# REPORT OF THE DIVISION OF STATISTICS AND METHODS OF THE FISHERIES.

By C. H. TOWNSEND, Assistant in charge.

The principal work of this division for the year ending June 30, 1899, was a canvass of the fisheries of Virginia, Delaware, Maryland, and Pennsylvania. The figures collected were for the calendar year 1897. The field work in these States was commenced about the close of the last fiscal year and continued during the summer and fall. It was resumed again in the spring of 1899 and was completed by the end of the fiscal year, at which time work was also begun in New York, New Jersey, and the New England States.

The agents of the division participating in the canvass were: Messrs. W. A. Wilcox, in Virginia; C. H. Stevenson, in Maryland and New York; Ansley Hall, in Virginia, Maryland, Delaware, and New Jersey; T. M. Cogswell, in Virginia and Maryland; E. S. King, in Maryland, Delaware, and Pennsylvania; J. N. Cobb, in Maryland, Delaware Pennsylvania, and New Jersey; and W. A. Roberts, in Virginia, Maryland, and New Jersey. Mr. J. B. Wilson was temporarily employed in canvassing the fisheries of Virginia. The work in the New England States was begun in April, Messrs. Wilcox, Hall, and Cogswell canvassing Massachusetts; Messrs. Wilcox and Cogswell, New Hampshire; Mr. Cobb, Maine, and Mr. King, Rhode Island; the work is still in progress on June 30, 1899.

Mr. Stevenson, having for some time been engaged in preparing a paper on the preservation of fishery products, compiled largely from the records of the office, was sent in October and November to a number of places on the New England and Middle Atlantic coasts and the Great Lakes to procure additional information.

In the latter part of June Mr. Townsend was in the field with the statistical agents of the division engaged in canvassing the fisheries of New York, New Jersey, Rhode Island, Massachusetts, and Maine.

Mr. J. B. Wilson was employed for a time in making inquiries respecting the wholesale fishery trade of New York City, and at the close of the year was engaged in canvassing the wholesale fishery trade of Boston.

The publications appearing during the year which were wholly or in part the work of persons connected with this division were: Shad Fisheries of the Atlantic Coast of the United States, by C. H. Stevenson; Report of Fur Seal Investigations in 1896 and 1897 (Treasury document 2017, division of special agents), containing a chapter by C. H. Townsend on Pelagic Sealing; Statistics of Fisheries of the South Atlantic States; Statistics of Fisheries of the Gulf States; Notes on Foreign

Fishery Trade and Local Fisheries of Puerto Rico, by W. A. Wilcox; Preservation of Fishery Products for Food, by C. H. Stevenson.

The last contains full and detailed information respecting the various methods employed in smoking, salting, drying, canning, and otherwise preserving fish and other products of the fisheries for food. This publication will relieve the office of a vast amount of correspondence on this subject, and will be of great value to persons engaged in the fisheries.

The office continues to issue single-sheet statistical bulletins, which present in condensed form the results of the field work in advance of These bulletins are widely the regular publications of the Commission. distributed among persons engaged in the fisheries, and are also posted in custom-houses and other public offices. Those which have appeared during the year are:

No. 8.—Fisheries of the Gulf States—1897.
No. 9.—Fisheries of the South Atlantic States—1897.
No. 10.—Statement of the quantity and value of certain fishery products landed at Boston and Gloucester by American vessels during the year 1898.
No. 11.—Fisheries of Pennsylvania, Delaware, Maryland, and Virginia—1897.
No. 12.—Statement of quantities and values of fishery products recorded as landed or prepared at San Francisco, Cal., during the year 1898.

The information transmitted to the office by agents of the Commission at Boston and Gloucester has been stated on single sheet bulletins and distributed monthly to persons engaged in the fisheries of those ports.

### FISHERIES OF PUERTO RICO.

In December, 1898, Mr. William A. Wilcox sailed for Puerto Rico on the Fish Commission steamer Fish Hawk, and was engaged during January and February in investigating the foreign fishery trade and local fisheries of that island. His report shows that in 1897 Puerto Rico imported 34,155,983 pounds of dry, pickled, canned, and other fish, valued at \$2,123,931. The value of imported fishery products was \$1,325,070 in 1893; \$1,649,601 in 1894; \$1,987,676 in 1895; \$1,815,010 in 1896. The supply of dry and pickled fish in Puerto Rico comes chiefly from Nova Scotia, with occasional cargoes from Newfoundland. The receipts of fishery products of this character in 1 97 amounted to 33,449,422 pounds from the following localities: North American British possessions, 28,048,735 pounds; United States, 4,909,141 pounds; all other countries, 491,546 pounds. This amount approximated 85 per cent of dried fish and 15 per cent of pickled fish. The proportions of dried fish by species were 90 per cent cod, 7 per cent haddock, and 3 per cent hake. Ponce is the most important place on the island in connection with the foreign fishery trade, receiving nearly half of the imports.

The report contains information relative to the character of fishery products best adapted to the climate of Puerto Rico; the customary methods followed in importing and distributing the supply, and other information relative to the conditions affecting the trade on that island. Suggestions are made on many points calculated to effect the increase of the foreign fishery trade and the importation of American fishery products as yet practically unknown there. It is believed that many of the lower-priced fishery products of the United States would find a market in Puerto Rico if cured and packed with reference to the elimatic conditions prevailing there. The local fisheries were found to yield many species of edible fishes, but are not conducted very actively. The catch is mostly consumed fresh, almost no refrigeration or other methods of preservation being employed. Fishing for local use is conducted about most parts of the island.

The principal fishing appliances in use are haul seines, cast nets, trolling lines, and fish pots or traps. All appliances at present are home made, but it is believed that there is a field for the introduction of manufactured netting. The boats in the home fisheries are all of the small size characteristic of shore fisheries. The total number of professional and semiprofessional fishermen appears to be about 800, the sail and row boats used in fishing numbering about 350. With better transportation and better facilities for refrigeration there would probably be considerable development of the local fisheries.

### INSPECTION OF PRIBILOF SEAL ROOKERIES.

In July and August, 1898, Mr. Townsend made an inspection of the Pribilof Island seal rookeries, transportation having been furnished on the U.S.S. Wheeling, by direction of the Secretary of the Navy. It was found, by counting all of the seals born on certain rookeries during the season that the seal herd had decreased 22 per cent since 1897. Some of the smaller rookeries have been counted in this way for several years in succession, and the diminution of the herd—due to pelagic sealing—is thus quite accurately gauged. The decrease on St. George Island, where the rookeries average smaller than on St. Paul Island, was especially noticeable, and all of the seals born on that island were counted without difficulty. The total number of pup seals on St. George Island was found to be 17,826, and the number counted on six of the smaller rookeries of St. Paul Island was 13,601. As the larger rookeries diminish and become of such size that the young seals on them can be counted, they are added from time to time to the series of rookeries included in the annual counts of pups—the only class of seals readily available for enumeration.

The rate of diminution from season to season indicates that it will not be long before we shall be able to state the actual number of seals born each year. Such conditions indicate forcibly the reduced size of the herd. The number of surplus male seals killed on the Pribilof Islands under the supervision of the United States Government was 18,032. This surplus, available for killing without interfering with the breeding stock, grows smaller from year to year. For about twenty years, prior to the expansion of the pelagic sealing industry, the number of surplus males annually placed on the market was 100,000. The total pelagic catch from the American seal herd during the year was 28,142 seals. Pelagic sealing was engaged in by 35 Canadian vessels, 17,396 seals being killed in Bering Sea in waters adjacent to the

Pribilof Islands, and 10,746 in the Pacific Ocean during the northward migration of the herd.

The pelagic seal industry—based almost entirely upon the capture of breeding females—has been diminishing for several years. Although the present reduced fleet made a slightly larger catch in 1898, it was due to its having concentrated upon the American herd, the pursuit of the Asiatic herd having been practically abandoned. Upon the return of Mr. Townsend a report on the condition of the American herd as observed on the Pribilof Islands during the season was presented to the Secretary of the Treasury in compliance with the act of Congress requiring such investigations and reports by the Fish Commission.

### THE WHALE FISHERY.

The American whale fishery has been declining for many years. The yield of whale products for 1898 was, however, larger than usual, the importations amounting to 12,520 barrels of sperm oil, 5,295 barrels of whale oil, and 246,120 pounds of whalebone. About 56 vessels now comprise the American fleet, 23 of which are engaged in the Pacific Ocean and 33 in the Atlantic Ocean. The fleet is credited as follows: New Bedford, 25; Provincetown, 10; Boston, 4, and San Francisco, 17.

The increase in the value of the catch in 1898 was due chiefly to the large catch of bone made by the Pacific fleet in the Arctic Ocean, where 140 bowhead whales were taken. The vessels engaged in taking sperm whales number about 17 in the Atlantic and 4 in the Pacific.

An interesting fact in connection with the yield of oil was the taking of 1,700 barrels of sea-elephant oil by the bark Swallow, of Boston. This vessel arrived at Kerguelen Island in December, 1897, and in three mouths secured about 4,000 sea elephants. The Kerguelen Island seal fishery has not been regularly prosecuted for many years, the only other vessel which has taken seals there being the Francis Allen, of New London, which visited the island four years prior to the Swallow. The larger animals taken by the Swallow yielded about 8 barrels of oil apiece. It is proposed to send this vessel to Kerguelen again during the coming winter.

### FISHERIES OF SAN FRANCISCO.

Mr. A. B. Alexander, fishery expert of the steamer Albatross, was engaged during the year 1898 and for some time in 1899, in collecting monthly statistics of the yield and value of the fisheries of San Francisco. The fisheries conducted from this port yielded 39,549,639 pounds of products, valued at \$7,333,244. In addition to important local fisheries, the whale fishery and most of the fisheries of Alaska are conducted from San Francisco, together with certain fisheries of Oregon and Washington.

Salmon is the leading feature of the fisheries centered at this port, the quantity landed there in 1898 from Alaska Territory, the Sacramento and other rivers being valued at \$5,249,866. The products of the whale fishery were valued at \$705,107. The oyster industry of San Fran-

cisco Bay, based on transplanted eastern oysters, has the third place, the quantity marketed being worth \$482,604. Fur-seal pelts from the Pribilof Islands are stated at \$350,000. The Chinese shrimp fishery of San Francisco Bay yielded \$93,623 worth of products, and the cod fishery was worth \$66,058. The sea otter catch landed at San Francisco was valued at \$30,000; this fishery, conducted off the coast of Alaska, is declining rapidly, only 154 skins being entered at the custom-house, as prescribed by law, during the year. Other important items are based on the numerous species abundant in local waters. Such species, while of very moderate value, are taken in large quantities and comprise the greater part of the fish-food supply of the city and region. Prominent among these are the introduced shad and striped bass, the catch of the former amounting to 435,718 pounds, worth only \$7,841, and the latter 421,663 pounds, worth \$19,707.

The following table shows by months the quantities and values of fishery products recorded as landed at San Francisco during the year, these figures not including large amounts of which no records could be found:

Statement of quantities and values of fishery products recorded as landed or prepared at San Francisco in 1898.

[Pacific coast products only. Information derived from all available sources. Large sales of products are made, of which no records are kept, and which therefore can not be enumerated.]

	Janu	ary.	Febru	ıry.	Mar	oh.	Apri	1.	May	·
Species.	Pounds.	Val.	Pounds.	Val.	Pounds.	Val.	Pounds.	Val.	Pounds.	Val.
Barraouda			21, 959	\$769	24, 200	\$887		:s1, 056	16, 582	
Cat-fish	8, 769	\$188		280	5, 490		7, 240	354	9, 433	
Carp and chubs	29, 288			333	46,000		46,758	468	2, 200	17
Cultus and	5, 800		5, 145		6,820				6, 574	104
Cultus-cod					185, 000				200, 931	4.139
Flounders	173, 600				68, 400					
	35, 346		56, 400		205, 000					
	375, 500		325, 500			10,010	10,000	100	6, 726	135
	1,620	05	1, 225	49					1, 804	
Mackerel Perol										
	10, 80	l 194	7,418	212	6, 200	186				
4\U8:K.#61.	32, 37	908	53, 133	1, 275	90,000		82, 460			
	312,88	9,529				6, 211	332, 072	9, 962	513, 631	
	015,00	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	148						2,528	
	15, 696	314				1, 255	115, 175	2, 151	65, 343	980
Smelt.	49.62							1, 273	21, 467	859
Striped										1,793
	18, 20	1,520				67		2, 27		1
Sturgeon	22, 20		37, 381		0,07			138	6, 852	206
Tomcod.	3, 18	5 27	968	84	2, 672	90	4,020	1 100	6, 420	
					*********		130,000	1 070		
	122, 50	4, 375	124,500	4, 625	122,000	4,066	180,000	4,010	121, 200	7,040
			ļ					Jua	816,000	20. 400
	1, 334, 00	55, 025	1, 329, 000	49, 837	1, 077, 000	40, 387	1,024,000	38, 400		
	111 70	2, 234	119, 200	2, 384	102, 300	2,046	108, 674	$\frac{1}{2}$ , 173	101, 422	2,020
	111,10	_, _, _	720,000	_, -	ŀ	ì				١
	50.40	o <sup>l</sup> 1,723	2,400	69	10,800	)j 313	9,000			1,015
shells. Crabs.		1,788			24, 560	1,351	18, 724	1, 123	79, 920	4,795
Spiny lab.				505	14, 87				4,330	130
Spiny lobster	26, 77	5, 723	10, 529	505	11,000	-	1		i	
	i	ا		4 000	96, 60	4, 830	01 849	4, 592	93.000	4,650
Shring	94,00	0 4,700	93, 250	4, 662	50,00	4,000	01,011	, 2,002	1 00,000	2,000
	1				00.00	4 070		2 054	20 000	2, 690
dried Terrania	23, 30	$0^{1}$ 1, 570	41,600	2,831	68, 00	4,679	50, 500	3,854		
		.!							710	
Green turtle	5, 28	0 120	770	18						
Miscellaneous	13 64	2 1, 167			10, 45	8 238	5,850	106	15, 434	469
					<u> </u>	-	<u> </u>		·	·i
Total	9 012 10	2 06 492	9 855 589	89, 797	2, 379, 59	781, 930	2.448, 289	81, 213	2, 339, 307	76, 400
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Quantities and values of fishery products at San Francisco in 1898-Continued.

