



Influenza A Virus Wastewater Data

Updated May 17, 2024

Main Findings from Wastewater Surveillance

- During the two most recent weeks, (April 28-May 11), a total of 245 of 696 sites reported data meeting criteria for analysis for influenza A virus for both weeks or for either week, and 4 (2%) sites from three states were at a high level (>80th percentile compared to levels recorded at that site between October 1, 2023 and March 2, 2024).

Wastewater and the Current Outbreak of Influenza A (H5N1) in birds, cattle, and other animals:

- Current wastewater monitoring methods detect influenza A viruses but do not determine the subtype. This means that avian influenza A(H5N1) viruses can be detected but would not be distinguished from other influenza A virus subtypes.
- Wastewater testing cannot determine the source of the influenza A virus. It could come from a human or from an animal (like a bird) or an animal product (like milk from an infected cow).
- Public health officials at CDC and state and local health departments are monitoring these data. For areas where influenza A virus levels in wastewater are high, CDC works with relevant partners to better understand the factors that could be contributing to these levels.
- Efforts to monitor influenza A virus activity using wastewater data are likely to evolve as the methodologies and interpretation are evaluated and refined.
- For the latest information on H5N1, and what you can do to protect yourself, visit [H5N1 Bird Flu: Current Situation](#). For the latest information on influenza activity in people, visit the [Weekly U.S. Influenza Surveillance Report](#).

Number of Wastewater Sites with Data Meeting Criteria for Analysis Reporting Current High Influenza A Levels in Recent Two Weeks: 4 (2% of Total Sites)

Number of Sites with Data Meeting Criteria for Analysis Reporting Influenza A Wastewater Data in Past Two Weeks: 245

Influenza A in Wastewater – Site Level

This interactive map shows current site-level data for influenza A virus in wastewater. Each dot on the map represents a wastewater sampling site. Sites are categorized based on the current level of influenza A compared to the past levels at the same site during the 2023-2024 influenza season. When influenza A virus levels are at the 80th percentile or higher, CDC will work with relevant partners to better understand the factors that could be contributing to these levels.

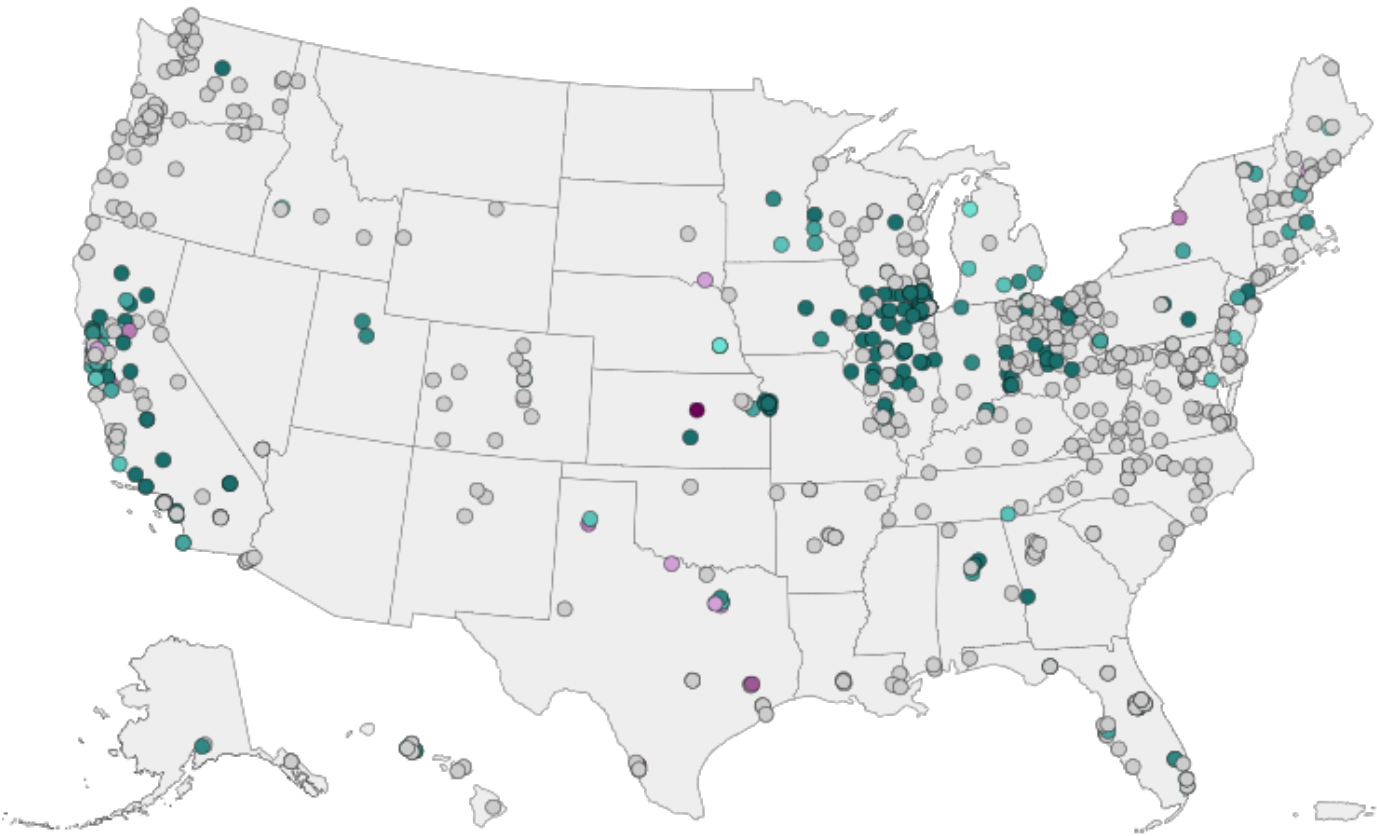
Wastewater data for influenza A is available for the most recent two weeks:

