

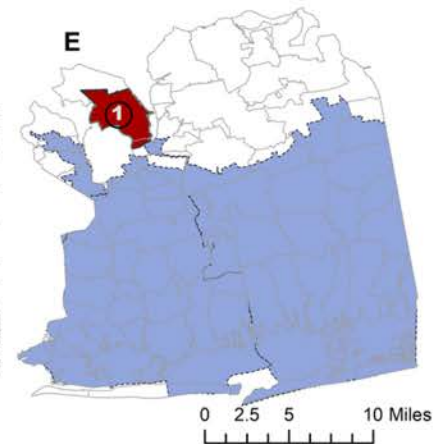
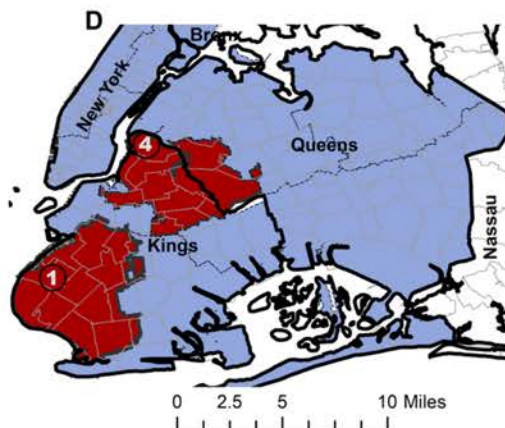
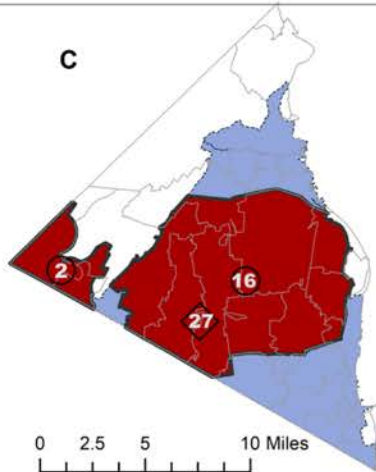
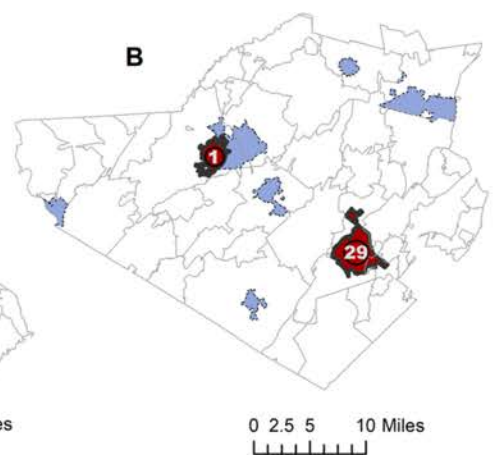
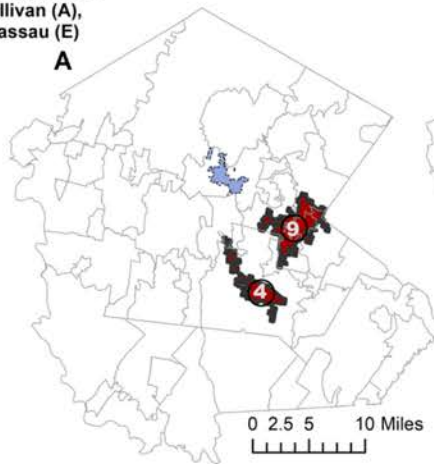


# Poliovirus Wastewater Surveillance Report

October 2, 2023

## NYS Sewersheds with Poliovirus Detections Linked to Paralytic Polio Case

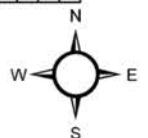
Sewersheds\* with detections\*\* of poliovirus type 2 genetically linked to the virus isolated from a paralytic polio patient — Sullivan (A), Orange (B), Rockland (C), Kings and Queens (D), and Nassau (E) counties, New York.