	Jur	16.	July	· [	Augu	st.	Septen	ber.
Species.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value
Barracuda	10, 162	\$203	15, 502	\$310	64, 960	\$984	21, 536	\$21
Cat-fish	6,917	208	5, 689	228	2,000	66	1,457	58
Carp and chubs	1,800	14	620	6	<b></b>			
Cultus-cod	5, 780	135	8, 179	104	16, 616	250	11,000	22
Flounders	169, 814	3, 396	280, 812	4,212	364,000	5,460	412,000	8,24
Halibut		1, 171	52, 220	1,561	37, 263	1, 118	35, 246	79
King-fish		299	10, 467	314	8, 490	221	7, 322	11
Mackerel	589	24	14,006	280	33, 014	660	18, 882	28
Perch	9, 839	197	13, 185	464	14, 787	296	2,437	2
Rock-fish		1, 594	46, 546	1,629	43,552	871	47, 703	1, 19
Salmon, fresh		7, 585	182, 772	9, 139	369, 393	14,776	188, 242	2, 82
Sea bass		827	131, 518	3, 283	178, 962	3, 579	191, 014	3, 34
Shad		405	1,900	88	1,642	57	300	1
Smelt		454	32,078	962	29, 025	1, 161	40,907	1, 63
Striped bass		1, 163	17, 707	708	7, 612	304	18, 764	75
Sturgeon			l		١		10,706	47
Tomcod	4,496	146	16,702	585	21,613	751	13,822	22
Trout		532	8.473	1, 271	4, 123	1,048	2,807	70
Ovsters, native		4, 100	116,000	4, 350	120,000	4,500	140,000	5, 25
Oysters, eastern, transpl'd		27, 600	743, 000	27, 862	739, 000	27, 712	1, 072, 300	40, 21
Clams.		1,445	75, 355	1.570	63, 110	1,322	95,000	1,90
Abalone, meat and shells		2,210	9,000	261	13, 200	383	62,600	1,81
		3,765		5,943	118, 610	6,528	90, 630	4,07
Crabs Spiny lobster	00,007	1 2,730	23, 137	810	37, 065	1, 112	22, 900	68
Shrimp and prawn, fresh	67, 750	3, 387		3, 212	66, 500	3, 325	98, 000	4, 90
Chains and brown, item		6,042	02,200	1 ' .	112,000	7, 750	158, 100	6, 22
Shrimp and prawn, dried Terrapin		46	2, 125		2,725	340	2, 325	41
Green turtle		200	4, 950	113	5, 940	135	6, 380	14
Miscellaneous			14,511	657	17, 679	756	35, 242	1,00
								87, 78
Total	1, 903, 452	00, 382	2, 022, 784	10, 123	2, 402, 881	100, 400	2, 001, 122	1 07, 10

	Octol	er.	Noven	ıber.	Decen	iber.	Total.		
Species.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	
Barracuda	18, 384	\$183	5, 085				233, 570	\$5, 260	
Cat-fish	4, 432	177	3,465	138		\$256	62, 759	2, 477	
Carp and chubs	1, 652	16	9, 920	99	19, 090		201, 725	1, 723	
Cod, salted, from Alaska	·	1				<b>.</b>	1, 984, 600	66, 058	
Cultus-cod	12,000	240		245		252	103, 806	2, 470	
Flounders	342,000	6,840	324,000	8,100	301,000	7, 525	3, 096, 557	58, 06	
Halibut*	42,765	1,069	60, 883	1, 520	32, 255		528, 092	14, 40	
Herring			23, 717	474			1, 084, 242	15, 40	
King-fish			1, 545				66, 486	1, 36	
Mackerel	624	12			_, _,		68, 919	1, 32	
				183	8, 203	205	106, 544	2, 60	
Perch							614, 147	16, 66	
Rock-fish							2, 983, 197	101, 83	
Salmon, fresh	76,722					12, 138		164, 82	
Salmon, salted				• • • • • • •		• • • • • • •	4, 709, 200		
Salmon, smoked							45, 600	6, 922	
Salmon, canned						[ • • • • • - · · ·		4, 976, 78	
Sea base	165, 572	2,483	15, 907				720, 042	14,00	
Shad	9,656	886	38, 861	777	52, 484	918	435, 718	7, 841	
Smelt		2,975	33, 598	2, 182	9, 660	676	873, 521	14, 74	
Striped bass							421, 663	19, 70	
Sturgeon	17, 606						125, 324	6, 29	
Sturgeon	6, 987						100, 297	2, 96	
Tomcou	6, 187					1 000	38, 901	6. 22	
Trout			140, 000			5, 512	1,531,700	56, 51	
Oystors, natived	186,500						12, 738, 800	482, 60	
Oysters, eastern, transpl'd Clams	1, 184, 000		1, 340, 000		1, 344, 000	50, 400		24, 32	
Clams	109,000						1, 210, 456		
Abalone, meat and shells	27, 800						326, 400	9, 46	
Crabs	119,552	4,782					1, 029, 908		
Spiny lobster	20,907			564			220, 422	6, 70	
Shrimp and prawn, fresh	99,000	4,950	94,000				1,053,692	52, 68	
Shrimp and prawn, dried		1,568	12,000	773		2, 956	696, 800	40, 94	
Terrapin		897		232	765	202	12, 125	1, 88	
Green turtle	2, 0 <b>2</b> 5 7, 810	178	5,720	130	8, 080	76	72, 820	1, 656	
Walnus twony	1,020	1		1			9, 510	5, 23	
Green turtle							200, 918	620, 75	
Whole of		i	<b></b>	l	I		1, 003, 613	26, 76	
Whale oil		i · · · · · · · · · ·	l <b></b>	l	l		* 1, 079, 818	57, 59	
Sperm 011		·····		i	I		-1, U10, 010	850.00	
Fur-seal pelts				· • • • · · ·	·····		1 577		
Sea-otter pelts		1	····	····:			ا ما	80, 80	
Miscellaneous	58, 330	[1,206]	; 31, 191	711	20, 672	684	252, 252		
Total	0 717 106	07 104	O OFF CEO	1101 7714	0 072 247	104 100	20 540 620	7 333 94	

<sup>\*</sup>Includes true halibut from northern waters.
b Includes 3,658,600 pounds from Alaska.
c904,216 cases from Alaska, 20,963 from Sacramento River, and 273,902 from other sources.
from Willapa Bay, Washington.

<sup>•</sup> Includes shrimp shells prepared for fertilizer. 133,855 gallons. 143,975 gallons. 143,975 gallons. 158,032 skins. From Pribilof Islands. 154 skins. From Alaskan waters.

### FISHERIES OF BOSTON AND GLOUCESTER.

The agents of the Commission stationed at these ports have made reports which show a general increase in the quantity and value of fishery products landed, the increase as compared with 1897 being 16,542,142 pounds worth \$110,453. The quantity of products landed by American vessels during the year was 143,407,740 pounds, valued at \$2,989,088. The total number of fares was 6,932.

The total number of fares landed at Boston was 3,491, of which 3,381 were from grounds off the New England coast and 110 from the eastern banks. The total quantity of fish landed at Boston was 54,679,570 pounds, 53,493,670 pounds being fresh and 1,185,900 pounds salted. The value of this catch was \$1,041,640. There has been a decrease in the fisheries of Boston of 8,223,988 pounds and \$188,404 since 1897.

Quantities and values of certain fishery products landed at Boston by American fishing vessels during 1898.

	No. of	C	od, fr	esh.	Cod	, sal	ted.	Cusk,	fresh.	Haddock,	fresh.
Fishing-grounds.	trips.	Pour	ıda.	Value.	Poun	ls.	Value.	Pounds.	Value.	Pounds.	Value.
East of 66° W. long.: La Have Bank Western Bank Quereau Bank Grand Bank	32 27 2 2	395	, 500 , 000 , 000	\$6, 688 6, 827 1, 050	25, v	00	\$500	122, 000 113, 000	\$1, 321 1, 183	142, 000 11, 300	\$3, 178 185
Off Newfoundland Cape Shore	21 26	304	,000	6, 220		···¦:	•••••	86, 000	1, 103	235, 000	4, 725
Total	110	1,045	500	20, 785	25, 0	00	500	321,000	3,607	388, 300	8, 088
West of 66° W. long.: Browns Bank Georges Bank Cashes Bank Clark Bank Tillies Bank Middle Bank Jeffreys Ledge Lpswich Bay South Channel Nantucket Shoals Off Highland Light Off Chatbam Off Race Point Block Island Shore, general Total Grand total	24 238 10 3 1 304 211 1 500 120 140 83 47 16 1,608 3,381	2, 004 94 22 8 8 675 404 4, 106 1, 729 4391 143 68 3, 373 13, 837	,500 ,000 ,000 ,750 ,500 ,000 ,800 ,400 ,700 ,400 ,500 ,350	8, 351 37, 485 2, 010 555 600 16, 302 9, 556 88, 068 29, 340 9, 710 8, 480 3, 408 1, 417 81, 466 206, 294 317, 079	45, 0 	00	<u> </u>	135, 000 224, 700 31, 000 127, 1000 127, 1000 147, 0100 84, 400 25, 200 180, 300 1, 433, 100	2, 488 350 5, 930 1, 744 1, 881 1, 222 2, 060 1, 045 295 1, 791 20, 534	537, 500 4, 250, 800 73, 000 96, 000 4, 000 1, 711, 500 249, 550 936, 400 788, 900 145, 300 239, 100 3, 980, 150 21, 381, 000	
_	H	ake, fi	esh.	l Po	llock,	rosl	i.	Halibut,	resh.	Halibut,	salted.
Fishing-grounds.	Pou	nds.	Valu	e. Pou	nds.	Val	ue.	ounds.	Value.	Pounds.	Value
East of 66° W. long.: La Have Bank Western Bank Quereau Bank Grand Bank	12	B, 000 0, 000	\$1,76 9	41	3,500 7,000		130	267, 700 5, 000	\$14, 192 22, 917 600	250, 000	\$7,65
cahe grote	9	7, 000	8	77 1	4, 300		112	45, 800	4,714	<u></u>	
Total	42	5, 000	3, 5	21 3	4,800 i	:	335	506, 400	42, 423	250, 000	7, 68

Quantities and values of certain fishery products landed at Boston by American fishing vessels during 1898—Continued.

Fishing-grounds.	Hake,	fresh.	Pollock	fresh.	Halibut	, fresh.	Halibut,	salted.
Fishing-grounds.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
West of 66° W.long.: Browns Bank Georges Bank Cashes Bank Clark Bank	58, 000 758, 600 78, 000 29, 000	\$672 9, 296 835 315	10,000 40,300 2,800 1,000	\$142 490 26 15	54, 200 115, 075 1, 800 200	\$3, 296 10, 332 164 12		
Tillies Bauk Middle Bauk Jeffreys Ledge South Channel Nantucket Shoals Off Highland Light Off Chatham	2,000 490,730 611,700 2,749,000 18,700 189,400 203,900	10 4, 490 5, 508 23, 592 167 1, 560 1, 454	68, 400 106, 409 197, 400 47, 400 13, 700 29, 000	889 1, 115 1, 682 290 210 354	800 3,900 71,810 700 1,400 1,300	113 326 6, 830 87 167 195		
Off Race Point Block Island Shore, general Total	66, 300 1, 701, 700 6, 957, 430 7, 382, 430	6 483 18, 626 67, 014 70, 535	86C, 900 1, 377, 300 1, 412, 100	6, 107 11, 320 11, 655	11, 000 262, 185 768, 585	1, 189 22, 710 65, 133	250, 000	\$7,650
Grand total	1,002,900	10,000	1,412,100	11,009	<u> </u>	<u> </u>		
Fishing-grounds.	Mackerel	, fresh.	Mackerel,	salted.	Miscella fres	ueous, h.	Miscella:	
	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
East of 66° W. long.: La Have Bank Western Bank Off Newfoundland Cape Shore Total			86, 200 86, 200	\$4,586 4,586	7, 350 4, 000 3, 775, 000 3, 786, 350	\$295 100 64, 389	21, 000 400, 000 5, 000 426, 000	\$400 5,800 100 6,300
West of 66° W.long.: Georges Bank Middle Bank	26, 900	\$2,904	130, 800	4, 286	618, 200 500	26, 560 10 23	23, 000	460
Jeffreys Ledge South Channel Block Island	2, 100	128	30, 000	1,275	400 46, 200 2, 800	3, 020 242		
Shore, general	410, 755	23, 248 26, 280	167, 900 328, 700	8, 188 13, 740	1, 298, 550	18, 894	2, 000 25, 000	45 505
Grand total	439, 755	26, 280	414, 900	18, 335	5, 084, 900		451, 000	6, 805

Fishing-grounds.	Pounds.	1				
		Value.	Pounds.	Value.	Pounds.	Value.
East of 66° W. longitude:						
La Have Bank	992, 250	\$27,507	21,000	\$400	1, 013, 250	\$27, 907
Western Bank	918,000	32, 246	25,000	000	943, 000	32, 746
Quereau Bank	40,000	1,650		. <b></b>	40,000	1,650
Grand Bank	l		250,000	7,650	250,000	7, 650
Off Newfoundland	3, 775, 000	64, 389	400,000	5,800	4, 175, 000	70, 189
Cape Shore	782, 100	17, 751		4,686	873, 300	22, 437
Total	6, 507, 350	143, 543	787, 200	19, 036	7, 294, 550	162, 579
West of 66° W. longitude:						
Browns Bunk	1, 185, 200	22, 172		i	1, 185, 200	22, 172
Georges Bank		146, 212	198, 800	5, 796	8, 238, 075	152, 008
Cashes Bank.	281, 190					4, 567
Clark Bank						1.904
Tillies Bank		150				150
Middle Bank		60, 901				60, 901
Jeffreys Ledge	2, 142, 900	87, 538			2, 142, 900	37, 638
Ipswich Bay	4,000	80	1 <i></i>	<b></b>	4,000	80
Ipswich Bay	14, 832, 310	258, 418	30,000	1, 275	14, 862, 310	254, 688
Nantucket Shoals	2, 085, 350	85, 782			2, 085, 350	85, 782
Off Highland Light	1,712,800	80, 329			1,712,800	30, 829
Off Chatham	1.498.300	26, 741			1, 498, 300	26, 741
Off Race Point	814, 300	6, 434				6, 434
Block Island	376, 700	5, 191		<b></b>	876, 700	5, 191
Shore, general	11, 148, 605	232, 848	169, 900	8, 233	11, 318, 505	240, 576
Total	46, 986, 820	863, 757	398, 700	15, 304	47, 385, 020	879, 061
Grand total	53, 493, 670	1,007,300	1, 185, 900	34, 340	54, 679, 570	1, 041, 640

The fish landed at Gloucester amounted to 88,724,170 pounds, valued at \$1,947,448. Of the total quantity, 54,386,779 pounds were fresh and 34,337,371 pounds salted. 3,441 trips were landed at Gloucester, an increase of 1,050 trips since 1897. 2,588 trips were landed from grounds off the New England coast and 853 from the eastern grounds. There has been an increase in the fisheries of this port of 24,762,130 pounds, and an increase in value of \$298,857. During the year the fresh-fish industry of Gloucester increased 21,426,538 pounds over the amount landed in 1897, the increase in value amounting to \$249,101.

