456	11	477	11	70	7	350	24	637	0
93617	0	0	6834	0	0	0	1850	0	0	0	0	0	527	0	303	0
93643	0	0	0	0	0	0	0	0	0	0	0	0	244	52	2416	0
93649	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
93650	9015	2	0	7	7109	4	1073	3	28921	0	4547	22	581	0	438	0
93685	844	113	828	44	1062	32	1181	27	803	7	537	37	450	0	684	6
93710	0	0	0	0	0	0	11938	16	0	0	1488	0	5050	0	11813	16
Other	0	0	0	0	0	0	0	0	0	0	0	308	27	0	2139	112
TOTAL	254213	32260	417805	35113	413560	37437	440438	33845	300506	28932	260933	89102	293747	30400	515695	30374

Table B-31

Ketchikan, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	860	69	820	32	902	667	312	61	0	1	5973	0	401	0	218	58
9	130	2712	490	2516	120	4674	150	3339	5	1403	80	1722	32	3398	7457	4803
10	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0
11	27	0	18	0	1	0	0	0	0	0	0	0	0	0	0	0
14	9502	0	13294	0	16169	0	23484	0	13798	52	12302	0	24106	0	171	0
20	9423	11002	9428	588	10323	12007	6656	622	13	343	11753	789	9714	5249	11618	3975
21	46	0	56	0	66	0	14	0	0	0	0	0	0	0	5	0
22	44	2	254	0	46	0	13	14	0	0	1	0	15	0	4	0
23	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
24	4259	70514	19979	11491	9075	72604	2708	148756	32556	159470	2842	123269	4244	209840	1874588	309787
25	246	0	232	0	261	0	228	6	0	78	457	180	492	53	344	2
26	790	206179	450	24688	322	29972	1508	24396	0	175176	283	181148	296	16410	188	230234
27	0	0	7	0	12	0	11	0	5	0	0	0	1	0	0	0
28	58229	76	48923	14	59116	69	61679	6	12811	85	62639	5	54574	0	12950	5
29	145929	151	150600	222	163375	69	157497	2	115913	1229	135641	34930	144139	43224	161109	35196
30	136	7	0	1	91	5	90	14	88	1	183	21	145	5	300	84
32	3022	0	2147	1	2008	2	3467	1	3009	1	3204	26	8593	0	4295	41
33	1352	0	2064	143	2308	2	2616	5	38390	4	1105	2	2366	0	394	0
34	2733	224	1301	375	1265	249	705	309	1337	439	2611	667	4849	1732	3009	850
35	878	204	1325	206	1908	180	1195	962	1486	390	1178	500	2012	2081	4296	1835
36	184	17	358	7	257	12	143	8	122	1	138	1	237	41	211	2
37	806	76	1342	106	1324	80	1114	88	845	162	1079	97	1308	806	1639	1063
38	10	14	15	7	15	14	8	6	4	4	5	6	5	2	1	0
39	1470	0	83	0	25	0	0	0	0	0	18	0	523	122	691	176
40	0	42	0	669	0	86	0	274	0	79	0	135	0	1104	6	18
41	4638	519	5750	691	6641	750	4581	498	4543	509	4755	816	5563	1450	10216	588
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	650	0	0	0
TOTAL	244714	291809	258976	42158	275630	121444	268179	179367	224925	339427	246247	344314	264266	285517	2093710	588717



Table B-32

## Metlakatka, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT	93009		1966		1967		1968		1969		1970		1971		1972		1972	
	COMMODITY	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
	1	50	0	49	0	41	0	63	0	29	0	29	0	18	13	0	0	
	9	0	0	0	0	0	0	0	0	0	0	1	71	0	670	2211	875	
	14	81	0	56	0	0	0	44	0	0	0	5	0	106	0	2100	0	
	20	349	751	384	1445	438	2236	667	318	663	0	893	103	842	1621	1120	877	
	*22	0	0	0	0	0	0	0	0	0	0	3	0	4	0	0	0	
	*23	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
	24	65	0	608	20328	195	58300	233	36157	1132	105641	352	38045	709	122879	688	178785	
	25	0	0	0	0	14	0	7	5	15	33	101	74	95	10	59	0	
	26	61	0	45	0	0	0	0	0	0	0	0	0	2	0	30	0	
	28	8	0	35	0	10	0	17	0	30	0	238	0	887	0	278	0	
	29	1691	0	1098	0	1074	0	1445	0	944	0	475	0	288	0	3629	0	
	30	0	0	0	0	0	0	6	2	4	0	17	0	10	2	28	4	
	32	3	0	173	0	103	0	149	0	244	0	331	5	183	0	355	0	
	33	15	0	54	0	39	0	52	0	59	0	84	0	123	0	21	2	
	34	393	0	450	0	216	0	287	45	106	9	446	88	564	126	509	151	
	35	274	0	1126	2	153	2	335	15	427	12	313	164	116	21	470	16	
	36	19	0	6	0	0	0	3	0	25	1	18	2	24	1	6	0	
	37	73	1	40	0	56	0	108	36	205	22	189	77	186	52	389	119	
	38	0	0	0	0	0	0	3	3	1	0	3	2	4	2	2	1	
	39	105	0	0	0	0	0	0	0	1	0	5	0	113	62	245	121	
	*40	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	1	
	41	22	0	473	0	58	0	292	32	375	84	324	25	496	23	476	68	
TOTAL		3269	752	4597	21775	2397	60538	3711	36613	4260	105804	3827	38658	4772	125482	12616	181020	

Table B-33

## Craig Harbor, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT	93022		1966		1967		1968		1969		1970		1971		1972		1973	
	COMMODITY	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	18	0	16	0	16	0	16	0	16	0	23	0	60	0	54	0	33	0
9	0	0	0	0	0	0	0	0	0	0	54	0	284	3	173	1044	506	
14	0	0	24	0	0	0	0	0	0	0	0	0	0	3	0	13	0	
20	142	0	170	0	212	0	178	0	250	0	530	0	570	350	700	21	21	
24	24	0	30	0	118	0	157	0	21	0	69	0	151	0	187	0	0	
26	0	0	0	0	0	0	0	0	9	0	0	0	5	0	11	0	0	
*28	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	
29	16	0	17	0	15	0	9	0	15	0	142	0	2	0	3742	0	0	
32	0	0	136	0	51	0	5	0	1	0	6	0	7	0	25	0	0	
*33	0	0	357	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34	0	4	11	13	0	6	0	3	0	6	0	6	2	4	33	2	2	
35	0	0	53	0	3	0	3	0	0	0	0	0	0	0	0	0	0	
*36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	
37	0	0	26	0	0	0	4	0	0	0	8	0	8	0	11	0	0	
41	38	0	49	0	54	1	47	1	81	2	308	14	205	33	497	5	5	
TOTAL	238	4	889	13	469	7	419	4	421	62	1123	304	1010	560	6299	534		

