

**The Great Hudson River Estuary Fish Count 2012**

Site	Beczak Env Ed Ctr	Flywheel Park	Little Stony Point	Kowawese Unique Area	Long Dock	Norrie Point Env Ctr	Kingston Point Beach	Cohotate Preserve	Papscanee Island Preserve	Peebles Island State Park	TOTALS
<b>City/Borough/Town</b>	Yonkers	Piermont	Cold Spring	New Windsor	Beacon	Staatsburg	Kingston	Athens	T/Schodack	Waterford	
<b>River Mile</b>	18.0	25.0	55.0	59.0	61.0	85.0	92.0	115.0	140.0	155.0	
<b>Water Temperature (°F)</b>		79	82							78	
<b>Salinity (ppt)</b>		10	3.2								
Alewife ( <i>Alosa pseudoharengus</i> )		1	45								46
American Eel ( <i>Anguilla rostrata</i> )						1					1
American Shad ( <i>Alosa sapidissima</i> )									20		20
Atlantic Needlefish ( <i>Strongylura marina</i> )		1									1
Atlantic Silverside ( <i>Menidia menidia</i> )	25	10									35
Banded Killifish ( <i>Fundulus diaphanus</i> )	1		8		2	1			1		13
Blueback Herring ( <i>Alosa aestivalis</i> )			3						3		6
Bluefish ( <i>Pomatomus saltatrix</i> )	3		1								4
Bluegill ( <i>Lepomis macrochirus</i> )										5	5
Channel Catfish ( <i>Ictalurus punctatus</i> )			11								11
Gizzard Shad ( <i>Dorosoma cepedianum</i> )			1								1
Hogchoker ( <i>Trinectes maculatus</i> )									1		1
Largemouth Bass ( <i>Micropterus salmoides</i> )										8	8
Mummichog ( <i>Fundulus heteroclitus</i> )		2									2
Northern Kingfish ( <i>Menticirrhus saxatilis</i> )		1									1
Northern Pipefish ( <i>Syngnathus fuscus</i> )	2										2
Pumpkinseed ( <i>Lepomis gibbosus</i> )			1							4	5
Redbreast Sunfish ( <i>Lepomis auritus</i> )					1						1
Rock Bass ( <i>Ambloplites rupestris</i> )										1	1
Smallmouth Bass ( <i>Micropterus dolomieu</i> )										11	11
spot			1								1
Spotfin Shiner ( <i>Cyprinella spiloptera</i> )										40	40
Spottail Shiner ( <i>Notropis hudsonius</i> )			70							15	85
Striped Bass ( <i>Morone saxatilis</i> )	34	3	35			4			26		102
Striped Mullet ( <i>Mugil cephalus</i> )	4	1									5
Tessellated Darter ( <i>Etheostoma olmstedii</i> )			2			13			5	1	21
White Perch ( <i>Morone americana</i> )		3	18			6			3		30
White Sucker ( <i>Catostomus commersonii</i> )										6	6
Yellow Perch ( <i>Perca flavescens</i> )							71			2	73
YOY Herring								4			4

**Total= 542**

Other Organisms											
Blue Crab ( <i>Callinectes sapidus</i> )	3										3
Comb Jelly ( <i>Ctenophora</i> )	1	1									2
Moon jellyfish ( <i>Aurelia aurita</i> )	3										3
Unidentified Shrimp	23	1									24

**Total= 32**

The Great Hudson River Estuary Fish Count 2013

Site	Brooklyn Bridge Park	East River Park	Hudson River Park	Habirshaw Park	Parelli Park Piermont	Kathryn Davis RiverWalk Ctr	Little Stony Point	Kowawese Unique Area	Long Dock Park	Norrie Point Env Ctr	Kingston Point Beach	Sojourner Truth Park Ulster Landing	Cohotate Preserve	TOTALS
<b>Organization</b>	Brooklyn Bridge Park Conservancy	Lower East Side Ecology Ctr	Hudson River Park Trust	Beczak Env Ed Ctr	Lamont-Doherty Earth Observatory	Teatown Lake Reservation-Strawtown Studio	T.Lake/NYC Fresh Air Fund	T.Lake/Hudson Highlands Nature Museum	Scenic Hudson	Hudson River Research Reserve	Forsyth Nature Ctr/ Kingston Parks	Hudson Estuary Program staff	Greene Co/Columbia-Greene CC	
<b>City/Borough/Town</b>	Brooklyn	Manhattan	Manhattan	Yonkers	Piermont	Sleepy Hollow	Cold Spring	New Windsor	Beacon	Staatsburg	Kingston	T/Ulster	Athens	
<b>River Mile</b>	East River	East River	2.0	18.0	25.0	28.0	55.0	59.0	61.0	85.0	92.0	97.0	115.0	
<b>Water Temperature (°F)</b>	74.0	78.0			84.0	87.0	81.0	83.0	82.0	78.0	83.0	82.0	82.0	
<b>Salinity (ppt)</b>	26.0	24.0	21.0		5.0	5.2	below detection	below detection			below detection	below detection	below detection	
<b>Dissolved Oxygen (ppm)</b>					8.0						5.5	6.0		
<i>Alewife (Alosa pseudoharengus)</i>									12					12
<i>American Eel (Anguilla rostrata)</i>			1	1					1					3
<i>Atlantic Menhaden (Brevoortia tyrannus)</i>					24		33	36	26		26			145
<i>Atlantic Needlefish (Strongylura marina)</i>				1										1
<i>Atlantic Silverside (Menidia menidia)</i>	5													5
<i>Bay Anchovy (Anchoa mitchilli)</i>					10	1				2				13
<i>Blueback Herring (Alosa aestivalis)</i>								1			4			5
<i>Bluefish (Pomatomus saltatrix)</i>	1			1		1								3
<i>Channel Catfish (Ictalurus punctatus)</i>							1				1			2
<i>Common Carp (Cyprinus carpio)</i>													1	1
<i>Mummichog (Fundulus heteroclitus)</i>						1								1
<i>Northern Pipefish (Syngnathus fuscus)</i>	1													1
<i>Pumpkinseed (Lepomis gibbosus)</i>									1					1
<i>Skilletfish (Gobiesox strumosus)</i>		1												1
<i>Smallmouth Bass (Micropterus dolomieu)</i>											1	1		2
spot			1											1
<i>Spottail Shiner (Notropis hudsonius)</i>							29	25	15		11	4	4	88
<i>Striped Bass (Morone saxatilis)</i>				1	4	4	41	44	1		2			97
Unidentified Herring										12			1	13
<i>White Perch (Morone americana)</i>					2	5	7	15	2		6	7	1	45
														<b>Total=</b>
														<b>440</b>
<b>Other Organisms</b>														
<i>Asian Shore Crab (Hemigrapsus sanguineus)</i>	1	1												15
<i>Blue Crab (Callinectes sapidus)</i>					4	2	6		1					13
<i>Comb Jelly (Ctenophora)</i>	15													2
<i>Mud Crab (Panopeus herbstii)</i>		3												3
<i>Shore Shrimp (Palaemonetes vulgaris)</i>		1												1
<i>White-Fingered Mud Crab (Rhithropanopeus harrisi)</i>									1					1
														<b>Total=</b>
														<b>35</b>

