

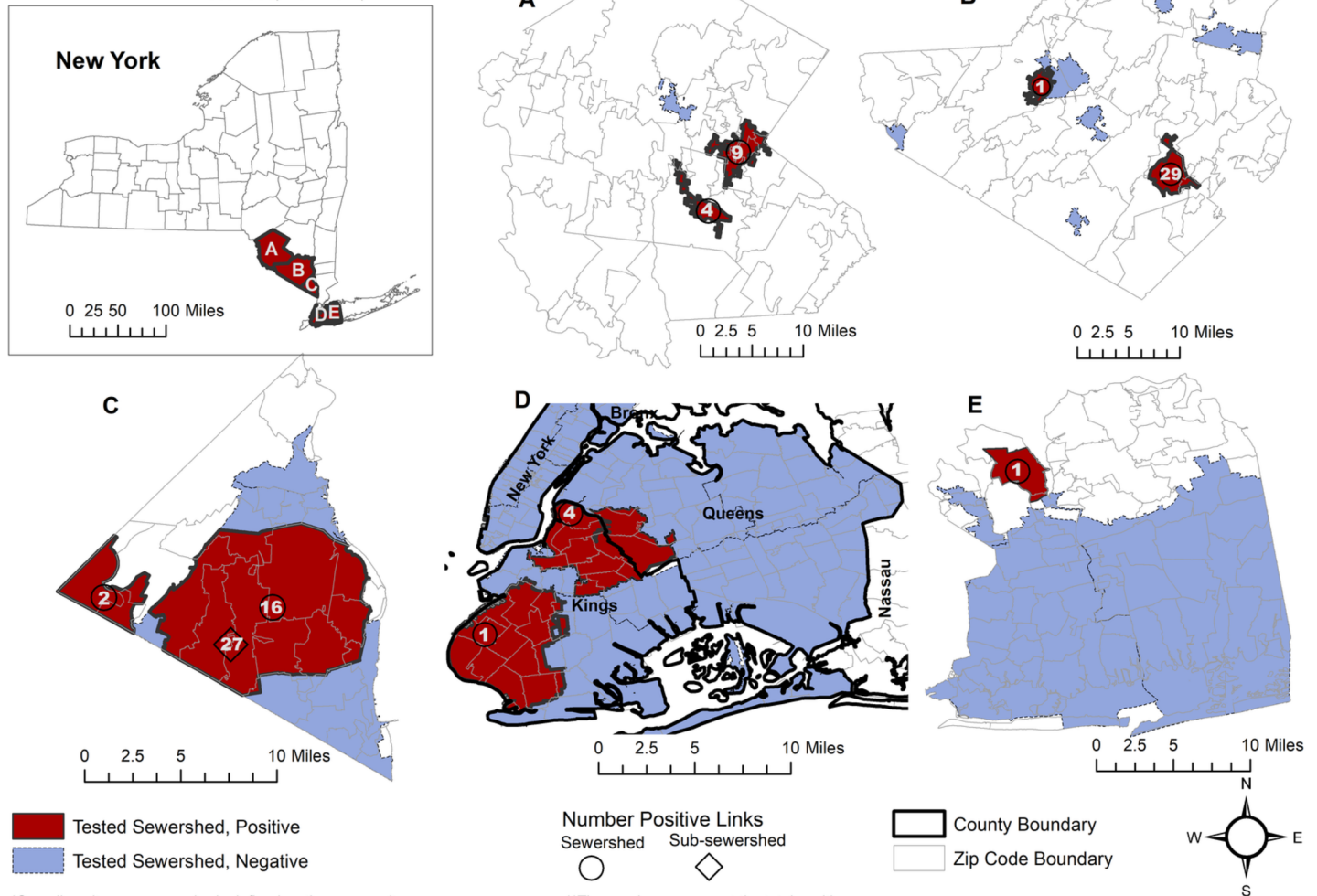


Poliovirus Wastewater Surveillance Report

October 28, 2024

NYS Sewersheds with Poliovirus Detections Linked to Paralytic Polio Case

Sewersheds* with detections** of poliovirus type 2 genetically linked to the virus isolated from a paralytic polio patient — Sullivan (A), Orange (B), Rockland (C), Kings and Queens (D), and Nassau (E) counties, New York,