Quantities and values of certain fishery products landed at Gloucester by American fishing vessels during 1898.

Tat. A.	No.	C	od, fr	esh.		C	od, sa	lted	•	C	usk,	fresh	ι.	Cusk,	salted.
Fishing-grounds.	of trips	Pour	ds.	Val	lue.	Pou	nds.	٧a	due.	Pou	nds.	Val	ue.	Pound	Value
East of 66° W. long.: La Have Bank Western Bank Quereau Bank Green Bank Green Bank Green Bank St. Peters Bank Bacalieu Bank Off Nowfoundland Cape North Cape Shore. Gulf of St. Lawrence Total West of 66° W. long.: Browns Bank Georges Bank Cashes Bank Middle Bank Jeffreys Ledge Ipswich Bay South Channel Nantucket Shoals Off Chatham Block Island Shore, general	51 800 488 7 51 11 853 5 579 178 31 98 8 1 81 10	31, 859, 1, 894, 104, 382, 51, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	505 578 069 210 440 756 255 578 655	75,  5,  162, 27, 2, 8, 1,	197	4, 156 344 225 11, 233 283 118 16, 722 6, 944 2, 616	1, 085 5, 000 2, 940 7, 000 5, 000 3, 207 7, 960 3, 800	113, 9, 220. 1, 6, 3, 371. 225	727 813 346 878 750 698 861 486 714 709 379 788	75 1,364 75 153 1,278 42 117	, 760 , 571 , 890 , 426 , 951 , 733 , 349	15. 1, 14, 1,	82 	2,000 11,000 13,000 14,000 80,190	248 293 310 1,792
Grand total				279,		26, 41	<del></del>	-	==	3, 163		=	070	107, 190	= ====
Fishing-grounds.	Po	llock, i				lock,	salted Valu	-	Hal	libut, nds.	fresi Val	[		libut, d	value.
East of 66° W. long.: La Have Bank Western Bank Quereau Bank Green Bank Grand Bank St. Peters Bank Bacalieu Bank Off Newfoundland Cape North Cape Shore Total		11, 243 72, 615 280 84, 138	4	145					238 2, 078 241 147 140 2, 930 316 178	3, 495 3, 633 1, 600	134, 134, 14, 6,	798 804 702 139 055 799 115 807	1, 6	 !	\$140 8, 215 52, 875 56, 230
West of 66° W. long.: Browns Bank. Georges Bank Cashes Bank Middle Bank Jeffreys Ledge Ipswich Bay. Nantucket Shoals Off Chatham Shore, general Total Grand total.	3 2,2 2,8	3, 604 49, 586 68, 530 4, 630 8, 149 1, 200 6, 356 77, 985 52, 961 68, 001	2, 3 13, 3 17, 1	001 38 65 7 31 349 358	2	0, 000 0, 000 0, 000	\$2 2	:::	647	100	50,	9			

# CLVI REPORT OF COMMISSIONER OF FISH AND FISHERIES.

Quantities and values of certain fishery products landed at Gloucester, etc.-Continued.

	Ha	ddoc	k, fresl	ı.	Haddoo	k, salt	ed.	H	ake, f	resh.	H	ake, t	alted.
Fishing-grounds.		nds.	Valu		Pounde	. Val	ue.	Pou	nds.	Value	Pou	nds.	Value
East of 66° W. long.: La Have Bank Western Bank	4, 21	6, 192 3, 475	4, 2	27	22, 00	0   \$	275	83	98, 368 19, 261	\$20, 20 6, 13	8	000	\$20
Cape Shore		0, 512			22, 00		275		1, 510 9, 139	26, 65		000	20
Total	4, 03	0, 170	45.0	38	22,00	=	. 77	3,00		20,00	= ====		
West of 66° W. long.: Browns Bank. Georges Bank Cashes Bank Middle Bank Jeffreys Ledge Inswich Bay Nantucket Shoals.	4, 03 88 17 42	5, 723 9, 335 2, 394 2, 293 3, 918 850 3, 764	53, 8 6, 0 2, 6 5, 7	98   57	14, 820		164	20 4,91 5	3, 733 00, 712 8, 783 3, 629 9, 205	2, 87 33, 27 61 2, 88	6 0   7   8	800	
Shore, general	55	4, 167	10, 9	11			<u></u> :		3, 392	7, 47	4	· · · ·	
Total	6, 08	2, 444	79, 3	51	14, 820	<u> </u>	164	6,45	0,004	47, 32	4 2	800	;
Grand total	10, 71	2, 623	124, 3	90 }	36, 820	o	139	10, 11	9, 143	73, 98	1   18,	800	2
731-1	Mack	erel,	fresh.	М	ackerel,	salted	l.	Other	fish,	fresh.	Other	fish	salted
Fishing-grounds.	Poun	ds.	Value.	P	ounds.	Value	3.	Poun	ds.	Value.	Pour	ıds.	Value
East of 60° W.long.: La Have Bank Off Newfoundland Cape Shore		500	\$220		610, 200	\$36, 44		2, <b>38</b> 2,	02 <b>7</b>   875   4	\$26 10, 531	4, 023,	975	\$61,5
Gulf of St. Lawrence.		· · · ·   ·			77, 400	9, 87							<u></u>
Total	3, 0	300	220	_ •	6 <b>87</b> , 600	46, 3	16	2, 383,	902 4	10, 557	4, 028,	975	61,5
West of 66° W. long.: Georges Bank	172,		10, 496		317, 600	16, 01		79, 29, 5, 2,	906 480 237 000	2, 184 2, 358 419 100			
Block Island Shore, general	21, 6 23 <b>6,</b> 6	000	1, 258 15, 090		283, 000   518, 600	16, 72 2 <b>2</b> , 96	32   .	· • • • • • • •		· • • • • • • • • • • • • • • • • • • •	160,	600	2, 90
Total	480,		26, 844	1,	11 <b>9</b> , 2 <b>0</b> 0	55, 70	1	116,	623	5, 061	160,	600	2, 90
Grand total	434, (	000	27, 064	1, 8	806, 800	102, 01	7	2, 500,	525 4	15, 618	4, 184,	575	64, 45
		=· <u>'</u> -	Total,	fre	sh.	<u> </u>	Tota	al, salt	led.	<u>.</u>	Grane	l tota	d,
Fishing-grounds.		Po	unde.		Value.	Por	baı	s. \	Zalue.	Po	unds.	v	alue.
East of 66° W. long .: La Have Bank Western Bank Quereau Bank	. <b></b> .	6,8	305, <b>2</b> 56 386, 245 078, 908		\$202, 791 107, 972 148, 604	4, 1	58, 0 78, 5	83   1	313, 451 114, 164 9, 727	11,0	63, 342 64, 828 22, 993		\$216, 24 222, 13 158, 33
Green Bank	· • • · • • • • • • • • • • • • • • • •	1	41, 239 47, 827 40, 105		13, 702 8, 139 6, 055	11, 3	<b>2</b> 5, 0 23, 1 2 <b>7,</b> 0	00 05 2 00	613 23, 561 878	$\begin{bmatrix} 1 & 2 \\ 1 & 1 & 4 \\ 3 & 1 & 1 \end{bmatrix}$	66, 239 70, 932 67, 105		14, 51 231, 70 6, 93
Bacalieu Bank Off Newfoundland Cape North	· • • • • •	2,6	930, 274 999, 370 173, 633		134, 799 54, 646 6, 307	4,0	75, 0 77, 1 87, 9	82	53, 625 63, 217 6, 861	7   6,7	05, 274 70, 552 61, 593		188, 43 117, 86 13, 10
Cape Shore			49, 827		7,487	7:	56, 0 77, 4	00 !	40, 380	)   1,2	05, 827	<u> </u> -	47, 86
Total		30, 0	52, 684		690, 502	23, 2		;	9, 870 36, 547		77, 400 82, 085		9, 87 , 227, 04
West of 66° W.long.:					:::=	= = ====				= =		<del></del> -	
Browns Bank Georges Bank Cashes Bank Middle Bank Jeffreys Ledge	• • • • • • • • • • • • • • • • • • •	7, 0 9, 1 3 1, 2	64, 791 102, 157 173, 778 178, 041 166, 722		3, 211 155, 668 85, 474 6, 342 18, 422	7, 3	34, 5 50, 2 25, 0	16 2	1, 019 243, 293 788	14, 8 9, 1 9, 1 1, 2	99, 291 52, 873 98, 778 78, 041 66, 722		4, 23 398, 96 8 <b>6</b> , 26 6, 34 18, 42
Ipswich Bay South Channel Nantucket Shoals Off Chatham Block Island		1 3	53, 305 2, 000 21, 248 85, 640 21, 600		859 100 1, 435 2, 443 1, 258	2	34, 0 20, 0 33, 0	00 00	66, 215 250 16, 722	2, 7	53, 305 2, 000 55, 302 05, 640 04, 600		85 10 67, 65 2, 69 17, 98
Shore, general	•••••	<u> </u>	64, 833		88, 823		31, 2		28, 077	-1	26, 033	ļ	720, 20
TOMIT	••••		34, 115		364, 035	11, 10	<del></del> -	~~	56, 364	<del>-</del>	42, 085	<u>.</u>	720, 39
Grand total	•••••	54, 3	86, 799	1,	, 054, 537	34, 3	37, 3	71 8	92, 911	88,7	24, 170	i 1	, 947, <del>4</del> 4

The following table shows, by months, the quantity and value of fish landed at Boston and Gloucester during the year 1898, and is chiefly interesting as showing the regularity with which the great fishery based on halibut and species of the cod family is conducted during the different seasons of the year:

Statement by months of quantities and values of certain fishery products landed at Boston and Gloucester by American fishing vessels during 1898.

