

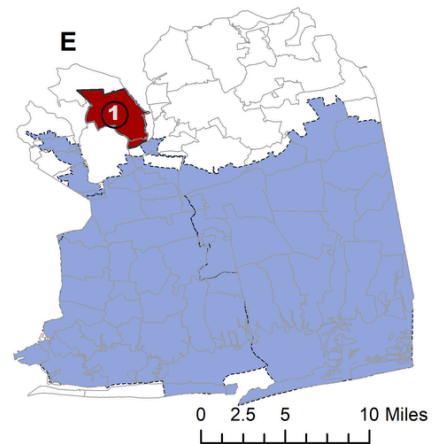
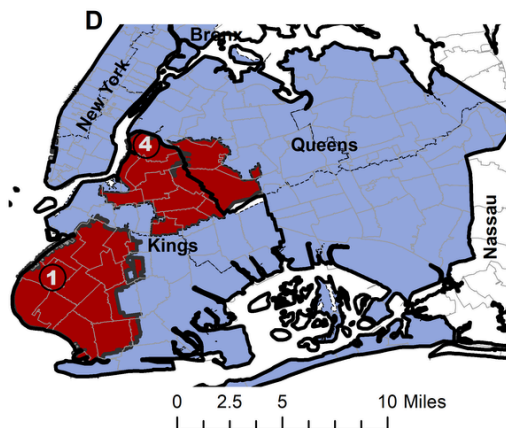
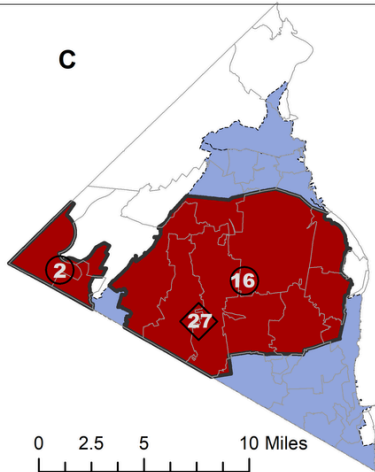
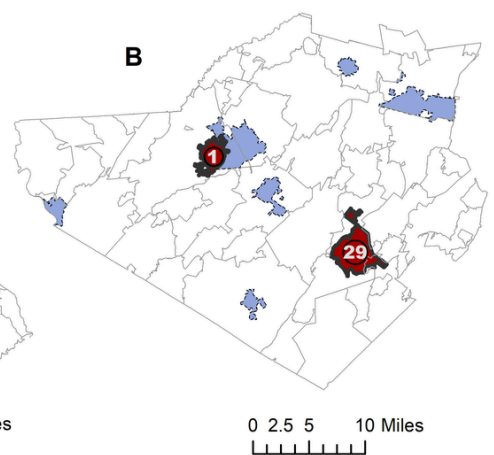
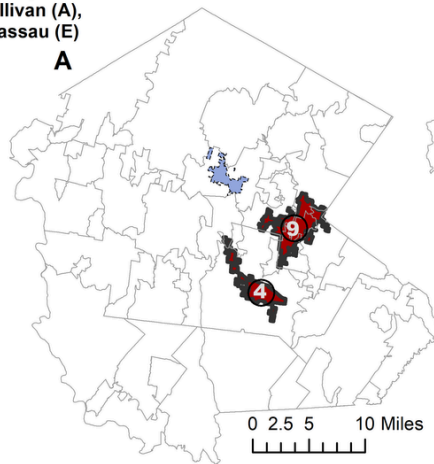
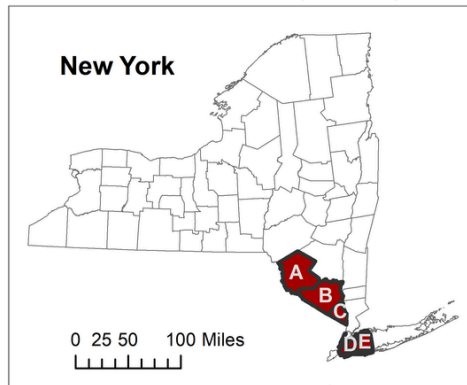


