



National Wastewater Surveillance System (NWSS)

U.S. Mpox Wastewater Data

Updated September 20, 2023



As of September 15, 2023, testing data is temporarily unavailable from about 400 wastewater testing sites nationwide. A new contract is being implemented, and testing and reporting for affected sites is expected to resume shortly.



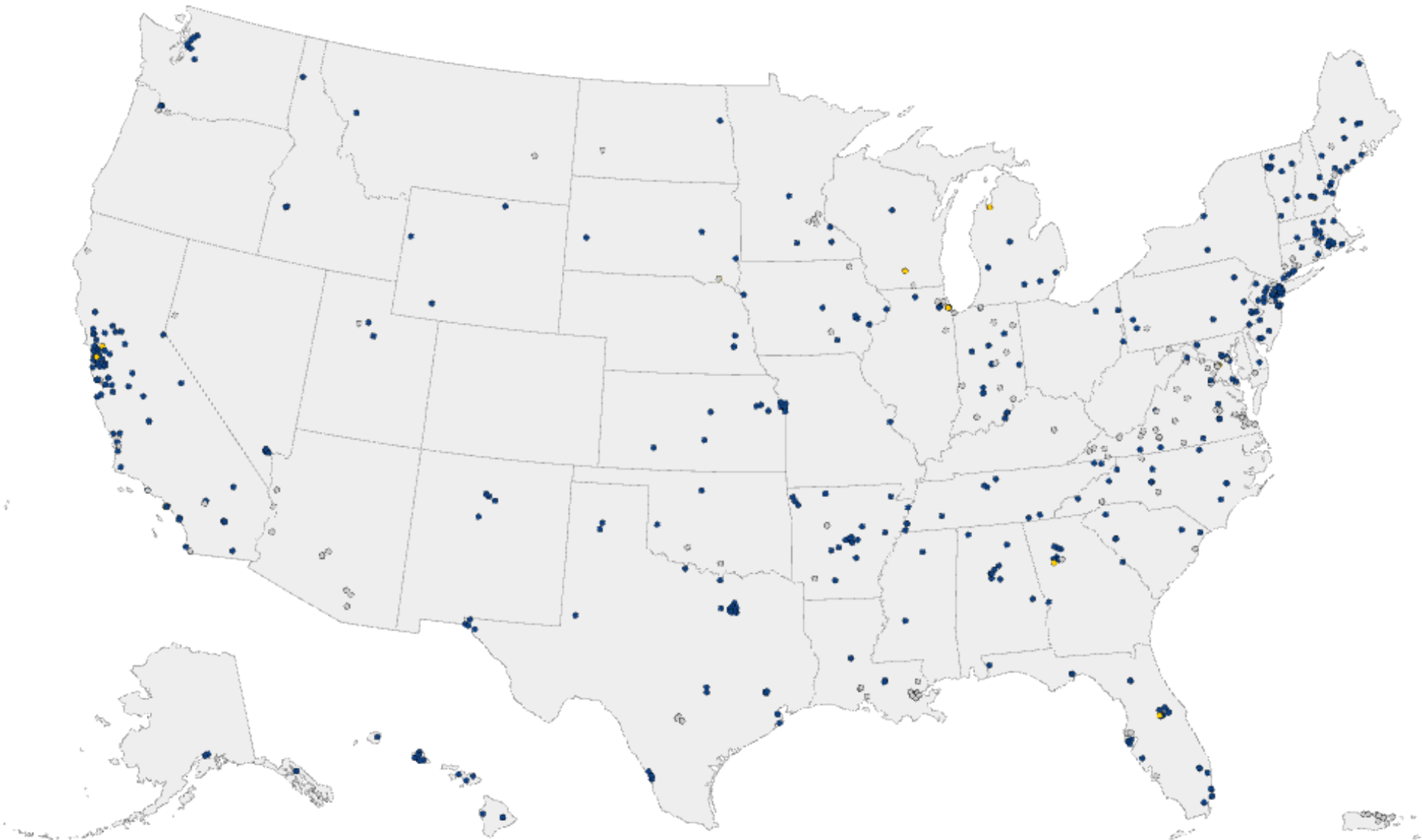
**NATIONAL™
WASTEWATER
SURVEILLANCE
SYSTEM**

