

BULLETIN

OF THE

UNITED STATES FISH COMMISSION.

1884.

I.—INSPECTION OF FISH AND OTHER MARINE PRODUCTS IN THE DISTRICT OF COLUMBIA, 1879 TO 1883, INCLUSIVE.

By CHAS. W. SMILEY.

For several years a careful inspection of the marine products brought into the District of Columbia has been made under the direction of the health officer of the District. Five years ago an arrangement was perfected by Prof. S. F. Baird, Commissioner of Fisheries, with Hon. Smith Townshend, M. D., health officer, whereby the daily receipts of fresh fish, oysters, &c., should be tabulated and transmitted in monthly tables to the Fish Commission. These monthly tables have all been footed and transferred to yearly tables in this office. I am able herewith to present annual tables for 1879, 1880, 1881, 1882, and 1883 (Tables I, II, III, IV, V). In Table VI may be seen the annual summaries of the different kinds of marine edible products for these five years, the total summations of which are as follows:

Products.	1879.	1880.	1881.	1882.	1883.
Miscellaneous					
Shad	1,391,852	2,920,136	2,710,331	1,385,010	1,402,803
Shad	number.. 311,585	320,799	458,368	350,292	261,478
Sturgeon	do. 1,200	1,176	1,280	1,904	1,673
Herring	do. 3,005,984	6,853,721	9,639,568	6,499,865	4,983,998
Clams	do. 1,167,000	1,384,050	1,131,000	1,219,850	1,330,000
Crabs	do. 528,400	682,370	314,800	527,001	690,372
Crawfish	do.	340			
Lobsters	do.			11	
Oysters	bushels.. 259,856	378,295	315,296	411,255	400,564
Terrapin	number.. 1,452	3,154	2,574	834	1,646
Turtles	do. 454	501	117	116	95

The yield of shad and herring may be supposed to have been influenced somewhat by the artificial propagation under the direction of the United States Fish Commission, which has been carried on at the Potomac for a number of years. The run of shad and herring is also affected by the temperature, which varies somewhat for the same date in different years. This is presented in Tables VII to X, inclusive.

TABLE I.—Monthly summary of the fresh fish, oysters, &c., inspected by the health officer of the District of Columbia during the year 1879.

[The figures given are in pounds, unless stated to refer to other denominations.]

Description.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Alewives <i>a</i>									5,400	9,075	2,000		16,475
Bass, black						87							87
Bluefish <i>b</i>					17,193	31,190	49,152	36,100	73,850	39,860	950		248,295
Catfish	1,200	7,200			180,300	79,150	40,450	9,400	13,650	39,100	17,300	14,100	401,850
Clams (number)					369,000	356,000	254,000	180,000	8,000				1,167,000
Cod												2,000	2,000
Crabs (number)		3,100			154,800	136,800	96,300	95,500	35,800	4,200	300	1,600	528,400
Drum									165	8	67		240
Eels	175	3,735			19,120	725	107	45	314	3,650	5,800	3,310	36,981
Flounders									594	2,885	2,500	570	6,549
Fresh-water fish, small					48,900		6,425	2,075					57,400
Herring, fresh-water (number)			61,635	1,603,649	1,906,885	33,260	330				225		3,605,984
Hogfish										330			330
Mackerel						45	3,509	2,419	1,144				7,117
Mackerel, Spanish						750							825
Oysters (bushels)	29,138	41,982							22,086	47,730	56,660	61,760	259,356
Perch, yellow	900	8,500								2,355	4,900	8,550	25,205
Perch, white	700	10,150			c 10,355	8,905	8,300	d 6,500	37,850	76,400	88,900	18,600	272,660
Pike, yellow	50	2,645			1,190	225	315		393	1,560	4,100	3,125	13,603
Rockfish <i>e</i>	750	4,475			11,050	13,335	15,300	13,500	20,930	23,950	36,300	8,625	148,215
Scupf						90			1,077	5			1,172
Shad (number)			3,570	116,938	168,515	22,218	163	70		52		5	311,555
Shad, winter	1,700	13,150							4,725	14,950	22,100	14,600	72,225
Sheepshead					197	230	24	12		57			597
Smelt					31,000								31,000
Sturgeon (number)					549	283	187	95	75	3	8		1,200
Sunfish <i>g</i>									987	1,375			2,362
Terrapin (number)					115		25		51	214	457	500	1,452
Trout, salt-water <i>h</i>					6,550	3,885	4,900	2,500	13,704	11,725	i 2,250		45,514
Turtle, green (number)					j 397	36		9	8	4			454

a Bugheads, or menhaden.
e Or striped bass.

b Or salt-water taylors.
f Or porgies.
i Reported as salmon-trout.

c Includes some yellow perch.
g Or tobacco-box.
j Reported as snapping turtle.

d Reported as whitefish.
h Or squeteague.

