



Mpox

U.S. Wastewater Data

Updated July 5, 2023

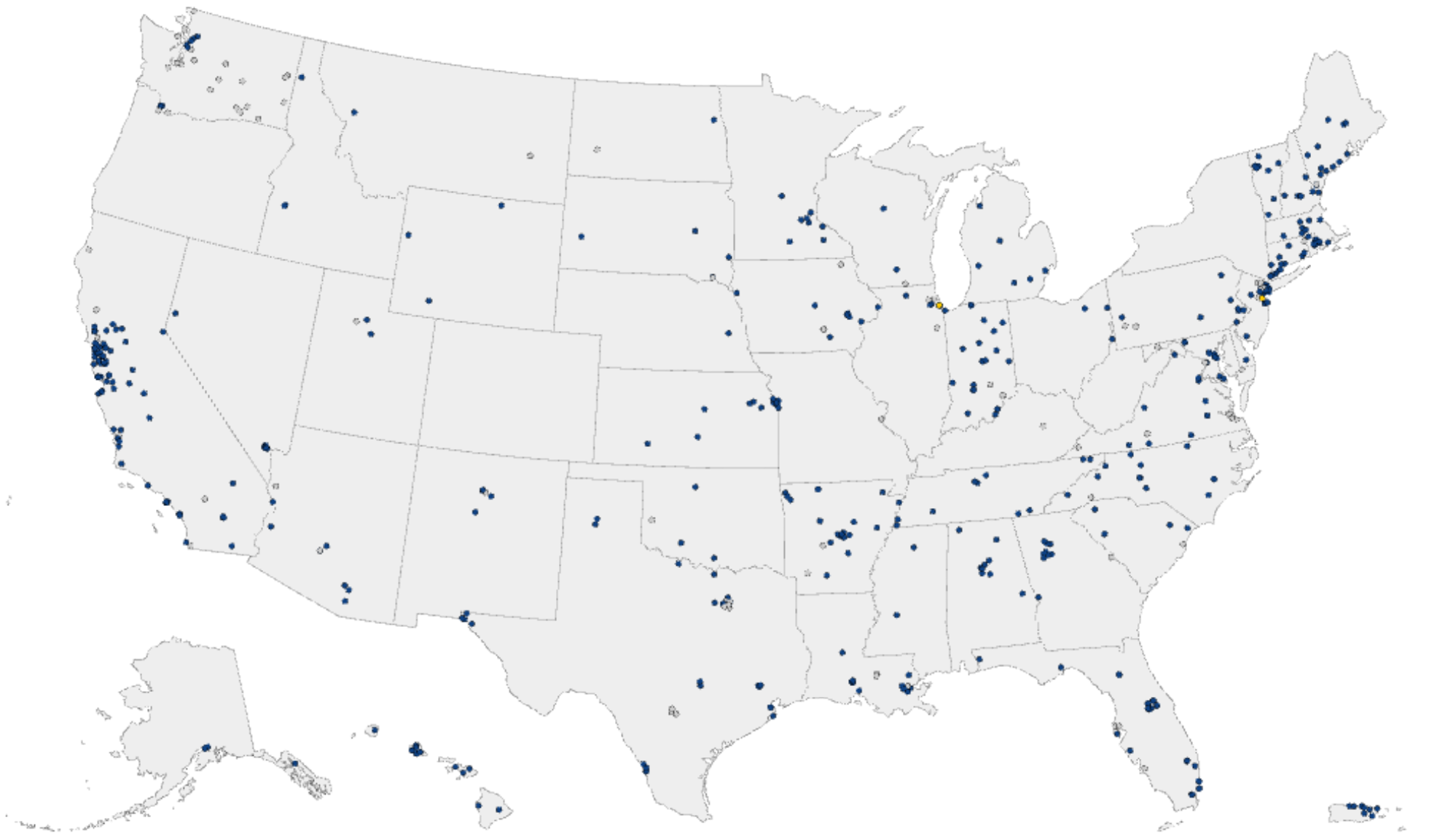


Communities can monitor the presence of mpox virus in wastewater samples. Data from samples can provide an early warning of mpox activity and spread in communities. For general information about wastewater surveillance, visit CDC's [National Wastewater Surveillance System site](#).