- April 28, 2024 – May 4, 2024
- May 5, 2024 – May 11, 2024

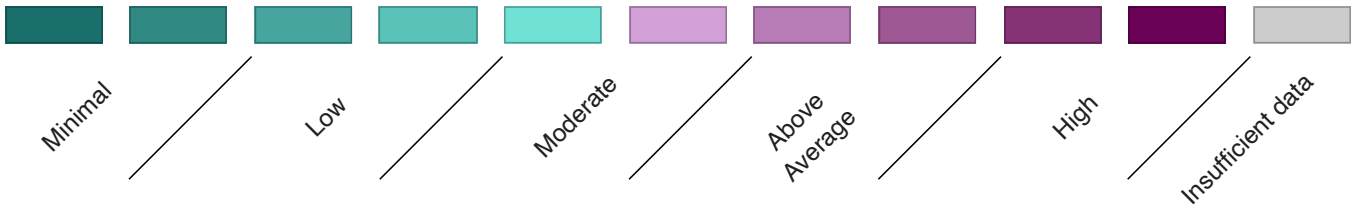
Data for the past two weeks can be viewed using the dropdown menu below

Week

2024-05-11 ▾



Select a color from the legend to add or remove it from the map.



All data are preliminary and may change as more reports are received. Wastewater data does not distinguish between human and animal waste or by-products.