TABLE II.—Monthly summary of the fresh fish, oysters, &c., inspected by the health officer of the District of Columbia during the year 1880.

[The figures given are in pounds, unless stated to refer to other denominations.]

Description.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Alewives <i>a</i>			1,180	1,900	7,620				4,700	2,800	1,300		19,500
Bass, black.....	9												9
Bluefish <i>b</i>				1,100	32,735	71,969	99,375	82,269	46,065	35,745	2,730		371,968
Catfish.....	13,800	31,300	97,435	98,740	113,500	15,490	11,020	1,635	12,400	32,000	36,500	6,000	469,820
Clams (number).....		47,000	87,600	162,400	362,000	297,950	225,000	175,000	28,000				1,384,950
Crabs (number).....	2,400	13,200	71,900	95,170	142,200	113,800	112,300	89,100	35,600	6,700			682,370
Crawfish (number).....					340								340
Croakers.....						5,720	4,900	9,470	6,500	3,000			29,590
Drum.....								16	224	63	13		316
Eels.....	540	433	6,098	15,355	7,035	261	155	129	400	2,775	2,740	335	36,256
Flounders.....								700	3,125			50	3,875
Fresh-water fish, small.....		1,257											1,257
Gars.....			195	95	105	49	25						469
Herring, fresh-water (number).....	50	3,045	235,367	2,764,141	3,850,618	500							6,853,721
Mackerel, Spanish.....					90	6,417	3,075	2,296	4,712	1,120			17,710
Mullet <i>c</i>	4,915	5,225	18,295	3,182	1,390	245	635	520	2,875	4,050	870	90	42,292
Oysters (bushels).....	60,720	56,080	44,875	20,459	4,174	1,345	911	1,866	22,708	52,575	65,310	47,272	378,295
Perch, white.....	5,975	13,925	66,660	335,315	266,500	17,070	9,475	9,630	19,500	64,550	91,000	10,850	910,450
Perch, yellow.....	26,200	25,200	58,160	11,910	4,090	502	275		555	3,500	7,700	2,850	140,942
Pike, yellow.....	5,395	7,375	7,332	1,735	360	230	455	10		1,125	1,070	725	25,752
Rockfish <i>d</i>	687	13,682	41,971	18,053	8,205	9,170	21,275	22,095	34,600	121,900	99,300	15,200	406,138
Scup <i>e</i>						540	319	80	75	14			1,028
Shad (number).....	4	28	10,110	165,071	139,441	6,145							320,799
Shad, winter.....	20,100	21,826	36,555	16,285	3,995	1,580	4,600	5,826	16,730	48,500	31,200	15,600	222,797
Sheepshead.....					126	424	17	181	124	669			1,541
Spots.....						1,620	2,400	10,430	2,650	12,280	100		29,480
Sturgeon (number).....			6	20	455	221	209	61	71	86	47		1,176
Sunfish <i>f</i>	3,775	2,710	1,465	10,550	2,500								21,000
Taylor, fresh-water <i>g</i>			2,435	25,669	13,283								41,387
Terrapin (number).....	960		327	177	138	16	7						1,387
Trout, salmon.....					37,860								37,860
Trout <i>h</i>				13,630		5,201	4,637	8,390	19,020	36,625			87,503
Turtle, green (number).....					31	50	15	6	8				110
Turtle, snapping (number).....					191	110	80	10					391

a Menhaden, or bugheads.

b Or salt-water taylors.

c Or sucker.

d Or striped bass.

e Or porgies.

f Or tobacco-box.

g Skip-jack, or hickory shad.

A Salt-water trout, or squeteague.

TABLE III.—*Monthly summary of the fresh fish, oysters, &c., inspected by the health officer of the District of Columbia during the year 1881.*

[The figures given are in pounds, unless stated to refer to other denominations.]