Table B-34

## Wrangell, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT COMMODITY	93031 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	223	1	227	55	55	0	0	0	237	0	56	0	81	0	69	0
9	0	619	28	1272	56	540	0	0	183	0	3	131	4	159	1809	0
11	5	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0
14	117	0	95	0	5	0	0	0	19509	0	0	0	0	10314	0	0
20	1528	775	1985	657	556	29	1	0	1734	0	1458	35	1621	46	2404	36
21	2	0	2	0	3	0	0	0	4	0	0	0	0	0	2	0
22	5	0	15	0	5	0	0	0	5	0	0	0	0	0	0	0
24	695	157109	742	184269	971	265851	1	275325	545	338334	15559	335250	423	405156	462395	406192
25	40	0	36	0	20	0	0	0	45	0	49	17	70	12	64	0
26	22	0	31	0	45	0	0	0	42	0	0	0	1	0	0	0
28	98	0	192	0	217	0	0	0	351	0	59	0	81	0	104	0
29	1506	2	448	0	238	0	6	0	605	0	1943	0	1700	0	11587	0
30	15	1	0	0	2	0	0	0	16	0	11	2	7	4	11	1
32	425	0	293	0	195	0	0	0	309	0	232	0	823	0	637	0
33	100	0	411	0	223	140	7	0	206	0	4084	0	78	0	0	0
34	279	21	107	40	10	16	17	0	627	0	280	2	603	244	532	37
35	75	4	173	27	755	0	45	0	755	0	32	49	58	45	39	24
36	29	1	41	1	15	0	0	0	24	0	13	3	14	8	15	2
37	34	1	51	7	201	0	8	320	244	0	84	2	90	24	155	7
38	7	6	6	9	1	0	0	0	5	0	7	7	8	7	6	4
39	12	0	3	0	11	0	0	0	1	0	0	0	10	13	22	14
40	0	60	0	2	0	6	0	0	0	0	0	0	0	0	0	1
41	633	43	579	77	155	9	21	0	1061	0	353	57	519	10	2194	17
TOTAL	5850	158643	5468	186416	3740	266591	106	275645	26508	338334	24223	335555	6191	416042	482045	406335

Table B-35

## Petersburg and Scow Bay, Inbound and Outbound, Commodities, 1966-1973, In Tons

PORT	93036		1966		1967		1968		1969		1970		1971		1972		1973	
	COMMODITY	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
	1	244	300	164	225	192	594	549	96	237	54	249	15	303	0	107	147	
	9	55	2404	175	988	6	1803	126	3006	209	2321	118	3192	109	4739	12220	6931	
	*10	0	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0	
	14	227	0	155	0	145	0	192	0	17	17115	195	4469	2571	0	23000	0	
	20	1620	5908	1120	790	1321	2591	3356	1256	1778	852	2182	6036	2384	4570	3346	2991	
	21	12	0	5	0	6	0	7	1	4	0	0	0	0	0	0	0	
	22	15	0	7	0	4	0	9	0	5	0	0	0	0	0	0	0	
	23	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	
	24	282	40	370	0	903	336	879	733	218	786	259	655	314	698	16821	898	
	25	49	0	24	0	58	0	67	0	37	6	46	10	43	2	44	0	
	26	153	0	60	0	44	0	39	0	42	0	55	0	39	0	0	0	
	28	208	0	267	0	352	0	248	0	170	1	1915	0	138	1	308	9	
	29	485	0	326	312	550	0	1063	0	605	0	940	2	2393	0	15760	1	
	30	19	1	0	0	5	0	22	2	10	6	4	4	14	0	9	2	
	32	136	0	208	0	552	0	499	3	117	0	624	0	878	0	926	0	
	33	43	0	130	0	188	1	499	1	147	2	4	0	0	0	208	0	
	34	588	36	137	31	803	9	168	82	254	98	575	3	898	76	1456	49	
	35	49	2	219	17	981	207	757	799	715	52	196	212	430	45	635	252	
	36	39	0	32	3	8	0	32	0	9	2	28	1	26	0	33	3	
	37	37	2	39	0	79	4	141	65	228	6	131	6	166	13	309	31	
	38	1	0	0	0	1	1	6	9	5	10	7	9	6	2	5	0	
	39	0	0	0	0	0	0	0	0	0	0	0	0	28	19	50	14	
	40	0	5	0	1	0	0	0	11	0	10	0	0	0	2	0	46	
	41	401	44	391	17	767	46	1189	106	1058	50	704	138	1088	53	3157	45	
TOTAL		4662	8742	3829	2384	6965	5594	9848	6174	5877	21371	8232	14752	11828	10220	78398	11419	

Table B-36

Sitka, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT	93045		1966		1967		1968		1969		1970		1971		1972		1973	
	COMMODITY	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	755	0	493	0	598	0	927	0	441	0	683	0	668	0	198	0		
9	54	1006	27	908	40	855	82	1099	46	366	125	0	67	1481	769	948		
10	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0		
11	11	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0		
14	1045	0	2020	0	11215	0	12663	0	15273	421	11758	0	17268	0	14722	0		
20	4371	225	4080	95	4468	63	4272	51	2771	117	5716	0	5833	10	13064	12		
21	26	0	30	0	22	0	24	0	12	0	0	0	0	0	10	0		
22	15	0	16	1	12	2	6	2	8	0	0	0	0	0	1	0		
24	1102	1	1000	0	739	0	679	7	477	311	370	0	2291	1	515506	0		
25	113	1	127	0	101	0	101	1	88	69	343	0	154	19	211	0		
26	134	176390	151	167415	47	176080	215	202667	759	187354	674	167312	24	198926	30	1147054		
27	0	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0		
28	33247	0	37261	0	54055	17117	52860	0	51796	157	51354	0	50821	2	39368	6		
29	47286	0	62045	0	47248	0	63851	1	41437	0	49877	0	76360	0	74348	1		
30	47	2	14	0	41	1	53	1	43	3	59	0	22	1	34	2		
31	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0		
32	517	3	3360	0	1339	0	177	1	323	0	785	0	1048	0	1466	5		
33	251	4	1345	0	3694	0	405	39	1893	159	1274	0	446	0	177	0		
34	501	64	370	60	387	80	822	78	729	52	2026	0	1243	97	4305	113		
35	1945	32	493	515	475	5	2328	105	392	165	438	0	290	47	688	67		
36	77	1	118	0	60	0	48	0	61	2	118	0	100	1	163	2		
37	249	9	174	9	650	186	640	110	965	196	960	0	1230	251	1889	578		
38	2	0	1	0	1	0	2	2	0	0	0	0	0	2	0	3		
39	65	2	6	0	12	0	0	0	0	0	0	0	70	101	176	149		
40	0	19	0	14	0	47	0	388	0	244	0	0	0	11	1	24		
41	2270	238	2206	540	3654	1487	3194	569	2883	253	3412	0	9133	936	12842	930		
TOTAL	94083	177997	115338	169557	128865	195923	143350	205121	120405	189869	129977	167312	167069	201886	676968	1149894		