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

Data Table									+
Sewershed ID ▲	Detection Classification	Jurisdiction	County	Detection Category	Percentile	Display Week	Sewershed Population	First Sampling Date	
● Id:100	0	California	Del Norte	Insufficient Data	Insufficient Data	2024-05-11	15,372	2023-10-04	
● Id:1003	3	Minnesota	Goodhue	Low	24.44	2024-05-11	16,000	2023-05-08	
● Id:101	0	California	El Dorado	Insufficient Data	Insufficient Data	2024-05-11	30,000	2024-01-29	
● Id:1017	3	Minnesota	Olmsted	Low	22.92	2024-05-11	120,000	2022-11-04	
● Id:102	0	California	Fresno	Insufficient Data	Insufficient Data	2024-05-11	650,000	2022-12-25	
● Id:1028	2	Minnesota	Sherburne, Benton, Stearns	Minimal	15.0	2024-05-11	120,000	2023-04-03	
● Id:103	0	California	Humboldt	Insufficient Data	Insufficient Data	2024-05-11	45,000	2023-07-30	
● Id:1033	0	Mississippi	Jackson	Insufficient Data	Insufficient Data	2024-05-11	19,008	2023-11-14	
● Id:1034	0	Mississippi	Jackson	Insufficient Data	Insufficient Data	2024-05-11	34,333	2023-11-12	
● Id:106	1	California	Kern	Minimal	0.0	2024-05-11	168,750	2022-12-13	
● Id:108-A	0	California	Kings	Insufficient Data	Insufficient Data	2024-05-11	59,488	2023-12-05	
● Id:108-C	1	California	Kings	Minimal	0.0	2024-05-11	56,000	2023-08-07	
● Id:1081	0	Missouri	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	48,000	2024-02-27	
● Id:111	1	California	Lake	Minimal	0.0	2024-05-11	13,200	2022-12-22	
● Id:112	4	California	Los Angeles	Low	31.58	2024-05-11	200,000	2022-09-12	
● Id:113-B	0	California	Los Angeles	Insufficient Data	Insufficient Data	2024-05-11	4,000,000	2022-08-28	
● Id:113-C	3	California	Ventura, Los Angeles	Low	21.21	2024-05-11	4,000,000	2022-12-13	
● Id:114-B	0	California	Los Angeles	Insufficient Data	Insufficient Data	2024-05-11	3,500,000	2022-02-27	
● Id:114-C	1	California	Los Angeles	Minimal	0.0	2024-05-11	3,500,000	2022-12-28	
● Id:115	0	California	Ventura, Los Angeles	Insufficient Data	Insufficient Data	2024-05-11	75,000	2023-11-21	
● Id:116	0	California	Madera	Insufficient Data	Insufficient Data	2024-05-11	67,944	2023-03-06	
● Id:1162	5	Nebraska	Lancaster	Moderate	44.9	2024-05-11	60,000	2023-08-02	
● Id:1164	4	Nebraska	Lancaster	Low	38.46	2024-05-11	240,000	2023-08-02	
● Id:117	2	California	Marin	Minimal	12.5	2024-05-11	30,000	2022-12-12	
● Id:1179-A	0	Nevada	Clark	Insufficient	Insufficient	2024-05-	2,000,000	2023-11-27	

				Data	Data	11		
 Id:1179-B	6	Nevada	Clark	Moderate	51.06	2024-05-11	990,000	2023-03-27
 Id:118	2	California	Marin	Minimal	15.38	2024-05-11	104,250	2022-08-22
 Id:1183	0	Maine, New Hampshire	Cumberland, Oxford, Belknap, Carroll	Insufficient Data	Insufficient Data	2024-05-11	6,500	2023-11-27
 Id:119	0	California	Marin	Insufficient Data	Insufficient Data	2024-05-11	25,000	2022-08-22
 Id:1190	0	New Hampshire	Merrimack	Insufficient Data	Insufficient Data	2024-05-11	45,000	2022-10-12
 Id:1191	0	New Hampshire	Merrimack	Insufficient Data	Insufficient Data	2024-05-11	4,000	2022-10-12
 Id:1196	3	New Hampshire	Strafford	Low	22.22	2024-05-11	30,000	2022-11-28
 Id:1198	0	New Hampshire	Sullivan	Insufficient Data	Insufficient Data	2024-05-11	6,000	2023-12-05
 Id:120	0	California	Marin	Insufficient Data	Insufficient Data	2024-05-11	30,000	2022-08-08
 Id:1204	4	New Jersey	Cumberland	Low	34.88	2024-05-11	50,000	2023-03-13
 Id:1206	1	New Jersey	Essex, Hudson, Union, Passaic, Bergen	Minimal	3.13	2024-05-11	1,500,000	2022-08-05
 Id:121	5	California	Marin	Moderate	42.55	2024-05-11	53,000	2022-06-20
 Id:1215	0	New Jersey	Monmouth	Insufficient Data	Insufficient Data	2024-05-11	52,672	2022-12-05
 Id:1216	2	New Jersey	Monmouth	Minimal	15.22	2024-05-11	100,000	2023-04-28
 Id:1217	0	New Jersey	Monmouth	Insufficient Data	Insufficient Data	2024-05-11	50,000	2023-04-11
 Id:122	7	California	Marin	Above Average	63.04	2024-05-11	18,000	2022-08-08
 Id:1222	3	New Jersey	Somerset	Low	20.0	2024-05-11	130,000	2023-05-15
 Id:1226	0	New Mexico	Bernalillo	Insufficient Data	Insufficient Data	2024-05-11	650,000	2024-03-10
 Id:1235	0	New Mexico	Los Alamos	Insufficient Data	Insufficient Data	2024-05-11	15,000	2024-03-28
 Id:124	0	California	Merced	Insufficient Data	Insufficient Data	2024-05-11	42,000	2022-12-02
 Id:1243	0	New Mexico	Santa Fe	Insufficient Data	Insufficient Data	2024-05-11	87,000	2023-11-27
 Id:126	0	California	Mono	Insufficient Data	Insufficient Data	2024-05-11	35,000	2023-03-15
 Id:127	0	California	Monterey	Insufficient Data	Insufficient Data	2024-05-11	262,000	2022-11-27
 Id:128	0	California	Monterey	Insufficient Data	Insufficient Data	2024-05-11	16,000	2023-11-21
 Id:13	2	Alaska	Anchorage	Minimal	18.52	2024-05-11	220,000	2023-05-24
 Id:130	3	California	Napa	Low	20.0	2024-05-11	83,300	2022-09-26
 Id:131	0	California	El Dorado, Nevada, Placer	Insufficient Data	Insufficient Data	2024-05-11	50,000	2024-01-14