Description.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bluefish <i>a</i>					5,200	60,721	48,279	35,457	39,314	7,382			196,353
Bonito						24							24
Catfish	1,000	7,000	168,200	485,000	131,000	28,400	1,995	1,075	4,070	14,480	17,675	14,570	874,465
Chubs of North Carolina												1,800	1,800
Clams (number)			37,000	133,000	231,000	291,000	233,000	180,000	260,000				1,131,000
Crabs (number)					48,100	87,400	67,700	77,850	22,750	7,030	3,950		314,800
Drum							23			5			122
Eels			2,379	13,990	7,155	25				92			122
Flounders										735	3,050	2,475	29,809
Gars <i>b</i>			202	199	101			5	38	2,680			6,978
Grunters					1,200								502
Haddock						800							800
Herring, fresh-water (number)			221,958	3,618,796	5,712,814	80,000							9,633,568
Mackerel						5,860							5,860
Mackerel, Spanish							3,421	1,721	3,701	923			9,766
Mullet <i>c</i>		3,000	9,750	5,360	400				300	955	1,235	1,445	22,445
Oysters (bushels)	27,608	32,350	42,080	21,850	5,950	481	367	189	12,088	46,994	62,785	62,554	315,296
Perch, yellow	400	8,000	75,500	36,900	22,700	670	35	110		955	2,065	5,040	162,375
Perch, white	100	3,000	195,025	544,000	73,800	9,250	5,235	1,945	4,155	9,845	38,420	6,995	891,770
Pickeral and pike										10	195	480	2,420
Pike, yellow		700	4,370	3,020									8,090
Pollock										104			104
Rockfish <i>d</i>	100	4,000	150,700	31,500	8,950	8,540	8,910	11,510	12,265	43,130	94,805	20,960	395,370
Soup <i>e</i>						753	131	21	678	106			1,689
Shad (number)			16,074	239,716	200,723	7,855							458,368
Shad, winter <i>f</i>	200	2,000		830						755	9,150	9,055	23,865
Sheepshead						76		25		69	23		451
Smelt							258						1,805
Spot							510	1,295					1,805
Sturgeon (number)				6	261	557	1,005	2,330	1,655	369	990		6,349
Taylor, fresh-water <i>g</i>				36,871	1,460		69	193	153	8	42		1,289
Terrapin (number)	125	20	472								800		39,131
Trout, salmon											1,408		2,574
Trout, salt-water			73,212		1,380	1,227	5,645	9,105	11,692	17,894	226		19,812
Turtle (number)						167	123	110	417		2,225		35,499

a Or salt-water taylor.
b Probably silver-gars.
c Or sucker.

d Or striped bass.
e Or porgies.
f Or mud.

g Skip-jack or hickory shad.
h Reported as salt-water terrapin or diamond-backs.
i Reported as brook trout.

j Reported 45 green turtles and 22 snapping-turtles.
k Reported as sea turtle.
l Reported by number.

TABLE IV.—*Monthly summary of fresh fish, oysters, &c., inspected by the health officer of the District of Columbia during the year 1882.*

[The figures given are in pounds, unless stated to refer to other denominations.]

Description.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Blackwills.....							90						120
Bluefish <i>a</i>					305	35,895	70,205	64,820	47,920	30	2,200		224,040
Carp.....		110								6,695			110
Catfish.....	11,920	52,390	44,815	47,520	2,752	15,645	8,510	6,610	9,275	43,960	19,710	8,490	271,597
Chubs of North Carolina.....												855	855
Clams (number).....					269,000	310,000	392,000	274,000	64,850				1,219,850
Croakers.....					675		83,925						4,600
Crabs (number).....	2,300	2,500			104,650	82,161	112,040	132,400	80,400	10,550			527,001
Drum.....				1	3		6		30	10	96	1	147
Eels.....	530	435	5,645	19,580	8,740	650	90	250	316	5,025	1,705	570	43,536
Flounders.....										125			125
Herring, fresh-water (number).....	9	1,051	127,302	2,989,456	3,282,391	99,656							6,499,885
Hogfish.....											80		80
Lobsters (number).....						11							11
Mackerel, Spanish.....						1,292	3,182	1,845	1,791	39			8,149
Mullet <i>d</i>	6,905	5,075	5,255	2,630	315					1,035	1,795	4,365	27,375
Oysters (bushels).....	54,500	54,430	44,300	17,850	1,466	647	403	1,331	19,828	70,145	73,200	73,155	411,255
Perch, yellow.....	9,930	8,855	16,715	8,325						33	395	6,035	50,288
Perch, white.....	980	6,400	25,270	39,565	26,710	2,970	3,070	5,260	6,275	16,965	34,940	10,995	179,270
Pike, yellow.....	<i>f</i> 1,905	<i>f</i> 3,400	<i>f</i> 8,235	<i>g</i> 5,555			145		<i>f</i> 125	<i>f</i> 1,600	<i>f</i> 5,745	<i>f</i> 6,660	31,370
Pompano.....										235			235
Rockfish <i>h</i>	860	19,250	73,415		6,605	4,325	15,060	10,540	15,820	59,860	81,550	47,580	334,865
Scup <i>i</i>					68	943	204		46				1,261
Shad (number).....		14	18,895	226,164	101,175	3,989							350,292
Shad, winter <i>j</i>	2,370	2,230	995	31,195				55					59,870
Sheepshead.....					145	111	46	160	2,565	8,755	9,830	1,930	615
Spot.....						870	1,305	2,705	107	46			7,460
Sturgeon (number).....				16	357	844	281	138	2,185	425	170	15	1,904
Taylor, fresh-water <i>k</i>			2,192	23,172	1,070				203	50			26,434
Terrapin (number).....	<i>l</i> 46												834
Trout.....					22,160	16,505	<i>m</i> 1,203	<i>n</i> 5,210	1,820	<i>n</i> 7,835	1,655	470	66,858
Trout, salmon.....					2,343	1,405				98			3,846
Turtle (number).....					43	<i>p</i> 58	<i>q</i> 8	<i>q</i> 3	<i>q</i> 3		<i>q</i> 1		116