<b>Site/Organization Notes</b>		skilletfish on oysters in oyster garden pot				1 striped bass was yearling, rest YOY; crabs both females		6 YOY spottail; 6 YOY white perch	1 YOY spottail; blue crab was male					
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Except as noted above, all herring (including blueback, alewife, menhaden), striped bass, and bluefish were young of the year (YOY)

The Great Hudson River Estuary Fish Count 2014

Site	Brooklyn Bridge Park	East River Park	Hudson River Park	Swindler Cove	Inwood Hill Park	Habirshaw Park	Piermont Pier	Kathryn Davis River/Walk Ctr	Little Stony Point	Kowawese Unique Area	Long Dock Park	Norrie Point Env Ctr	Kingston Point Beach	Cohotate Preserve	Coxsackie Riverfront Park	Schodack Island State Park	Peebles Island State Park	TOTALS	
Organization	Brooklyn Bridge Park Conservancy	Lower East Side Ecology Ctr	Hudson River Park Trust	Hudson Estuary Program staff	Hudson Estuary Program staff	Sarah Lawrence Ctr for the Urban River	Lamont-Doherty Earth Observatory	Teatown Lake Reservation-Strawtown Studio	T.Lake Hudson River Almanac	T.Lake Hudson River	Scenic Hudson	Hudson River Research Reserve	Forsyth Nature Ctr/ Kingston Parks	Coop Ext of Greene County	Hudson Estuary Program staff	Hudson Estuary Program staff	Hudson Estuary Program staff		
City/Borough/Town	Brooklyn	Manhattan	Manhattan	Manhattan	Manhattan	Yonkers	Piermont	Sleepy Hollow	Cold Spring	New	Beacon	Staatsburg	Kingston	Athens	Coxsackie	Castleton	Waterford		
River Mile	East River	East River	2.0	Harlem River	14.0	18.0	25.0	28.0	55.0	59.0	61.0	85.0	92.0	115.0	123.0	133.0	154.0		
Alewife ( <i>Alosa pseudoharengus</i> )									25	30								55	
American Shad ( <i>Alosa sapidissima</i> )																73		73	
Atlantic Silverside ( <i>Menidia menidia</i> )	11			9		17	3	10										50	
Banded Killifish ( <i>Fundulus diaphanus</i> )							4		15	6				3				29	
Blueback Herring ( <i>Alosa aestivalis</i> )									225	270	29					15		539	
Bluefish ( <i>Pomatomus saltatrix</i> )	1		4			2	1	1										9	
Golden Shiner ( <i>Notemigonus crysoleucas</i> )																		1	
Hogchoker ( <i>Trinectes maculatus</i> )												1		1				2	
Largemouth Bass ( <i>Micropterus salmoides</i> )																		3	
Logperch ( <i>Percina</i> )												2						3	
Mummichog ( <i>Fundulus heteroclitus</i> )				3	45	1	8											57	
Northern Kingfish ( <i>Menticirrhus saxatilis</i> )	1																	1	
Northern Pipefish ( <i>Syngnathus fuscus</i> )								1										1	
Oyster Toadfish ( <i>Opsanus tau</i> )		1																1	
Pumpkinseed ( <i>Lepomis gibbosus</i> )															1	1		2	
Redbreast Sunfish ( <i>Lepomis auritus</i> )															1			1	
Smallmouth Bass ( <i>Micropterus dolomieu</i> )									1			1						4	
Spotfin Shiner ( <i>Cyprinella spiloptera</i> )														3		2		58	
Spottail Shiner ( <i>Notropis hudsonius</i> )									75	10			12	3				174	
Striped Bass ( <i>Morone saxatilis</i> )	6			31	1	9	60	46	50	100	5		23	2	4	12		349	
Tessellated Darter ( <i>Etheostoma olmstedii</i> )									30	20		12		2		5	71	140	
Unidentified Herring							3					35	113	25	15			191	
Unidentified Shiner																24		24	
White Catfish ( <i>Ameiurus catus</i> )												1						1	
White Perch ( <i>Morone americana</i> )							17	1	14				8	33	2			75	
White Sucker ( <i>Catostomus commersonii</i> )										1						1		3	
Winter Flounder ( <i>Pseudopleuronectes americanus</i> )	3																	3	
Yellow Perch ( <i>Perca flavescens</i> )																		6	
																		Total=	1855
<b>Other Organisms</b>																			
Asian Shore Crab ( <i>Hemigrapsus sanguineus</i> )							1											1	
Blue Crab ( <i>Callinectes sapidus</i> )	1	1	1				2					1						6	
Comb Jelly ( <i>Ctenophora</i> )	15			2														17	
Green crab ( <i>Carcinus maenas</i> )	1																	1	
																		Total=	25
<b>Site/Organization Notes</b>			blue crab was 8" across; salinity ~14 ppt; ranged from 11-19 ppt through	several blue crab molts			*one blue crab was softshell; 1 of white perch was 20 cm (~8")	4 blue crab molts			salinity measured at 34 ppm Chloride					herring ID by Karin Limburg			