 Id:132	0	California	Orange	Insufficient Data	Insufficient Data	2024-05-11	48,000	2022-12-21
 Id:133	2	California	Orange	Minimal	14.89	2024-05-11	129,000	2022-12-21
 Id:134	1	California	Orange	Minimal	0.0	2024-05-11	120,000	2022-12-21
 Id:135	1	California	Orange	Minimal	0.0	2024-05-11	1,800,000	2023-01-01
 Id:136	7	California	Placer	Above Average	68.09	2024-05-11	108,444	2023-09-19
 Id:137	1	California	Plumas	Minimal	0.0	2024-05-11	4,217	2023-01-03
 Id:1378	7	New York	Oswego	Above Average	63.41	2024-05-11	30,000	2023-07-31
 Id:138	6	California	Riverside	Moderate	54.0	2024-05-11	350,000	2023-01-25
 Id:139-A	0	California	Riverside	Insufficient Data	Insufficient Data	2024-05-11	91,980	2023-12-12
 Id:139-B	0	California	Riverside	Insufficient Data	Insufficient Data	2024-05-11	91,765	2022-08-24
 Id:14	0	Alaska	Anchorage	Insufficient Data	Insufficient Data	2024-05-11	23,000	2024-01-22
 Id:140	1	California	Sacramento	Minimal	3.8	2024-05-11	1,480,000	2023-02-20
 Id:141	3	California	San Benito	Low	20.0	2024-05-11	42,000	2022-09-14
 Id:142	0	California	San Bernardino	Insufficient Data	Insufficient Data	2024-05-11	73,000	2024-05-01
 Id:143	1	California	San Bernardino	Minimal	0.0	2024-05-11	890,000	2022-04-25
 Id:1431	3	New York	Tompkins	Low	23.26	2024-05-11	90,000	2023-08-28
 Id:144	1	California	San Bernardino	Minimal	0.0	2024-05-11	325,000	2022-12-13
 Id:145-B	5	California	San Diego	Moderate	44.07	2024-05-11	2,200,000	2022-08-07
 Id:145-C	3	California	San Diego	Low	22.58	2024-05-11	2,200,000	2022-12-11
 Id:1450	0	North Carolina	Buncombe, Henderson	Insufficient Data	Insufficient Data	2024-05-11	173,000	2023-09-19
 Id:1460	0	North Carolina	Pender, Duplin	Insufficient Data	Insufficient Data	2024-05-11	10,000	2023-12-06
 Id:1462	0	North Carolina	Forsyth	Insufficient Data	Insufficient Data	2024-05-11	178,000	2023-09-19
 Id:1463	0	North Carolina	Forsyth	Insufficient Data	Insufficient Data	2024-05-11	92,000	2022-08-22
 Id:1468	0	North Carolina	Guilford	Insufficient Data	Insufficient Data	2024-05-11	135,821	2023-09-19
 Id:1469	0	North Carolina	Forsyth, Guilford, Davidson, Randolph	Insufficient Data	Insufficient Data	2024-05-11	116,390	2024-04-23
 Id:147	3	California	San Francisco, San Mateo	Low	25.68	2024-05-11	250,000	2023-02-21
 Id:1473-A	0	North Carolina	Lenoir	Insufficient Data	Insufficient Data	2024-05-11	20,484	2023-12-04
 Id:1473-B	0	North Carolina	Lenoir	Insufficient Data	Insufficient Data	2024-05-11	25,000	2022-10-17