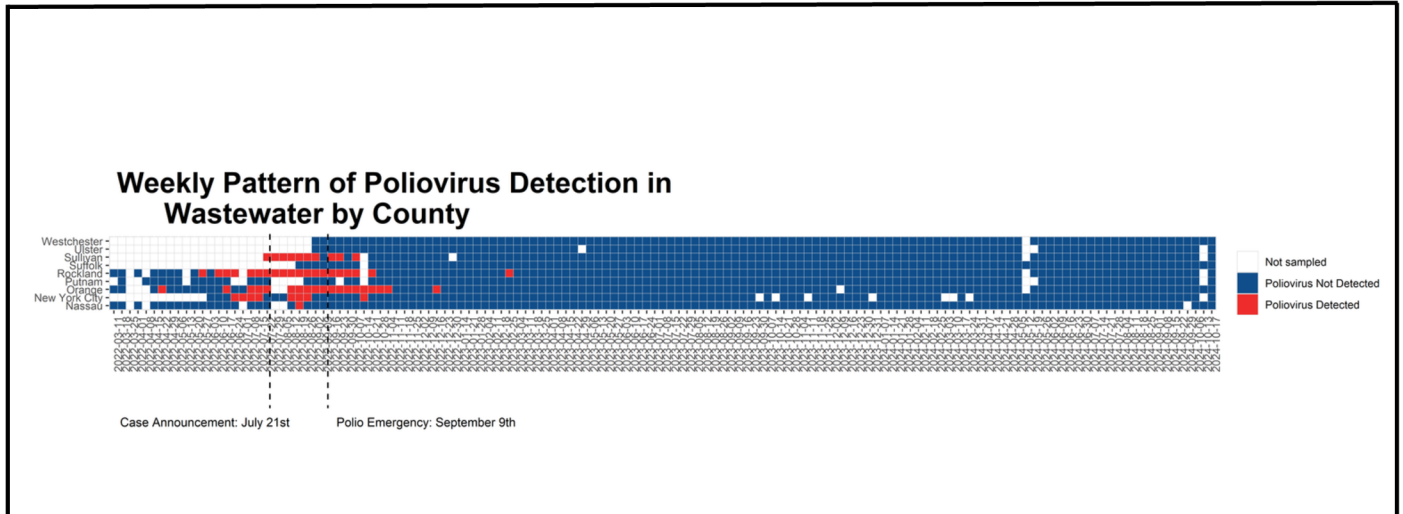


*Sampling sites are sewer sheds defined as the community area served by a wastewater collection system. Sub-sewer sheds are upstream sampling locations within a larger sewer shed.

**The numbers represent the total positives genetically linked to the case in the sewer sheds



Weekly Poliovirus Detection in Wastewater By County



Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.

Monthly Poliovirus Wastewater Data Analysis by County

COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
WESTCHESTER	October-2024	7	17	0	17
	September-2024	7	61	0	61
	August-2024	7	55	0	55
	July-2024	7	55	0	55
	June-2024	7	60	0	60
	May-2024	7	34	0	34
	April-2024	7	55	0	55
	March-2024	7	61	0	61
	February-2024	7	55	0	55
	January-2024	7	68	0	68
	December-2023	7	54	0	54
	November-2023	7	58	0	58
	October-2023	7	61	0	61
	September-2023	7	56	0	56
	August-2023	7	61	0	61
	July-2023	7	62	0	62
	June-2023	7	56	0	56
	May-2023	7	62	0	62
	April-2023	7	61	0	61
	March-2023	7	59	0	59
	February-2023	7	55	0	55
	January-2023	7	63	0	63
	December-2022	7	56	0	56
	November-2022	7	62	0	62
October-2022	7	47	0	47	
September-2022	7	55	0	55	
August-2022	7	14	0	14	
WESTCHESTER TOTAL			1460	0	1460

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.



COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ULSTER	October-2024	3	7	0	7
	September-2024	3	12	0	12
	August-2024	3	16	0	16
	July-2024	3	11	0	11
	June-2024	3	9	0	9
	May-2024	3	9	0	9
	April-2024	3	15	0	15
	March-2024	3	14	0	14
	February-2024	3	14	0	14
	January-2024	3	18	0	18
	December-2023	3	13	0	13
	November-2023	3	13	0	13
	October-2023	3	13	0	13
	September-2023	3	14	0	14
	August-2023	3	19	0	19
	July-2023	3	11	0	11
	June-2023	3	12	0	12
	May-2023	3	19	0	19
	April-2023	2	7	0	7
	March-2023	2	10	0	10
	February-2023	2	11	0	11
	January-2023	2	12	0	12
	December-2022	2	13	0	13
	November-2022	2	14	0	14
	October-2022	2	10	0	10
	September-2022	2	13	0	13
	August-2022	2	2	0	2
	ULSTER TOTAL			331	0
SULLIVAN	October-2024	3	6	0	6
	September-2024	3	12	0	12
	August-2024	4	13	0	13
	July-2024	5	15	0	15
	June-2024	5	14	0	14
	May-2024	3	10	0	10
	April-2024	3	13	0	13
	March-2024	5	14	0	14
	February-2024	5	16	0	16
	January-2024	3	14	0	14
	December-2023	5	13	0	13
	November-2023	4	17	0	17
	October-2023	4	16	0	16
	September-2023	5	17	0	17
	August-2023	5	19	0	19
	July-2023	6	18	0	18
	June-2023	4	13	0	13
	May-2023	4	18	0	18
	April-2023	3	9	0	9
	March-2023	3	11	0	11
	February-2023	3	11	0	11
	January-2023	3	11	0	11
	December-2022	3	9	0	9
	November-2022	3	12	0	12
	October-2022	3	10	1	9
	September-2022	3	10	5	5
	August-2022	2	5	5	0
	July-2022	1	2	2	0
SULLIVAN TOTAL			348	13	335

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.



COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
SUFFOLK	October-2024	3	12	0	12
	September-2024	3	14	0	14
	August-2024	3	16	0	16
	July-2024	3	19	0	19
	June-2024	3	17	0	17
	May-2024	3	20	0	20
	April-2024	4	20	0	20
	March-2024	3	17	0	17
	February-2024	3	20	0	20
	January-2024	3	22	0	22
	December-2023	3	17	0	17
	November-2023	3	20	0	20
	October-2023	3	20	0	20
	September-2023	3	17	0	17
	August-2023	3	20	0	20
	July-2023	3	15	0	15
	June-2023	3	17	0	17
	May-2023	4	22	0	22
	April-2023	3	20	0	20
	March-2023	3	12	0	12
	February-2023	4	13	0	13
	January-2023	3	18	0	18
	December-2022	3	17	0	17
	November-2022	3	15	0	15
	October-2022	3	10	0	10
	September-2022	3	8	0	8
August-2022	1	3	0	3	
SUFFOLK TOTAL			443	0	443

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.



COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ROCKLAND	October-2024	6	16	0	16
	September-2024	6	36	0	36
	August-2024	6	45	0	45
	July-2024	6	42	0	42
	June-2024	6	33	0	33
	May-2024	6	32	0	32
	April-2024	6	34	0	34
	March-2024	6	34	0	34
	February-2024	6	36	0	36
	January-2024	6	38	0	38
	December-2023	6	33	0	33
	November-2023	6	38	0	38
	October-2023	6	32	0	32
	September-2023	6	32	0	32
	August-2023	6	38	0	38
	July-2023	6	34	0	34
	June-2023	6	34	0	34
	May-2023	6	40	0	40
	April-2023	6	42	0	42
	March-2023	6	31	0	31
	February-2023	5	17	1	16
	January-2023	6	19	0	19
	December-2022	6	22	0	22
	November-2022	6	34	0	34
	October-2022	6	21	2	19
	September-2022	6	37	7	30
	August-2022	6	52	21	31
	July-2022	2	13	9	4
	June-2022	2	4	3	1
	May-2022	2	6	2	4
April-2022	2	3	0	3	
March-2022	2	4	0	4	
ROCKLAND TOTAL			932	45	887

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.



COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
PUTNAM	October-2024	2	4	0	4
	September-2024	2	6	0	6
	August-2024	2	6	0	6
	July-2024	2	7	0	7
	June-2024	2	6	0	6
	May-2024	2	4	0	4
	April-2024	2	6	0	6
	March-2024	2	6	0	6
	February-2024	2	6	0	6
	January-2024	2	7	0	7
	December-2023	2	6	0	6
	November-2023	2	7	0	7
	October-2023	2	6	0	6
	September-2023	2	6	0	6
	August-2023	2	7	0	7
	July-2023	2	6	0	6
	June-2023	2	5	0	5
	May-2023	1	5	0	5
	April-2023	1	4	0	4
	March-2023	1	5	0	5
	February-2023	1	4	0	4
	January-2023	1	4	0	4
	December-2022	1	4	0	4
	November-2022	1	5	0	5
	October-2022	1	3	0	3
	September-2022	1	3	0	3
	August-2022	1	2	0	2
	July-2022	1	3	0	3
	June-2022	1	3	0	3
	May-2022	1	3	0	3
April-2022	1	4	0	4	
March-2022	1	1	0	1	
PUTNAM TOTAL			154	0	154

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.



COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ORANGE	October-2024	9	28	0	28
	September-2024	9	52	0	52
	August-2024	9	56	0	56
	July-2024	9	59	0	59
	June-2024	9	54	0	54
	May-2024	9	44	0	44
	April-2024	9	62	0	62
	March-2024	9	57	0	57
	February-2024	9	64	0	64
	January-2024	9	67	0	67
	December-2023	9	42	0	42
	November-2023	9	63	0	63
	October-2023	8	62	0	62
	September-2023	8	52	0	52
	August-2023	8	70	0	70
	July-2023	8	55	0	55
	June-2023	9	61	0	61
	May-2023	9	69	0	69
	April-2023	8	52	0	52
	March-2023	8	58	0	58
	February-2023	8	49	0	49
	January-2023	8	56	0	56
	December-2022	8	55	1	54
	November-2022	8	58	1	57
	October-2022	8	43	6	37
	September-2022	8	59	9	50
	August-2022	7	38	6	32
	July-2022	6	32	5	27
	June-2022	6	39	2	37
	May-2022	6	47	0	47
April-2022	6	36	1	35	
March-2022	6	15	0	15	
ORANGE TOTAL			1654	31	1623

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.



COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE *	POLIOVIRUS DETECTED **	POLIOVIRUS NOT DETECTED
NEW YORK CITY	October-2024	16	28	0	28
	September-2024	16	112	0	112
	August-2024	16	56	0	56
	July-2024	16	124	0	124
	June-2024	16	112	0	112
	May-2024	16	98	0	98
	April-2024	16	70	0	70
	March-2024	16	42	0	42
	February-2024	16	71	0	71
	January-2024	16	115	0	115
	December-2023	16	87	0	87
	November-2023	16	73	0	73
	October-2023	16	102	0	102
	September-2023	16	71	0	71
	August-2023	16	132	0	132
	July-2023	16	120	0	120
	June-2023	16	104	0	104
	May-2023	16	104	0	104
	April-2023	16	122	0	122
	March-2023	16	122	0	122
	February-2023	16	104	0	104
	January-2023	16	76	0	76
	December-2022	16	88	0	88
	November-2022	16	89	0	89
	October-2022	16	92	1	91
	September-2022	14	95	0	95
	August-2022	16	132	4	128
	July-2022	14	109	4	105
June-2022	7	43	2	41	
May-2022	7	7	0	7	
NYC TOTAL			2700	11	2689

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.



COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
NASSAU	October-2024	4	17	0	17
	September-2024	4	20	0	20
	August-2024	6	32	0	32
	July-2024	4	35	0	35
	June-2024	4	26	0	26
	May-2024	4	34	0	34
	April-2024	4	33	0	33
	March-2024	4	28	0	28
	February-2024	5	32	0	32
	January-2024	4	33	0	33
	December-2023	4	26	0	26
	November-2023	4	31	0	31
	October-2023	4	36	0	36
	September-2023	4	30	0	30
	August-2023	4	35	0	35
	July-2023	4	30	0	30
	June-2023	4	24	0	24
	May-2023	4	31	0	31
	April-2023	4	25	0	25
	March-2023	5	35	0	35
	February-2023	4	30	0	30
	January-2023	4	24	0	24
	December-2022	4	22	0	22
	November-2022	4	20	0	20
	October-2022	4	14	0	14
	September-2022	4	17	0	17
	August-2022	4	15	1	14
	July-2022	4	12	0	12
	June-2022	3	11	0	11
	May-2022	3	14	0	14
April-2022	3	7	0	7	
March-2022	2	4	0	4	
NASSAU TOTAL			783	1	782
NEW YORK STATE TOTAL			8805	101	8704

*Total samples tested does not include results that may be pending or found to be indeterminate.

**Poliovirus detected indicates samples with any detection of a poliovirus Type 2, including samples that have not been definitively genetically linked to the individual case in Rockland County.