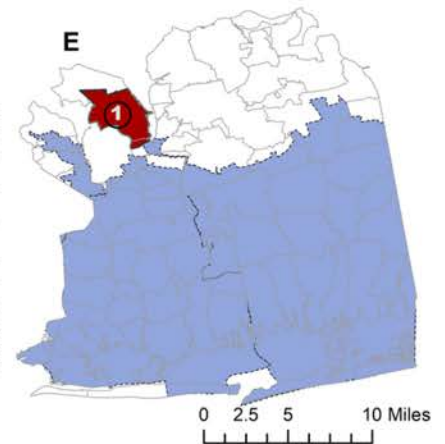
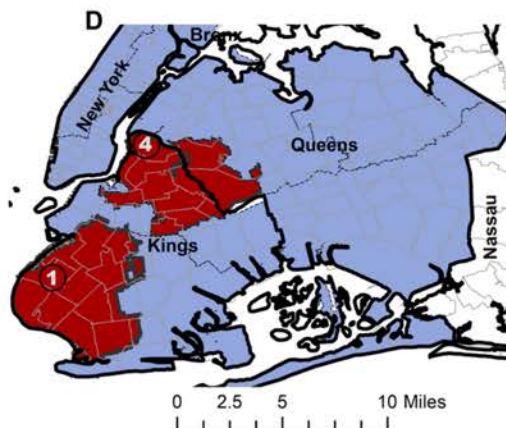
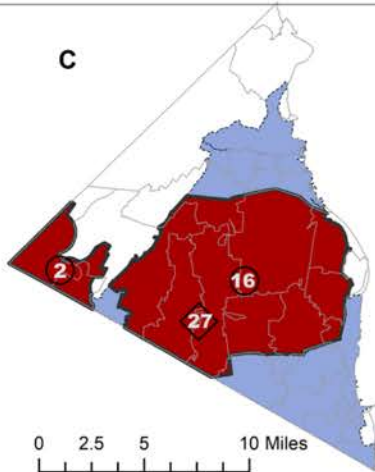
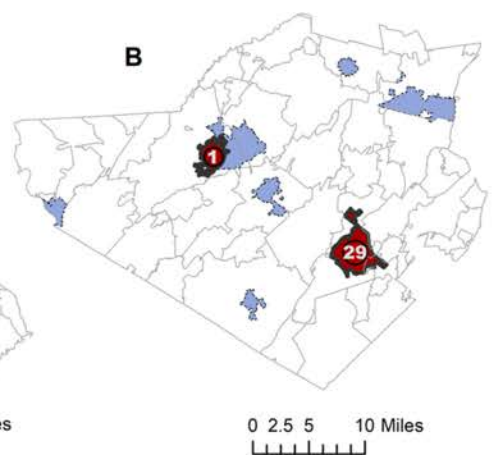
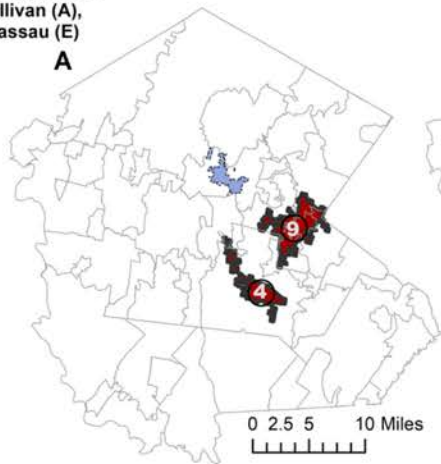
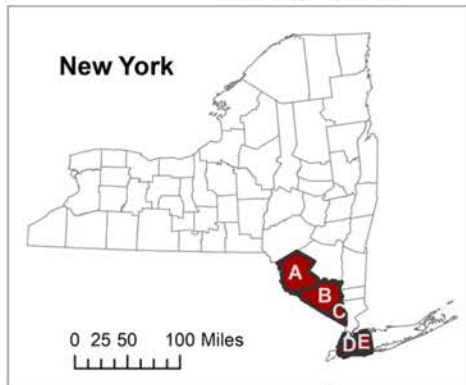


Poliovirus Wastewater Surveillance Report

May 13, 2024

NYS Sewersheds with Poliovirus Detections Linked to Paralytic Polio Case

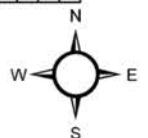
Sewersheds* with detections** of poliovirus type 2 genetically linked to the virus isolated from a paralytic polio patient — Sullivan (A), Orange (B), Rockland (C), Kings and Queens (D), and Nassau (E) counties, New York.