 Id:1478	0	North Carolina	Mecklenburg	Insufficient Data	Insufficient Data	2024-05-11	182,501	2023-09-18
 Id:148-B	4	California	San Francisco, San Mateo	Low	35.44	2024-05-11	750,000	2023-02-21
 Id:148-C	3	California	San Francisco, San Mateo	Low	28.79	2024-05-11	750,000	2022-12-28
 Id:1484	0	North Carolina	New Hanover	Insufficient Data	Insufficient Data	2024-05-11	67,743	2023-09-19
 Id:1485	0	North Carolina	Onslow	Insufficient Data	Insufficient Data	2024-05-11	41,819	2023-09-19
 Id:1486	0	North Carolina	Durham, Orange	Insufficient Data	Insufficient Data	2024-05-11	78,141	2023-09-19
 Id:1487	0	North Carolina	Durham, Orange	Insufficient Data	Insufficient Data	2024-05-11	108,105	2023-09-19
 Id:1489	0	North Carolina	Pitt	Insufficient Data	Insufficient Data	2024-05-11	89,616	2023-09-19
 Id:149	0	California	San Francisco	Insufficient Data	Insufficient Data	2024-05-11	9,923	2022-12-29
 Id:1490	0	North Carolina	Rowan	Insufficient Data	Insufficient Data	2024-05-11	32,000	2024-01-09
 Id:1491	0	North Carolina	Rowan	Insufficient Data	Insufficient Data	2024-05-11	21,000	2024-01-09
 Id:1495	0	North Carolina	Swain, Jackson	Insufficient Data	Insufficient Data	2024-05-11	10,000	2024-01-17
 Id:15	0	Alaska	Juneau	Insufficient Data	Insufficient Data	2024-05-11	12,000	2024-02-06
 Id:150	0	California	San Francisco	Insufficient Data	Insufficient Data	2024-05-11	11,738	2022-12-29
 Id:1501	0	North Carolina	Wake	Insufficient Data	Insufficient Data	2024-05-11	550,000	2023-09-19
 Id:1504	0	North Carolina	Watauga	Insufficient Data	Insufficient Data	2024-05-11	26,000	2024-01-02
 Id:1505	0	North Carolina	Wilson	Insufficient Data	Insufficient Data	2024-05-11	50,000	2023-09-18
 Id:1508	0	Ohio	Allen	Insufficient Data	Insufficient Data	2024-05-11	61,000	2023-10-01
 Id:151	0	California	San Francisco	Insufficient Data	Insufficient Data	2024-05-11	6,308	2022-12-29
 Id:1511	0	Ohio	Ashtabula	Insufficient Data	Insufficient Data	2024-05-11	31,430	2023-10-01
 Id:1512	0	Ohio	Ashtabula	Insufficient Data	Insufficient Data	2024-05-11	12,000	2023-10-01
 Id:1514	1	Ohio	Athens	Minimal	0.0	2024-05-11	24,536	2023-10-01
 Id:152	7	California	San Francisco, San Mateo	Above Average	66.67	2024-05-11	66,446	2022-12-29
 Id:1524	0	Ohio	Belmont	Insufficient Data	Insufficient Data	2024-05-11	13,169	2023-10-01
 Id:1527	1	Ohio	Butler	Minimal	0.0	2024-05-11	65,000	2023-10-01
 Id:1528	1	Ohio	Butler	Minimal	0.0	2024-05-11	22,000	2023-10-01
 Id:153	0	California	San Francisco	Insufficient Data	Insufficient Data	2024-05-11	3,882	2022-12-29
 Id:1534	0	Ohio	Carroll	Insufficient Data	Insufficient Data	2024-05-11	3,500	2023-10-02