The Great Hudson River Estuary Fish Count 2015

Site	Brooklyn Bridge Park	East River Park, Pier 42	Little Hell Gate Salt Marsh, Randall's Island	Hudson River Park, Pier 25	Hudson River Park, Pier 84	Ft. Washington Park	Habirshaw Park	Piermont Pier	Kathryn Davis RiverWalk Ctr	Croton Pt Park	Little Stony Point	Kowawese Unique Area	Long Dock Park	Norrie Point Env Ctr	Kingston Point Beach	Cohotate Preserve	Schodack Island State Park	Peebles Island State Park	TOTALS
Organization	HREP; Brooklyn Bridge Park Conservancy	Lower East Side Ecology Ctr	Randall's Island Park Alliance	The River Project	Hudson River Park Trust	HREP; NYC Parks	Sarah Lawrence Ctr for the Urban River	Lamont-Doherty Earth Observatory	Teatown Lake Reservation-Strawtown Studio	Westchester Co Parks & Rec	T.Lake Hudson River Almanac	T.Lake Hudson River Almanac	Scenic Hudson	HRNERR	Forsyth Nature Ctr/ Kingston Parks	Coop Ext of Greene County	RiverHaggie Outdoors; Rensselaer Land Trust	HREP; Reg.4 Fisheries; Mohawk Basin staff	
City/Borough/Town	Brooklyn	Manhattan	Manhattan	Manhattan	Manhattan	Manhattan	Yonkers	Piermont	Sleepy Hollow	Croton	Cold Spring	Windsor	Beacon	Staatsburg	Kingston	Athens	Castleton	Waterford	
River Mile	East River	East River	Harlem River	2.0	4.0	11.5	18.0	25.0	28.0	35.0	55.0	59.0	61.0	85.0	92.0	115.0	133.0	154.0	
Alewife ( <i>Alosa pseudoharengus</i> )										8	300	36		4			47		395
American Eel ( <i>Anguilla rostrata</i> )					1	1	5												9
American Shad ( <i>Alosa sapidissima</i> )										4	1	1		6					10
Atlantic Menhaden ( <i>Brevoortia tyrannus</i> )										4									4
Atlantic Silverside ( <i>Menidia menidia</i> )	515		29			155	6	272	104	74	20								1175
Banded Killifish ( <i>Fundulus diaphanus</i> )							4	3		9			2		1	1		25	45
Bay Anchovy ( <i>Anchoa mitchilli</i> )									15										15
Black Crappie ( <i>Pomoxis nigromaculatus</i> )																		4	4
Blueback Herring ( <i>Alosa aestivalis</i> )										3									3
Bluefish ( <i>Pomatomus saltatrix</i> )	3																		3
Bluegill ( <i>Lepomis macrochirus</i> )																		5	5
Channel Catfish ( <i>Ictalurus punctatus</i> )											158						1		159
Cunner ( <i>Tautoglabrus adspersus</i> )		1																	1
Golden Shiner ( <i>Notemigonus crysoleucas</i> )										1									1
Green Sunfish ( <i>Lepomis cyanellus</i> )																		2	2
Hogchoker ( <i>Trinectes maculatus</i> )												1					1		2
Largemouth Bass ( <i>Micropterus salmoides</i> )																		1	1
Lined Seahorse ( <i>Hippocampus erectus</i> )	1																		1
Mummichog ( <i>Fundulus heteroclitus</i> )			59					15		3								1	77
Naked Goby ( <i>Gobiosoma bosc</i> )							2												2
Northern Pipefish ( <i>Syngnathus fuscus</i> )					1	3			3										7
Oyster Toadfish ( <i>Opsanus tau</i> )				10	3														13
Pumpkinseed ( <i>Lepomis gibbosus</i> )											2	1					4		7
Scup ( <i>Stenotomus chrysops</i> )	14																		14
Smallmouth Bass ( <i>Micropterus dolomieu</i> )													1					1	2
Spottail Shiner ( <i>Notropis hudsonius</i> )											30					7		59	96
Striped Bass ( <i>Morone saxatilis</i> )	3					105	13	22	22	37	100	10	4		79		2		397
Striped Killifish ( <i>Fundulus majalis</i> )			2																2
Striped Sea Robin ( <i>Prionotus evolans</i> )								2											2
Tautog ( <i>Tautoga onitis</i> )				3															3
Tessellated Darter ( <i>Etheostoma olmstedii</i> )											25	1					12	41	79
Unidentified Herring										1			78		135	52			266
Unidentified Sunfish										3									3
White Perch ( <i>Morone americana</i> )							1	27	1	55	56	10				32	2		184
White Sucker ( <i>Catostomus commersonii</i> )																		1	1
Winter Flounder ( <i>Pseudopleuronectes americanus</i> )						2													2
Yellow Perch ( <i>Perca flavescens</i> )																		5	5