Southeastern Alaska Ports, Inbound and Outbound Commodities, 1966-1973, in Tons

Table B-37

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	319	9	311	0	163	0	170	0	146	10	191	0	191	0	76	0
9	5	609	23	528	23	128	3	366	14	885	19	263	7	1031	7208	2461
10	0	1	0	47	0	0	0	160	0	0	0	54000	7200	0	0	9605
11	42	0	21	0	13	0	6	0	6	0	1	0	0	0	0	0
14	382	0	1532	0	309	96441	222	36159	420	58565	159	62167	273	93524	71	48882
20	2014	17040	2156	11107	2037	14248	1552	5065	1339	2255	2858	4056	1388	7420	1032	3234
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
22	16	0	21	0	6	0	0	0	0	0	0	0	1	0	0	0
24	694	1900	2075	70245	1058	54577	1130	78111	808	12402	354	12773	1080	108025	231887	78445
25	14	0	29	0	19	0	21	0	9	0	15	0	7	0	57	0
26	326	0	232	0	206	0	161	0	547	0	54	0	234	0	106	4
27	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1290	47661	1595	0	1717	0	2084	0	2152	0	2751	8	1287	26	3235	0
29	184127	0	41927	0	8644	0	113017	15	13809	0	74546	0	11625	36	83633	0
30	44	1	14	0	13	0	25	0	6	0	25	0	5	0	1	0
32	842	0	419	0	756	0	452	0	496	0	1081	0	1035	0	2263	8
33	65	0	497	0	562	0	232	0	184	0	507	0	296	0	1366	0
34	2750	87	2571	21	2305	20	1009	72	1599	16	1031	302	1256	35	4652	36
35	167	30	946	45	865	120	622	772	632	1323	770	276	753	1296	4272	15
36	243	0	79	6	30	1	19	1	1	0	5	0	548	0	58	0
37	69	5	653	2	148	0	191	15	121	3	92	160	368	25	413	14
38	0	5	0	5	0	2	0	0	0	0	0	0	0	0	0	0
39	0	0	2	0	39	0	1	0	0	0	0	0	0	0	10	0
40	0	6	0	250	10	0	0	0	0	0	0	0	0	0	0	1
41	1081	56	1858	54	1044	456	952	107	777	18	1674	36	1416	40	3528	45
TOTAL	194492	67401	56961	82310	19967	165993	121870	120843	23066	75477	86133	134041	28970	211458	343868	142750

Table B-38

Juneau, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	1968	2	2060	1	2093	2	2339	0	1215	17	1813	0	2394	14	482	32
9	72	2669	69	1795	70	2361	58	2944	32	660	34	2306	38	2252	2409	2626
10	0	0	0	1	0	10	0	3	0	0	0	337	0	0	0	0
11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	413	0	210	0	227	0	245	0	34	0	404	0	384	0	475	0
20	11742	1017	12607	661	12733	2775	11721	723	7133	191	15540	420	16079	120	15918	648
21	83	0	85	0	83	0	79	0	44	0	0	0	0	0	30	0
22	27	4	84	1	62	14	24	1	10	0	0	0	0	0	0	0
24	3690	14841	2996	9393	3118	8648	3638	6727	3006	14525	5746	473	7571	0	3117	125
25	521	11	487	2	384	1	338	5	409	90	983	184	823	22	455	3
26	414	1	366	641	217	0	117	0	115	0	66	0	103	0	85	0
27	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
28	552	176	481	0	498	0	426	1	140	0	547	4	644	0	703	62
29	7265	202	2537	0	7060	1	13758	22	2783	0	20566	7	37669	0	90407	2
30	113	0	0	0	70	5	83	7	40	8	91	15	65	0	65	3
31	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
32	3296	3	3852	0	4219	1	4589	0	3176	0	8797	158	15292	0	15646	4
33	874	1	964	0	1086	4	1333	8	712	1	2766	0	2053	0	1112	0
34	855	291	188	145	343	145	604	225	410	71	2096	59	4547	281	1550	208
35	516	195	1033	93	847	275	414	811	384	57	1072	1385	3733	293	1413	637
36	168	111	321	11	291	10	263	2	112	6	171	1	192	351	189	4
37	838	82	952	64	1021	82	924	67	1309	28	3220	102	3948	113	2243	126
38	6	3	1	3	1	7	0	3	0	6	2	6	0	1	0	0
39	479	0	14	1	7	0	0	0	0	0	10	0	411	76	596	82
40	0	120	0	1064	0	26	0	28	0	33	0	588	0	97	0	28
41	443	776	4493	590	4495	489	4640	283	2065	68	4781	339	7612	172	14907	449
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	0
TOTAL	38323	20505	33801	14466	38927	14856	45594	11860	23129	15761	68705	6384	103558	3792	151853	5039

Table B-39

## Pelican, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	29	0	24	4	35	0	24	0	29	26	23	0	23	0	31	0
9	338	1770	156	2838	22	0	234	1811	219	902	362	2084	291	1667	2672	1649
14	66	0	50	0	56	0	55	0	74	0	0	0	11	0	46	0
20	185	117	187	247	163	0	197	77	208	190	187	43	206	33	255	310
22	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
24	94	0	49	0	18	0	48	0	28	0	77	0	65	0	80	0
26	4	0	58	0	66	0	73	0	15	0	56	0	49	0	107	0
28	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
29	6	0	5	0	4	0	4	0	6	0	13	0	11	0	1652	0
32	0	0	0	0	0	0	0	0	0	0	16	0	2	0	52	0
34	0	1	5	6	42	0	29	3	48	3	12	6	25	4	64	6
35	0	0	17	0	0	0	4	2	3	0	12	0	15	3	32	0
37	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
41	59	9	72	3	70	0	111	37	122	11	111	17	134	12	94	17
TOTAL	785	1897	629	3098	476	0	779	1930	752	1132	869	2150	837	1719	5085	1982



Table B-40

## Skagway, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT COMMODITY	93065 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	0	0	0	0	7	0	0	0	3	0	21	0	0	0	4	0
9	0	0	0	0	0	0	0	0	0	0	0	0	57	0	0	0
10	0	22143	0	29430	0	35610	0	53046	0	585875	0	728329	0	861742	0	878116
13	0	0	0	0	3062	0	20701	0	56474	0	99728	0	38838	0	82674	0
14	0	78203	0	86471	92	125193	0	134697	60	146052	0	163401	0	163374	0	4215
20	14	0	3	0	3	78	0	0	0	0	0	0	1	0	190	0
23	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
24	370	14686	255	24161	408	169279	2187	106425	140	201375	136	146768	87	58308	104	81175
25	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0
26	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
28	17	0	51	0	2	0	0	0	3	0	4	0	0	0	22	0
29	98066	0	117694	0	164050	0	206949	2620	200694	2613	177717	0	199317	0	217572	0
30	0	0	0	0	0	0	0	0	0	0	4	0	2	0	0	0
32	115	0	833	0	117	0	72	0	0	0	1	0	1659	0	11	0
33	0	0	20	0	972	300	1461	0	1409	0	2319	0	106	0	16	0
34	13	49	0	0	48	0	1542	0	18	0	203	17	5	0	110	64
35	0	267	0	0	528	0	384	280	121	0	2	0	85	0	22	12
36	0	0	0	0	0	0	426	0	0	0	0	0	0	0	2	0
37	245	0	0	29	65	0	338	0	3	0	134	0	78	1	202	0
40	0	0	0	150	0	0	0	0	0	5	0	629	0	762	0	4
41	37783	0	43538	0	59994	2199	48997	1085	54885	1128	55173	59684	41932	4203	70617	1
TOTAL	136623	115348	162398	140241	229351	332659	283057	298153	313810	937048	3354431	1098828	282167	1088390	371548	963587