a Or salt-water taylor.

b Reported as croacas.

c Given as number.

d Or sucker.

e Reported as fresh-water mullets.

f Reported as pike.

g Reported as picker and pike.

h Or striped bass.

i Or porgies.

j Or mud.

k Skip-jack or hickory shad.

l Reported as diamond-back.

m Reported as brook trout.

n Reported as gray trout.

o Reported as snapping, green, or sea.

p Reported as sea or snapping.

q Reported as green or sea turtle.

TABLE V.—Summary of the fresh fish, oysters, &c., inspected by the health officer of the District of Columbia during the year 1883.

[The figures given are in pounds, unless stated to refer to other denominations.]

Description.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bluefish <i>a</i>					11,755	45,400	59,750	71,805	33,390	20,925			243,025
Carp		14	8	11	9								37
Catfish	3,085	44,630	35,535	35,430	18,780	10,170	6,530	4,670	7,940	20,065	15,320	12,360	214,515
Chubs of North Carolina	3,585	4,500									6,025	21,050	35,160
Clams (number)				66,200	286,000	346,000	345,000	271,000	63,100			2,700	1,380,000
Codfish	8,500												8,500
Crabs (number)				18,200	79,350	139,250	205,450	189,600	38,550	7,900			678,300
Crabs, soft (number)					7,440		3,600	1,032					12,072
Croakers						b2,035	12,690	5,935					20,660
Drum						9	4	12	3				42
Eels		250	2,345	19,810	15,690	513	905	835	1,380	3,970	14	4,040	50,203
Flounders										55	23		78
Herring, fresh-water (number)		925	67,016	2,675,134	2,227,392	8,931							4,979,398
Herring, Nova Scotia	4,600												4,600
Mackerel						463							463
Mackerel, Spanish							4,480	5,419					10,550
Mullet	2,935	12,220	10,445	5,345	780				590	71			10,550
Oysters (bushels)	44,750	48,853	39,000	25,814	3,900	1,449	1,722	3,134	26,237	1,625	2,400	2,575	38,845
Perch, white		16,025	27,925	34,360	21,545	380	1,590	4,115	7,165	24,810	40,570	4,885	400,564
Perch, yellow	10,945	19,525	40,285	9,735					735	3,240	5,810	11,310	183,370
Pike	2,975	10,670	12,560	5,020	1,245				590	4,355	6,070	6,700	101,585
Rockfish <i>c</i>	3,630	21,775	33,810	29,155	8,365	7,900	10,290	19,080	18,345	39,760	70,985	11,765	50,185
Scup <i>d</i>						319							274,860
Shad (number)		4	11,254	171,641	76,127	2,452							319
Shad, winter	2,885	3,145							1,085	7,640	8,045	3,000	261,478
Sheepshead					740	1,043	24	124	11	133	11		25,800
Smelt	2,400												2,086
Spot					1,200	1,610	4,415	6,175	1,865	3,690			2,400
Sturgeon (number)					346	718	127	318	151	12			18,955
Taylor, fresh-water		1	1,111	8,936	489							1	10,537
Terrapin, diamond-backed (number)	394												1,646
Trout, salmon					3,298	1,052			362		934	318	4,712
Trout, salt-water					e26,925	f37,075	e11,965	e3,995	f9,985	f13,065	f735		103,745
Turtle, sea (number)					3	42	12	17					95
Whitefish	498								17	4			498

a Or salt-water taylors.

b Returned as "crocas."

c Or striped bass.

d Or porgies.

e Returned simply as "trout."

f Returned under name of "gray trout."

TABLE VI.—Yearly summary of the fresh fish, oysters, &c., inspected by the health officer of the District of Columbia, for the years 1879–1883, inclusive.