Total= 2997



The Great Hudson River Estuary Fish Count 2017

Site	Valentino Pier	Brooklyn Bridge Park	Harlem River, Randall's Island Park	Hudson River Park, Pier 25	Hudson River Park, Pier 84	Habirshaw Park	Piermont Pier	Kathryn Davis RiverWalk Ctr	Croton Pt Park	Little Stony Point	Kowawese Unique Area	Long Dock Park	Waryas Park	Norrie Point	Kingston Point Park	Riverside Park	Schodack Island State Park	Peebles Island State Park	Peebles Island State Park	TOTALS
Organization	HREP	Brooklyn Bridge Park Conservancy	Randall's Island Alliance	The River Project	Hudson River Trust	Sarah Lawrence Ctr for the Urban River	Lamont-Doherty Earth Observatory	Teatown Lake Reservation-Strawtown Studio	Westchester Co Parks & Rec	T.Lake Hudson River Almanac	T.Lake Hudson River Almanac	Scenic Hudson	Scenic Hudson	Hudson River Research Reserve	HREP	HREP	RiverHaggie Outdoors, Rensselaer Land Trust	HREP; Reg.4 Fisheries	HREP; Reg.4 Fisheries	
City/Borough/Town	Brooklyn	Brooklyn	Manhattan	Manhattan	Manhattan	Yonkers	Piermont	Sleepy Hollow	Croton	Cold Spring	New Windsor	Beacon	Poughkeepsie	Staatsburg	Kingston	Coxsackie	Castleton	Waterford	Electrofishing Waterford	
River Mile	Upper Bay	East River	Harlem River	2.0	4.0	18.0	25.0	28.0	35.0	55.0	59.0	61.0	76.0	84.0	92.0	123.0	133.0	154.0	154.0	
Alewife ( <i>Alosa pseudoharengus</i> )		1								7	9									17
American Butterfish ( <i>Peprilus triacanthus</i> )				1																1
American Eel ( <i>Anguilla rostrata</i> )								1	6											8
American Shad ( <i>Alosa sapidissima</i> )										29	16	7								52
Atlantic Silverside ( <i>Menidia menidia</i> )	104		16				16	2	9											147
Banded Killifish ( <i>Fundulus diaphanus</i> )								2	5								2	45		54
Black Crappie ( <i>Pomoxis nigromaculatus</i> )																				1
Blueback Herring ( <i>Alosa aestivalis</i> )		34									41	24	6							105
Bluefish ( <i>Pomatomus saltatrix</i> )	1		8		3		11		12											35
Bluegill ( <i>Lepomis macrochirus</i> )											1									2
Bowfin ( <i>Amia calva</i> )																				1
Brook Silverside ( <i>Labidesthes sicculus</i> )																		2		2
Brown Bullhead ( <i>Ameiurus nebulosus</i> )									11											1
Chain Pickerel ( <i>Esox niger</i> )																				1
Channel Catfish ( <i>Ictalurus punctatus</i> )							2													3
Common Carp ( <i>Cyprinus carpio</i> )																				1
Cunner ( <i>Tautoglabrus adspersus</i> )		1																		1
Fallfish ( <i>Semotilus corporalis</i> )																		1		1
Feather Blenny ( <i>Hyposblennius hertz</i> )				1																1
Freshwater Drum ( <i>Aplodinotus grunniens</i> )																				1
Gizzard Shad ( <i>Dorosoma cepedianum</i> )																				1
Golden Shiner ( <i>Notemigonus crysoleucas</i> )																	1			2
Goldfish ( <i>Carassius auratus</i> )																				1
Green Sunfish ( <i>Lepomis cyanellus</i> )																				1
Hogchoker ( <i>Trinectes maculatus</i> )															1					1
Largemouth Bass ( <i>Micropterus salmoides</i> )								1	1									2	1	5
Logperch ( <i>Percina</i> )																		1		1
Mummichog ( <i>Fundulus heteroclitus</i> )							3													3
Northern Kingfish ( <i>Menticirrhus saxatilis</i> )		1																		1
Northern Pike ( <i>Esox lucius</i> )																				1
Northern Pipefish ( <i>Syngnathus fuscus</i> )		1						8	1											10
Oyster Toadfish ( <i>Opsanus tau</i> )				2																2
Pumpkinseed ( <i>Lepomis gibbosus</i> )													1				3			5
Redbreast Sunfish ( <i>Lepomis auritus</i> )									1					5						7
Skilletfish ( <i>Gobiesox strumosus</i> )				1																1
Smallmouth Bass ( <i>Micropterus dolomieu</i> )														3						4
Spotfin Shiner ( <i>Cyprinella spiloptera</i> )																5				5
Spottail Shiner ( <i>Notropis hudsonius</i> )										45	6	1			10	23	10	8		103
Striped Bass ( <i>Morone saxatilis</i> )	3	7	4			4	47	5	335	8	6	6	29	15	10					479
Tautog ( <i>Tautoga onitis</i> )		3		2																5
Tessellated Darter ( <i>Etheostoma olmstedii</i> )													1				4	1		6
Trout-Perch ( <i>Percopsis omiscomaycus</i> )																		2		2
Unidentified Herring			4						16					20	20		31			91
Unidentified Sunfish									8											8
Walleye ( <i>Sander vitreus</i> )																				1
White Perch ( <i>Morone americana</i> )						1	14	13	50	10	12		10	2	3		5			120
White Sucker ( <i>Catostomus commersonii</i> )																		2	1	3
Winter Flounder ( <i>Pseudopleuronectes americanus</i> )		4																		4
Yellow Perch ( <i>Perca flavescens</i> )																		5	1	6