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 1 site (0%)	Intermittent detection 14 sites (2%)	No detection 449 sites (73%)	No recent data 151 sites (25%)
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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
☐ Id:38	No recent data
☐ Id:42	No recent data
☐ Id:61	No recent data
☐ Id:65	No detection
☐ Id:76	No detection
☐ Id:105	No detection
☐ Id:125	No detection
☐ Id:177	No recent data
☐ Id:178	No recent data
☐ Id:180	No recent data
☐ Id:181	No recent data
☐ Id:188	No detection
☐ Id:220	No detection
☐ Id:285	No detection
☐ Id:291	No detection
☐ Id:305	No detection
☐ Id:342	No recent data
☐ Id:347	No detection
☐ Id:352	No detection
☐ Id:353	No detection
☐ Id:362	No detection

Location	Detection Classification
☐ Id:363	Intermittent detection
☐ Id:383	No detection
☐ Id:393	No detection
☐ Id:402	No detection
☐ Id:421	No detection
☐ Id:446	No detection
☐ Id:454	No recent data
☐ Id:461	No recent data
☐ Id:462	No detection
☐ Id:464	No detection
☐ Id:470	No detection
☐ Id:472	No detection
☐ Id:475	No detection
☐ Id:476	No detection
☐ Id:484	No recent data
☐ Id:485	No detection
☐ Id:486	Intermittent detection
☐ Id:487	No detection
☐ Id:492	No recent data
☐ Id:493	No detection
☐ Id:494	No detection
☐ Id:495	No detection
☐ Id:496	No detection
☐ Id:497 -B	Intermittent detection
☐ Id:497 -A	No detection
☐ Id:498	No detection
☐ Id:499	No detection
☐ Id:500	No detection
☐ Id:501	No recent data
☐ Id:503	No detection
☐ Id:505	No detection
☐ Id:506	No detection
☐ Id:507	No detection
☐ Id:509	No detection
☐ Id:510	No detection
☐ Id:511	No recent data
☐ Id:534	No detection
☐ Id:536	No detection
☐ Id:537	No recent data
☐ Id:539	No detection
☐ Id:540	No detection
☐ Id:541	No detection
☐ Id:544	No detection
☐ Id:545	No detection

Location	Detection Classification
☐ Id:546	No recent data
☐ Id:547	No detection
☐ Id:548	No detection
☐ Id:549	No detection
☐ Id:550	No detection
☐ Id:551	No detection
☐ Id:552	No detection
☐ Id:553	No detection
☐ Id:554	No recent data
☐ Id:555	No detection
☐ Id:560	No detection
☐ Id:561 -A	No detection
☐ Id:561 -B	No detection
☐ Id:562	No detection
☐ Id:563	No recent data
☐ Id:564 -A	No detection
☐ Id:564 -B	No detection
☐ Id:565	No detection
☐ Id:566	No detection
☐ Id:569 -A	No detection
☐ Id:569 -B	No detection
☐ Id:570 -B	No detection
☐ Id:570 -A	No detection
☐ Id:574	No detection
☐ Id:575	No detection
☐ Id:590	No recent data
☐ Id:593	No detection
☐ Id:599	No detection
☐ Id:600	No detection
☐ Id:635 -U1	Intermittent detection
☐ Id:635 -U3	No detection
☐ Id:635 -U2	Intermittent detection
☐ Id:661	No detection
☐ Id:663	No detection
☐ Id:666	No recent data
☐ Id:667	No detection
☐ Id:668 -B	No detection
☐ Id:668 -A	No detection
☐ Id:669 -B	No detection
☐ Id:669 -A	No detection
☐ Id:670 -B	No detection
☐ Id:670 -A	No detection
☐ Id:671 -B	No detection
☐ Id:671 -A	No detection