Description.	1879.	1880.	1881.	1882.	1883.
Alewires <i>a</i>	16,475	19,500			
Bass, black.....	37	9			
Black wills.....				120	
Bluefish <i>b</i>	248,295	371,988	196,353	224,040	243,025
Bonito.....			24		
Carp.....				110	37
Catfish.....	401,850	469,820	874,465	271,597	214,515
Chubs of North Carolina <i>u</i>			1,800	855	35,160
Clams (number).....	1,167,000	1,384,950	1,131,000	1,219,850	1,380,000
Cod.....	2,000				8,500
Crabs (number).....	528,400	682,370	314,800	527,001	690,372
Crawfish (number).....		340			
Croakers.....		29,590		c 4,600	20,660
Drum.....	240	316	122	147	42
Eels.....	36,981	36,256	29,809	43,536	50,203
Flounders.....	6,549	3,875	6,978	125	78
Fresh-water fish, small.....	57,400	1,257			v 498
Gars <i>d</i>		469		502	
Grunters.....			1,200		
Haddock.....			800		
Herring, fresh-water (number).....	3,605,984	6,853,721	9,633,568	6,499,865	w 4,983,998
Hogfish.....	330			80	
Lobsters (number).....				11	
Mackerel.....	7,117		5,800		463
Mackerel, Spanish.....	825	17,710	9,796	8,149	10,550
Mullet <i>e</i>		42,292	22,445	f 27,375	38,845
Oysters (bushel).....	259,356	378,295	315,296	411,255	400,564
Perch, white.....	g 272,680	910,450	891,770	179,270	183,370
Perch, yellow.....	25,205	140,942	152,375	50,288	101,585
Pickrel and pike.....			2,420		
Pike, yellow.....	13,603	25,752	8,090	h 31,870	50,185
Pollock.....			104		
Pompano.....				235	
Rockfish <i>i</i>	148,215	406,138	395,370	334,865	274,860
Scup <i>j</i>	1,172	1,028	1,689	1,261	319
Shad (number).....	311,585	320,799	521,368	350,292	261,478
Shad, winter.....	k 72,225	222,707	23,865	59,870	25,800
Sheepshead.....	597	1,541	451	615	2,086
Smelt.....	31,000		1,805		2,400
Spot.....		29,480	6,349	7,400	18,955
Sturgeon (number).....	1,200	1,173	1,289	1,904	1,673
Sunfish <i>l</i>	2,362	21,000			
Taylor, fresh-water <i>m</i>		41,387	39,131	26,434	10,537
Terrapin (number).....	1,452	3,154	n 2,574	o 834	1,646
Trout, salmon (pounds).....		37,860		3,846	4,712
Trout, salmon (number).....			19,812		
Trout, salt-water <i>p</i>	q 45,514	87,503	r 35,499	s 66,858	103,745
Turtle <i>t</i> (number).....	454	501	117	116	95

a Or bugheads, or menhaden.

b Or salt-water taylor.

c Of this quantity 3,925 pounds were reported as "crocas."

d Probably silver-gars.

e Or suckers.

f Of this quantity 4,365 were reported as fresh-water mullet.

g Includes a few yellow perch; also 6,500 pounds which were reported as whitefish.

h Of this quantity 27,670 pounds were reported as pike, and 3,555 as pickrel and pike.

i Or striped bass.

j Or porgies.

k Or mud shad.

l Or tobacco-boxes.

m Or skipjacks, or hickory shad.

n Of these 1,957 were reported as salt-water terrapin or diamond-backs.

o Reported as diamond-backs.

p Or squetague or weak-fish.

q Of this quantity 2,250 pounds were reported as salmon trout, erroneously no doubt.

r Of this quantity 3,212 pounds were reported as brook trout.

s Of this quantity 13,045 pounds were reported as gray trout, and 1,203 pounds as brook trout.

t Including several kinds of turtles.

u Or big-mouthed bass.

v Reported as whitefish.

w Of this amount 4,600 pounds was Nova Scotia herring.

8 BULLETIN OF THE UNITED STATES FISH COMMISSION.

TABLE VII.—A comparison of the inspection of shad in the Washington market daily during March, April, May, and June of 1879, 1880, 1881, 1882, and 1883.