 Id:1535	0	Ohio	Clark	Insufficient Data	Insufficient Data	2024-05-11	60,000	2023-10-02
 Id:1537	0	Ohio	Coshocton	Insufficient Data	Insufficient Data	2024-05-11	12,000	2023-10-01
 Id:1538	0	Ohio	Crawford	Insufficient Data	Insufficient Data	2024-05-11	12,362	2023-10-01
 Id:1539	0	Ohio	Cuyahoga	Insufficient Data	Insufficient Data	2024-05-11	313,158	2023-10-01
 Id:154	0	California	San Francisco	Insufficient Data	Insufficient Data	2024-05-11	4,416	2022-12-29
 Id:1540	1	Ohio	Cuyahoga	Minimal	0.0	2024-05-11	524,154	2023-10-01
 Id:1542	0	Ohio	Cuyahoga	Insufficient Data	Insufficient Data	2024-05-11	103,379	2023-10-01
 Id:1543	1	Ohio	Darke	Minimal	0.0	2024-05-11	13,000	2023-10-01
 Id:1544	0	Ohio	Defiance	Insufficient Data	Insufficient Data	2024-05-11	19,900	2023-10-01
 Id:1545	0	Ohio	Erie	Insufficient Data	Insufficient Data	2024-05-11	55,000	2023-10-01
 Id:1546	1	Ohio	Fairfield	Minimal	0.0	2024-05-11	24,303	2023-10-01
 Id:1548	0	Ohio	Fayette	Insufficient Data	Insufficient Data	2024-05-11	14,000	2023-10-01
 Id:1549	1	Ohio	Franklin	Minimal	0.0	2024-05-11	645,940	2023-10-01
 Id:1555	1	Ohio	Franklin	Minimal	0.0	2024-05-11	654,817	2023-10-01
 Id:1557	0	Ohio	Fulton	Insufficient Data	Insufficient Data	2024-05-11	6,000	2023-10-01
 Id:1558	0	Ohio	Greene	Insufficient Data	Insufficient Data	2024-05-11	46,160	2023-10-01
 Id:1559	0	Ohio	Greene	Insufficient Data	Insufficient Data	2024-05-11	4,100	2023-10-02
 Id:1564	0	Ohio	Hamilton	Insufficient Data	Insufficient Data	2024-05-11	143,000	2023-10-01
 Id:1569	1	Ohio	Hamilton	Minimal	0.0	2024-05-11	488,000	2023-10-01
 Id:1587	1	Ohio	Hamilton	Minimal	0.0	2024-05-11	76,000	2023-10-01
 Id:1588	1	Ohio	Hamilton	Minimal	0.0	2024-05-11	34,000	2023-10-01
 Id:1589	0	Ohio	Hancock	Insufficient Data	Insufficient Data	2024-05-11	42,000	2023-10-01
 Id:1590	0	Ohio	Hardin	Insufficient Data	Insufficient Data	2024-05-11	8,500	2023-10-04
 Id:1591	0	Ohio	Henry	Insufficient Data	Insufficient Data	2024-05-11	8,749	2023-10-01
 Id:1592	0	Ohio	Hocking	Insufficient Data	Insufficient Data	2024-05-11	8,500	2023-09-28
 Id:1594	0	Ohio	Huron	Insufficient Data	Insufficient Data	2024-05-11	3,276	2023-10-02
 Id:1595	0	Ohio	Huron	Insufficient Data	Insufficient Data	2024-05-11	17,000	2023-10-01
 Id:1598	0	Ohio	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	17,864	2023-10-01
 Id:16	0	Alaska	Juneau	Insufficient	Insufficient	2024-05-	22,000	2023-12-06