				•	j		outp with	ring 1000.		
Months.	No. of	Cod, fre	sh.	Cod, sa	lted.	Cusk,	fresh.	Cusk, salted	. Haddock	fresh.
	tripa.	Pounds.	Value.	Pounds.	Value	. Pounde	s. Val.	Lbs. Val	Pounds.	Value.
Boss	<b></b> -			I		!		'	}	
Boston:	205	801 800	£12 202		,	20,00	00 \$256		1, 464, 500	\$22, 707
January February March	203 257	880 400	23 484			64,00	00 710		2, 445, 200	39, 868
March	399	1, 921, 500	36, 028			127, 40	00 1, 437	'	4,073,600	47, 590
April	200	1, 119, 700	22, 181			. 201, 00	00 2,045		- 1,608,800	32,091
May. June	338	1,301,100	20, 354	,		573, 90	00 8,009		-1, 200, 350	15, 460
Juno	252	1, 314, 050	30, 097			. 291, 60 . 34, 50	00 6,350		1,031,300	21, 101 24, 423
July August	275 291	1,763,800 1,630,500	20, 100				00 290		2. 281. 400	34.069
OUDIAM hor	244		32. 855			. 125,40	00 1, 276		. 1,890,300	37, 516 41, 708
October	352	1, 440, 100	36, 360			. 98, 40 . 128, 80	00 1,051		- 1, 905, 300	41,708
TIUVENIBAT	368	988, 850	21, 150			. 128, 80	00 1,306		1,431,400 634,500	87. 107 25, 295
December		638, 700			1,050	04, 10				
	3, 491	14, 882, 500	317, 079	70, 00	1,55	0 1,754,10	00 24, 141	<u> </u>	. 21, 769, 300	878, 944
Gloucester:	,	, <u></u>		-		1		1	i	
Uannarn.	377	1, 264, 155 1, 172, 511	28, 510 26, 324 40, 822 32, 733	298, 100 490, 120	9, 70	1 231, 70	00 2, 543	¦	2, 571, 500 2, 088, 600	28, 636
£ (31) £110 t.a.	350	1, 172, 511	26, 324	490, 12	15, 95	0 259, 80 0 295, 38	00 2,818		. 3, 166, 106	24, 046 24, 620
-u arch	331	2,821,413	20, 822	1, 266, 97 464, 32	41, 480 14, 38	3 238 7	18 2 597	12,000 \$27	0 391,507	2, 804
April May	194 226	1 130 385	17, 013	1, 312, 66	39, 81	7 478.6	13. 5, 951	11,000, 23	4 395, 823	3, 349
May June	309	906, 867	14, 552	2, 713, 713	73, 340	6] 603, 63	53, 7,011	16,000 35	6 255, 231	1.763
July	302	806, 478	10,725	6.364.56	130, 31	6 382, 53	18 4, 178	35, 690 80		1,447
July August	228	2, 821, 413 2, 801, 133 1, 130, 385 906, 867 806, 478 1, 433, 448	19, 205	2, 714, 23	65, 85	127,0	19 1,271 92 1,407	21,500 48	105,772	708 817
October .	205	1,011,410	. 21,200	2, 497, 71° 2, 704, 93		2 175 36	04 2,017	11.000 24		3,601
September October November	391	1, 175, 632	21, 995			7 167, 31	96 1.947		. 440, 516	8,670
December	211		23, 212	567, 19		1 80, 2	35 1, 130	. <b></b>	710, 784	24, 368
Total.	3.441	16. 792, 005	279, 872	26, 416, 02	666, 81	93, 163, 93	33 36, 070	107, 190 2, 39	5 10, 749, 443	124, 829
Grand total										
	0,002	01, 011, 000	000,001			1			1	-
		- Hake	frosh.	Po	llock, fr	esh.	Halibu	t, fresh.	Halibut, e	alted.
Months.	.							<del></del>		
_		Pounds.	Val	ue. Pou	nds. 🖂	Value.	Pounds.	Value.	Pounds.	Value.
Dest	<del></del> [									
Boston:			1							
January	. 1		!	000	. 500	*600	E 101	4791		
	.:	291, 30	93,	233 3	3, 500	\$688 470	5, 12:	5 <b>\$</b> 721 2 068		<b></b>
March		291, 30 416, 43	0 i 5.	233 3 891 2 942 3	3, 500 5, 500 3, 000	47U	5, 12, 19, 10, 139, 70	\$721 2,068 9,480		
March April	.:	291, 30 416, 43 304, 00 338, 20	$\begin{array}{c c} 0 & 5, \\ 0 & 3. \end{array}$	233 3 891 2 942 3 810 8	3, 500 5, 500 3, 000 4, 300		19, 100 139, 700 149, 900	2,068 9,480 14,128		
March April May		291, 30 416, 43 304, 00 338, 20 190, 70	$\begin{array}{c c} 0 & 5, \\ 0 & 3. \end{array}$	233 3 891 2 942 3 810 8 905 37	3, 500 5, 500 6, 000 4, 300 7, 700	470   550 619 1, 953	19, 100 139, 700 149, 900	2,068 9,480 14,128		
March April May June		291, 30 416, 43 304, 00 338, 20 100, 70 503, 10	0   5, 0   3, 0   3, 0   1,	891 2: 942 3 810 8: 905 37:	5, 500 8, 000 4, 300 7, 700	470   550   619   1, 953   1, 021	19, 100 139, 700 149, 900 170, 100 83, 200	2,068 9,480 14,128 12,423 5,285		
March April May June July August		291, 30 416, 43 304, 00 338, 20 100, 70 503, 10 393, 10	0   5, 0   3, 0   3, 0   1, 0   4,	891 2 942 3 810 8 905 37 932 18 063 6	5, 500 8, 000 4, 300 7, 700	470 550 619 1, 953 1, 021 421	19, 100 139, 700 149, 900 170, 100 83, 200 78, 300	2,068 9,480 14,128 12,423 5,285 5,567		
March April May June July A uguat September		291, 30 416, 43 304, 00 338, 20 190, 70 503, 10 393, 10 474, 40	0   5, 0   3, 0   3, 0   1, 0   4, 0   3, 0   4.	891 2 942 3 810 8 905 37 932 18 063 6	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 000	470 550 619 1, 953 1, 021 421 1, 207 1, 699	19, 100 139, 700 149, 900 170, 100 83, 200	2,068 9,480 14,128 12,423 5,285 5,567 1,849 3,019		
March April May June July August September October		291, 30 416, 43 304, 00 333, 20 100, 70 503, 10 393, 10 474, 00 828, 40	0   5, 0   3, 0   3, 0   1, 0   4, 0   3, 0   4.	891 2 942 3 810 8 905 37 932 18 063 6	5, 500 3, 000 4, 300 7, 700 8, 000 2, 900 3, 000 3, 100 3, 600	470 550 619 1,953 1,021 421 1,207 1,699 1,838	19, 104 139, 700 149, 904 170, 100 83, 200 78, 300 22, 780 22, 060 24, 500	2,068 9,480 14,128 12,423 5,285 5,567 1,849 0 3,019 8,623		
March April April May June July August September October November		291, 30 416, 43 304, 00 338, 20 100, 70 503, 10 393, 10 474, 00 828, 40 1, 817, 70 1, 401, 30	0   5, 0   3, 0   3, 0   1, 0   4, 0   3, 0   4, 0   8, 0   11, 0   9,	891 2 942 3 810 8 905 37 932 18 063 6 326 12 231 14 851 10 627 14	5, 500 6, 000 4, 300 7, 700 8, 000 2, 900 8, 000 8, 100 8, 600 7, 000	470 550 619 1,953 1,021 421 1,207 1,699 1,838 1,385	19, 104 139, 704 149, 904 170, 104 83, 204 78, 304 22, 786 22, 066 24, 506 11, 856	2,068 9,480 14,128 12,423 5,285 5,567 1,849 3,019 0,8,623 0,1,591		
March April May June July August September October November December			0 5, 0 3, 0 3, 0 1, 0 4, 0 3, 0 4, 0 8, 11, 0 9,	891 2.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 000 3, 100 3, 600 7, 000 7, 500	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 338 1, 385 295	19, 104 139, 704 149, 904 170, 100 83, 200 78, 304 22, 786 22, 066 24, 506 11, 856 41, 976	2,068 9,480 14,128 12,423 5,285 5,567 1,849 3,019 3,019 3,623 1,591 5,379	250, 000	<b>\$</b> 7, 650
Marci April May June July August September October November December		291, 30 416, 43 304, 00 338, 20 190, 70 503, 10 474, 00 828, 40 1, 817, 70 1, 401, 30 429, 20	0 5, 0 3, 0 3, 0 1, 0 4, 0 3, 0 4, 0 8, 11, 0 9,	891 2.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.042 3.	5, 500 6, 000 4, 300 7, 700 3, 000 2, 900 3, 100 3, 600 7, 000 7, 500	470 550 619 1,953 1,021 421 1,207 1,699 1,838 1,385	19, 104 139, 704 149, 904 170, 104 83, 204 78, 304 22, 786 22, 066 24, 506 11, 856	2,068 9,480 14,128 12,423 5,285 5,567 1,849 0,3,623 1,591 5,379		
March April April May June July August September November December Total Gloucester:		7, 382, 43	0 5, 3, 3, 0 3, 0 4, 0 4, 0 8, 0 11, 0 9, 0 9, 0 70,	891 2 942 3 8810 8 905 37 932 18 063 6 326 12 231 14 851 16 627 14 724 1 535 1,41	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 000 3, 100 3, 600 7, 000 7, 500	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 338 1, 385 295	19, 104 139, 704 149, 904 170, 104 83, 204 78, 304 22, 786 22, 086 24, 506 11, 856 41, 976 768, 588	2, 068 9, 480 14, 128 12, 423 5, 285 5, 567 1, 849 3, 019 3, 019 3, 019 3, 029 1, 591 5, 379 65, 133	250, 000	<b>\$</b> 7, 650
March April April May June July August September November December Total Gloucester:		7, 382, 43	0 5, 3, 0 3, 0 4, 0 4, 0 8, 0 11, 0 9, 0 9, 0 70, 0 3, 0 3, 0 4, 0 9, 0 9, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 7	891 2 942 3 8 810 8 905 37 932 18 9063 6 9326 12 231 14 851 16 627 14 7724 1 139	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 000 3, 100 3, 600 7, 000 7, 500	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 338 1, 385 295	19, 104 139, 704 149, 904 170, 104 83, 204 78, 304 22, 786 22, 086 24, 506 11, 856 41, 976 768, 588	2, 068 9, 480 14, 128 12, 423 5, 285 5, 567 1, 849 3, 019 3, 019 3, 019 3, 029 1, 591 5, 379 65, 133	250, 000	<b>\$</b> 7, 650
March April April May June July August September November December Total Gloucester:		7, 382, 43	0 5, 3, 0 3, 0 4, 0 4, 0 8, 0 11, 0 9, 0 9, 0 70, 0 3, 0 3, 0 4, 0 9, 0 9, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 70, 0 7	891 2 942 3 8 810 8 905 37 932 18 9063 6 9326 12 231 14 851 16 627 14 7724 1 139	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 000 3, 100 3, 600 7, 000 7, 500 2, 100 =	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 338 1, 385 295 11, 655	19, 104 139, 700 149, 904 170, 101 83, 200 78, 300 22, 78 22, 066 24, 500 768, 589 545, 891 970, 292	0 2,068 9,480 114,128 0 12,423 0 5,567 0 5,567 0 1,849 0 8,623 1,591 0 5,379 0 6,385 0 1,591 0 1,591 0 1,591 0 40,696 1,771 1 40,696	250, 000	<b>\$</b> 7, 650
March April April May June July August September November December Total Gloucester:		7, 382, 43	0   5, 3, 0   3, 0   3, 0   4, 0   8, 0   11, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0, 0   2, 2, 7, 0   4, 0   4, 0   4, 0   5, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0   6, 0	891 2 9942 3 810 8 905 37 932 6 6326 12 231 14 851 16 6027 724 1 139	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 100 3, 100 7, 000 7, 000 7, 500 2, 100 =	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 338 1, 385 295 11, 655	19, 104 139, 701 149, 904 170, 101 83, 201 78, 302 22, 786 22, 066 24, 506 11, 856 41, 976 768, 58:	0 2 068 9, 480 14, 128 12, 423 12, 423 15, 285 1, 849 1, 849 1	250, 000	<b>\$</b> 7, 650
March April April May June July August September November December Total Gloucester:		7, 382, 43	0   5, 3, 0   3, 0   4, 0   4, 0   4, 0   4, 0   4, 0   6, 0   70, 0   70, 0   70, 0   70, 0   70, 0   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1   70, 1	891 2 9942 3 810 8 905 37 932 6 6326 12 231 14 851 16 6027 724 1 139	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 100 3, 100 7, 000 7, 000 7, 500 2, 100 =	470 550 619 1, 953 1, 921 421 1, 207 1, 685 295 11, 655 11, 655	19, 104 139, 701 149, 900 170, 101 83, 201 78, 300 22, 786 22, 606 24, 500 11, 856 41, 977 768, 58: 545, 89: 970, 29: 601, 191 505, 13:	2 008 9 480 9 14, 128 12, 423 12, 423 12, 423 13, 285 14, 128 12, 423 1, 581 1, 581	250, 000	\$7, 650 7, 650
March April April May June July August September November December Total Gloucester:		7, 382, 43	0   5, 3, 0   3, 0   1, 0   3, 0   4, 0   8, 0   11, 0   0   0, 0   70, 0   70, 0   70, 0   70, 0   70, 0   4, 4, 8, 7, 14	891 2 9042 3 810 8 905 37 905 18 8063 6 932 18 851 10 627 14 1535 1,41 139 355 6 619 55	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 100 3, 100 7, 000 7, 000 7, 500 2, 100 =	470 550 619 1, 953 1, 021 421 1, 207 1, 689 1, 338 1, 335 295 11, 655 11, 655 1374 3, 432 1, 372	19, 104 139, 701 149, 904 170, 104 83, 207 78, 304 22, 786 22, 086 24, 506 11, 856 41, 977 768, 585 545, 895 607, 991 970, 292 601, 194 505, 131	0 2,068 9,480 114,128 12,423 0 5,285 0 5,567 1,849 0 8,623 0 1,591 5,379 0 05,133 0 05,133 0 40,696 47,771 1 40,696 44,825 3 1,055 2 22,893	250, 000 250, 000 7, 000	\$7, 650 7, 650
March April April May June July August September November December Total Gloucester:		7, 382, 43	0   5, 3, 0   3, 0   1, 0   0   4, 0   0   4, 0   0   4, 0   0   0   0   70, 0   0   0   0   0   0   0   0   0   0	891 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 100 3, 600 7, 500 2, 100 2, 100 3, 550 3, 550 3, 428 4, 622 2, 869	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 338 1, 335 295 11, 655 11, 655 11	19, 104 139, 704 149, 904 170, 104 83, 207 78, 304 22, 784 22, 264 24, 504 11, 856 41, 977 768, 582 545, 899 601, 191 505, 131 577, 955 11, 147, 131	0 2 088 9 480 9 480 14,128 12,423 0 12,423 0 12,423 0 15,285 0 5,597 1,849 0 3,019 3,019 3,029 5,379 0 5,379 0 5,133 40,690 47,771 3 55,142 2 22,893 8 41,7741	250, 000 250, 000 7, 000 48, 830 8, 405	\$7, 650 7, 650 245 1, 755 286
March April April May June July August September November December Total Gloucester:		7, 382, 43	0   5, 3, 0   3, 0   1, 0   0   3, 0   4, 0   0   0, 0   0   70, 0   0   70, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   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0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0, 0   0,	891 2 3 3 8 10 9 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5, 500 5, 500 5, 500 5, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 500 6, 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1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 1,849 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March April April April August September October November Total Gloucester: January February March April May June June June August September October November		7, 382, 43 326, 00 225, 00 259, 71 474, 17 1, 045, 23 1, 913, 43 1, 929, 89 748, 39 748, 39 1, 173, 19 1, 223, 63	0   5, 3, 0   3, 0   1, 0   4, 0   3, 0   4, 0   0, 0   70, 0   70, 0   77, 2, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1,	891 2 3 3 8 10 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 000 3, 100 2, 100 2, 100 2, 100 2, 100 2, 100 2, 100 2, 100 3, 650 6, 428 3, 712 4, 622 2, 869 1, 581 2, 151	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 388 1, 385 295 11, 655 11, 655 11	19, 104 139, 704 149, 904 170, 104 83, 207 78, 304 22, 768 22, 066 24, 506 41, 977 768, 581 545, 891 657, 991 601, 194 505, 131 577, 955 1, 147, 131 944 52, 766, 544 892, 15	0 2 008 9, 480 14, 128 12, 423 15, 285 5, 567 1, 849 0 3, 019 3, 019 5, 379 0 45, 133 40, 696 47, 771 3 55, 142 44, 825 5 31, 035 22, 893 8 49, 100 8 47, 741 8 47, 741 8 55, 337 8 47, 741 8 47, 741 8 53, 337 8 47, 741 8 35, 337 8 47, 741 8 35, 337 8 47, 741 8 35, 337 8 47, 741 8 35, 337 8 31, 220	250, 000 250, 000 7, 000 48, 830 8, 405 1, 652, 000 4, 500	7, 650 7, 650 245 1, 755 286 52, 940
March April April April August September October November Total Gloucester: January February March April May June June June August September October November		7, 382, 43 320, 00 225, 00 225, 71 474, 17 1, 045, 23 1, 913, 43 1, 929, 89 748, 39 1, 173, 19 1, 223, 63 605, 28	0   5, 3, 0   3, 0   1, 0   4, 0   3, 0   4, 0   0, 0   70, 0   70, 0   77, 2, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1, 0   1,	891 2 3 3 8 10 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5, 500 3, 500 3, 000 4, 300 7, 700 3, 000 2, 900 3, 000 3, 100 6, 900 7, 500 7, 500 7, 500 7, 500 7, 500 8, 550 8, 428 3, 712 4, 622 2, 869 0, 581 2, 151 4, 019	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 388 295 11, 655 11, 655 11, 655 11, 67 374 3, 432 541 182 485 5, 885 5, 885	19, 104 139, 704 149, 904 170, 101 83, 207 78, 304 22, 78, 304 22, 26, 41, 977 768, 58; 41, 977 768, 58; 547, 95; 577, 95; 577, 95; 577, 95; 776, 54; 892, 15; 359, 83	0 2,068 9,480 14,128 12,423 0 5,285 0 5,567 1,849 0 8,023 1,591 5,379 0 5,133 0 65,133 0 44,771 40,696 47,771 40,696 47,771 47,771 48,53 44,825 31,055 22,22,893 8,47,741 8,47,741 8,47,741 1,4825 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591 1,591	250, 000 250, 000 7, 000 48, 630 8, 405 1, 652, 000	7, 650 7, 650 245 1, 755 280 52, 940
March April April April May June September October November Total Gloucester: January February March April April August September October Total Coloucester: January March April April Avgust June June June June June June June June		7, 382, 43 320, 00 225, 00 259, 71 474, 17 1, 045, 23 1, 913, 43 1, 929, 89 748, 39 1, 173, 19 1, 223, 63 605, 28 153, 97	0   5,	891 2 9042 3 8810 8 8810 8 8810 8 8810 8 8810 8 9052 18 9052 18 12 231 1 14 851 10 0277 14 15 535 1,41 1399	5, 500 5, 500 1, 300 1, 700 1, 700 3, 000 2, 900 3, 100 3, 100 3, 100 3, 600 7, 500 2, 100 2, 100 3, 402 4, 622 2, 869 2, 151 4, 019 3, 838	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 385 295 11, 655 11, 655 11, 655 11, 655 516 374 3, 432 1, 372 541 182 5, 388 5, 388 5, 895 6, 895 883	10, 104 139, 704 149, 904 170, 101 83, 207 78, 304 22, 78, 304 22, 28, 304 11, 857 768, 58; 545, 89, 657, 90; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 577, 95; 5	0 2,068 9,480 14,128 12,423 0 5,285 0 5,567 1,849 0 8,623 1,591 5,379 6 65,133 40,696 47,771 47,771 44,825 31,055 22,22,893 8 47,741 8 47,741 8 47,741 1 30,619 1 31,220	250, 000 250, 000 7, 000 48, 830 8, 405 1, 652, 000 4, 570	7, 650 7, 650 245 1, 755 280 52, 940 146 963
March April April April August September October November Total Gloucester: January February March April May June June June August September October November		7, 382, 43 326, 00 225, 00 259, 71 474, 17 1, 045, 23 1, 913, 43 1, 929, 89 748, 39 1, 173, 19 1, 223, 63 605, 28 153, 97	0   5,	891 2 9042 3 8810 8 8905 37 9905 6 12 231 14 851 10 027 14 1139 1399 1399 1399 1399 1399 1399 1399 1399 1399 1399 1399 1399 1399 1399 8974 89 1497 89 1597 89 1708 1,044 171 3,07	5, 500 5, 500 1, 300 1, 700 1, 700 3, 000 2, 900 3, 100 3, 100 3, 100 3, 600 7, 500 2, 100 2, 100 3, 402 4, 622 2, 869 2, 151 4, 019 3, 838	470 550 619 1, 953 1, 021 421 1, 207 1, 699 1, 385 295 11, 655 11, 655 11, 655 11, 655 516 374 3, 432 1, 372 541 182 5, 388 5, 388 5, 895 6, 895 883	19, 104 139, 704 149, 904 170, 101 83, 207 78, 304 22, 78, 304 22, 26, 41, 977 768, 58; 41, 977 768, 58; 545, 89, 657, 90; 577, 95; 577, 95; 577, 95; 774, 52; 766, 54; 892, 15; 359, 83	0 2,068 9,480 14,128 12,423 0 5,285 0 5,567 1,849 0 8,623 1,591 5,379 6 65,133 40,696 47,771 47,771 44,825 31,055 22,22,893 8 47,741 8 47,741 8 47,741 1 30,619 1 31,220	250, 000 250, 000 7, 000 48, 830 8, 405 1, 652, 000 4, 500	7, 650 7, 650 245 1, 755 286 52, 940