Mpox virus detection in wastewater in the past 4 weeks, United States

Consistent detection 0 sites (0%)	Intermittent detection 3 sites (1%)	No detection 458 sites (82%)	No recent data 96 sites (17%)
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Note: Click on a state to zoom in.



Legend

☐ Consistent detection

☐ Intermittent detection

☐ No detection

☐ No recent data

Note: Click on a detection category in the legend to remove sites with that detection category from the map.

About the Data

Detection categories:

- ☐ Consistent detection: Mpox virus was detected in more than 80% of samples in the past 4 weeks AND the most recent detection was within the past 2 weeks.
- ☐ Intermittent detection: Mpox virus was detected in 1% to 80% of samples in the past 4 weeks AND the most recent detection was within the past 2 weeks.
- ☐ No detection: Mpox virus was not detected in any samples from the site in the past 4 weeks OR the most recent detection was more than 2 weeks ago.
- ☐ No recent data: Too few samples were submitted (fewer than 3) in the past 4 weeks.

Interpretation:

Laboratory tests used for mpox wastewater surveillance can tell us if the virus’s genetic material (viral DNA) is in untreated community wastewater. The tests cannot tell us if there is infectious virus in wastewater, only that the virus’s genetic material is present. We do not know if mpox virus remains infectious, or for how long, in untreated wastewater. No detection of mpox virus in wastewater means there is no evidence from wastewater data that mpox is spreading in the local community. However, very low infection levels may be below the detection limit for wastewater testing. Intermittent or consistent detection means there are likely ongoing mpox infections in the community.

[Download Data \(CSV\)](#)

Data Table	
Location	Detection Classification
☐ 65	No detection
☐ 76	No detection
☐ 105	No detection
☐ 125	No detection
☐ 188	No detection
☐ 220	No detection
☐ 285	No detection
☐ 291	No detection
☐ 305	No detection
☐ 347	No detection
☐ 352	No detection
☐ 353	No detection
☐ 362	No detection
☐ 363	No detection
☐ 383	No detection
☐ 393	No detection
☐ 402	No detection
☐ 421	No detection
☐ 446	No detection
☐ 461	No recent data
☐ 462	No detection
☐ 464	No detection
☐ 470	No detection
☐ 472	No detection
☐ 475	No detection
☐ 476	No recent data

Location	Detection Classification
☐ 484	No detection
☐ 485	No detection
☐ 486	No detection
☐ 487	No detection
☐ 492	No recent data
☐ 493	No detection
☐ 494	No detection
☐ 495	No detection
☐ 496	No detection
☐ 498	No detection
☐ 499	No detection
☐ 500	No detection
☐ 501	No detection
☐ 503	No detection
☐ 505	No detection
☐ 506	No detection
☐ 507	No detection
☐ 509	No detection
☐ 510	No detection
☐ 511	No recent data
☐ 534	No detection
☐ 536	No detection
☐ 537	No detection
☐ 539	No detection
☐ 540	No detection
☐ 541	No detection
☐ 544	No detection
☐ 545	No detection
☐ 546	No recent data
☐ 547	No detection
☐ 548	No detection
☐ 549	No detection
☐ 550	No detection
☐ 551	No detection
☐ 552	No detection
☐ 553	No detection
☐ 554	No detection
☐ 555	No detection
☐ 560	No detection
☐ 562	No detection
☐ 563	No recent data
☐ 565	No detection
☐ 566	No detection
☐ 574	No detection