 Id:160	0	California	San Luis Obispo	Data	Data	11		
 Id:1600	0	Ohio	Knox	Insufficient Data	Insufficient Data	2024-05-11	6,031	2024-01-02
 Id:1601	0	Ohio	Knox	Insufficient Data	Insufficient Data	2024-05-11	18,000	2023-10-15
 Id:1602	0	Ohio	Lake	Insufficient Data	Insufficient Data	2024-05-11	7,000	2023-11-05
 Id:1604	0	Ohio	Licking	Insufficient Data	Insufficient Data	2024-05-11	20,000	2023-10-01
 Id:1605	1	Ohio	Licking	Minimal	0.0	2024-05-11	45,000	2023-10-01
 Id:1606	1	Ohio	Lorain	Minimal	0.0	2024-05-11	3,300	2023-10-01
 Id:1607	1	Ohio	Lorain	Minimal	0.0	2024-05-11	54,500	2023-10-01
 Id:161	0	California	San Luis Obispo	Insufficient Data	Insufficient Data	2024-05-11	72,000	2023-10-01
 Id:1611	0	Ohio	Lucas	Insufficient Data	Insufficient Data	2024-05-11	15,000	2024-03-12
 Id:1612	0	Ohio	Lucas	Insufficient Data	Insufficient Data	2024-05-11	110,000	2023-10-03
 Id:1613	1	Ohio	Lucas	Minimal	0.0	2024-05-11	17,000	2023-10-01
 Id:162	0	California	San Luis Obispo	Insufficient Data	Insufficient Data	2024-05-11	322,446	2023-10-01
 Id:1622-B	0	Ohio	Mahoning	Insufficient Data	Insufficient Data	2024-05-11	14,465	2023-12-07
 Id:1622-C	0	Ohio	Mahoning	Insufficient Data	Insufficient Data	2024-05-11	174,000	2022-12-14
 Id:1630	0	Ohio	Marion	Insufficient Data	Insufficient Data	2024-05-11	65,469	2023-10-01
 Id:1634	1	Ohio	Medina	Minimal	0.0	2024-05-11	36,000	2023-10-02
 Id:1635	0	Ohio	Mercer	Insufficient Data	Insufficient Data	2024-05-11	35,000	2023-10-01
 Id:1638	0	Ohio	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	4,800	2023-10-02
 Id:164	0	California	San Luis Obispo	Insufficient Data	Insufficient Data	2024-05-11	226,729	2023-10-02
 Id:1640	0	Ohio	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	31,037	2022-02-28
 Id:1641	0	Ohio	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	36,150	2023-10-02
 Id:1642	0	Ohio	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	65,000	2023-10-01
 Id:1647	0	Ohio	Muskingum	Insufficient Data	Insufficient Data	2024-05-11	79,000	2023-10-02
 Id:1649	0	Ohio	Ottawa	Insufficient Data	Insufficient Data	2024-05-11	47,500	2023-10-01
 Id:165	5	California	San Luis Obispo	Moderate	42.62	2024-05-11	7,000	2023-10-01
 Id:1652	1	Ohio	Pickaway	Minimal	0.0	2024-05-11	47,545	2023-08-07
 Id:1657	0	Ohio	Portage	Insufficient Data	Insufficient Data	2024-05-11	13,965	2023-10-01
							29,000	2023-10-02

 Id:166	0	California	San Luis Obispo	Insufficient Data	Insufficient Data	2024-05-11	39,000	2023-12-05
 Id:1663	0	Ohio	Preble	Insufficient Data	Insufficient Data	2024-05-11	8,400	2023-10-01
 Id:1665	0	Ohio	Richland	Insufficient Data	Insufficient Data	2024-05-11	52,000	2023-10-01
 Id:167	0	California	San Mateo	Insufficient Data	Insufficient Data	2024-05-11	40,000	2022-10-17
 Id:1673	0	Ohio	Sandusky	Insufficient Data	Insufficient Data	2024-05-11	25,000	2023-10-01
 Id:1674	0	Ohio	Scioto	Insufficient Data	Insufficient Data	2024-05-11	20,366	2023-10-02
 Id:1677	0	Ohio	Stark	Insufficient Data	Insufficient Data	2024-05-11	85,000	2023-10-01
 Id:1678-B	2	Ohio	Portage, Summit	Minimal	18.6	2024-05-11	365,000	2023-01-06
 Id:1678-C	1	Ohio	Summit	Minimal	0.0	2024-05-11	363,897	2023-10-01
 Id:1679	0	Ohio	Trumbull	Insufficient Data	Insufficient Data	2024-05-11	54,037	2023-10-01
 Id:168	1	California	San Mateo	Minimal	0.0	2024-05-11	150,000	2022-07-06
 Id:1682	0	Ohio	Tuscarawas	Insufficient Data	Insufficient Data	2024-05-11	13,572	2023-10-01
 Id:1683	1	Ohio	Union	Minimal	0.0	2024-05-11	24,677	2023-10-01
 Id:1688	0	Ohio	Wayne	Insufficient Data	Insufficient Data	2024-05-11	27,000	2023-10-01
 Id:169	3	California	San Mateo	Low	26.53	2024-05-11	28,000	2022-04-27
 Id:1690	0	Ohio	Williams	Insufficient Data	Insufficient Data	2024-05-11	8,655	2023-10-01
 Id:1691	1	Ohio	Wood	Minimal	0.0	2024-05-11	32,000	2023-10-01
 Id:1692	1	Ohio	Wood	Minimal	0.0	2024-05-11	21,000	2023-10-01
 Id:1693	0	Ohio	Wyandot	Insufficient Data	Insufficient Data	2024-05-11	6,700	2023-10-01
 Id:170	3	California	San Mateo	Low	25.93	2024-05-11	199,000	2023-02-21
 Id:1701	0	Oklahoma	Garfield	Insufficient Data	Insufficient Data	2024-05-11	50,350	2023-12-05
 Id:171	4	California	Santa Barbara	Low	32.56	2024-05-11	69,290	2022-08-01
 Id:1716	0	Oregon	Benton	Insufficient Data	Insufficient Data	2024-05-11	58,856	2021-09-26
 Id:1717	0	Oregon	Clackamas	Insufficient Data	Insufficient Data	2024-05-11	14,206	2021-09-29
 Id:172	1	California	Santa Barbara	Minimal	0.0	2024-05-11	77,600	2023-07-10
 Id:1720	0	Oregon	Clatsop	Insufficient Data	Insufficient Data	2024-05-11	11,326	2021-09-30
 Id:1721	0	Oregon	Columbia	Insufficient Data	Insufficient Data	2024-05-11	13,739	2021-09-28
 Id:1722	0	Oregon	Coos	Insufficient Data	Insufficient Data	2024-05-11	9,975	2021-09-24