■ Tested Sewershed, Positive
■ Tested Sewershed, Negative

Number Positive Links
 Sewershed Sub-sewershed
○ ◇

County Boundary
 Zip Code Boundary

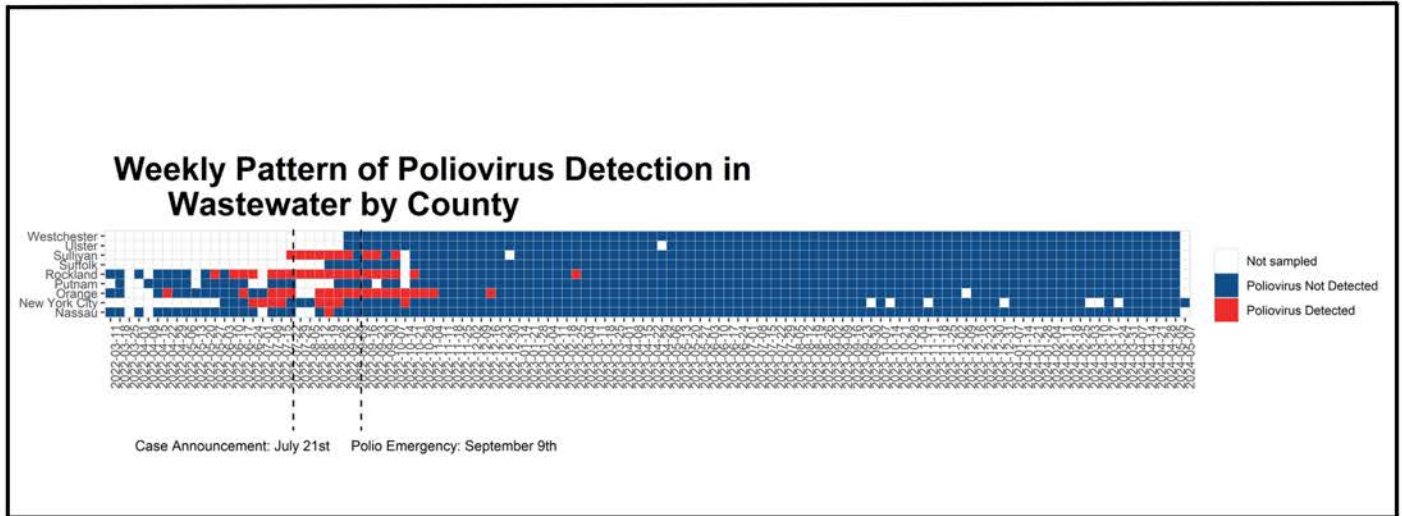


*Sampling sites are sewersheds defined as the community area served by a wastewater collection system. Sub-sewersheds are upstream sampling locations within a larger sewershed.

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



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	May-2024	7	7	0	7
	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			1185	0	1185

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

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ULSTER	May-2024	2	2	0	2
	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			269	0	269
SULLIVAN	May-2024	2	2	0	2
	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			280	13	267

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
SUFFOLK	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			345	0	345

*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	May-2024	4	5	0	5
	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			733	45	688

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

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
PUTNAM	May-2024	1	1	0	1
	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			122	0	122

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

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ORANGE	May-2024	8	8	0	8
	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			1369	31

*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	May-2024	16	28	0	28
	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			2198	11	2187

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

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
NASSAU	May-2024	3	3	0	3
	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			622	1	621
NEW YORK STATE TOTAL			7123	101	7022

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