Location	Detection Classification
☐ 575	No detection
☐ 590	No detection
☐ 593	No detection
☐ 599	No recent data
☐ 600	No detection
☐ 661	No detection
☐ 663	No detection
☐ 666	No recent data
☐ 667	No detection
☐ 672	No detection
☐ 673	No detection
☐ 676	No recent data
☐ 677	No detection
☐ 678	No recent data
☐ 679	No detection
☐ 681	No detection
☐ 682	No recent data
☐ 683	No recent data
☐ 684	No detection
☐ 686	No detection
☐ 701	No recent data
☐ 703	No detection
☐ 706	No detection
☐ 709	No detection
☐ 710	No detection
☐ 715	No detection
☐ 716	No detection
☐ 724	No detection
☐ 727	No detection
☐ 741	No detection
☐ 753	No recent data
☐ 755	No recent data
☐ 758	No recent data
☐ 759	No recent data
☐ 760	No recent data
☐ 764	No detection
☐ 765	No detection
☐ 767	No detection
☐ 768	No detection
☐ 769	No detection
☐ 770	No detection
☐ 771	No detection
☐ 777	No detection
☐ 778	No recent data

Location	Detection Classification
☐ 783	No detection
☐ 784	No recent data
☐ 787	No detection
☐ 790	No detection
☐ 792	No detection
☐ 793	No detection
☐ 795	No recent data
☐ 798	No detection
☐ 803	No detection
☐ 804	No recent data
☐ 805	No detection
☐ 806	No detection
☐ 807	No detection
☐ 808	No detection
☐ 810	No recent data
☐ 811	No recent data
☐ 813	No detection
☐ 831	No recent data
☐ 832	No detection
☐ 833	No detection
☐ 835	No detection
☐ 847	No recent data
☐ 848	No recent data
☐ 849	No detection
☐ 853	No detection
☐ 854	No recent data
☐ 863	No detection
☐ 892	No detection
☐ 993	No detection
☐ 01669	No detection
☐ 01807	No detection
☐ 865 -A	No detection
☐ 01272	No recent data
☐ 01685	No detection
☐ 865 -B	No detection
☐ 01271	No detection
☐ 01371	No detection
☐ 01752	No detection
☐ 635 -U1	No detection
☐ Lee	No detection
☐ 01157	No detection
☐ 01655	No detection
☐ 01947	No detection
☐ 01677	No detection

Location	Detection Classification
☐ 01464	No detection
☐ 01739	No detection
☐ 02107	No detection
☐ 01448	No recent data
☐ 01740	No detection
☐ 01741	No detection
☐ 01223	No detection
☐ 01561	No detection
☐ 01918	No detection
☐ 01395	No detection
☐ 1410 -B	No detection
☐ 01544	No recent data
☐ 1751 -A	No detection
☐ 01946	No detection
☐ 01558	No recent data
☐ 01706	No detection
☐ 01134	No detection
☐ 01261	No detection
☐ 01302	No detection
☐ 01502	No detection
☐ 01291	No recent data
☐ 01710	No detection
☐ 01648	No detection
☐ 01399	No recent data
☐ 01736	No detection
☐ 01867	No detection
☐ 1549 -A	No detection
☐ 01617	No detection
☐ 01671	No detection
☐ 570 -B	No detection
☐ 01266	No detection
☐ 01785	No recent data
☐ 01277	No detection
☐ 01445	No detection
☐ 01620	No recent data
☐ 570 -A	No detection
☐ 01552	No detection
☐ 01742	No detection
☐ 02002	No detection
☐ 497 -B	No detection
☐ 867 -B	No detection
☐ 01116	No recent data
☐ 01330	No detection
☐ 1631 -A	No detection