# CLVIII REPORT OF COMMISSIONER OF FISH AND FISHERIES.

Statement by months of quantities and values of certain fishery products landed at Boston and Gloucester—Continued.

<del></del>	Mackerel	fresh.	Mackerel	salted.	Other fish,	fresh.*	Other fis	ı, salted.
Months.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
Boston:					1, 635, 000	\$29,475	 	
January	•••••	• • • • • •		1	2, 020, 000	33, 114		
February	• • • • • • • • • • • • • • • • • • • •				121, 000	1, 820		
March	• • • • • • • • •						8,000	\$160
April	500	\$60					21,000	430
May	238, 187	12,500		\$10,404	21, 750	503		
June	92, 081	8, 024	166,000	5,776	438, 050	- 15, 971	201,000	2,900
July	20, 067	1,482	31, 600		353, 700	15, 538		
August	53, 050	3,758		60	148, 600	12, 473		
September	18, 620	226		108	138, 950	2,070		
October	17, 250				207, 850	2,569	1,000	15
November	17,200	200	4, 200		!	'	220,000	3,300
December :						·	:	
Total	439,755	26, 280	414, 900	18, 335	5,084,900	113, 533	451, 000	6, 805
Gloucester:		====		·	004 500	9,441	761, 62	10.150
January		'		•   • • • • • • • • • • • • • • • • • •	994, 500 510, 750	10, 227	15,750	
February				• · • • • • • • • • • • • • • • • • • •				
March					337, 625	, 0, 103	1 024,00	.,
June	186, 320	11, 246	1,076,000		61, 532	1, 230		
July	189,000	11,310				3, 137		
August	57, 420	4, 420			47, 118	720	52, 00	813
September	1, 260	88			9,000	120	98, 60	
October	` <b></b>		. 86, 200		300, 000	8, 700		
November	i		57, 800			8, 400		
December	'		1,800	225	240,000	8, 900	-	_
Total	484,000	27, 064	1, 806, 800	102, 017	2, 500, 525	45,618	4, 184, 57	5 64, 426
Grand total	873, 755	53, 344	2, 221, 700	120, 352	7, 585, 425	169, 161	4, 635, 57	5 71, 231
	<u>l</u>	l 	<u> </u>	<del></del>	<u> </u>	<del></del>	<del></del>	<del></del>
	r	otal, fr	osh.	Tota	al, salted.		Grand to	tal.
Months.	Pound	8.	Value.	Pounds	. Value	. Po	unds.	Value.

	Total,	fresh.	Total, s	alted.	Grand to	otal.
Months.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
		٦	ļ		1	
Boston:	4, 050, 625	\$70,372			4, 050, 625	\$70, 87 <b>2</b>
. January	5, 870, 630	105, 614			5, 870, 630	105, 614
February		100, 842			6, 728, 200	100, 842
March	6, 723, 200	74,874	8,000	\$160	3,504,900	75, 034
April	3, 496, 900	60, 173	21,000	480	9, 835, 350	60,603
Мау	3, 814, 350		209, 000	10, 404	8, 880, 187	92, 193
June	B, 671, 187	81,789	867, 000	8, 676	5, 032, 381	96, 294
July	4, 665, 381	87, 618	56,600		4, 992, 047	91, 635
August	4, 935, 447	89, 463		7, 710	4, 744, 010	108, 587
September	4, 493, 510	100, 827		108	5, 615, 770	98, 335
October	5, 612, 170	98, 227	3,600	330	4, 339, 500	75, 295
November	4, 334, 300	74, 965	5, 200	4,350	2,090,970	66, 886
December	1, 825, 970	62, 536	265, 000	4, 350	2,000,010	
Total	53, 493, 670	1,007,300	1, 185, 900	34, 340	54, 679, 570	1, 041, 640
Gloucester:	F 000 740	112, 965	1, 059, 725	19, 911	6, 993, 471	132, 876
January	5, 983, 746	113, 541	505, 870	16, 160	5, 420, 526	129, 701
February	4, 914, 656		1,590,975	45, 800	9,501,888	176, 496
March	7,910,908	130, 696	476, 329	14, 653	5, 041, 606	102, 199
April	4, 565, 277	87, 546	1, 323, 669	40, 051	5, 435, 287	199, 470
May	4, 111, 618	69, 419	3, 812, 712	127, 229	8, 464, 884	200, 449
June	4, 652, 172	73, 220	6, 944, 880	157, 992	11, 910, 479	246, 981
July	4, 965, 599	88, 989	2, 784, 401	69, 247	6, 280, 769	149, 676
August	3, 496, 368	80, 429	4. 450, 517	127, 194	7, 868, 019	194, 827
September	8,617,502	67, 633		83, 911	6, 987, 388	158, 572
October	4, 082, 167	<b>74, 6</b> 81	2, 905, 231	156, 384	11, 157, 844	238, 018
November	4, 141, 494	82, 534	7, 015, 850	33, 460	3, 662, 514	107. 28
December	2, 070, 922	73, 823	1,591,592	33, 400	3, 002, 014	
Total	† 54, 462, 419	1, 055, 456	34, 261, 751	891, 992	88, 724, 170	1, 947, 44
Grand total	107, 956, 089	2, 062, 756	35, 447, 651	926, 332	143, 407, 740	2, 989, 088

<sup>\*</sup>Includes herring from Newfoundland; 6,137.875 pounds frozen, \$101,420, and 4,243,975 pounds salted, \$64,519.
†Includes 75,620 pounds salted haddock, hake, and pollock, \$919.

# THE FISHERIES OF THE MIDDLE ATLANTIC STATES.

The fishery canvass of Pennsylvania, Delaware, Maryland, and Virginia having been completed in advance of the other States of the Middle Atlantic region, a condensed statement respecting their fisheries in 1897 was prepared and distributed as Statistical Bulletin No. 11.

There were employed in the fisheries of New York 7,443 persons; in those of New Jersey, 12,494; Pennsylvania, 1,898; Delaware, 2,392; Maryland, 42,812, and Virginia, 28,277. The fisheries of Pennsylvania in the present canvass include, however, only those of the Delaware and Susquehanna rivers.

The total investment in the fisheries of all these States was \$15,188,614. The total number of vessels employed was 3,874, valued with their outfits at \$4,167,469.

Gill nets were the most extensively used among the different forms of apparatus, with the exception of oyster tongs, 26,242 being the total number.

The total number of pound and trap nets was 2,491, valued at \$499,115.

In respect to products of the fisheries, Maryland leads, the value being \$3,617,306. The fishery products of New Jersey were worth \$3,614,434; those of New York, \$3,391,595; those of Virginia, \$3,167,863; those of Pennsylvania, \$269,507, and those of Delaware, \$252,123. The products of the fisheries of all these States amounted to 593,992,516 pounds, valued at \$14,312,828.

Taking these States as a whole, the oyster fishery leads all others in importance, being valued at \$8,866,829. The shad fishery ranks next, with a value of \$980,748. The products of the clam fishery were valued at \$937,872. Other important fisheries are for blue-fish and menhaden, the former being worth \$581,560 and the latter \$473,359.

The value of the fisheries in general for 1897 when compared with that for 1891—the year of the last preceding investigation—shows a decrease of \$4,710,646, due chiefly to a falling off in the oyster industry in Maryland, Virginia, and New York, but principally in Maryland.

There has been an important increase in the yield of the shad fishery in general, accompanied by a noticeable decrease in value. Virginia is the only State in which an increase in value is shown.

In the menhaden fishery there is shown an increase in the yield and a decrease in value.

The sturgeon fishery has decreased somewhat in yield, while the value has materially increased.

Fisheries of the Middle Atlantic States in 1897.

	Nev	v York.	New	Jersey.	Pennsy	lvania.	Dela	ware.
Items.	No.	Value.	No.	Value.	No.	Value.	No.	Value.
Persons employed	7, 443		12, 494		. 1,898		2, 392	
Vessels and outfits .	643	\$1,011,65	675	\$766, 844		\$91,755	42	\$37, 854
Boats	4, 119	274, 34		485, 059		21,485	953 J76	39, 349 8, 676
Seines	179			45, 072 124, 158		21, 485 12, 921 9, 711	983	31, 037
Gill nets		65, 18	4,142	122, 100	'   • • • •	0, 111	1	02,000
Pound nets, trap ne and weirs		53, 78	180	98, 995	. [ ]	. <b></b>	. 8	625
Dredges		14, 92	1,587	33, 759	83	2,500	72	2,880
Tongs and rakes	3, 634	17, 73	8,815	50, 819			117	845 1, 979
Other ennoratile		1 35.01	3	29, 154 563, 992		2, 480 828, 576		196, 374
Shore property Cash capital	•••	437, 93	30   00	173, 400		632, 100		88, 200
			_!		_		.'	
Total investme	nt.[	2, 094, 86	39	2, 371, 252		1,601,528		407, 819
	New Y	ork.	New Je	rsey.	Pennsyl	vania.	Delay	vare.
Products.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
Alewives	955, 000	\$11,367	2, 053, 802	\$9,520	422, 335	\$2,883	1, 924, 607	\$11,910
Black been		*******	150	12	4, 103		• • • • • • • • • • • • • • • • • • •	
Blue-fish	11, 146, 424	391, 027	5, 164, 173	148, 257	12, 800		· · · · · · · · · ·	
Bonito	42, 823	2, 103	358, 700	9, 605 5, 867	· · · · · · · · ·			
Butter-fish	728, 616 205, 560	26, 125 8, 318	217, 057 785, 409	39, 370	114, 950	6, 695	111,300	5, 192
Carp Cat-fish	90, 090	5, 656	221, 985	11, 114	120,096	6, 985	68, 290	3, 847
Cod	2, 116, 316	69, 879	3, 481, 890	71, 208				
Croakers			280, 800	5, 021	E1 704	4, 273	297, 600 128, 810	2, 554 6, 352
<u>E</u> els	420,730	29, 226	749, 405 1, 225, 725 107, 375	35, 862 29, 018	51, 794 31, 545	792		
Flounders Haddock	1, 108, 057 153, 320	35, 174 4, 904	107, 375	3,060				
Hake	24, 300	608	69, 785	1,538				•
King-fish	10, 440	872	43, 027	8,766				·   • • • • • • •
Mackerel	140, 812	6, 978 147, 697	24, 300 30, 552, 825	1,628 70,056		•••••		
Menhaden	60, 605, 712	147,097	22, 075	537			37, 700	844
Perch	65, 590	3, 365	602, 877	38, 221			399, 300	19, 128
Pike			2,770	152			41, 250	2,027
Pompano			40	10 (				
Soup	740, 373	.16, 911	757, 450	13, 816 74, 281	29, 150 900, 000		1,900	
Sea bass	354, 441 1, 884, 228	16, 245 62, 953	2, 131, 480 13, 000, 783	342, 931	2, 007, 325	63, 587	1, 620, 364	47, 962
Shad	4 900	252	49, 835	8, 565		'		4
Snappers, red Spanish mackerel	92,000	3,680						
Spanish mackerel	11, 360	1,825	108, 030	11, 539 $682$	· · · · · · · · · · · ·			
			20, 700	180, 989			1 440 880	25, 149
Squeteague Striped bass	2, 561, 527	09, 474 14, 177	8, 679, 132 287, 189	31, 978	9, 556		128,770	12, 033
Sturgeon	116, 465 427, 547	26, 248	818, 449	26, 464	9, 945	260	467, 250	9,014
Sueliera	16 050	635	818, 449 142, 130	6,720	25, 250	1, 244	35, 200	1,54
Tautog	49, 181	1, 534	289, 400	5, 513			4, 800	240
Tautog Other fish	1, 200, 200	3,638	125, 841	2, 626 67, 592	1,952	173	69, 479	25, 78
Caviar		5, 975	200, 155 795, 301	40 089	l		168, 800	5.38
Crabs King crabs	413, 180	3,810	1, 124, 800	4, 495			675, 000	2, 02
Lobsters	381, 020	31, 458	99, 230	8, 573			5, 095	45
Clams	2, 219, 304	253, 883	5, 475, 177	607, 520	1, 861, 538	142 074	6,800	1,53
Ovsters	14, 887, 040	2, 050, 058	21, 035, 341	1, 682, 015	1, 201, 038	140, 874	1, 120, 580	00,09
Scallops	885, 960	80, 122	72,000 13,528	6,096	825	98	8, 322	2, 55
Terrapin			14, 550	999	1,021	78	44, 570	2, 39
Other products	5, 491, 000	9, 228	2, 522, 896	3, 140	78	16	320	16
						1	1 .	