Month and day.	1879.	1880.	1881.	1882.	1883.
	Number.	Number.	Number.	Number.	Number.
March 1		4		8	
2		39		39	
3		15			11
4		8		5	
5		66			17
6			4	126	22
7				3	4
8			38	159	2
9			94	193	24
10			20	102	7
11				195	
12			28		56
18			100	64	7
14					94
15			190	3	106
16			295		151
17		1,150	7	505	11
18		186	150	1,312	
19		205	310		174
20			340	1,217	309
21				2,075	9
22			558	388	361
23			424	381	187
24			439	200	54
25		325	21	1,853	
26		415	741	2,029	263
27		400	463		616
28		780		152	
29		1,500	873	881	681
30			2,199	3,765	1,514
31		200	3,294	2,012	3,250
April 1	100	1,610	2,802	2,626	3,220
2	1,781	3,140	1,796	5,289	1,609
3		1,912	3,414	1,343	1,261
4					
5				2,612	1,037
6		1,800		9,000	2,400
7		3,050	4,000	11,158	4,472
8		4,000	6,303	12,859	2,974
9		3,335	3,191	10,769	6,156
10			2,811	8,243	
11			8,077	1,918	5,036
12		1,400			
13		2,000	9,412		18,582
14		1,500		2,152	11,362
15				9,686	6,017
16				14,413	9,686
17				8,303	6,017
18				9,492	9,492
19		4,000	6,282	7,789	11,035
20		7,000	7,047	6,414	9,031
21		3,000	6,661	14,084	
22					7,097
23					
24		2,000	8,452		12,632
25		3,000	15,632	4,839	10,432
26		2,500		17,445	9,997
27			5,294	18,189	5,868
28			4,884	10,500	5,693
29			17,900	4,821	12,920
30			10,300	10,446	7,088
31					11,112
May 1		6,000	3,570		8,696
2		7,500			8,748
3		5,000	6,677	17,883	6,056
4			3,030	22,304	9,046
5			4,600	6,335	8,190
6		10,850	18,218	16,801	5,867
7		8,000	6,068	7,749	6,040
8		6,510	7,008	18,369	7,749
9					
10					5,602
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
June 1		8,280	14,998	10,610	7,784
2		6,317		7,286	5,489
3		9,105	6,026	13,251	4,564
4		6,000	8,746	12,023	4,873
5		6,194	6,634	3,456	5,793
6		12,425	8,815	18,100	4,759
7		10,275	7,505	18,974	4,784

TABLE VII.—A comparison of the inspection of shad, &c.—Continued.

Month and day.		1879.	1880.	1881.	1882.	1883.
		Number.	Number.	Number.	Number.	Number.
May	8	7,594	3,617		6,013	3,288
	9	8,300		8,013	4,969	3,866
	10	4,915	7,656	12,199	4,484	3,222
	11	7,000	6,378	11,508	3,194	2,845
	12	5,750	6,550	3,869	2,047	3,532
	13	7,000	4,822	2,489	2,134	
	14	5,000	9,555	10,908		3,678
	15	6,000	4,040		2,469	2,536
	16	7,000		12,575	5,171	2,772
	17	4,000	10,467	2,110	3,776	1,649
	18	4,500	4,947	8,836	2,593	1,804
	19	3,600		3,849	2,321	1,585
	20	5,000	5,488	5,049	3,280	
	21	6,000	4,995	4,094		2,809
	22	3,000	1,550		4,330	1,269
	23	5,000		8,649	3,003	1,137
	24	3,700	5,181	6,456	2,612	1,844
	25	100	2,000	2,467	1,370	1,117
	26	6,100	2,850	4,139	1,649	1,485
	27	3,500	1,500	1,306	1,437	
	28	1,800	1,421	2,672		2,278
	29	2,000	2,500		1,845	438
	30	1,500				
	31	1,500	1,200	4,793	2,246	696
June	1	2,000	1,300	200	192	449
	2	2,000	327	1,838	154	326
	3	2,000	800	1,118	409	
	4	640	500	800		296
	5	1,000	646		232	383
	6	2,940		536	879	184
	7	200	90	1,100	532	349
	8		88	700	771	279
	9	5,095	2,029	572	329	81
	10	1,650	315	996	262	
	11	618	50			
	12	900			126	
	13	700			243	
	14	600			217	
	15				143	
	16	290				
	17	400				
	18	200				
	19	480				
	20	150				
	21	100				
	22					
	23	105				
	24	25				
	25	20				
	26	50				
	27	15				
	28	25				
	29					
	30	15				
Total		311,241	820,767	458,368	850,223	261,474

NOTE.—In 1879 shad continued to be reported after June 30 as follows: During July, 183 (eleven dates); August, 70 (three dates); September, 52 (seven dates). In 1880 28 shad were reported in February (five dates). In 1882 shad were reported: In February, 14 (four dates); August, 55 (two dates). In 1883 4 shad were reported in February (three dates).

TABLE VIII.—A daily comparison of the inspection of herring in the Washington market during March, April, May, and June, of 1879, 1880, 1881, 1882, and 1883.