Location	Detection Classification
☐ 01811	No detection
☐ 02031	No detection
☐ 01142	No detection
☐ 01713	No detection
☐ 01762	No detection
☐ Limestone	No detection
☐ 01780	No detection
☐ 01761	No detection
☐ 674 -U1	Intermittent detection
☐ 01160	No detection
☐ 01262	No detection
☐ 01289	No detection
☐ 01352	No recent data
☐ 1453 -A	No recent data
☐ 01471	No recent data
☐ 01712	No detection
☐ 01443	No detection
☐ 01666	No detection
☐ 01711	No detection
☐ 01839	No detection
☐ 01473	No recent data
☐ 01778	No detection
☐ 01288	No detection
☐ 01267	No detection
☐ 01786	No detection
☐ 01989	No detection
☐ 01672	No detection
☐ 670 -B	No detection
☐ 772 -B	No detection
☐ 01284	No detection
☐ 675 -U3	No detection
☐ 828 -B	No detection
☐ 01176	No recent data
☐ 01348	No detection
☐ 02008	No detection
☐ 02123	No detection
☐ 1172 -B	No detection
☐ 01327	No recent data
☐ 01689	No detection
☐ 01353	No detection
☐ 01764	No detection
☐ 01992	No detection
☐ Wade Hampton	No detection
☐ 01659	No detection

Location	Detection Classification
☐ 01665	No detection
☐ 01273	No detection
☐ 01300	No detection
☐ 01698	No detection
☐ 01963	No recent data
☐ 02267	No detection
☐ 02302	No detection
☐ 01198	No recent data
☐ 01757	No recent data
☐ 674 -U2	No detection
☐ 01392	No recent data
☐ 01687	No recent data
☐ 867 -A	No detection
☐ 01175	No detection
☐ 01264	No detection
☐ 01350	No detection
☐ 01607	No detection
☐ 01792	No detection
☐ 01282	No detection
☐ 01265	No recent data
☐ 01633	No detection
☐ 01463	No detection
☐ 01676	No detection
☐ 01673	No detection
☐ 1082 -B	No detection
☐ 1616 -A	No recent data
☐ 01789	No detection
☐ 01303	No detection
☐ 02207	No detection
☐ 01158	No detection
☐ 01206	No recent data
☐ 01446	No recent data
☐ 01866	No detection
☐ 497 -A	No detection
☐ 788 -B	No detection
☐ 01657	No detection
☐ 01195	No recent data
☐ 01394	No detection
☐ 01692	No detection
☐ 02032	No detection
☐ 01501	No detection
☐ Lawrence	No detection
☐ 01323	No detection
☐ 01461	No detection

Location	Detection Classification
☐ 01701	No detection
☐ 01720	No detection
☐ 564 -A	No detection
☐ 01693	No detection
☐ 671 -B	No detection
☐ Pickens	No recent data
☐ 1221 -B	No recent data
☐ 02043	No recent data
☐ 01196	No detection
☐ 01197	No recent data
☐ 02109	No detection
☐ 834 -B	No detection
☐ 1082 -A	No detection
☐ 01349	No recent data
☐ 01618	No detection
☐ 01664	No detection
☐ 01304	No detection
☐ 01551	No detection
☐ 1131 -A	No detection
☐ 01512	No recent data
☐ 01714	No detection
☐ 01509	No detection
☐ 01565	No detection
☐ 01218	No detection
☐ 01447	No recent data
☐ 01765	No detection
☐ 01220	No detection
☐ 1293 -B	No detection
☐ 01440	No recent data
☐ 01615	No detection
☐ 1822 -B	No detection
☐ 1387 -A	No detection
☐ 01948	No detection
☐ 01231	No detection
☐ 01536	No detection
☐ 02293	No detection
☐ 01148	No detection
☐ 01224	No detection
☐ 569 -A	No detection
☐ 1540 -B	No detection
☐ 01990	No detection
☐ 01219	No recent data
☐ 01386	No detection
☐ 01870	No detection