Total ...... 109, 555, 566 3, 391, 595 103, 782, 517 3, 614, 434 5, 604, 263 269, 507 8, 834, 797

252, 123

# Fisheries of the Middle Atlantic States in 1897-Continued.

Items.	Maryland.		Virginia.		Total for Middle Atlan- tic States.	
	No.	Value.	No.	Value.	No.	Value.
Persons employed	42, 812	İ	28 277	İ	95, 316	
	1,419	\$1,344,542	28, 277 1, 055	\$914,824	3, 874	\$4, 167, 469
20418	10,077	562, 455	10,302	493, 276	3, 874 32, 320	1, 875, 965
NULTAR	830	562, 455 39, 282 77, 264	145	54, 012 46, 235	1, 559 26, 242	186, 773
Gill nets. Pound nets, trap nets,	8, 464	17, 204	9, 307	40, 233	20, 242	253, 592
and weirs	856	81, 115	1, 250	264, 600	2, 491 .	499, 115
Dredges	8, 520	81, 115 99, 111	1, 816	264, 600 22, 767	14, 614 37, 309	175.943
Other and rakes	11, 191	66, 647 32, 240	13, 552	55, 100	37, 309	191, 143
Shore property		1, 878, 669		55, 100 8, 290 607, 082	· · · · · · · · · · · · · · · · · · ·	191, 143 109, 150 4, 513, 223
Dredges Tongs and rakes Other apparatus Shore property Cash capital		1, 640, 285		424, 750		3, 116, 235
Total investment.				2, 891, 536	' <u></u>	
	!		<u> </u>	<u> </u>	<u> </u>	
Products.	Maryland.		Virginia.		Total for Middle Atlantic States.	
•	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
Alewives	17, 139, 459	\$123, 453	13, 675, 585	\$70,653	36, 170, 788	\$229, 795
AND CALL DOGO	6 765	613	13, 600	630	24, 618	1,673
		7, 156	1, 505, 128	34, 799	18, 015, 233	581, 560
Bonito Butter-fish	1,000 87,040	50 2, 348	25, 350 465, 828	798 10,624	427, 873 1, 498, 541	12,556 44,964
		3, 825	3, 194	[ 108	1, 331, 338	63, 508
Cat-fish	578, 021	19, 644	381, 392	10, 526	1, 459, 874	57, 772
Croples	990 905	0 000	800 4, 111, 929	27, 208	5, 599, 008 4, 926, 624	141, 127 37, 672
Eels .	406, 741	2, 889 14, 684	76, 505	2,529	1,834,048	92, 926
Cat-fish. Cod. Croakers. Eels Flounders Haddock Hake	27, 357	1,097	230, 440	6, 552	2, 625, 124 320, 695	72, 718 7, 964
Hake King-fish Mackerel			<u></u> .		94, 035	2, 146
Mackerel	1,000	35	120, 075 300	4,970	174, 542 165, 412	9, 643 8, 624
Zeonnaden	353, 100	365	178, 656, 362	255, 241	165, 412 270, 167, 999	473, 359
Mullet	1,500	60	54, 521	1, 196	115, 796 2, 726, 676	2, 637
Pike	1, 321, 280 114, 7:0	62, 246	837, 629	14,672	2, 726, 676	137. 632
Pompano	310	8, 919 35	29, 625 70, 135	2, 360 5, 515	188, 355 70, 485	13, 458 5, 560
Scup			4.000	120	1,536,973	31, 566
Shed bass	16, 200	690	1, 765 11, 513, 994	40	3, 405, 78 <b>0</b>	127, 351 980, 748
Sheensheed	5, 799, 563 200	159, 365 12	11, 513, 994 28, 818	303, 950 1, 894	35, 820, 257 83, 753	10,723
Snappers, red	200		20,010	1,004	92,000	3, 680
Mullet Porch Pike Pike Pompane Scup Sea bass Shad Sheepshead Snappers, red Spanish mackerel	9, 762	833	503, 106	39, 911	92, 000 632, 258	54, 108
Spots.	2, 928	139	1, 079, 492 6, 474, 946	26, 467	1,103,120	27, 288 379, 305
Striped lines	597, 179 905, 947	14, 792 70, 045	544, 237	88, 901 32, 429	19, 753, 664 2, 021, 564	161, 653
Sturgeon	145, 569	5,008	631, 619	16, 563	2, 495, 379	83, 557
Tout	83, 030	1,801	51, 250	1,762	352, 910	13,705
Squeteague Striped bass Sturgeon Sturgeon Tautog Otherfieli	51, 752	641	494, 020	9,050	352, 910 343, 381 1, 873, 765	7, 287 16, 128
Cavian	1 204	614	63, 960	19, 023	335, 188	112, 995
Crabs.	9, 449, 195	217, 586	6, 399, 514	68, 245	17, 225, 990	837, 264
Lobatore	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	<b></b>	·····	1, 799, 800 485, 345	6, 520 40, 490
Clama Ovatore	122, 288	8, 842	841, 568	66, 097	8, 665, 137	937. 872
Oysters. Scallops Terrapin Turtles	50, 784, 538	2, 885, 202	49, 166, 936	2, 041, 683	138, 881. 783	8, 846, 829
Terrania			11 000	2, 104	957, 960 41, 763	84, 122
Turtles	7, 266 5, 465	3, 226 289	11, 822 56, 825	1.077	122, 481	14, 080 4, 339
Other products	8, 928	772	1, 025	108	8, 019, 247	13, 424
Total	88, 588, 018	3, 617, 306	277, 627, 355	3, 167, 863	593, 992, 516	14, 312, 828

#### CLXII REPORT OF COMMISSIONER OF FISH AND FISHERIES.

Items.

### THE FISHERIES OF NEW YORK AND NEW JERSEY.

In addition to the data presented in the foregoing tables for 1897, the following statistics on the fisheries of New York and New Jersey have also been secured:

Fisheries of New York and New Jersey in 1898.

Number.

New York.

Value.

New Jersey.

Value.

Number.