Tested Sewershed, Positive  
 Tested Sewershed, Negative

Number Positive Links  
 Sewershed      Sub-sewershed  
     

County Boundary  
 Zip Code Boundary

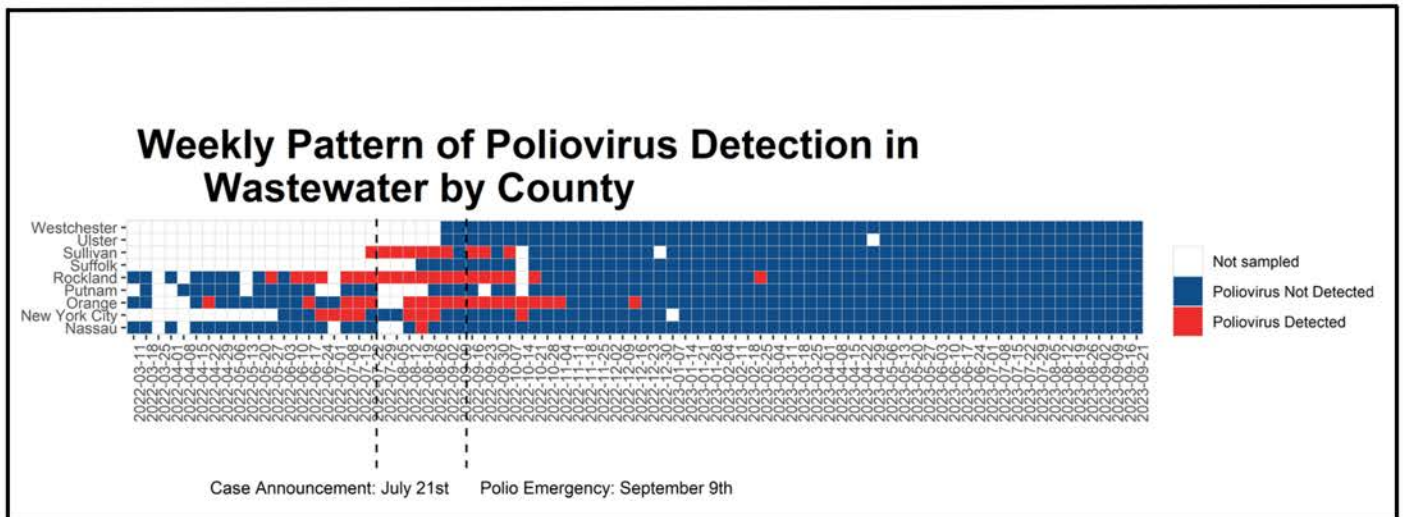


\*Sampling sites are sewersheds defined as the community area served by a wastewater collection system. Sub-sewersheds are upstream sampling locations within a larger sewershed.

\*\*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	September-2023	7	39	0	39
	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	
<b>WESTCHESTER TOTAL</b>			<b>749</b>	<b>0</b>	<b>749</b>

\*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
<b>ULSTER</b>	September-2023	3	11	0	11
	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
	<b>ULSTER TOTAL</b>			<b>164</b>	<b>0</b>
<b>SULLIVAN</b>	September-2023	5	14	0	14
	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
<b>SULLIVAN TOTAL</b>			<b>172</b>	<b>13</b>	<b>159</b>
<b>SUFFOLK</b>	September-2023	3	14	0	14
	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
	<b>SUFFOLK TOTAL</b>			<b>204</b>	<b>0</b>

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ROCKLAND	September-2023	6	24	0	24
	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
<b>ROCKLAND TOTAL</b>			<b>474</b>	<b>45</b>	<b>429</b>
PUTNAM	September-2023	2	5	0	5
	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
<b>PUTNAM TOTAL</b>			<b>76</b>	<b>0</b>	<b>76</b>

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
ORANGE	September-2023	8	38	0	38
	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
<b>ORANGE TOTAL</b>			<b>930</b>	<b>31</b>	<b>899</b>
NEW YORK CITY	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
	<b>NYC TOTAL</b>			<b>1610</b>	<b>11</b>

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COUNTY	MONTH	NUMBER OF SAMPLING SITES	TOTAL SAMPLES TESTED TO DATE*	POLIOVIRUS DETECTED**	POLIOVIRUS NOT DETECTED
NASSAU	September-2023	4	22	0	22
	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	
<b>NASSAU TOTAL</b>			<b>392</b>	<b>1</b>	<b>391</b>
<b>NEW YORK STATE TOTAL</b>			<b>4771</b>	<b>101</b>	<b>4670</b>

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

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