Location	Detection Classification
☐ Id:672	No detection
☐ Id:673	No detection
☐ Id:674 -U3	No detection
☐ Id:674 -U1	No detection
☐ Id:674 -U2	Consistent detection
☐ Id:675 -U2	Intermittent detection
☐ Id:675 -U3	Intermittent detection
☐ Id:675 -U5	No detection
☐ Id:675 -U1	No detection
☐ Id:675 -U4	No detection
☐ Id:676	No detection
☐ Id:677	No detection
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☐ Id:682	No recent data
☐ Id:683	No recent data
☐ Id:684	No recent data
☐ Id:686	No recent data
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☐ Id:706	No detection
☐ Id:709	No detection
☐ Id:710	No detection
☐ Id:711 -B	No detection
☐ Id:711 -A	No detection
☐ Id:715	No recent data
☐ Id:716	No detection
☐ Id:724	No detection
☐ Id:727	No recent data
☐ Id:741	No detection
☐ Id:763 -B	No detection
☐ Id:763 -A	No detection
☐ Id:764	No detection
☐ Id:765	No detection
☐ Id:767	No detection
☐ Id:768	No detection
☐ Id:769	No recent data
☐ Id:770	No detection
☐ Id:771	No recent data
☐ Id:772 -B	No detection
☐ Id:772 -A	No detection
☐ Id:777	No detection
☐ Id:778	No recent data

Location	Detection Classification
☐ Id:779 -A	No detection
☐ Id:779 -B	No detection
☐ Id:781 -B	No detection
☐ Id:781 -A	No detection
☐ Id:783	No recent data
☐ Id:784	No recent data
☐ Id:787	No detection
☐ Id:788	No detection
☐ Id:788 -B	No detection
☐ Id:788 -A	No recent data
☐ Id:790 -A	No detection
☐ Id:790 -B	No detection
☐ Id:792	No recent data
☐ Id:793	No detection
☐ Id:795	No recent data
☐ Id:798 -B	No detection
☐ Id:798 -A	No detection
☐ Id:802 -A	No detection
☐ Id:802 -B	No detection
☐ Id:803	No detection
☐ Id:804	No recent data
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☐ Id:806	No recent data
☐ Id:807	No detection
☐ Id:808	No recent data
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☐ Id:813	No detection
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☐ Id:831	No detection
☐ Id:832	No recent data
☐ Id:833	No detection
☐ Id:834 -B	No detection
☐ Id:834 -A	No detection
☐ Id:835	No detection
☐ Id:847	No recent data
☐ Id:848	No recent data
☐ Id:849	No recent data
☐ Id:853	No detection
☐ Id:854	No detection
☐ Id:863	No detection
☐ Id:865 -A	No detection
☐ Id:865 -B	No detection

Location	Detection Classification
☐ Id:867 -B	No detection
☐ Id:867 -A	No detection
☐ Id:892	No detection
☐ Id:993	No recent data
☐ Id:1079	No recent data
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☐ Id:1080 -B	No detection
☐ Id:1081	No detection
☐ Id:1082 -B	No detection
☐ Id:1082 -A	No detection
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☐ Id:1084	No detection
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☐ Id:1108	No recent data
☐ Id:1113	No recent data
☐ Id:1116	No detection
☐ Id:1131 -A	No recent data
☐ Id:1131 -B	No detection
☐ Id:1134	No detection
☐ Id:1139	No detection
☐ Id:1140	No detection
☐ Id:1141	No detection
☐ Id:1142	No detection
☐ Id:1148	No recent data
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☐ Id:1160	No detection
☐ Id:1161	No detection
☐ Id:1162	No recent data
☐ Id:1163	No detection
☐ Id:1165 -B	Intermittent detection
☐ Id:1165 -A	No recent data
☐ Id:1172 -B	No detection
☐ Id:1172 -A	No detection
☐ Id:1173 -B	No detection
☐ Id:1173 -A	No detection
☐ Id:1175	No detection
☐ Id:1176	No recent data
☐ Id:1177	No detection
☐ Id:1179	No detection
☐ Id:1180	No detection
☐ Id:1181	No detection
☐ Id:1188	No recent data