Persons employed	9, 185		12, 270	
Totalia cirila	501	0040 415		***** OFF
Vessels, fishing	ן נטפּן.	\$940,415	531	\$465, 875
Топпаде	9, 258		5,564	
TOWNER			0,000	
Outfit		256, 486		92, 161
		143, 395	117	168, 775
Vessels, transporting		140,080		100, 710
Tonnage	2, 365		2,019	
Tonnago	2,000	******	2,010	
Outfit	<b></b>	9,789	1	19. 764
		264, 702	0 101	
Boats, scows, and floats	, 0,000		6, 424	483, 889
Seines	229	48, 090	610	43, 730
Dulling	0.000			407 700
Gill nots	2, 939	63, 689	4, 304	127, 742
Pound nets and weirs	195	55, 385	172	88, 885
Fyke nets	3, 531	16, 016	2, 835	18, 470
1 y RO Meta	0,002		2,000	
Lines		7,012		7, 439
Pots, lobster and eel	9,729	12,092	4,700	5, 362
Lois' ionsief and cor	] 0,120 ]			0, 002
Dredges, tongs, and rakes	5,343	30, 948	10.544	87, 745
Dicagon, tongu, and rancour	0,000		1	
Other apparatus		457		737
Chang manneter	, ,	2, 760, 421	1	561, 048
Shore property	[!			
Cash capital	!	2, 980, 800		165, 800
Cash cally and				
Cash capital  Total investment	1 1	7, 580, 787	1 1	2, 337, 422
Total investment		1,000,101		2, 501, 422
	1		·	
	,			
	New York.		New Jersey.	
	New York.		year sersea.	
~ .				
Species.		, -		
	Pounds.	Value.	Pounds.	Value.
	1 ounds.	, arao.	Lounda.	, arue.
		_	~	
	l' =		1	
Alewives	1, 028. 110	\$12,652	1, 609, 947	\$8,707
Blue fish	11, 214, 433	387, 167	5, 077, 085	163,620
Bonito	03, 244	1.718	376, 822	9,943
Domay				
Butter-fish	470, 836	15, 488	262, 627	8,080
G	286, 400			
Carp	200, 400	11.040	245, 983	13,884
Cat fish	102, 340	6, 151	229, 648	11,688
Cut near	0 040 100	20, 200		
Cod	2, 040, 137	09.032	2, 582, 990	82, 374
Eela	396, 945		799, 488	
				30,300
Flounders	876. 683	28, 455	1, 333, 735	32, 659
1 200000018				02,000
	172, 883	5,548	240,050	7,806
Haddock			240, 050	
Hake	32, 621	684	98, 042	2, 359
Hake	32, 621	684	98, 042	2, 359
Hake	32, 621 11, 854	684 978	98, 042 44, 002	2, 3 <b>5</b> 9 3, <b>9</b> 35
Hake	32, 621	684 978	98, 042 44, 002 16, 480	2, 359 3, 935 1, 322
Hake King-fish Mackerel	32, 621 11, 854 84, <b>45</b> 8	684 978 6, 208	98, 042 44, 002 16, 480	2, 359 3, 935 1, 322
Hake	32, 621 11, 854 84, 458 163, 280, 345	684 978 6, 208 405, 488	98, 042 44, 002 16, 480 22, 193, 530	2, 350 3, 935 1, 322 53, 726
Hake	32, 621 11, 854 84, <b>45</b> 8	684 978 6, 208 405, 488	98, 042 44, 002 16, 480 22, 193, 530	2, 350 3, 935 1, 322 53, 726
Hake King-fish Mackerel Menhaden Perch, white	32, 021 11, 854 84, 458 163, 280, 345 60, 310	684 978 6, 208 405, 488 3, 245	98, 042 44, 002 16, 480 22, 198, 530 631, 522	2, 350 3, 935 1, 322 53, 726 39, 381
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow	32, 621 11, 854 84, 458 163, 280, 345 60, 310 3, 040	684 978 6, 208 405, 488 3, 245 117	98, 042 44, 002 16, 480 22, 199, 530 631, 522 4, 810	2, 359 3, 935 1, 322 53, 726 39, 381 239
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow	32, 621 11, 854 84, 458 163, 280, 345 60, 310 3, 040	684 978 6, 208 405, 488 3, 245 117	98, 042 44, 002 16, 480 22, 199, 530 631, 522 4, 810	2, 359 3, 935 1, 322 53, 726 39, 381 239
Hake King-fieh Mackerel Menhaden Perch, white Perch, yellow Scup	32, 621 11, 854 84, 458 163, 280, 345 60, 310 3, 040 645, 397	684 978 6, 208 405, 488 3, 245 117 14, 102	98, 042 44, 002 16, 480 22, 193, 530 631, 522 4, 810 622, 165	2, 359 3, 935 1, 322 53, 726 39, 381 239 13, 572
Hake King-fieh Mackerel Menhaden Perch, white Perch, yellow Scup	32, 621 11, 854 84, 458 163, 280, 345 60, 310 3, 040	684 978 6, 208 405, 488 3, 245 11, 102 13, 990	98, 042 44, 002 16, 480 22, 199, 530 631, 522 4, 810	2, 359 3, 935 1, 322 53, 726 39, 381 239 13, 572
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass	32, 021 11, 854 84, 458 163, 280, 345 60, 310 645, 397 311, 181	684 978 6, 208 405, 488 3, 245 11, 102 13, 990	98, 042 44, 002 16, 480 22, 193, 530 631, 522 4, 810 622, 165 2, 189, 533	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad	32, 021 11, 854 84, 458 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977	684 978 6,208 405,488 3,245 117 14,102 13,990 02,745	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432	2, 359 3, 935 1, 325 53, 726 39, 381 239 13, 572 79, 889 293, 173
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad	32, 021 11, 854 84, 458 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977	684 978 6,208 405,488 3,245 117 14,102 13,990 02,745	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432	2, 359 3, 935 1, 325 53, 726 39, 381 239 13, 572 79, 889 293, 173
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead	32, 621 11, 854 84, 458 163, 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150	684 978 6,208 405,488 3,245 117 14,102 13,990 62,745	98, 042 44, 002 16, 480 22, 193, 530 631, 522 4, 810 622, 165 2, 189, 533	2, 359 3, 935 1, 325 53, 726 39, 381 239 13, 572 79, 889 293, 173
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead	32, 021 11, 854 84, 458 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977	684 978 6,208 405,488 3,245 117 14,102 13,990 62,745	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432	2, 359 3, 935 1, 325 53, 726 39, 381 239 13, 572 79, 889 293, 173
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red	32, 021 11, 834 84, 458 163, 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150 76, 000	684 978 6, 208 405, 488 3, 245 11, 102 13, 990 02, 745 174 3, 040	98, 042 44, 002 16, 480 22, 193, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785	2, 350 3, 635 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Snappers, red Snaulsh mackerel	32, 021 11, 854 84, 458 103, 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150 76, 000 13, 007	684 6, 208 6, 208 6, 405, 488 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061	98, 042 44, 002 16, 480 22, 199, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 880 293, 173 7, 273
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Snappers, red Snaulsh mackerel	32, 021 11, 834 84, 458 163, 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150 76, 000	684 6, 208 6, 208 6, 405, 488 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061	98, 042 44, 002 16, 480 22, 199, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 880 293, 173 7, 273
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spaulsh mackerel Soucteague	32, 021 11, 854 84, 458 103, 280, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150 76, 000 13, 007 2, 076, 930	684 978 6,208 405,488 3,245 117 14,102 13,990 02,745 174 3,040 2,061 53,706	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785 83, 125 9, 401, 203	2, 35n 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 P, 720 203, 414
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shad Shappers, red Spaulsh mackerel Squeteague Strined bass	32, 021 11, 854 84, 458 40, 320, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150 76, 000 13, 007 2, 076, 930 81, 795	684 6, 208 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 174 3, 040 2, 061 53, 708	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785 83, 125 9, 401, 203 274, 353	2, 350 3, 935 1, 322 53, 726 69, 381 13, 572 79, 889 293, 173 7, 273
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shad Shappers, red Spaulsh mackerel Squeteague Strined bass	32, 021 11, 854 84, 458 40, 320, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150 76, 000 13, 007 2, 076, 930 81, 795	684 6, 208 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 174 3, 040 2, 061 53, 708	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785 83, 125 9, 401, 203 274, 353	2, 350 3, 935 1, 322 53, 726 69, 381 13, 572 79, 889 293, 173 7, 273
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Slad Sheepshead Snappers, red Spauish mackerel Squeteague Sturgeon	32, 021 11, 854 84, 458 84, 458 103, 280, 345 80, 310 645, 397 311, 181 1, 828, 977 76, 000 13, 007 2, 076, 930 81, 795 391, 055	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061 53, 708 9, 765 84, 581	98, 042 44, 002 16, 480 22, 193, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 482 42, 785 9, 401, 203 274, 353 710, 024	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889 293, 173 7, 273 9, 726 203, 419 28, 605 21, 278
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Slad Sheepshead Snappers, red Spauish mackerel Squeteague Sturgeon	32, 021 11, 854 84, 458 40, 320, 345 60, 310 3, 040 645, 397 311, 181 1, 828, 977 3, 150 76, 000 13, 007 2, 076, 930 81, 795	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061 53, 708 9, 765 84, 581	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785 83, 125 9, 401, 203 274, 353	2, 350 3, 935 1, 322 53, 726 69, 381 13, 572 79, 889 293, 173 7, 273
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spauish mackerel Squeteague Striped bass Sturgeon Suokers	32, 021 11, 854 84, 458 103, 280, 345 3, 040 645, 397 311, 181 1, 828, 977 7, 000 13, 007 2, 076, 930 81, 795 301, 035 17, 550	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 3, 040 2, 061 53, 706 9, 765 34, 581 768	98, 042 44, 002 16, 480 22, 198, 530 61, 522 4, 810 622, 165 2, 189, 533 12, 844, 482 42, 785 9, 401, 203 274, 363 719, 024 155, 511	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 0, 726 203, 419 28, 696 21, 278 7, 383
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spauish mackerel Squeteague Striped bass Sturgeon Suckers Tautog	32, 021 11, 854 14, 458 103, 280, 345 60, 310 645, 387 311, 181 1, 828, 177 76, 000 13, 07 2, 076, 930 81, 795 301, 035 17, 556 51, 280	684 978 6, 208 405, 498 3, 245 117 14, 102 13, 990 02, 745 174 3, 040 2, 061 53, 708 9, 765 84, 581 768	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 155, 511 914, 748	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889 293, 173 7, 273 0, 726 203, 419 28, 696 21, 273 7, 383 6, 029
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spauish mackerel Squeteague Striped bass Sturgeon Suckers Tautog	32, 021 11, 854 14, 458 103, 280, 345 60, 310 645, 387 311, 181 1, 828, 177 76, 000 13, 07 2, 076, 930 81, 795 301, 035 17, 556 51, 280	684 978 6, 208 405, 498 3, 245 117 14, 102 13, 990 02, 745 174 3, 040 2, 061 53, 708 9, 765 84, 581 768	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 155, 511 914, 748	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889 293, 173 7, 273 0, 726 203, 419 28, 696 21, 273 7, 383 6, 029
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spanish mackerel Squetesque Striped bass Sturgeon Suckers Tautog Cayiar	32, 021 11, 854 84, 458 103, 280, 345 3, 040 645, 397 311, 181 1, 828, 977 2, 076, 930 13, 007 2, 076, 930 81, 795 301, 055 17, 550 51, 250 17, 256	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 3, 040 2, 061 53, 706 9, 765 34, 581 758 1, 607 11, 992	98, 042 44, 002 16, 480 22, 193, 530 631, 522 4, 810 022, 165 2, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 155, 511 314, 748 149, 302	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 7, 720 203, 414 28, 606 21, 278 7, 383 6, 029 79, 698
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shad Shappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tantog Caylar Crabs hard	32, 021 11, 854 84, 458 84, 458 103, 280, 345 60, 310 645, 397 311, 181 1, 828, 977 76, 090 13, 007 2, 076, 930 391, 055 17, 550 51, 200 17, 256	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 2, 061 2, 061 53, 708 9, 765 34, 581 758 1, 607 11, 992 1, 793	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 155, 511 314, 748	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 9, 726 203, 419 28, 696 21, 278 6, 629 79, 689 15, 826
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shad Shappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tantog Caylar Crabs hard	32, 021 11, 854 84, 458 84, 458 103, 280, 345 60, 310 645, 397 311, 181 1, 828, 977 76, 090 13, 007 2, 076, 930 391, 055 17, 550 51, 200 17, 256	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 2, 061 2, 061 53, 708 9, 765 34, 581 758 1, 607 11, 992 1, 793	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 155, 511 314, 748	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 9, 726 203, 419 28, 696 21, 278 6, 629 79, 689 15, 826
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spanish mackerel Squeteague Striped bass Sturgeon Suckers Tautog Caviar Crabs, hard Crabs, hard Crabs, hard Crabs, soft	32, 021 11, 854 84, 458 103, 280, 345 3, 040 645, 397 311, 181 1, 828, 977 2, 076, 930 13, 007 2, 076, 930 81, 795 301, 055 17, 550 51, 250 17, 256	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 2, 061 2, 061 53, 708 9, 765 34, 581 758 1, 607 11, 992 1, 793	98, 042 44, 002 10, 480 22, 198, 530 631, 522 4, 810 622, 169, 533 12, 644, 462 74, 785 9, 401, 203 274, 363 710, 024 165, 511 94, 748 149, 302 2614, 785 4289, 078	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889 293, 173 7, 273 0, 726 203, 419 28, 605 21, 278 7, 383 6, 629 70, 693 15, 826 22, 805
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spanish mackerel Squeteague Striped bass Sturgeon Suckers Tautog Caviar Crabs, hard Crabs, hard Crabs, hard Crabs, soft	32, 021 11, 854 84, 458 84, 458 103, 280, 345 60, 310 645, 397 311, 181 1, 828, 977 76, 090 13, 007 2, 076, 930 391, 055 17, 550 51, 200 17, 256	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 2, 061 2, 061 53, 708 9, 765 34, 581 758 1, 607 11, 992 1, 793	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 155, 511 314, 748	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 9, 726 203, 419 28, 696 21, 278 6, 629 79, 689 15, 826
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spauish mackerel Squetague Striped bass Sturgeon Suckers Tautog Caviar Crabs, hard Crabs, soft	32, 021 11, 854 84, 458 103, 280, 345 60, 310 3, 040 645, 387 311, 181 1, 828, 977 2, 976, 930 81, 795 301, 055 17, 550 51, 260 17, 266 1246, 633 2100, 823	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 1, 703 9, 765 34, 581 768 1, 607 11, 992 1, 793 8, 894	98, 042 44, 002 16, 480 22, 193, 530 611, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785 9, 401, 203 710, 024 155, 511 914, 748 428, 078 140, 302 1614, 785 4289, 078 1, 082, 190	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 7, 273 203, 419 28, 696 21, 273 7, 583 6, 029 79, 693 15, 826 25, 805 4, 843
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tantog Caviar Crabs, hard Crabs, soft King crabs Lobstere	32, 021 11, 854 84, 458 913, 280, 345 60, 310 645, 387 311, 181 1, 828, 177 76, 000 13, 07 2, 076, 930 81, 785 511, 256 17, 256 1246, 633 2100, 823	684 978 6, 208 405, 498 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061 53, 708 9, 765 34, 581 758 1, 607 11, 992 1, 793 3, 884	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 710, 024 105, 611 114, 745 4269, 078 51, 082, 190 123, 876	2, 350 3, 935 1, 322 55, 726 39, 381 239 13, 572 79, 880 293, 173 7, 273 7, 273 203, 419 28, 095 21, 278 6, 029 79, 693 15, 826 25, 805 4, 843 11, 097
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tantog Caviar Crabs, hard Crabs, soft King crabs Lobstere	32, 021 11, 854 84, 458 913, 280, 345 60, 310 645, 387 311, 181 1, 828, 177 76, 000 13, 07 2, 076, 930 81, 785 511, 256 17, 256 1246, 633 2100, 823	684 978 6, 208 405, 498 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061 53, 708 9, 765 34, 581 758 1, 607 11, 992 1, 793 3, 884	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 710, 024 105, 611 114, 745 4269, 078 51, 082, 190 123, 876	2, 350 3, 935 1, 322 55, 726 39, 381 239 13, 572 79, 880 293, 173 7, 273 7, 273 203, 419 28, 095 21, 278 6, 029 79, 693 15, 826 25, 805 4, 843 11, 097
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shappers, red Spanish mackerel Squeteague Striped bass Sturgeon Suckers Tautog Cayiar Crabs, hard Crabs, soft King crabs Lobsters L	32, 021 11, 854 84, 458 103, 280, 345 645, 387 311, 181 1, 828, 977 2, 076, 930 13, 007 2, 076, 930 17, 255 517, 550 51, 205 17, 256 1246, 633 2100, 823 22, 378	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 3, 040 2, 061 53, 706 9, 765 84, 758 1, 607 11, 992 1, 793 3, 394	98, 042 44, 002 10, 480 22, 193, 530 631, 522 4, 810 022, 165 2, 189, 533 12, 844, 422, 785 	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 7, 720 203, 414 28, 606 21, 278 7, 383 6, 029 79, 668 15, 826 4, 843 11, 097 524, 339
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shappers, red Spanish mackerel Squeteague Striped bass Sturgeon Suckers Tautog Cayiar Crabs, hard Crabs, soft King crabs Lobsters L	32, 021 11, 854 84, 458 103, 280, 345 645, 387 311, 181 1, 828, 977 2, 076, 930 13, 007 2, 076, 930 17, 255 517, 550 51, 205 17, 256 1246, 633 2100, 823 22, 378	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 3, 040 2, 061 53, 706 9, 765 84, 758 1, 607 11, 992 1, 793 3, 394	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 710, 024 105, 611 114, 745 4269, 078 51, 082, 190 123, 876	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 7, 720 203, 414 28, 606 21, 278 7, 383 6, 029 79, 668 15, 826 4, 843 11, 097 524, 339
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Spauish mackerel Squeteague Striped bass Stringeon Suckers Tautog Caylar Crabs, hard Crabs, soft King crabs Lobstere Clams, hard Clams, soft	32, 021 11, 854 84, 458 103, 280, 345 645, 387 311, 181 1, 828, 977 2, 076, 930 13, 007 2, 076, 930 17, 255 517, 550 51, 205 17, 256 1246, 633 2100, 823 22, 378	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 3, 040 2, 061 53, 706 9, 765 84, 758 1, 607 11, 992 1, 793 3, 394	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 710, 024 155, 511 314, 748 428, 078 51, 082, 198 61, 082, 198 74, 495, 073 7955, 000	2, 350 3, 935 1, 322 53, 726 39, 381 233 13, 572 79, 889 293, 173 7, 273 203, 419 28, 606 21, 273 7, 983 6, 029 70, 693 15, 826 4, 843 11, 097 524, 339 66, 345
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shepshead Snappers, red Spanish mackerel Squeteague Striped bass Sturgeon Suckers Tautog Caviar Crabs, hard Crabs, lard Crabs Lobstera Clams, bort Clams, soft Clams, soft Covaters market	32, 021 11, 854 84, 458 84, 458 60, 310 3, 040 645, 39 311, 181 1, 828, 977 2, 076, 930 81, 795 391, 055 17, 550 1246, 633 2100, 823 2100, 823 61, 503, 192 817, 800 12, 823, 327	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061 53, 708 9, 765 84, 758 1, 758 1, 793 3, 894 205, 952 60, 797 1, 803, 607	98, 042 44, 002 10, 480 22, 193, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 422, 785 710, 024 155, 511 94, 401, 203 274, 353 710, 024 165, 511 94, 718 149, 302 1014, 785 1, 082, 100 123, 876 74, 495, 073 775, 000	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889 293, 173 7, 273 7, 273 9, 726 203, 419 28, 605 21, 278 7, 383 6, 029 70, 693 15, 826 22, 805 4, 843 11, 1097 524, 339 66, 345 1, 309, 411
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shepshead Snappers, red Spanish mackerel Squeteague Striped bass Sturgeon Suckers Tautog Caviar Crabs, hard Crabs, lard Crabs Lobstera Clams, bort Clams, soft Clams, soft Covaters market	32, 021 11, 854 84, 458 84, 458 60, 310 3, 040 645, 39 311, 181 1, 828, 977 2, 076, 930 81, 795 391, 055 17, 550 1246, 633 2100, 823 2100, 823 61, 503, 192 817, 800 12, 823, 327	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061 53, 708 9, 765 84, 758 1, 758 1, 793 3, 894 205, 952 60, 797 1, 803, 607	98, 042 44, 002 10, 480 22, 193, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 422, 785 710, 024 155, 511 94, 401, 203 274, 353 710, 024 165, 511 94, 718 149, 302 1014, 785 1, 082, 100 123, 876 74, 495, 073 775, 000	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889 293, 173 7, 273 7, 273 9, 726 203, 419 28, 605 21, 278 7, 383 6, 029 70, 693 15, 826 22, 805 4, 843 11, 1097 524, 339 66, 345 1, 309, 411
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shad Shappers, red Spauish mackerel Squeteague Striped bass Sturgeon Suckers Tantog Cayiar Crabs, hard Crabs, soft Lobstera Clams, hard Clams, soft Oysters, market Oysters, market	32, 021 11, 854 84, 458 103, 280, 345 645, 387 311, 181 1, 828, 977 2, 076, 930 13, 007 2, 076, 930 17, 256 1246, 633 2100, 823 2100, 823 211, 800 101, 823 211, 800 101, 823 211, 800 101, 823, 823, 823 112, 823, 823	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 3, 040 2, 061 53, 706 9, 765 84, 758 1, 607 11, 992 1, 793 3, 394 30, 225 205, 982 60, 707 1, 863, 607 121, 422	98, 042 44, 002 44, 002 16, 480 21, 193, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 165, 511 314, 748 4289, 078 51, 082, 190 123, 876 4, 495, 073 5795, 000 119, 394, 147 17, 970, 512	2, 350 3, 035 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 7, 273 203, 419 28, 606 21, 278 7, 383 6, 029 79, 693 15, 826 25, 805 4, 843 11, 097 524, 339 66, 345 1, 309, 411 359, 913
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shad Shappers, red Spauish mackerel Squeteague Striped bass Sturgeon Suckers Tantog Cayiar Crabs, hard Crabs, soft Lobstera Clams, hard Clams, soft Oysters, market Oysters, market	32, 021 11, 854 84, 458 84, 458 60, 310 3, 040 645, 39 311, 181 1, 828, 977 2, 076, 930 81, 795 391, 055 17, 550 1246, 633 2100, 823 2100, 823 61, 503, 192 817, 800 12, 823, 327	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 174 3, 040 2, 061 53, 708 9, 765 84, 758 1, 758 1, 793 3, 894 205, 952 60, 797 1, 803, 607	98, 042 44, 002 10, 480 22, 193, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 422, 785 710, 024 155, 511 94, 401, 203 274, 353 710, 024 165, 511 914, 785 4289, 078 81, 082, 190 123, 876 74, 495, 073 8795, 000 19, 394, 147	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 889 293, 173 7, 273 7, 273 203, 419 28, 605 21, 278 7, 383 6, 929 79, 693 15, 826 22, 805 4, 843 11, 997 524, 339 66, 345 1, 309, 411
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spauish mackerel Squeteague Striped bass Sturgeon Suckers Tantog Caviar Crabs, hard Crabs, soft King crabs Lobstere Clams, soft Oysters, market Oysters, market Oysters, market Oysters, market Oysters, market Oysters, market	32, 021 11, 854 84, 458 103, 280, 345 645, 387 311, 181 1, 828, 977 2, 076, 930 13, 007 2, 076, 930 17, 256 1246, 633 2100, 823 2100, 823 211, 800 101, 823 211, 800 101, 823 211, 800 101, 823, 823, 823 112, 823, 823	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 745 3, 040 2, 061 53, 706 9, 765 84, 758 1, 607 11, 992 1, 793 3, 394 30, 225 205, 982 60, 707 1, 863, 607 121, 422	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 83, 125 9, 401, 203 274, 363 710, 024 185, 611 314, 748 149, 302 214, 748 5, 082, 190 123, 876 4, 495, 073 8, 197, 970, 502 145, 560	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 880 293, 173 7, 273 7, 273 7, 273 203, 419 28, 095 21, 278 7, 383 15, 826 25, 805 4, 843 11, 097 524, 339 66, 345 1, 309, 411 359, 913 3, 100
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tautog Cayiar Crabs, hard Crabs, soft King crabs Lobsters Clams, hard Clams, soft Oysters, market Oysters, market Oysters, market Oysters, seed Scallops Turtles	32, 021 11, 854, 458 84, 458 84, 458 60, 310 3, 040 645, 397 311, 181 1, 828, 977 8, 150 76, 000 13, 007 2, 076, 930 11, 055 17, 550 51, 200 17, 256 1246, 633 100, 823 100, 823 101, 823 11, 1503, 192 11, 102, 275 12, 1612, 275 14 053, 178	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 53, 706 9, 765 53, 706 9, 765 1, 607 11, 992 1, 793 3, 994 20, 225 205, 952 60, 797 1, 863, 607 121, 422 53, 430	98, 042 44, 002 44, 002 16, 480 21, 193, 530 631, 522 4, 810 622, 165 2, 189, 533 12, 844, 432 42, 785 9, 401, 203 274, 363 710, 024 165, 511 314, 748 4289, 078 51, 082, 190 123, 876 4, 495, 073 5795, 000 119, 394, 147 17, 970, 512	2, 350 3, 035 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 7, 273 203, 419 28, 606 21, 278 7, 383 6, 029 79, 693 15, 826 25, 805 4, 843 11, 097 524, 339 66, 345 1, 309, 411 359, 913
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tautog Cayiar Crabs, hard Crabs, soft King crabs Lobsters Clams, hard Clams, soft Oysters, market Oysters, market Oysters, market Oysters, seed Scallops Turtles	32, 021 11, 854, 458 84, 458 84, 458 60, 310 3, 040 645, 397 311, 181 1, 828, 977 8, 150 76, 000 13, 007 2, 076, 930 11, 055 17, 550 51, 200 17, 256 1246, 633 100, 823 100, 823 101, 823 11, 1503, 192 11, 102, 275 12, 1612, 275 14 053, 178	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 53, 706 9, 765 53, 706 9, 765 1, 607 11, 992 1, 793 3, 994 20, 225 205, 952 60, 797 1, 863, 607 121, 422 53, 430	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 83, 125 9, 401, 203 274, 363 710, 024 185, 611 314, 748 149, 302 214, 748 5, 082, 190 123, 876 4, 495, 073 8, 197, 970, 502 145, 560	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 880 293, 173 7, 273 7, 273 7, 273 203, 419 28, 095 21, 278 7, 383 15, 826 25, 805 4, 843 11, 097 524, 339 66, 345 1, 309, 411 359, 913 3, 100
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tautog Caviar Crabs, hard Crabs, soft Lobsters Clams, soft Oysters, market Oysters, market Oysters, market Oysters, seed Scallops Turtles Shells	32, 021 11, 854 84, 458 84, 458 80, 30, 404 645, 397 311, 181 1, 828, 977, 76, 000 13, 007 2, 076, 930 81, 195 17, 550 1246, 633 \$100, 823 \$100, 823 \$11, 503, 192 \$17, 820 \$17, 82	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 02, 744 3, 040 2, 061 53, 708 9, 765 84, 581 758 1, 607 11, 992 1, 793 3, 394 30, 225 205, 985 60, 797 1, 863, 607 1, 863, 607 1, 483, 607 1, 483, 607 1, 483, 607	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 710, 024 185, 511 314, 748 149, 302 274, 435 274, 435 710, 024 185, 511 314, 748 149, 302 171, 082, 100 123, 876 4, 495, 073 171, 7970, 502 171, 7970, 502 171, 7970, 502 171, 500 172, 830 173, 850	2, 350 3, 935 1, 322 53, 726 39, 381 13, 572 79, 889 293, 173 7, 273 203, 419 28, 606 21, 273 7, 883 6, 029 70, 693 15, 826 4, 433 11, 097 524, 339 66, 345 1, 309, 411 359, 913 3, 100 878
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Shepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tautog Cayiar Crabs, hard Crabs, soft King crabs Lobsters Clams, hard Clams, soft Oysters, market Oysters, market Oysters, market Oysters, seed Scallops Turtles	32, 021 11, 854, 458 84, 458 84, 458 60, 310 3, 040 645, 397 311, 181 1, 828, 977 8, 150 76, 000 13, 007 2, 076, 930 11, 055 17, 550 51, 200 17, 256 1246, 633 100, 823 100, 823 101, 823 11, 1503, 192 11, 102, 275 12, 1612, 275 14 053, 178	684 978 6, 208 405, 488 3, 245 117 14, 102 13, 990 62, 745 53, 706 9, 765 53, 706 9, 765 1, 607 11, 992 1, 793 3, 994 20, 225 205, 952 60, 797 1, 863, 607 121, 422 53, 430	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 83, 125 9, 401, 203 274, 363 710, 024 185, 611 314, 748 149, 302 214, 748 5, 082, 190 123, 876 4, 495, 073 8, 197, 970, 502 145, 560	2, 350 3, 935 1, 322 53, 726 39, 381 239 13, 572 79, 880 293, 173 7, 273 7, 273 7, 273 203, 419 28, 095 21, 278 7, 383 15, 826 25, 805 4, 843 11, 097 524, 339 66, 345 1, 309, 411 359, 913 3, 100
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tantog Caviar Crabs, hard Crabs, soft King crabs Lobstere Clams, soft Oysters, market Oysters, market Oysters, market Oysters, market Steriles Scallops Turtles Shells Other products	32, 021 11, 854 143, 280, 345 60, 310 60, 310 645, 387 311, 181 1, 828, 177, 6, 000 13, 076, 930 81, 795 301, 035 17, 550 1246, 633 2406, 823 210, 823 211, 1812, 275 1917, 800 10, 823 217, 800 10, 823 217, 800 11, 1812, 275 1615, 178	684 978 6, 208 405, 498 3, 245 117 14, 102 13, 990 02, 745 174 3, 040 2, 061 53, 708 9, 765 84, 581 758 1, 607 11, 992 1, 793 2, 984 30, 225 205, 962 60, 797 1, 863, 607 121, 422 53, 430 4, 550 9, 497	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 785 9, 401, 203 274, 363 710, 024 185, 611 314, 748 149, 302 2 104, 785 4, 1082, 100 119, 394, 147 117, 970, 532 12, 850 2, 960, 835	2, 350 3, 935 1, 322 53, 762 39, 381 239 13, 572 79, 880 293, 17, 273 7, 273 7, 273 7, 273 7, 283 6, 029 70, 693 15, 826 25, 805 4, 843 11, 097 524, 339 66, 345 1, 309, 411 358, 913 3, 100 878
Hake King-fish Mackerel Menhaden Perch, white Perch, yellow Scup Sea bass Shad Sheepshead Snappers, red Spaulsh mackerel Squeteague Striped bass Sturgeon Suckers Tautog Caviar Crabs, hard Crabs, soft Lobsters Clams, soft Oysters, market Oysters, market Oysters, market Oysters, seed Scallops Turtles Shells	32, 021 11, 854 84, 458 84, 458 80, 30, 404 645, 397 311, 181 1, 828, 977, 76, 000 13, 007 2, 076, 930 81, 195 17, 550 1246, 633 \$100, 823 \$100, 823 \$11, 503, 192 \$17, 820 \$17, 82	684 978 6, 208 405, 498 3, 245 117 14, 102 13, 990 02, 745 174 3, 040 2, 061 53, 708 9, 765 84, 581 758 1, 607 11, 992 1, 793 2, 984 30, 225 205, 962 60, 797 1, 863, 607 121, 422 53, 430 4, 550 9, 497	98, 042 44, 002 16, 480 22, 198, 530 631, 522 4, 810 622, 189, 533 12, 844, 432 42, 785 710, 024 185, 511 314, 748 149, 302 274, 435 274, 435 710, 024 185, 511 314, 748 149, 302 171, 082, 100 123, 876 4, 495, 073 171, 7970, 502 171, 7970, 502 171, 7970, 502 171, 500 172, 830 173, 850	2, 350 3, 935 1, 322 53, 762 39, 381 233 13, 572 79, 889 293, 177 273 203, 414 28, 605 21, 278 7, 283 6, 029 70, 693 15, 826 25, 805 4, 843 11, 097 524, 339 66, 345 1, 309, 411 359, 913 3, 100 878