Mopth and day.	1879.	1880.	1881.	1882.	1883.
	Number.	Number.	Number.	Number.	Number.
March 1		200	30	507	
2		3,000	25	90	
3		2,680		740	780
4		2,170		520	
5		7,100	120		580
6		120		1,385	500
7				260	290
8		3,200	100	2,831	210
9		7,725		1,739	224
10		900	200	963	280
11			100	2,110	
12		475	1,500		1,661
13		1,500		478	523
14			1,000	210	1,095
15		1,000	1,144	3,236	2,105
16		2,610	900	732	1,783
17		7,600	7,000	2,253	420
18		2,550	5,000	1,312	
19		7,550	40,000		2,915
20			11,200	2,916	4,409
21			2,480	4,607	280
22		26,090	29,520	2,166	2,483
23		39,540	5,400	7,021	490
24		34,140	3,950	2,040	464
25	3,000	4,000	17,020	2,840	3,720
26	5,700	10,352	14,759		
27	6,000	6,860		4,474	5,698
28	13,435		3,850	15,304	3,154
29	33,000	17,830	25,610	15,989	10,540
30		18,930	30,275	27,338	8,880
31	500	10,545	32,075	23,081	13,424
April 1	2,300	47,190	7,832	31,943	
2	14,610	41,630	14,170		9,091
3		21,139	78,363	21,956	10,730
4			10,090	87,774	13,950
5		51,000	33,670	80,798	33,584
6		111,980		78,853	33,801
7		45,000	66,598	13,712	89,108
8		60,000	26,737	13,144	59,229
9		48,400	57,015	28,375	60,554
10		75,000	92,590	144,369	81,791
11		50,000		52,300	96,090
12		50,000	24,236	122,000	25,327
13			17,438	100,128	80,532
14		70,000	47,008	82,445	89,397
15		100,000	79,919	47,553	117,095
16		25,000	85,507	75,592	139,914
17		50,000	84,366	125,347	112,067
18		45,000		49,785	201,816
19		56,008	149,768	173,548	169,205
20			195,385	222,498	129,212
21		27,000	122,642	172,214	177,014
22		80,000	96,008	212,599	170,717
23		83,000	179,543	304,780	
24		80,000	111,900		179,290
25		110,500		301,883	129,122
26		112,000	127,727	528,053	163,695
27			109,501	275,150	188,785
28		187,700	70,320	402,572	100,235
29		90,000	399,062	228,194	161,547
30		90,000	225,808	149,511	
May 1	141,000	385,220	480,847	421,666	228,618
2	110,400		403,920	124,514	164,541
3	96,860	112,220	394,838	96,899	122,511
4	75,000	200,807	160,000	148,679	142,374
5	98,375	230,571	253,220	160,077	162,897
6	146,900	365,300	407,875	181,110	
7	158,550	383,450			234,248

TABLE VIII.—A comparison of the inspection of herring, &c.—Continued.

Month and day.		1879.	1880.	1881.	1882.	1883.	
May	8.....	<i>Number.</i> 133,000	<i>Number.</i> 246,385	<i>Number.</i> 826,050	<i>Pounds.</i> 211,717	<i>Number.</i> 68,718	
	9.....	95,000	.....	422,900	108,413	85,478
	10.....	88,000	232,362	236,250	109,819	134,737	
	11.....	45,400	294,967	175,000	94,942	121,877	
	12.....	97,000	245,678	255,000	55,000	84,925	
	13.....	96,000	200,400	.....	46,800	.....
	14.....	86,000	334,640	269,650	.....	102,423
	15.....	62,000	147,000	.....	51,621	92,291
	16.....	45,000	.....	249,500	122,068	57,867
	17.....	45,000	169,975	100,000	126,753	63,627	
	18.....	25,000	131,750	134,465	90,432	72,381	
	19.....	31,000	.....	89,000	99,257	62,870
	20.....	50,000	60,500	299,968	171,558	.....
	21.....	45,000	51,445	50,900	.....	98,667
	22.....	20,000	22,000	.....	244,222	29,189
	23.....	11,000	.....	128,225	109,987	17,419
	24.....	21,100	48,288	117,130	84,678	21,352	
	25.....	300	8,000	49,000	97,640	7,463	
	26.....	31,000	5,280	30,330	84,324	11,602	
	27.....	25,000	0,000	59,200	78,324	.....
	28.....	10,000	6,380	52,556	.....	19,003
	29.....	8,000	12,000	.....	82,894	0,874
	30.....	5,000	.....	.....	.....	.....
	June	31.....	5,000	80,000	82,793	10,440
		1.....	6,000	27,300	2,637
		2.....	10,000	500	35,000	3,463	1,302
		3.....	10,000	0,000	5,807
		4.....	3,000	12,000	604
5.....		600	.....	.....	6,850	1,892
6.....		1,000	.....	15,000	5,800	406
7.....		300	.....	8,000	7,989	640
8.....		800	.....	4,000	14,050	440
9.....		.....	.....	.....	12,265	900
10.....		600	.....	.....	7,605	.....
11.....		300	.....	.....	.....	.....
12.....		200	.....	.....	5,004	.....
13.....		100	.....	.....	1,747	.....
14.....		100	.....	.....	1,169	.....
15.....		.....	.....	.....	467	.....
16.....		50	.....	.....	.....	.....
17.....		.....	.....	.....	.....	.....
18.....		.....	.....	.....	.....	.....
19.....		.....	.....	.....	.....	.....
20.....		.....	.....	.....	.....	.....
21.....		.....	.....	.....	.....	.....
22.....	.....	.....	.....	.....	.....
23.....	125	.....	.....	.....	.....
24.....	25	.....	.....	.....	.....
25.....	.....	.....	.....	.....	.....
26.....	10	.....	.....	.....	.....
27.....	.....	.....	.....	.....	.....
28.....	50	.....	.....	.....	.....
29.....	.....	.....	.....	.....	.....
30.....	.....	.....	.....	.....	.....
Total.....		3,005,420	6,850,626	9,633,568	6,487,865	4,879,473	