Total= 1325

The Great Hudson River Estuary Fish Count 2018

Site	Fort Totten, Little Bay	Park, 66th Street, Manhattan	Bezczak, Yonkers	Piermont Pier, Piermont	Kingsland Pt. Park	Croton Point Park, Croton	Little Stony Point	Kowawesse	Waryas Park, Poughkeepsie	Norrie Pt	Kingston Point, Kingston	Schodack Landing	Peebles Island	Mohawk River Electroshock	TOTALS
Organization	Nyack College and NYC Parks	HR Sloop Clearwater	Sarah Lawrence Center for the Urban River at Bezczak	Lamont-Doherty Earth Observatory	Teatown	Westchester County Parks	Steve Stanne, DECHREP	DEC	Scenic Hudson	DEC		Rensselaer Land Trust/River Haggie Outdoors	DEC		
River Mile	East River		18.0	25.0	28.0	35.0	55.0	59.0	75.5	84.5	92.0	134.5	154.0	Mohawk River	
Water Temperature (°F)	74.0		81.4	80.0		82.0	79.0	83.0	80.0		77.3	77.0			
Salinity (ppm)	27000		9.5 ppt	6000		1600	44		48		31				
Alewife ( <i>Alosa pseudoharengus</i> )						1	12	19							32
American Eel ( <i>Anguilla rostrata</i> )		1				2	1							36	40
American Shad ( <i>Alosa sapidissima</i> )								74							74
Asian shore crab ( <i>Hemigrapsus sanguineus</i> )						1									1
Atlantic Needlefish ( <i>Strongylura marina</i> )						1	1								2
Atlantic Silverside ( <i>Menidia menidia</i> )	368		36	210	75	40									729
Banded Killifish ( <i>Fundulus diaphanus</i> )						3	5	1			3		1		13
Bay Anchovy ( <i>Anchoa mitchilli</i> )						100									100
Black Crappie ( <i>Pomoxis nigromaculatus</i> )														3	3
Blue crab ( <i>Callinectes sapidus</i> )	5	2	1	2		1									11
Blueback Herring ( <i>Alosa aestivalis</i> )								135	4					254	393
Bluefish ( <i>Pomatomus saltatrix</i> )			1		3	1	2								12
Bluegill ( <i>Lepomis macrochirus</i> )									1				1	53	55
Bowfin ( <i>Amia calva</i> )														2	2
Brown Bullhead ( <i>Ameiurus nebulosus</i> )													1	2	3
Channel Catfish ( <i>Ictalurus punctatus</i> )							3							98	101
Common Carp ( <i>Cyprinus carpio</i> )														27	27
Fallfish ( <i>Semotilus corporalis</i> )														11	11
Fourspine Stickleback ( <i>Apeltes quadracus</i> )						1									1
Freshwater Drum ( <i>Aplodinotus grunniens</i> )														46	46
Gizzard Shad ( <i>Dorosoma cepedianum</i> )						1								4	5
Grass Shrimp ( <i>Palaemonetes pugio</i> )		2	2												4
Hogchoker ( <i>Trinectes maculatus</i> )											5				5
Largemouth Bass ( <i>Micropterus salmoides</i> )										2		1			3
Logperch ( <i>Percina</i> )														18	18
Moon Jellyfish ( <i>Aurelia aurita</i> )			45												45
Mummichog ( <i>Fundulus heteroclitus</i> )				1											1
Northern Hogsucker ( <i>Hypentelium nigricans</i> )														1	1
Northern Kingfish ( <i>Menticirrhus saxatilis</i> )	2														2
Northern Pipefish ( <i>Syngnathus fuscus</i> )						2									2
Northern Pipefish ( <i>Syngnathus fuscus</i> )														2	2
Northern Puffer ( <i>Sphoeroides maculatus</i> )	1														1
Oyster Toadfish ( <i>Opsanus tau</i> )															1
Pumpkinseed ( <i>Lepomis gibbosus</i> )						1	2		1	2				2	8
Rock Bass ( <i>Ambloplites rupestris</i> )														7	7
Sea Lamprey ( <i>Petromyzon marinus</i> )														1	1
Shorthead Redhorse ( <i>Moxostoma macrolepidotum</i> )														7	7
Smallmouth Bass ( <i>Micropterus dolomieu</i> )														122	122
Spot	1														1
Spotfin Shiner ( <i>Cyprinella spiloptera</i> )													1	55	56
Spottail Shiner ( <i>Notropis hudsonius</i> )							31							1	32
Striped Bass ( <i>Morone saxatilis</i> )	3		5	14		15	27	78		3	155	19		1	320
Striped Killifish ( <i>Fundulus majalis</i> )	4														4
Striped Sea Robin ( <i>Prionotus evolans</i> )	1														1
Summer Flounder ( <i>Paralichthys dentatus</i> )				1											1
Tessellated Darter ( <i>Etheostoma olmstedii</i> )							9			1		10	1	1	22
Toebiter ( <i>Belostomatidae</i> )									1						1
Walleye ( <i>Sander vitreus</i> )														5	5
White Perch ( <i>Morone americana</i> )	3		1	1	1	15	15				7			62	105
White Sucker ( <i>Catostomus commersonii</i> )														35	35
Winter flounder ( <i>Pseudopleuronectes americanus</i> )	3	1													4
Yellow Perch ( <i>Perca flavescens</i> )														3	3
YOY Herring							2			95	174	87			358
YOY Sunfish									1						1