Table B-41

## Cordova Harbor and Shepherd Point, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	207	0	181	0	124	0	168	0	31	0	0	0	0	0	0	0
9	1	230	0	721	0	350	14	595	0	91	39	419	0	0	7051	0
11	5	0	10	0	9	4	6	0	0	0	0	0	0	0	11	0
14	536	0	292	0	131	0	139	0	45	0	0	0	131	0	406	0
20	1480	9079	1262	5765	919	6085	1352	1763	369	140	28	735	144	124	1721	0
21	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0
22	74	10	54	5	13	22	29	2	8	0	0	0	0	0	0	0
24	723	0	768	0	527	1	483	1	295	0	30	0	83	0	893	0
25	34	0	21	0	27	0	28	0	13	4	0	0	0	0	0	0
26	234	0	138	0	174	0	171	0	15	0	0	0	6	0	156	0
28	56	1	67	0	47	0	24	0	47	0	0	0	0	0	149	0
29	488	0	12194	6	8410	0	6482	0	8896	0	34521	0	9165	0	18609	0
30	15	0	0	0	6	0	8	0	2	0	0	0	17	0	0	0
32	263	0	282	0	198	0	374	0	312	0	0	0	0	0	423	0
33	21	0	148	0	271	1	152	2	46	5	6	0	0	0	35	0
34	1586	76	482	85	747	65	460	488	48	27	34	0	0	0	1709	0
35	58	41	236	65	78	63	0	2	117	4	111	0	0	0	176	0
36	20	0	33	0	18	0	23	0	6	0	0	0	0	0	0	0
37	75	48	100	21	50	8	115	13	26	0	222	0	6	0	68	0
39	2	0	0	0	0	0	0	1	0	0	0	0	8	0	209	0
40	0	35	0	29	0	29	0	20	0	1	0	0	0	0	0	0
41	601	102	619	81	532	36	430	90	175	3	72	8	97	23	943	0
TOTAL	6479	9622	16891	6778	12283	6664	10458	2977	10451	275	35063	1162	9657	147	32559	0

Table B-42

## Prince William, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
20	0	969	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0
29	0	0	0	0	0	0	1791	0	984	0	1168	0	54	0	1780	0
32	0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	0
36	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
37	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0
41	11	0	2	0	1	0	80	0	66	0	18	0	0	0	125	0
TOTAL	11	969	2	0	15	0	1871	0	1050	0	1186	0	147	0	2030	0

Table B-43

Valdez, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	301	0	115	0	0	0	114	0	32	0	0	0	0	0	0	0
9	3	0	0	392	0	0	0	33	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	158	0	216	0	0	0	0	0	0	0	0	0	0	0	0	0
20	428	0	453	964	0	0	152	0	17	0	0	0	0	0	0	0
21	9	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
24	90	0	532	0	37	0	1023	0	24	0	0	0	0	0	18	0
25	5	0	44	0	0	0	4	0	3	0	0	0	0	0	0	0
26	30	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0
28	6	0	21	0	0	0	3	0	4	0	0	0	0	0	4	0
29	42423	0	44082	9246	36590	286	82258	157	60242	0	41499	516	41489	932	165774	2759
30	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	469	0	240	0	0	0	132	0	0	0	0	0	0	0	0	0
33	33	0	283	0	0	0	13954	0	236336	0	60974	516	0	0	265	0
34	234	0	153	1	0	0	143	0	915	0	0	0	0	0	449	0
35	22	2	13	34	0	0	113	5	0	0	0	0	0	0	115	0
36	27	0	12	1	0	0	0	0	3	0	0	0	0	0	0	0
37	229	5	163	6	0	0	26	0	25	25	0	0	0	0	280	0
40	0	2	0	0	0	0	0	5	0	0	0	0	0	0	0	0
41	1055	12	417	10	0	0	76	0	23	2	277	0	0	0	56	0
TOTAL	47032	21	46815	10654	36627	286	97998	200	297624	27	102750	1032	41489	932	166961	2759

Table 44

## Seward, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT	93152		1966		1967		1968		1969		1970		1971		1972		1973	
	COMMODITY	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	5126	6	10319	9	11381	12	0	0	0	0	488	0	0	0	0	0	0	
9	8	1033	90	1137	54	1707	0	500	615	0	383	0	212	0	9691	0	0	
10	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
14	364	0	425	0	534	0	507	0	0	0	0	0	0	808	0	0	0	
19	0	0	0	0	506	0	0	0	0	0	0	0	0	0	0	0	0	
20	3610	2477	12504	1440	16734	4320	27	0	34	0	3520	40	0	0	0	0	0	
21	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	10	0	253	0	184	27	0	0	0	0	0	0	20	0	0	0	0	
24	2893	0	7166	696	6180	2149	325	3606	110	0	131	0	477	10335	16759	11433	0	
25	215	0	401	3	276	0	6	0	3	0	266	463	0	0	0	0	0	
26	279	0	414	0	675	0	0	0	0	0	34	0	7	0	0	0	0	
28	360	0	521	0	829	2	0	0	0	0	35	0	0	0	0	0	0	
29	6278	0	2666	0	4003	15	0	0	2	0	669	0	0	0	12555	0	0	
30	155	26	138	11	283	16	0	0	0	0	0	0	0	0	0	0	0	
32	1715	0	4107	5	4072	0	3	0	72	0	82	0	245	0	0	0	0	
33	560	0	4772	432	4284	32	24318	0	8549	15	44412	0	5	0	0	0	0	
34	3231	8	439	3	1233	34	6	0	5	0	97	51	195	12	0	0	0	
35	277	57	926	616	1029	178	123	0	641	0	363	55	277	720	0	0	0	
36	202	0	228	0	192	0	0	0	13	0	1	0	5	0	0	0	0	
37	1815	224	5551	1007	5514	426	567	4000	2436	2026	2371	78	1592	90	5	0	0	
40	0	36	0	51	0	305	0	0	0	0	0	37	0	8676	0	0	0	
41	8988	502	23884	1406	29045	1948	15	1	1185	0	2539	0	742	0	530	274	0	
TOTAL	36119	4389	74804	6816	87009	11171	25897	8107	13665	2041	55391	724	3777	20641	39540	11707	0	

Table B-45

## Seldovia, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	93170																
	1966		1967		1968		1969		1970		1971		1972		1973		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	13	0	131	0	0	0	0	0	0	0	0	0	0	0	2939	25
14	0	0	404	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	32	333	0	57	36	0	0	0	0	0	0	0	0	0	74	0	0
22	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	62	0	0	0	30	0	0	0	0	0	0	0	0	0	0	52	0
25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	659	0	17498	0	0	0	60	0	0	0	0	0	0	0	0	6180	0
32	148	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	1099	0	31	0	0	0	0	0	0	0	0	0	0	0	0
34	237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	2	0	0	90	0	0	0	0	0	0	0	0	0	0	0	0
37	0	20	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	718	0	726	0	194	0	179	0	0	0	0	19	5	0	702	0	0
TOTAL	1883	368	19768	188	462	0	239	0	0	0	0	19	5	74	9873	25	0

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Table B-46

## Homer, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT COMMODITY	93171 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
9	0	111	0	0	0	0	0	453	0	0	0	155	0	11	5252	0
20	0	1	0	0	0	0	0	203	0	0	0	80	0	100	0	0
24	349	0	0	0	0	0	17	2829	0	0	0	0	0	0	0	0
25	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	36281	0	2039	0	32540	0
32	0	0	0	0	0	0	0	0	0	0	325	0	2947	0	0	0
33	10	0	0	0	178	0	22	0	0	0	0	0	0	0	0	0
34	4	0	81	0	2058	0	31	0	0	0	0	0	0	0	0	0
35	0	0	30	2000	0	0	0	0	0	0	0	0	0	0	710	0
36	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
37	10	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0
41	1	0	42	0	0	0	20	0	0	0	0	0	0	0	14551	0
TOTAL	377	112	156	2000	2250	0	98	3485	0	0	36614	235	5002	111	53053	0