NOTE.—In 1879 herring continued to be reported after June 30 as follows: During July, 330 (seven dates); October, 225 (three dates). In 1880 herring were reported in January, 50 (one date); February, 3,045 (seven dates). In 1882 herring were reported in January, 9 (one date); February, 1,051 (nine dates). In 1883 herring were reported in February, 925 (six dates).

TABLE IX.—A weekly comparison of the inspections of shad in the Washington market during March, April, May, and June of 1879, 1880, 1881, 1882, and 1883.

Week.	1879.	1880.	1881.	1882.	1883.
	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>
March 1-5		132		52	29
6-12		184		778	115
13-19		2,126	470	3,054	543
20-26	740	2,523	4,802	7,783	1,183
27-April 2	4,711	11,699	13,881	12,567	10,046
April 3-9	14,097	27,740	11,489	54,740	22,165
10-16	18,900	38,145	57,019	66,129	51,771
17-23	38,200	49,529	73,439	51,710	58,667
24-30	43,860	48,163	88,630	48,286	37,777
May 1-7	58,596	52,724	84,142	40,223	32,283
8-14	45,619	38,578	49,586	22,841	20,431
15-21	36,100	29,937	36,513	19,019	18,149
22-28	23,200	14,602	25,689	14,401	9,130
29-June 4	11,640	6,627	8,744	4,846	2,205
June 5-11	11,503	3,218	3,904	2,505	1,881
12-18	3,090			729	
19-25	880				
26-30	105				
Total	311,241	320,767	458,368	350,223	261,474

TABLE X.—A weekly comparison of the inspections of herring in the Washington market during March, April, May, and June of 1879, 1880, 1881, 1882, and 1883.

Week.	1879.	1880.	1881.	1882.	1883.
	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>
March 1-5		15,150	175	1,917	1,310
6-12		12,420	1,900	9,288	3,225
13-19		22,810	55,044	8,221	8,841
20-26	8,700	131,822	73,129	21,090	11,046
March 27-April 2	69,845	142,485	113,712	118,729	50,785
April 3-9	225,539	456,093	98,901	417,718	218,950
10-16	370,000	348,608	480,018	552,810	556,086
17-23	341,000	828,212	1,132,422	970,811	900,392
24-30	650,200	1,044,818	1,885,363	996,674	899,715
May 1-7	827,085	1,027,568	2,080,700	1,132,945	1,055,129
8-14	640,400	1,554,432	2,185,750	627,591	598,158
15-21	303,000	560,670	929,923	661,689	447,703
22-28	118,400	95,948	486,441	694,479	107,088
29-June 4	47,000	12,500	138,000	202,317	24,967
June 5-11	3,600		27,000	54,559	4,278
12-18	450			8,407	
19-25	150				
26-30	60				
Total	3,605,429	6,850,626	9,633,568	6,487,805	4,879,473

TABLE XI.—A yearly statement of the number of shad and herring inspected in the Washington market during the six years ending June 30, 1873, 1874, 1875, 1876, 1877, and 1878.

Years.	Shad.	Herring.
1873	852,900	3,789,800
1874	628,637	6,567,240
1875	464,215	1,674,465
1876	319,079	1,488,950
1877	131,199	2,572,124
1878	121,785	2,507,500
Total	2,517,815	18,600,079