Total= 2840

The Great Hudson River Estuary Fish Count 2019																				
Site	Brooklyn Bridge Park	Gantry Plaza State Park	Francis Lewis Park	Water's Edge Garden at Randall's Island	Pier 84	Yonkers	Piermont Pier	RiverWalk Center, Kingsland Point Park	Mother's Lap, Croton Point	Little Stony Point	Kowawese	Long Dock Park	Waryas Park	Norrie Point	Esopus Meadows Preserve	Lasher Memorial Park	Schodack Landing	Lower Hudson Park	Peebles Island	TOTALS
Organization	Brooklyn Bridge Park Conservancy	NY State Parks	Nyack College (Nyack College Fishing Club)	Randall's Island Park Alliance	Hudson River Park Trust	Center for the Urban River at Beczak	Lamont-Doherty Earth Observatory	Teatown	Croton Point Nature Center	DEC Hudson River Estuary Program	DEC Hudson River Estuary Program	Scenic Hudson	Scenic Hudson	HRNERR	Clearwater	Columbia Land Conservancy	River Haggie Outdoors	The Children's Museum of Science and Technology	DEC & Mohawk River Basin Program	
City/Borough/Town	Brooklyn	Queens	Queens	NYC	Manhattan	Yonkers	Piermont	Sleepy Hollow	Croton	Cold Spring	New Windsor	Beacon	Poughkeepsie	Staatsburg	Ulster Park	Germantown	Schodack	Green Island	Waterford	
River Mile	East River	East River	East River	Harlem River	5.5	18.0	25.5	28.0	35.0	55.0	58.0	61.0	75.5	84.5	87.0	108.0	134.5	146.0	154.0	
Alewife ( <i>Alosa pseudoharengus</i> )											1						6			7
American Eel ( <i>Anguilla rostrata</i> )				1		1	2	1		2	1					1				9
American Shad ( <i>Alosa sapidissima</i> )												3				1	2			6
Atlantic Menhaden ( <i>Brevoortia tyrannus</i> )	1			2		1			90	61										155
Atlantic Needlefish ( <i>Strongylura marina</i> )	1										1									2
Atlantic Silverside ( <i>Menidia menidia</i> )	362		252	208			91	5	30		1	1								950
Atlantic Tomcod ( <i>Microgadus tomcod</i> )			1																	1
Banded Killifish ( <i>Fundulus diaphanus</i> )										2	1			5	10	21	3			42
Black Crappie ( <i>Pomoxis nigromaculatus</i> )											1									1
Black Sea Bass ( <i>Centropristis striata</i> )		2																		2
Bluefish ( <i>Pomatomus saltatrix</i> )			19	5	1				1											26
Bluegill ( <i>Lepomis macrochirus</i> )																			14	14
Brown Bullhead ( <i>Ameiurus nebulosus</i> )										1					1					2
Brook Silverside ( <i>Labidesthes sicculus</i> )																			32	32
Channel Catfish ( <i>Ictalurus punctatus</i> )										33										33
Hogchoker ( <i>Trinectes maculatus</i> )									3	2			2							7
Largemouth Bass ( <i>Micropterus salmoides</i> )									1		1				2					4
Lookdown ( <i>Selene vomer</i> )									1											1
Naked Goby ( <i>Gobiosoma bosc</i> )							6													6
Northern Kingfish ( <i>Menticirrhus saxatilis</i> )			15																	15
Northern Pipefish ( <i>Syngnathus fuscus</i> )	5		1	8		1	5		2											22
Northern Puffer ( <i>Sphoeroides maculatus</i> )			1																	1
Oyster Toadfish ( <i>Opsanus tau</i> )		1			1															2
Pumpkinseed ( <i>Lepomis gibbosus</i> )											1	1		4						6
Redbreast Sunfish ( <i>Lepomis auritus</i> )														1	1					2
Scup ( <i>Stenotomus chrysops</i> )			1																	1
Silver Perch ( <i>Bidyanus bidyanus</i> )	8		39	2					3											52
Smallmouth Bass ( <i>Micropterus dolomieu</i> )											1					1				2
Spotfin Shiner ( <i>Cyprinella spiloptera</i> )																		17		17
Spottail Shiner ( <i>Notropis hudsonius</i> )									1	35	2						31		26	95
Striped Anchovy ( <i>Anchoa hepsetus</i> )	12																			12
Striped Bass ( <i>Morone saxatilis</i> )					2	7	8	22	25	59	4					22	8			157
Striped Killifish ( <i>Fundulus majalis</i> )			6																	6
Striped Sea Robin ( <i>Prionotus evolans</i> )			1																	1
Summer Flounder ( <i>Paralichthys dentatus</i> )		1	1																	2
Tautog ( <i>Tautoga onitis</i> )	2																			2
Tessellated Darter ( <i>Etheostoma olmsted</i> )										2				4			8		1	15
Unidentified catfish								1					1							2
Unidentified shiner									1											1
White Perch ( <i>Morone americana</i> )					1			2	15	14	10									42
Winter flounder ( <i>Pseudopleuronectes americanus</i> )			2	2																4
Yellow Perch ( <i>Perca flavescens</i> )								2					2							4
Total=																				1763
<b>Other Organisms</b>																				
Asian shore crab ( <i>Hemigrapsus sanguineus</i> )									1											1
Blue crab ( <i>Callinectes sapidus</i> )	5			6		15	102		1		12									141
Comb Jelly ( <i>Ctenophora</i> )						31														31
Grass shrimp ( <i>Palaemonetes pugio</i> )						6	4		1											11
Green crab ( <i>Carcinus maenas</i> )							1													1
Longwristed hermit crab ( <i>Pagurus longicarpus</i> )	1																			1
Moon jellyfish ( <i>Aurelia aurita</i> )						26	12													38
Mud snail ( <i>Tritia obsoleta</i> )	3																			3
Shore Shrimp ( <i>Palaemonetes vulgaris</i> )	3																			3
Total=																				230