Table B-47

## Anchorage, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	1873	0	760	0	1228	0	5992	10	3559	46	2905	146	4425	19	6202	21
8	5	0	15	0	0	0	36	0	6	0	234	0	0	23	17	0
9	0	526	29	42	0	3483	30	3169	767	9973	932	3731	686	6176	9308	3766
10	0	0	0	0	0	46	0	0	0	380	0	57	0	23	0	0
11	0	0	0	0	0	0	0	0	0	0	0	114	0	6130	1783	0
13	0	0	0	0	0	0	0	0	239	0	2709	0	0	0	0	0
14	4794	0	10993	0	5368	0	9587	0	6288	0	6337	0	25386	6572	30015	0
19	0	0	55	0	33	0	29	0	31	0	90	214	28	8	37	0
20	39853	1143	67877	2132	78502	8222	93703	5997	126783	32458	92933	18849	113070	29023	184908	50138
21	390	0	110	0	1	0	0	0	0	0	0	423	0	478	0	0
22	5790	0	54	0	27	0	311	0	745	14	1807	0	84	0	524	0
23	84	0	10	0	9	0	0	0	0	0	1562	18	138	10	14	0
24	4286	0	5342	0	6042	24	18577	18109	36026	16442	33108	33	48248	30	46014	0
25	319	0	5835	0	5464	2761	7213	5174	8735	6702	6270	2895	6683	6364	8180	0
26	3132	0	3293	0	5678	0	9251	0	3085	8	3200	0	6600	72	9798	46
27	104	0	190	0	312	0	281	65	1796	0	204	0	143	0	486	0
28	10366	18	7055	50	5708	33	14745	50	17007	8753	12337	142	14230	22	20150	40975
29	501810	0	753225	0	730271	0	1084755	0	862769	0	859832	583	866265	118	1277704	244974
30	878	7	1351	0	3928	20	5890	6	2904	39	1937	48	2039	8	2290	17
31	0	1	0	0	5	0	3	0	66	0	585	0	79	0	11	0
32	52709	0	18121	22	63469	0	74452	72	78246	533	70721	109	61436	8	101683	92
33	13628	859	9199	395	10288	35	55016	71	18875	374	17893	469	17954	37	20061	439
34	3723	379	6773	152	9807	225	7202	0	17435	118	13307	829	11861	1031	13545	424
35	2290	1621	4053	1817	2098	980	4208	412	5814	704	6192	647	5573	1374	5019	214
36	250	0	341	0	581	255	812	52	2727	0	2070	37	1451	23	2083	0
37	8903	2062	13791	2471	15318	3631	20831	4315	22529	818	22933	592	22738	1283	22697	1428
38	0	0	0	0	7	0	64	0	44	0	75	0	7	0	63	0
39	10427	1362	1311	49	495	165	9547	946	28824	3410	22748	2259	35165	1784	39697	1248
40	1	81	178	1782	190	728	43	830	45	1306	852	1182	9	1551	563	5349
41	85715	14832	108916	11775	91305	9361	88035	6722	111932	21805	87838	12419	89941	14407	92485	19420
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	751330	22891	1018859	20687	1036134	29969	1510213	46000	1358838	103883	1271671	45259	1334776	69966	1900162	370334



Table B-48

## Whittier, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT 93175

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	2062	2	7841	576	5051	0	7079	0	10273	0	15597	0	16722	0	14104	0
8	33	0	40	0	0	0	0	0	0	0	91	0	105	0	162	0
9	0	160	0	59	50	137	0	0	196	1122	107	42879	299	1870	91	1831
10	0	0	0	0	52	0	0	0	52	334	126	0	0	0	80	0
11	0	0	51	0	41	0	220	0	128	0	301	0	128	0	266	0
13	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0
14	963	0	4808	0	5176	0	2471	0	1537	1113	1570	0	1668	0	2065	0
19	16	0	16	0	1240	0	1373	0	581	388	192	80	508	654	0	0
20	30687	115	20953	1517	28933	111	31039	1588	35884	3170	60151	8674	87825	1802	60046	2861
21	27	0	0	0	0	0	0	0	0	0	0	0	115	0	15	0
22	106	0	81	0	21	0	35	0	57	0	279	0	400	0	217	0
23	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
24	11250	0	13629	384	10390	20	15642	680	6363	950	43232	0	51036	149	34337	74
25	809	2	492	12	587	0	616	0	691	14	2232	0	3296	0	432	0
26	1586	0	858	52	1663	0	1161	130	1550	0	2532	0	2460	0	2927	0
27	0	0	36	0	51	0	21	0	30	0	305	0	160	0	35	0
28	3138	121	3105	384	5909	108	7568	0	5080	511	21239	1340	14689	125	12994	50
29	12545	0	12176	0	2275	0	112322	0	10140	59977	53003	64127	89932	31409	113385	0
30	235	38	255	0	243	8	109	40	72	0	519	26	1159	0	447	0
31	0	0	0	0	12	0	0	0	0	0	10	0	0	0	0	0
32	4534	0	6132	529	14210	78	9029	0	12229	162	22333	0	6157	54	17794	0
33	13798	74	19759	190	26289	194	15220	183	5680	1048	19585	310	14163	728	25389	0
34	3763	0	3916	59	3145	69	2321	45	1984	22	13208	298	13762	15	8967	208
35	3438	725	2761	858	4073	678	3205	1078	5344	1612	7505	911	9408	591	7581	140
36	911	3	826	18	704	18	268	39	382	80	1466	106	1646	10	1262	0
37	3973	131	735	291	858	320	3466	189	2027	149	14641	0	13679	2	12775	0
39	520	0	98	58	18	0	18	0	86	0	52	0	289	0	1591	0
40	0	833	0	1713	0	1525	0	2752	0	5006	0	526	0	1852	40	7997
41	10786	863	140223	8694	147367	8299	223805	22318	67731	0	77245	14234	116463	7034	203857	7916
TOTAL	105180	3067	238791	15394	258388	11565	436988	29042	168097	75658	357525	133511	446069	46295	520859	21077

Table B-49

## Kodiak, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1973		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	1130	19	831	15	723	147	807	0	755	0	66	21	180	0	675	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0
9	1137	7464	1744	6469	1226	5983	1935	3203	585	3582	2397	3075	1961	2176	52924	26
11	2	0	2	0	1	0	2	0	1	0	0	0	0	0	1369	0
14	594	9	290	0	709	1	262	1	267	0	182	0	346	0	224	0
20	25466	7547	5156	6917	4439	6681	4830	4745	4881	2629	2252	5614	2189	4491	7176	13
21	136	0	32	1	27	0	79	0	26	0	0	0	0	0	0	0
22	114	1	65	3	61	15	60	15	99	1	3	0	0	0	1	0
23	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	5830	2820	2320	0	1188	0	1202	0	725	1	226	0	4422	21	1101	0
25	243	0	233	160	153	258	112	57	171	451	72	171	36	74	183	0
26	2302	0	694	0	431	0	178	0	145	0	87	0	242	22	29	26
27	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
28	1742	0	127	3	161	0	127	1	271	0	30	0	89	0	1156	0
29	42322	0	17571	0	15924	0	40840	4	31518	0	47918	20	63177	0	86775	0
30	178	2	2	0	12	1	15	0	8	0	0	0	0	0	20	0
32	7653	0	651	3	816	5	279	30	34	0	56	0	17443	0	2160	0
33	1944	15	901	7	805	9	399	2	569	3	575	0	728	0	1110	0
34	2293	194	1337	319	739	243	1115	164	1467	84	1264	0	1111	884	10	0
35	465	1057	178	215	159	1072	361	57	37	52	79	4	43	195	459	0
36	123	0	64	0	176	2	47	0	19	0	0	0	0	0	19	0
37	4770	49	924	85	656	88	583	78	939	2078	374	24	467	117	943	0
38	2	5	0	2	0	0	0	3	0	3	0	0	0	0	0	0
39	2137	228	88	0	4	0	49	0	2	0	247	10	1453	509	3504	0
40	0	64	0	232	0	64	0	38	0	34	0	0	0	39	0	0
41	32027	3215	18661	4325	12022	6125	1859	308	1609	595	3078	587	2447	611	12438	3
TOTAL	132622	22680	51871	18756	40434	20694	55141	8706	44128	9513	58906	9526	96334	9139	172293	68