Poliovirus Wastewater Surveillance Report

April 29, 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

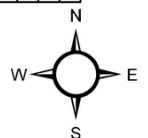
Number Positive Links

Sewershed Sub-sewershed

○ ◇

County Boundary

Zip Code Boundary

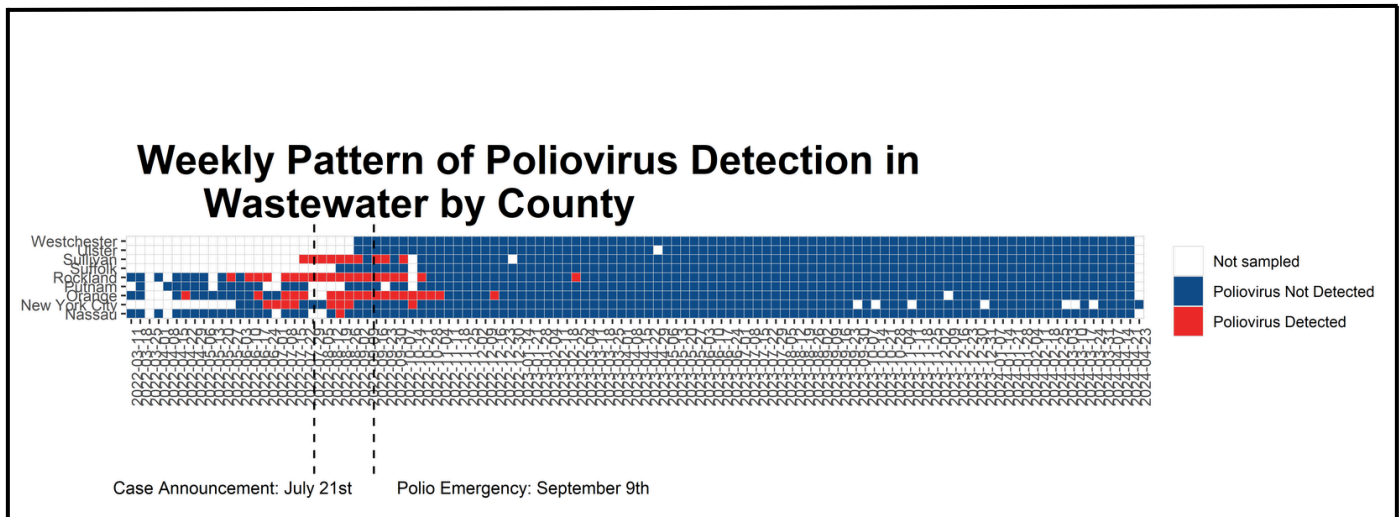


*Sampling sites are sewersheds defined as the community area served by a wastewater collection system. Sub-sewersheds are upstream sampling locations within a larger sewershed.

**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	April-2024	7	34	0	34
	March-2024	7	53	0	53
	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			1157	0	1157

*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	April-2024	3	11	0	11
	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			263	0	263
SULLIVAN	April-2024	3	9	0	9
	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			274	13	261

*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
SUFFOLK	April-2024	4	13	0	13
	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
	SUFFOLK TOTAL			337	0

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ROCKLAND	April-2024	6	22	0	22
	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	18	0	18
	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			715	45	670
PUTNAM	April-2024	2	5	0	5
	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			120	0	120

*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	April-2024	9	43	0	43
	March-2024	9	55	0	55
	February-2024	9	63	0	63
	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			1339	31	1308
NEW YORK CITY	April-2024	14	56	0	56
	March-2024	14	42	0	42
	February-2024	14	71	0	71
	January-2024	14	115	0	115
	December-2023	14	87	0	87
	November-2023	14	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			2156	11	2145

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
NASSAU	April-2024	4	21	0	21
	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	29	0	29
	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			605	1	604
NEW YORK STATE TOTAL			6966	101	6865

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