Location	Detection Classification
☐ 02030	No detection
☐ 02298	No detection
☐ 1172 -A	No detection
☐ 01810	No detection
☐ 01812	No detection
☐ 01537	No detection
☐ 01320	No detection
☐ 01688	No detection
☐ 669 -B	No detection
☐ 1131 -B	No recent data
☐ 01626	No detection
☐ 802 -A	No detection
☐ 02124	No recent data
☐ 01211	No recent data
☐ 01398	No recent data
☐ 01541	No detection
☐ 01753	No detection
☐ 828 -A	No detection
☐ 01299	No detection
☐ 01449	No recent data
☐ 01709	No detection
☐ 01652	No detection
☐ 01717	No detection
☐ 01719	No detection
☐ 02003	No detection
☐ 01650	No detection
☐ 1293 -A	No detection
☐ 01808	No detection
☐ 02171	No detection
☐ 01259	No detection
☐ 01385	No recent data
☐ 01703	No detection
☐ Hoonah–Angoon Ca	No recent data
☐ 01162	No detection
☐ 01548	No detection
☐ 01662	No detection
☐ 01781	No detection
☐ 675 -U4	No detection
☐ 01177	No detection
☐ 01270	No recent data
☐ 564 -B	No detection
☐ 01314	No detection
☐ 01497	No detection
☐ 01658	No detection

Location	Detection Classification
☐ 01783	No detection
☐ 01283	No detection
☐ 01605	No recent data
☐ 01759	No recent data
☐ 01161	No detection
☐ 1453 -B	No detection
☐ 788 -A	No recent data
☐ 01542	No detection
☐ 01202	No detection
☐ 01411	No detection
☐ 01560	No detection
☐ 01230	No detection
☐ 01333	No detection
☐ 01338	No detection
☐ 01408	No detection
☐ 01409	No recent data
☐ 668 -B	No detection
☐ 01450	No recent data
☐ 711 -B	No detection
☐ 01260	No detection
☐ 01614	No detection
☐ 01732	No detection
☐ 02271	No detection
☐ 1173 -B	No detection
☐ 01550	No detection
☐ 569 -B	No detection
☐ 670 -A	No detection
☐ 01208	No detection
☐ 01285	No detection
☐ 01546	No detection
☐ Russell	No recent data
☐ 01949	No detection
☐ 763 -B	No detection
☐ 01180	No detection
☐ 01649	No detection
☐ 01305	No detection
☐ 01393	No detection
☐ 01718	No detection
☐ 01084	No detection
☐ 01181	No detection
☐ 01382	No detection
☐ 01813	No detection
☐ 01140	No detection
☐ 01734	No detection

Location	Detection Classification
☐ 01930	No detection
☐ 01317	No detection
☐ 01318	No detection
☐ 1080 -A	No detection
☐ 01179	No detection
☐ 01539	No detection
☐ 01842	No detection
☐ 01204	No detection
☐ 01613	No detection
☐ 779 -A	No detection
☐ 01543	No detection
☐ 01696	No detection
☐ 01163	No detection
☐ 01663	No detection
☐ 01737	No detection
☐ 01319	No detection
☐ 01691	No detection
☐ 01268	No detection
☐ 01205	No detection
☐ 01656	No detection
☐ 01690	No detection
☐ 01791	No detection
☐ 01159	No detection
☐ 01632	No detection
☐ 01322	No detection
☐ 01495	No detection
☐ 675 -U2	No detection
☐ 01141	No detection
☐ 01490	No recent data
☐ 02104	No recent data
☐ 675 -U1	No detection
☐ 1165 -B	No detection
☐ 01653	No detection
☐ 02041	No recent data
☐ 1080 -B	No detection
☐ 01388	No recent data
☐ 01442	No detection
☐ 01651	No detection
☐ 01721	No detection
☐ 02042	No recent data
☐ 02297	No detection
☐ 01199	No detection
☐ 01869	No detection
☐ 01329	No detection