Table B-50

## Iliuluit-Unalaska, Dutch Harbor, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	5	0	14	0	0	10	0	0	0	0	0	0	0	0	0	0
9	0	6	0	2045	0	1166	0	2136	0	2056	0	2677	0	2192	11361	1665
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0
14	40	0	0	0	0	0	0	0	0	0	0	0	0	0	83	0
20	2	2302	100	1515	0	353	0	66	20	358	0	0	0	0	347	0
21	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
24	11	0	2	0	0	0	0	0	0	0	0	0	258	0	35	0
25	0	0	5	0	0	0	0	0	0	0	0	0	0	0	6	0
26	0	0	1	0	0	0	0	0	0	0	0	0	0	0	167	0
28	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	81339	0	108344	0	90595	3	140218	0	114210	1426	62647	1333	71768	0	124430	0
32	21	0	1	0	0	0	0	0	0	0	0	0	19	0	0	0
33	1734	0	0	0	0	0	0	0	0	0	5584	0	115	0	0	0
34	280	0	433	0	391	0	0	0	0	0	0	0	0	0	0	0
35	100	0	0	0	82	0	9	0	89	0	0	0	0	0	0	0
36	0	0	1	0	0	0	0	0	0	0	0	0	0	0	11	0
37	515	0	17	0	0	0	23	0	0	0	0	0	51	0	12	0
40	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0
41	1022	2	1622	1	917	5	1717	267	1002	146	1121	148	1512	48	1058	48
TOTAL	85120	2310	110545	3561	91985	1537	141967	2556	115321	3986	69352	4158	73723	2240	137526	1713

Table B-51

## Aleutian Island Ports, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	11	0	42	0	34	0	85	0	16	0	0	0	0	0	0	0
9	8	241	61	820	82	560	142	563	34	145	0	816	0	511	3132	549
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1430	0
14	7	0	1884	0	7001	0	5	0	1	0	0	0	0	0	47	47
20	4818	1582	285	1165	771	948	123	906	1928	584	0	0	0	0	21	75
-1	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
22	7	0	10	0	11	0	118	0	0	0	0	0	0	0	0	0
23	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
24	216	1	1844	61	2645	3	2202	1	12	1	0	0	666	0	15	0
25	58	1	86	0	32	0	390	0	1835	2468	0	0	0	0	0	0
26	56	0	26	0	864	1	16	0	2	0	0	0	0	0	59	0
28	40	0	299	0	830	0	2	0	279	0	0	0	0	0	0	0
29	4679	0	9106	0	18312	0	74483	0	23550	0	44299	0	25988	0	23182	0
30	1	1	20	6	64	0	4	0	0	0	0	0	0	0	0	0
32	18	104	1992	7	6933	3	696	55	31	0	0	0	0	0	22	0
33	3	0	4183	0	5974	0	1974	0	0	0	0	0	431	0	15	300
34	111	32	33	132	2962	315	26	66	1243	0	0	0	4	0	0	0
35	208	95	4080	736	2886	194	855	888	4	661	0	0	1451	1084	118	0
36	89	0	74	6	202	9	10	1	1	0	0	0	0	0	0	47
37	206	8	1735	130	1101	36	498	200	3895	1584	0	0	186	35	119	65
38	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	1	0	132	0	80	0	192	1	0	0	0	0	0	0	60	569
40	0	47	0	0	107	20	0	0	0	20	0	0	0	0	0	0
41	25805	7699	34604	6570	28127	6002	15775	709	7099	1079	3290	1	1435	842	253	311
TOTAL	36347	9811	60497	9633	79023	8082	97596	3390	39930	6542	47589	817	30161	2472	28473	1963

Table B-52

## Pribilof, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT	93460		1966		1967		1968		1969		1970		1971		1972		1973	
	COMMODITY	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	7	60	0	224	0	0	0	0	0	0	0	108	0	102	0	58	0	
9	0	0	0	932	0	864	0	0	0	0	0	0	0	0	0	0	0	
11	450	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	487	0	110	0	571	0	1784	0	2987	0	1191	0	238	0	0	0	0	
20	188	932	0	43	0	417	0	663	340	970	463	684	544	722	574	145	0	
24	0	0	0	0	76	0	266	0	0	0	91	0	271	0	425	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
28	29	0	0	0	40	0	67	0	21	0	0	0	21	0	0	0	0	
29	23	0	50	0	10	0	126	0	46	0	1127	0	1279	0	1940	10	0	
32	249	0	0	0	150	0	196	0	50	0	26	0	235	9	97	0	0	
33	0	0	0	0	59	0	10	0	0	0	0	0	0	0	0	0	0	
34	0	0	0	49	30	47	0	79	0	65	51	37	0	60	0	46	0	
35	233	0	14	0	0	0	164	0	0	0	0	0	9	2	29	36	0	
36	0	0	0	0	0	0	0	0	15	0	0	0	4	0	0	0	0	
37	55	0	43	0	84	0	10	0	16	0	16	0	39	5	43	0	0	
41	1547	61	1496	66	2934	59	1837	27	1875	41	1037	7	775	85	947	22	0	
TOTAL	3268	1053	1769	1314	3954	1387	4460	769	5350	1076	4110	731	3517	883	4113	259	0	

Table B-53

## Alaska Peninsula (South Side) Inbound and Outbound Commodities, 1966-1973, in Tons

PORT COMMODITY	93520 1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	142	0	129	0	113	0	556	0	190	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	323	0	0	0
9	1085	3459	814	3992	549	1285	540	1297	374	1639	229	1726	178	1685	34836	408
11	10	0	8	0	0	0	0	0	4	0	0	0	0	0	0	0
13	0	1170201	0	2978965	0	8221551	0	9609779	0	9934766	0	9073098	0	8355960	0	7571806
14	10846	0	4630	0	762	0	373	0	1194	6	0	0	326	0	2686	0
20	3058	26702	601	9512	604	14996	1111	18178	757	20710	42	1701	112	5604	20888	3645
21	7	0	12	0	8	0	320	1	16	0	0	0	0	0	0	0
22	36	1	30	3	10	2	1208	6	46	11	0	0	0	0	0	0
24	2139	0	2061	0	1119	0	3672	27209	943	11346	187	25831	212	47248	188647	52139
25	52	0	58	0	62	0	2407	0	744	2	0	0	1	0	0	0
26	602	0	137	0	51	0	387	6	625	0	15	0	86	0	717	0
27	6	0	6	0	0	0	0	1	0	1	0	0	0	0	0	0
28	650	0	4195	466	205	6131	276	8710	557	162410	0	189854	6033	437018	7792	764304
29	12595	531102	66835	501152	23715	491085	46286	729230	651891	1660823	138514	2004086	107119	2052001	80198	1989062
30	4	0	0	0	1	0	8	0	4	0	0	0	0	23	0	0
32	1885	0	86	0	32265	1788	22036	1319	4909	0	129	0	59	0	748	0
33	3838	0	6714	0	3036	0	3208	1	3055	0	9	0	22585	0	56	0
34	9826	181	6029	24	4527	35	5314	91	5034	47	355	0	6117	24	2356	0
35	6218	188	18248	5	12058	40	2082	35	114	247	0	0	22	2785	9334	0
36	6	0	27	0	8	0	7	9	2	0	8	0	0	0	17	0
37	437	8	1060	84	629	0	2799	102	3473	679	62	0	48	50	546	0
38	0	0	0	0	0	0	0	0	0	0	0	441	0	0	0	0
39	0	0	1	4	2	2	24	1	0	0	0	0	0	0	21	0
40	0	9	0	394	0	0	0	0	0	0	0	0	0	0	1312	0
41	20755	3009	16133	98	12174	23	21136	505	6883	412	3387	134	3478	341	21670	81
TOTAL	74197	1734860	128814	3494699	91898	8736938	113750	*****	94113	*****	142937	*****	146698	*****	371824	*****