Location	Detection Classification
☐ Id:1195	No recent data
☐ Id:1196	No recent data
☐ Id:1197	No recent data
☐ Id:1198	No recent data
☐ Id:1199	No detection
☐ Id:1200	No recent data
☐ Id:1202	No detection
☐ Id:1203 -B	No detection
☐ Id:1203 -A	No detection
☐ Id:1204 -B	No detection
☐ Id:1204 -A	No detection
☐ Id:1205	No detection
☐ Id:1206	No detection
☐ Id:1208 -A	No detection
☐ Id:1208 -B	No detection
☐ Id:1210	No detection
☐ Id:1211	No recent data
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☐ Id:1219	No detection
☐ Id:1220	No detection
☐ Id:1221 -B	No detection
☐ Id:1221 -A	No detection
☐ Id:1223	No detection
☐ Id:1224	No detection
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☐ Id:1269	No recent data
☐ Id:1270	No recent data
☐ Id:1271	No recent data
☐ Id:1272	No recent data
☐ Id:1273	No recent data
☐ Id:1275	No recent data

Location	Detection Classification
☐ Id:1277	Intermittent detection
☐ Id:1278	No detection
☐ Id:1281	No recent data
☐ Id:1282	No detection
☐ Id:1283	No detection
☐ Id:1284	No detection
☐ Id:1285	No detection
☐ Id:1288	No detection
☐ Id:1289	No recent data
☐ Id:1291	No recent data
☐ Id:1292	No detection
☐ Id:1293 -B	No detection
☐ Id:1293 -A	No recent data
☐ Id:1299	No detection
☐ Id:1300	No detection
☐ Id:1302	No recent data
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☐ Id:1318	No detection
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☐ Id:1320	No detection
☐ Id:1322	No detection
☐ Id:1323 -A	No detection
☐ Id:1323 -B	No detection
☐ Id:1327	No recent data
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☐ Id:1333	No detection
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☐ Id:1337	No detection
☐ Id:1338	No detection
☐ Id:1348	No detection
☐ Id:1349	No recent data
☐ Id:1350	No recent data
☐ Id:1352	No recent data
☐ Id:1353	No detection
☐ Id:1371	No detection
☐ Id:1378	No detection
☐ Id:1382	No recent data
☐ Id:1383	No recent data

Location	Detection Classification
☐ Id:1384	No detection
☐ Id:1385	No recent data
☐ Id:1386	No detection
☐ Id:1387 -A	No recent data
☐ Id:1387 -B	No detection
☐ Id:1388	No detection
☐ Id:1392	No recent data
☐ Id:1393	No detection
☐ Id:1394	No detection
☐ Id:1395	No detection
☐ Id:1408	No detection
☐ Id:1409	No recent data
☐ Id:1410 -B	No detection
☐ Id:1410 -A	No detection
☐ Id:1411	No detection
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☐ Id:1444	No detection
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☐ Id:1446	No detection
☐ Id:1447	No recent data
☐ Id:1448	No detection
☐ Id:1449	No recent data
☐ Id:1450	No detection
☐ Id:1452	No detection
☐ Id:1453 -A	No recent data
☐ Id:1453 -B	No detection
☐ Id:1453	No detection
☐ Id:1454	No detection
☐ Id:1461	No detection
☐ Id:1462	No detection
☐ Id:1463	No detection
☐ Id:1464	No detection
☐ Id:1465	No detection
☐ Id:1471	No recent data
☐ Id:1472	No detection
☐ Id:1473	No recent data
☐ Id:1490	No detection
☐ Id:1491	No detection
☐ Id:1494	No detection
☐ Id:1495	No detection
☐ Id:1496	No recent data