Location	Detection Classification
☐ 01494	No detection
☐ 1540 -A	No detection
☐ 02222	Intermittent detection
☐ 1221 -A	No detection
☐ 02040	No recent data
☐ 02077	No detection
☐ 01143	No recent data
☐ 01281	No detection
☐ 711 -A	No detection
☐ 01465	No detection
☐ 781 -B	No detection
☐ 01229	No detection
☐ 01384	No detection
☐ 779 -B	No detection
☐ 01462	No detection
☐ 01496	No recent data
☐ 01635	No recent data
☐ 671 -A	No detection
☐ 668 -A	No detection
☐ 01203	No detection
☐ 1822 -A	No detection
☐ 01210	No detection
☐ 01311	No detection
☐ 781 -A	No detection
☐ 02263	No detection
☐ 02299	No detection
☐ 01378	No detection
☐ 01278	No detection
☐ 01606	No recent data
☐ 01684	No detection
☐ 01738	No detection
☐ 01793	No detection
☐ 01508	No detection
☐ 01697	No detection
☐ 01766	No detection
☐ 01779	No detection
☐ 01269	No detection
☐ 01076	No recent data
☐ 01441	No recent data
☐ 1387 -B	No detection
☐ 01760	No detection
☐ 01784	No detection
☐ 561 -A	No detection
☐ 01559	No recent data

Location	Detection Classification
☐ 1631 -B	No detection
☐ 02044	No recent data
☐ 01292	No detection
☐ Valdez-Cordova Ca	No detection
☐ 01383	No detection
☐ 01661	No detection
☐ 01682	No detection
☐ 02301	No detection
☐ 01108	No detection
☐ 01695	No detection
☐ 01397	No recent data
☐ 01454	No detection
☐ 1173 -A	No detection
☐ 01667	No detection
☐ 01139	No recent data
☐ 01708	No detection
☐ 01275	No recent data
☐ 02288	No detection
☐ 763 -A	No detection
☐ 1751 -B	No detection
☐ 01200	No recent data
☐ 01675	No detection
☐ 01790	No detection
☐ 02208	No detection
☐ 772 -A	No detection
☐ 01545	No detection
☐ 01337	No detection
☐ 01716	No detection
☐ 669 -A	No detection
☐ 01472	No detection
☐ 1616 -B	No detection
☐ 1165 -A	No recent data
☐ 01660	No detection
☐ 01733	No detection
☐ 1735 -B	No detection
☐ 01444	No detection
☐ 01452	No detection
☐ 01755	No detection
☐ 635 -U2	Intermittent detection
☐ 834 -A	No detection
☐ 01334	No recent data
☐ 01491	No detection
☐ 802 -B	No detection
☐ 1410 -A	No detection

Location	Detection Classification
☐ 01593	No detection
☐ 01674	No detection
☐ 561 -B	No detection

Footnotes

Data Description:

- Data are updated weekly.
- Each dot on the map represents a wastewater site. A site can represent all or part of a sewershed, which is the geographic area contributing wastewater to a sampling location. Sewersheds may cross county or state boundaries.
- Samples from some sites are tested for mpox virus at different laboratories that may use different collection and testing methods. These sites have more than one dot on the map with the same sewershed number followed by a different letter. These sites may have different detection categories for the different dots.
- Not all communities report wastewater data to CDC. Participation is voluntary. Wastewater samples are collected from sewer systems, so communities that rely primarily on septic systems are not represented.

Dot Locations:

Data are plotted in the ZIP code of the sampling location, so dots on the map do not correspond exactly to sampling locations.

Data Sources:

Data are from the National Wastewater Surveillance System ([NWSS](#)).

Laboratory Methods:

Mpox virus in wastewater is detected using quantitative polymerase chain reaction (qPCR) or digital polymerase chain reaction (dPCR) tests. Different laboratories may use different testing methods. For general information about testing methods, please visit [CDC’s Wastewater Surveillance Testing Methods webpage](#). This webpage provides information on SARS-CoV-2 wastewater testing methods, which are similar to mpox wastewater testing methods.