The Great Hudson River Estuary Fish Count 2020													
Site	Pier 4, East River	Inwood Hill Park, Dyckman St.	Southern Shoreline on East River	Water's Edge Garden	Piermont Pier	Kingsland Point County Park	Croton Point Park, Mother's Lap	Little Stony Point, Putnam County	Norrie Point	Esopus Meadows Preserve	Nutten Hook	Schodack Island State Park	TOTALS
Organization	Brooklyn Bridge Park Conservancy	NYC Parks, Urban Park Rangers	Randall's Island park Alliance	Randall's Island Park Alliance	Lamont Doherty Earth Observator	Teatown	Westchester County Conservation Dept	NYSDEC HREP	HREP/HRNERR	Hudson River Sloop Clearwater	Citizen Interest (M.V)	River Haggie Outdoors	
City/Borough/Town	Brooklyn	Manhattan	Manhattan	Manhattan	Piermont	Sleepy Hollow	Croton	Little Stony Point	Staatsburg	Ulster Park	Stuyvesant	Schodack Landing	
River Mile	East River	Harlem River	East River	Harlem River	25.0	28.0	35.0	55.0	85.0	88.0	124.0	136.0	
Alewife ( <i>Alosa pseudoharengus</i> )	1							78				3	82
American Eel ( <i>Anguilla rostrata</i> )	1				1								2
American Shad ( <i>Alosa sapidissima</i> )												2	2
Atlantic Silverside ( <i>Menidia menidia</i> )	58	58		105	34	71	5						331
Banded Killifish ( <i>Fundulus diaphanus</i> )									2	8		3	13
Bay Anchovy ( <i>Anchoa mitchilli</i> )							1	68					69
Black Sea Bass ( <i>Centropristis striata</i> )			11										11
Blue Crab ( <i>Callinectes sapidus</i> )		4		4	10	1							19
Blueback Herring ( <i>Alosa aestivalis</i> )							2	8					10
Bluegill ( <i>Lepomis macrochirus</i> )									36				36
Channel Catfish ( <i>Ictalurus punctatus</i> )								13					13
Common Carp ( <i>Cyprinus carpio</i> )										1			1
Common Shiner ( <i>Luxilus cornutus</i> )									3				3
Golden Shiner ( <i>Notemigonus crysoleucas</i> )									6	1			7
Goldfish ( <i>Carassius auratus</i> )										4			4
Largemouth Bass ( <i>Micropterus salmoides</i> )							1		2	4			7
Mummichog ( <i>Fundulus heteroclitus</i> )				3									3
Naked Goby ( <i>Gobiosoma bosc</i> )					1								1
Northern Kingfish ( <i>Menticirrhus saxatilis</i> )				1									1
Northern Pipefish ( <i>Syngnathus fuscus</i> )				3			6						9
Oyster Toadfish ( <i>Opsanus tau</i> )				1									1
Pumpkinseed ( <i>Lepomis gibbosus</i> )									6	8			14
Redbreast Sunfish ( <i>Lepomis auritus</i> )									1				1
Redfin Pickerel ( <i>Esox americanus</i> )										1			1
Scup ( <i>Stenotomus chrysops</i> )			1	1									2
Silver Perch ( <i>Bidyanus bidyanus</i> )	3												3
Skilletfish ( <i>Gobiesox strumosus</i> )	1												1
Smallmouth Bass ( <i>Micropterus dolomieu</i> )									4				4
Spottail Shiner ( <i>Notropis hudsonius</i> )								93	24		2	8	127
Striped Bass ( <i>Morone saxatilis</i> )		1	1	1	2	3	43	111				7	169
Striped Killifish ( <i>Fundulus majalis</i> )	1												1
Tautog ( <i>Tautoga onitis</i> )	5			1									6
Tessellated Darter ( <i>Etheostoma olmstedii</i> )									4				4
Unidentified herring							2						2
Unidentified shiner									2				2
Unidentified YOY sunfish									2	3			5
White Perch ( <i>Morone americana</i> )							25	10					35
Yellow Perch ( <i>Perca flavescens</i> )							1						1
Total=													1003
Other Organisms													
Blue Crab ( <i>Callinectes sapidus</i> )		4		4	10	1							19
Comb Jelly ( <i>Ctenophora</i> )	4												4
Harris Mud Crab ( <i>Rhithropanopeus harrisi</i> )					1								1
Shore Shrimp ( <i>Palaemonetes vulgaris</i> )	2				150								152
White Cross Hydromedusa ( <i>Staurophora mertensi</i> )	1												1
YOY horseshoe crabs ( <i>Limulidae</i> )	2												2
Total=													179