Location	Detection Classification
☐ Id:1497	No recent data
☐ Id:1501	No detection
☐ Id:1502	No detection
☐ Id:1508	No detection
☐ Id:1509	No detection
☐ Id:1536	No detection
☐ Id:1537	No detection
☐ Id:1539	No detection
☐ Id:1540 -B	No detection
☐ Id:1540 -A	No detection
☐ Id:1541	No detection
☐ Id:1542	No detection
☐ Id:1543	No detection
☐ Id:1544	No detection
☐ Id:1545	No detection
☐ Id:1546	No detection
☐ Id:1548	No detection
☐ Id:1549 -A	No detection
☐ Id:1550	No recent data
☐ Id:1551	No detection
☐ Id:1552 -A	No detection
☐ Id:1552 -B	No detection
☐ Id:1558	No recent data
☐ Id:1559	No detection
☐ Id:1560	No detection
☐ Id:1561	No detection
☐ Id:1565	No detection
☐ Id:1576	No recent data
☐ Id:1593	No detection
☐ Id:1605	No recent data
☐ Id:1606	No recent data
☐ Id:1607	No detection
☐ Id:1613	No detection
☐ Id:1614	No recent data
☐ Id:1615	No recent data
☐ Id:1616 -A	No recent data
☐ Id:1616	No recent data
☐ Id:1616 -B	No detection
☐ Id:1617	No detection
☐ Id:1618	No detection
☐ Id:1626	No recent data
☐ Id:1631 -A	No detection
☐ Id:1631 -B	Intermittent detection
☐ Id:1632	No recent data

Location	Detection Classification
☐ Id:1633	No recent data
☐ Id:1648	No recent data
☐ Id:1649	No recent data
☐ Id:1650	No recent data
☐ Id:1651	No recent data
☐ Id:1652	No recent data
☐ Id:1653	No recent data
☐ Id:1655	No recent data
☐ Id:1656	No recent data
☐ Id:1657	No recent data
☐ Id:1658	No recent data
☐ Id:1659	No recent data
☐ Id:1660	No recent data
☐ Id:1661	No recent data
☐ Id:1662	No detection
☐ Id:1663	No detection
☐ Id:1664	No detection
☐ Id:1665	No detection
☐ Id:1666	Intermittent detection
☐ Id:1667	No detection
☐ Id:1669	No detection
☐ Id:1671	No detection
☐ Id:1672	No detection
☐ Id:1673	No detection
☐ Id:1674	No detection
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☐ Id:1677	No detection
☐ Id:1682	No detection
☐ Id:1684	No detection
☐ Id:1685	No detection
☐ Id:1687	No detection
☐ Id:1688	No detection
☐ Id:1689	No detection
☐ Id:1690	Intermittent detection
☐ Id:1691	No detection
☐ Id:1692	No detection
☐ Id:1693	No detection
☐ Id:1695	No detection
☐ Id:1696	No detection
☐ Id:1697	No detection
☐ Id:1698	No detection
☐ Id:1701	No detection
☐ Id:1703	No detection

Location	Detection Classification
☐ Id:1706	No detection
☐ Id:1708	No detection
☐ Id:1709	No detection
☐ Id:1710	No detection
☐ Id:1711	No detection
☐ Id:1712	No detection
☐ Id:1713	No detection
☐ Id:1714	No detection
☐ Id:1716	No detection
☐ Id:1717	Intermittent detection
☐ Id:1718	No detection
☐ Id:1719	No detection
☐ Id:1720	No detection
☐ Id:1721	No detection
☐ Id:1732	No detection
☐ Id:1733	No detection
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☐ Id:1737	No detection
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☐ Id:1739	No detection
☐ Id:1740	No detection
☐ Id:1741	No detection
☐ Id:1742	No detection
☐ Id:1751 -A	No recent data
☐ Id:1751 -B	No detection
☐ Id:1752	No detection
☐ Id:1753	No detection
☐ Id:1755	No detection
☐ Id:1759	No recent data
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☐ Id:1761	No detection
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☐ Id:1779	No detection
☐ Id:1780	No detection
☐ Id:1781	No detection
☐ Id:1783	No detection
☐ Id:1784	No detection
☐ Id:1785	No recent data