Table B-54

## Naknek River, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT		93568															
COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	98	0	131	0	74	0	184	0	68	0	0	0	51	0	0	0	
9	0	2	7	57	0	0	0	0	0	629	0	0	0	0	1377	0	
11	18	0	15	0	14	0	15	0	0	0	0	0	0	0	0	0	
14	683	0	304	0	86	0	42	0	409	0	43	0	225	0	238	0	
20	649	6807	1052	2893	531	3976	294	10359	466	13541	178	190	724	89	519	514	
21	13	0	17	0	9	0	42	0	2	0	0	0	0	0	0	0	
22	546	20	71	1	12	7	79	11	12	28	0	0	0	0	0	0	
24	419	0	1549	0	598	3	434	0	412	0	282	0	509	0	19	0	
25	65	0	115	0	59	0	193	0	11	2	0	0	1	0	0	0	
26	1214	0	275	0	53	0	24	8	359	0	45	0	225	0	249	0	
27	0	0	0	0	0	7	0	2	0	0	0	0	0	0	0	0	
28	0	0	1	0	0	0	323	0	402	0	283	0	4	0	0	0	
29	598	0	2591	0	440	0	3335	0	8006	64097	6890	0	851	0	314	0	
30	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
32	62	0	133	0	197	0	95	0	22	0	50	0	200	0	6	0	
33	6	0	9	0	7	0	0	0	67	0	1	0	26	0	1	0	
34	6289	25	896	73	253	96	1931	98	2508	22	431	87	898	0	439	0	
35	226	22	351	31	74	77	163	105	8	52	47	0	50	0	0	0	
36	7	0	12	0	5	0	1	0	4	0	0	0	0	0	0	0	
37	620	29	507	10	119	0	303	5	300	0	427	0	241	0	0	0	
38	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
39	1	0	0	0	3	0	6	0	0	0	0	0	0	0	0	0	
40	0	25	0	7	0	2	0	3	0	4	0	0	0	0	0	0	
41	700	70	1308	19	895	49	1496	78	342	16	845	0	300	0	765	0	
TOTAL	12221	7000	9344	3091	3430	4217	8961	10669	13398	78391	9522	277	4305	89	3947	514	

Table B-55

## Alaska Peninsula (North Side), Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	17	0	33	0	2	0	86	1	47	0	0	0	49	0	10	0
9	0	0	0	29	0	17	0	0	0	111	0	0	0	0	8876	325
11	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
14	56	0	142	0	1457	0	64	0	18	0	36	0	75	0	1173	0
20	1933	3696	2660	142	2137	3867	2532	1975	2723	7680	2655	93	3516	0	637	759
21	25	0	17	0	10	0	18	0	0	0	0	0	0	0	0	0
22	0	10	0	0	0	4	2	0	2	0	1	0	0	0	0	0
24	1019	0	1105	20	3005	5	3281	0	1790	0	4369	0	4037	0	403	9000
25	361	1	299	0	324	0	134	0	43	15	65	8	105	0	3	0
26	3	0	35	0	103	0	2	0	4	0	0	0	51	0	215	0
28	1	0	2	0	96	0	26	0	56	0	343	0	63	0	434	0
29	600	0	1144	0	1644	0	6550	0	5532	0	5659	0	2880	0	21013	0
30	7	0	0	0	1	0	637	0	3	0	0	0	22	0	0	0
32	277	0	341	0	1280	0	101	0	114	0	1128	0	447	0	294	0
33	1	0	1	0	910	0	216	0	218	0	97	0	45	0	0	0
34	37	100	44	53	957	95	212	131	71	36	181	7	823	6	617	0
35	90	0	177	0	815	17	236	27	115	140	133	2	2267	0	1156	0
36	114	0	135	0	203	0	4	0	5	0	92	0	62	0	0	0
37	128	0	909	19	419	0	378	3	439	0	345	215	289	0	7	0
38	0	0	0	0	0	0	3	0	0	0	0	0	17	0	0	0
39	0	0	3	0	2	0	5	0	0	0	0	0	10	3	0	0
40	0	5	0	0	0	1	0	2	0	2	0	0	0	4	0	0
41	2569	66	1942	38	2507	35	2456	45	2533	19	1949	45	1225	1	4383	0
TOTAL	7240	3878	8991	301	15874	4041	16943	2184	13713	8003	17053	370	15983	14	39221	10084



Table B-56

## Dillingham Harbour, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT		93572															
COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	107	0	4	0	63	0	93	0	64	0	0	0	24	0	13	0	
9	0	0	0	0	0	0	0	0	0	116	0	0	0	0	0	0	
11	6	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	
14	198	0	9	0	164	0	24	0	269	0	0	0	106	0	180	0	
20	892	2466	464	1682	836	625	437	1245	939	5062	461	181	570	1509	1011	77	
21	7	0	2	1	5	0	32	0	0	0	0	0	0	0	0	0	
22	185	0	0	0	22	25	48	0	1	14	0	0	0	0	0	0	
24	331	0	49	0	296	0	248	0	689	2	942	0	1024	0	151	0	
25	67	0	19	0	53	0	286	1	14	6	2	0	13	0	6	0	
26	276	0	2	0	48	0	42	0	346	18	26	0	80	0	179	0	
28	0	0	0	0	0	0	0	0	14	0	13	0	1	0	2	0	
29	258	0	1020	0	279	0	376	0	260	0	115	0	509	0	387	0	
30	0	0	0	0	2	0	2	0	1	0	0	0	11	0	0	0	
32	102	0	31	0	126	0	76	0	192	0	191	0	162	0	7	0	
33	15	0	3	0	2	0	3	0	50	0	10	0	13	0	38	0	
34	1635	49	1	12	267	49	134	29	1478	22	15	10	535	51	476	0	
35	36	87	5	2	40	18	172	20	10	19	0	0	25	0	381	0	
36	9	0	3	0	5	0	3	0	9	0	0	0	2	0	2	0	
37	199	2	6	25	104	21	149	4	37	9	42	0	61	0	65	0	
39	2	0	1	0	5	0	14	0	0	0	0	0	0	0	0	0	
40	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
41	718	27	139	7	437	22	1456	11	477	11	70	7	350	24	637	0	
TOTAL	5043	2633	1758	1730	2759	760	3595	1310	4855	5279	1887	198	3486	1584	3535	77	