The Great Hudson River Estuary Fish Count 2021

Site	Gantry Plaza State Park	Inwood Hill Park, Dyckman St.	Wetlab at Pier 40	Habirshaw Park	Piermont Pier	Little Stony Point, Putnam County	Norrie Point	Kingston (Trawl)	Nutten Hook	Schodack Island State Park	Peebles Island State Park	TOTALS
Group/Organization	NY State Parks	NYC Parks Urban Park Rangers	Hudson River Park's River Project	Center for the Urban River at Bezak	Lamont Doherty Earth Observatory	NYSDEC/HRNERR/HREP	NYSDEC/HRNERR/HREP	Hudson River Sloop Clearwater	NYSDEC/HRNERR/HREP	River Haggie Outdoors	NYSDEC Fisheries	
City/Borough/Town	Queens	Manhattan	Manhattan	Yonkers	Piermont	Little Stony Point	Staatsburg	Kingston	Stuyvesant	Schodack Landing	Waterford	
River Mile	East River	Harlem River	2.0	18.0	25.0	55.0	85.0	92.0	124.0	136.0	154.0	
Water Temperature (F)	23.0	80.0	75.0		81.5	25.6		76.0	74.0			
Salinity (ppt)	20.0		9.0		0.667							
Dissolved Oxygen (ppm)	7.0	4.0	7.0		14.0				10.0			
Alewife ( <i>Alosa pseudoharengus</i> )											8	8
American Eel ( <i>Anguilla rostrata</i> )		3					2		1		5	11
Atlantic Menhaden ( <i>Brevoortia tyrannus</i> )		5										5
Atlantic Silverside ( <i>Menidia menidia</i> )		120	6	80	26							232
Atlantic Tomcod ( <i>Microgadus tomcod</i> )								1				1
Banded Killifish ( <i>Fundulus diaphanus</i> )									38			38
Black Crappie ( <i>Pomoxis nigromaculatus</i> )											1	1
Blueback Herring ( <i>Alosa aestivalis</i> )						525	23				2	550
Bluefish ( <i>Pomatomus saltatrix</i> )		2										2
Bluegill ( <i>Lepomis macrochirus</i> )							1			4	6	11
Brook Silverside ( <i>Labidesthes sicculus</i> )											3	3
Brown Bullhead ( <i>Ameiurus nebulosus</i> )							2	2			1	5
Channel Catfish ( <i>Ictalurus punctatus</i> )								38			8	46
Common Carp ( <i>Cyprinus carpio</i> )											3	3
Emerald Shiner ( <i>Notropis atherinoides</i> )											4	4
Freshwater Drum ( <i>Aplodinotus grunniens</i> )											10	10
Gizzard Shad ( <i>Dorosoma cepedianum</i> )											4	4
Golden Shiner ( <i>Notemigonus crysoleucas</i> )											2	2
Goldfish ( <i>Carassius auratus</i> )							1					1
Hogchoker ( <i>Trinectes maculatus</i> )								26				26
Largemouth Bass ( <i>Micropterus salmoides</i> )											1	1
Logperch ( <i>Percidae</i> )											4	4
Mummichog ( <i>Fundulus heteroclitus</i> )				1	1							2
Northern Hog Sucker ( <i>Hypentelium nigricans</i> )											1	1
Northern Pipefish ( <i>Syngnathus fuscus</i> )				1								1
Porgie ( <i>Sparidae</i> )	1											1
Pumpkinseed ( <i>Lepomis gibbosus</i> )							4				10	14
Redbreast Sunfish ( <i>Lepomis auritus</i> )							5					5
Rock Bass ( <i>Ambloplites rupestris</i> )											3	3
Rosyface Shiner ( <i>Notropis rubellus</i> )											1	1
Sea Robin ( <i>Prionotus</i> )	1											1
Smallmouth Bass ( <i>Micropterus dolomieu</i> )							1		1		60	62
Spotfin Shiner ( <i>Cyprinella spiloptera</i> )											3	3
Spottail Shiner ( <i>Notropis hudsonius</i> )							6		6	76	26	114
Striped Bass ( <i>Morone saxatilis</i> )		1		1	10	65			6	1	2	86
Tessellated Darter ( <i>Etheostoma olmstedii</i> )							4					4
Unidentified Herring									37	28		65
Walleye ( <i>Sander vitreus</i> )											9	9
White Perch ( <i>Morone americana</i> )				5		25	2	61		26	27	146
White Sucker ( <i>Catostomus commersonii</i> )											13	13
Yellow Perch ( <i>Perca flavescens</i> )											2	2
<b>Total=</b>											<b>1501</b>	
<b>Other Organisms</b>												
Blue Crab ( <i>Callinectes sapidus</i> )										3	6	9
Bristle Worm ( <i>Polychaeta</i> )								1				1
<b>Total=</b>											<b>10</b>	