Location	Detection Classification
☐ Id:1786	No detection
☐ Id:1789	No detection
☐ Id:1790	No detection
☐ Id:1791	No detection
☐ Id:1792	No detection
☐ Id:1793	No detection
☐ Id:1807	No detection
☐ Id:1808	No detection
☐ Id:1810	No detection
☐ Id:1811	No detection
☐ Id:1812	No detection
☐ Id:1813	No detection
☐ Id:1822 -B	No detection
☐ Id:1822 -A	No detection
☐ Id:1826	No recent data
☐ Id:1827	No recent data
☐ Id:1828	No recent data
☐ Id:1829	No recent data
☐ Id:1830	No recent data
☐ Id:1831	No recent data
☐ Id:1832	No recent data
☐ Id:1833	No recent data
☐ Id:1834	No recent data
☐ Id:1837	No recent data
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☐ Id:1839	No detection
☐ Id:1842	No detection
☐ Id:1866	No detection
☐ Id:1867	No detection
☐ Id:1869	No detection
☐ Id:1870	Intermittent detection
☐ Id:1918	No detection
☐ Id:1930	No detection
☐ Id:1946	No detection
☐ Id:1947	No detection
☐ Id:1948	No detection
☐ Id:1949	No detection
☐ Id:1963	No recent data
☐ Id:1985	No recent data
☐ Id:1989	No detection
☐ Id:1990	No detection
☐ Id:1992	No recent data
☐ Id:2002	No detection
☐ Id:2003	No detection

Location	Detection Classification
☐ Id:2008	No detection
☐ Id:2029	No recent data
☐ Id:2030	No detection
☐ Id:2031	No detection
☐ Id:2032	No detection
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☐ Id:2035	No recent data
☐ Id:2036	No recent data
☐ Id:2037	No recent data
☐ Id:2040	No detection
☐ Id:2041	No detection
☐ Id:2042	No detection
☐ Id:2043	No detection
☐ Id:2044	No detection
☐ Id:2077	No detection
☐ Id:2078	No recent data
☐ Id:2079	No recent data
☐ Id:2107	No detection
☐ Id:2109	No detection
☐ Id:2123	No detection
☐ Id:2171	No detection
☐ Id:2207	No detection
☐ Id:2208	No detection
☐ Id:2222	No detection
☐ Id:2261	No detection
☐ Id:2263	No detection
☐ Id:2267	No recent data
☐ Id:2270	No recent data
☐ Id:2271	No detection
☐ Id:2288	No detection
☐ Id:2290	No recent data
☐ Id:2293	No detection
☐ Id:2325	No detection
☐ Id:2326	No detection
☐ Id:2344	No detection
☐ Id:2346	No detection
☐ Id:2347	No detection
☐ Id:2349	No detection
☐ Id:2350	No detection
☐ Id:2351	No detection
☐ Id:2352	No detection
☐ Id:2353	No detection
☐ Id:2354	No detection
☐ Id:2355	No detection

Location	Detection Classification
☐ Id:2356	No detection
☐ Id:2358	No detection
☐ Id:2359	No detection
☐ Id:2360	No detection
☐ Id:2369	No detection
☐ Id:2373	No detection
☐ Id:2374	No detection
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☐ Id:2377	No detection
☐ Id:2378	No detection
☐ Id:2381	No detection
☐ Id:2395	No detection
☐ Id:2404	No detection
☐ Id:2405	No detection
☐ Id:2406	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.