Table B-57

## Bethel, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
1	0	0	44		0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	1512	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	3912	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	8122	0	0	0	0	0	0	0	0	0	1834	0	902	0	0
32	0	0	140	0	0	0	0	0	0	0	0	0	65	0	0	0	0
33	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	2502	0	0	0	0	0	0	0	0	0	600	0	0	0	0
36	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	18	0	0	0	0	0	0	0	0	0	15	0	0	0	0
39	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	6834	0	0	0	1850	0	0	0	0	0	527	0	303	0	0
TOTAL	0	0	23542	0	0	0	1850	0	0	0	0	0	3041	0	1205	0	0

Table B-58

## Yukon Ports, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
9	0	0	0	0	0	0	0	0	0	0	0	0	0	205	145	890
14	0	0	0	0	0	0	0	0	0	0	75	0	0	0	39	0
20	0	0	0	0	0	0	0	0	0	0	0	0	364	341	1340	0
24	0	0	0	0	0	0	0	0	0	0	0	0	278	0	949	0
25	0	0	0	0	0	0	0	0	0	0	0	0	15	0	5	0
26	0	0	0	0	0	0	0	0	0	0	75	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	3	0	299	0
29	0	0	0	0	0	0	0	0	0	0	0	0	50	0	31070	0
32	0	0	0	0	0	0	0	0	0	0	0	0	135	0	473	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
34	0	0	0	0	0	0	0	0	0	0	0	0	132	0	154	0
35	0	0	0	0	0	0	0	0	0	0	0	0	60	0	394	61
36	0	0	0	0	0	0	0	0	0	0	0	0	7	0	15	0
37	0	0	0	0	0	0	0	0	0	0	0	0	70	0	420	0
39	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1
41	0	0	0	0	0	0	0	0	0	0	0	0	244	52	2154	0
TOTAL	0	0	0	0	0	0	0	0	0	0	150	0	1360	599	38213	207

Table B-59

## St. Michael, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	48	0	0	0	32	0	14	0	3	0	0	0	0	0	0	0
10	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
11	37	0	0	0	27	0	25	0	0	0	0	0	0	0	0	0
14	212	0	0	0	108	0	207	0	30	0	28	0	0	0	0	0
20	1468	529	0	942	1546	749	562	578	1421	265	1426	410	99	0	129	0
21	6	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
22	4	0	0	0	3	0	4	0	2	0	2	0	0	0	0	0
24	570	0	0	0	559	0	535	0	4091	0	1577	0	21	0	34	0
25	63	0	0	0	90	0	23	0	24	1	24	0	2	0	6	0
26	9	0	0	0	29	0	8	0	2	0	0	0	0	0	0	0
28	1	0	0	0	0	0	0	0	392	0	161	0	0	0	1	0
29	993	0	0	0	801	0	408	0	26419	0	6614	0	604	0	8829	0
30	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
32	224	0	0	0	151	0	1	0	388	0	341	0	14	0	16	0
33	1	0	0	0	688	0	0	0	76245	0	74	0	0	0	0	0
34	89	5	0	102	206	93	176	7	12	27	83	43	29	0	4	9
35	156	5	0	2	66	2	17	1	2021	0	147	0	0	0	0	0
36	21	0	0	0	26	0	9	0	29	0	38	0	2	0	4	0
37	194	0	0	0	47	0	16	0	92	0	70	0	1	0	13	0
39	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
40	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	9015	2	0	7	7109	4	1073	3	28921	0	4547	22	581	0	438	0
TOTAL	13116	542	0	1059	11496	848	3078	589	140093	293	15132	475	1353	0	9474	9

Table B-60

Nome, Inbound and Outbound Commodities, 1966-1973, in Tons

COMMODITY	1966		1967		1968		1969		1970		1971		1972		1973	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	138	0	118	0	80	0	102	0	75	0	5	0	30	0	37	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	151	0	119
10	0	56	0	53	0	24	0	0	0	1	0	0	0	2	0	106
11	48	0	30	0	20	0	22	0	15	0	10	0	0	0	2	0
14	126	0	89	0	158	0	2	0	2	0	1	0	5	0	9	0
20	1599	0	1413	0	1168	0	1445	1	2020	0	1679	0	2842	3	1269	13
21	13	0	10	0	6	0	1	0	0	0	0	0	0	0	0	0
22	5	0	4	0	2	0	2	0	2	0	0	0	1	0	6	0
24	267	0	400	0	375	0	728	0	1726	0	1106	0	1248	0	1057	27
25	451	1	111	0	112	0	85	0	39	4	206	1	47	0	54	3
26	6	0	9	0	15	0	0	0	18	0	13	0	1	0	54	0
28	0	0	0	0	1	0	0	0	88	0	201	0	46	0	168	0
29	10360	13	2976	0	3067	0	14653	0	9778	0	15036	0	21083	0	22302	0
30	14	1	0	0	3	0	6	0	3	0	5	0	11	0	4	0
32	121	0	240	0	287	0	481	0	488	0	822	0	275	0	58	2
33	17	0	9	0	22	0	2	0	344	3	191	0	119	0	156	17
34	5	377	4	367	2	356	11	472	111	85	180	0	316	27	330	48
35	733	360	324	19	375	218	390	64	251	22	123	0	159	0	246	21
36	21	3	15	3	15	0	16	0	25	0	24	0	23	0	10	1
37	134	3	194	0	153	15	149	1	242	0	145	0	282	0	228	40
38	0	0	0	0	0	0	0	0	7	8	0	0	0	0	1	3
39	9	0	2	0	3	2	5	0	0	0	0	0	0	0	4	0
40	0	28	0	14	0	15	0	12	0	6	0	0	0	3	0	0
41	844	113	828	44	1062	32	1181	27	803	7	537	37	450	0	684	6
TOTAL	14911	955	6776	500	6926	662	19281	577	16037	136	20284	38	26938	186	26679	406

Table B-61

## Bering Sea, Inbound and Outbound Commodities, 1966-1973, in Tons

PORT	1966		1967		1968		1969		1970		1971		1972		1973		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
93710																	
1	0	0	0	0	0	0	26	0	0	0	0	0	0	0	3	0	
9	0	0	0	0	0	0	544	0	0	137	0	0	0	0	20	767	
10	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	
14	0	0	0	0	189	0	22297	0	2481	0	37	0	2860	0	89	0	
20	0	0	0	0	0	0	1116	0	1	44	0	0	501	0	1017	47	
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
24	0	0	0	0	3	0	11609	0	130	0	5	0	1192	0	2591	0	
25	0	0	0	0	0	0	107	0	0	0	0	0	8	0	12	0	
26	0	0	0	0	1	0	1	0	35	0	13	0	0	0	49	0	
28	0	0	0	0	0	0	629	0	0	0	0	0	1	0	87	0	
29	4652	0	11212	0	2310	0	42857	0	11792	0	14686	0	23943	0	31932	0	
30	0	0	0	0	0	0	15	0	0	0	0	0	1	0	8	0	
32	0	0	0	0	0	0	12999	0	0	0	0	0	973	0	157	0	
33	0	0	0	0	0	0	2678	0	4812	0	642	0	4435	55	5518	0	
34	0	0	0	0	0	0	16867	81	0	0	0	0	449	98	5586	8	
35	0	0	0	0	0	0	2387	119	3588	0	2600	0	85	0	3546	0	
36	0	0	0	0	0	0	124	0	0	0	0	0	5	0	32	0	
37	0	0	0	0	0	0	817	9	0	0	0	0	10	0	624	0	
39	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	
41	0	0	0	0	0	0	11938	16	0	0	1488	0	5050	0	11813	16	
TOTAL	4652	0	11212	0	2503	0	127016	236	22839	181	19471	0	39513	155	63085	838	