<sup>1739,809</sup> in number, 21,844.355 in number. 302,469 in number. 4807,234 in number. 5531,095 in number. 6187,899 bushels. 7561,884 bushels. 881,780 bushels.

<sup>•79,500</sup> bushels. 101,831,891 bushels. 111,342,021 bushels.

<sup>12 230,325</sup> bushels

<sup>18 1,138,656</sup> bushels. 14 108,863 bushels. 15 9,800 bushels. 15 91,000 bushels.

The number of persons employed in the fisheries of these States in 1898 was 9,185 for New York, and 12,270 for New Jersey; the capital invested amounted to \$7,589,787 for New York and \$2,337,422 for New Jersey; the value of the products was \$3,545,189 and \$3,563,766 respectively.

The large increase in the number of persons employed and in the capital invested in the fisheries of New York in 1898 as compared with 1897, is due mainly to the fact that the statistics for 1898 include the persons and capital in the wholesale fishery trade of New York City, and also to the transfer of the location of the menhaden industry, which has been consolidated to an important extent and is controlled chiefly in New York.

# ARTIFICIAL DRIERS IN CURING CODFISH.

Several fish-driers have been in use in the British Provinces during the past few years. There are at present but four driers in use in the United States—namely, at Boston and Gloucester, Mass.; Rockland, Me., and San Francisco, Cal. The fish-drier seems to be destined to become a valuable adjunct to the outfit of the cod-curing establishment. It is not, as yet, intended to supplant open-air fish-drying, but will probably come into general use as an accessory. Any desired temperature and air current may be maintained continuously, and the kilus may be constructed to accommodate large quantities of fish. It permits of fish being dried quickly when it is necessary to do so, and is useful in drying export fish for climates where well-cured fish are desired. When fish, drying out of doors, are endangered by bad weather, they can be saved by being placed in the drier.

Two forms of drier are in use, one—Whitman's patent—in which the kiln is fitted throughout with steam pipes for maintaining the desired temperature, while an air current is forced through the compartments by a blower; the other—devised by Charles E. Weeks—in which the kiln is supplied with a current of warm air without the introduction of heating pipes into the kiln. The kilns in both driers consist of a number of connected booths, each holding about 12 sliding trays, upon which the fish are placed. The trays are about 10 feet long by 4½ wide, with bottoms of galvanized wire netting. The salted fish are laid on the trays either side up and appear to require no turning. Small fish dry in about 12 hours; slack-salted fish in 36 to 48 hours. The temperature is maintained at about 80° during the drying of heavy salted fish. The kiln of the Weeks drier at Rockland, Me., carries about 150 quintals at one time. The Whitman drier at Boston is much larger.