 Id:1723	0	Oregon	Deschutes	Insufficient Data	Insufficient Data	2024-05-11	92,850	2021-09-26
 Id:1726	0	Oregon	Douglas	Insufficient Data	Insufficient Data	2024-05-11	30,000	2023-09-26
 Id:1728	0	Oregon	Hood River	Insufficient Data	Insufficient Data	2024-05-11	7,800	2021-09-22
 Id:1729	0	Oregon	Jackson	Insufficient Data	Insufficient Data	2024-05-11	21,105	2021-09-27
 Id:173	2	California	Santa Clara	Minimal	13.51	2024-05-11	153,000	2023-02-21
 Id:1730	0	Oregon	Jackson	Insufficient Data	Insufficient Data	2024-05-11	133,708	2021-09-28
 Id:1731	0	Oregon	Josephine	Insufficient Data	Insufficient Data	2024-05-11	37,725	2021-09-23
 Id:1732	0	Oregon	Klamath	Insufficient Data	Insufficient Data	2024-05-11	28,000	2021-09-28
 Id:1733	0	Oregon	Lane	Insufficient Data	Insufficient Data	2024-05-11	8,925	2021-09-29
 Id:1734	0	Oregon	Lane	Insufficient Data	Insufficient Data	2024-05-11	235,155	2021-09-27
 Id:1735	0	Oregon	Lincoln	Insufficient Data	Insufficient Data	2024-05-11	8,865	2021-09-24
 Id:1736	0	Oregon	Lincoln	Insufficient Data	Insufficient Data	2024-05-11	10,400	2021-09-29
 Id:1738	0	Oregon	Linn	Insufficient Data	Insufficient Data	2024-05-11	57,785	2021-09-29
 Id:174	7	California	Santa Clara	Above Average	69.14	2024-05-11	110,338	2023-02-21
 Id:1740	0	Oregon	Marion	Insufficient Data	Insufficient Data	2024-05-11	26,273	2021-09-24
 Id:1741	0	Oregon	Marion	Insufficient Data	Insufficient Data	2024-05-11	229,000	2021-09-24
 Id:1742	0	Oregon	Marion	Insufficient Data	Insufficient Data	2024-05-11	10,520	2021-12-08
 Id:1743	0	Oregon	Marion	Insufficient Data	Insufficient Data	2024-05-11	10,840	2021-09-28
 Id:1744	0	Oregon	Multnomah	Insufficient Data	Insufficient Data	2024-05-11	662,235	2021-10-07
 Id:1745	0	Oregon	Multnomah	Insufficient Data	Insufficient Data	2024-05-11	45,600	2023-09-24
 Id:1746	0	Oregon	Polk	Insufficient Data	Insufficient Data	2024-05-11	16,555	2021-09-27
 Id:1747	0	Oregon	Umatilla	Insufficient Data	Insufficient Data	2024-05-11	18,775	2021-09-29
 Id:1748	0	Oregon	Umatilla	Insufficient Data	Insufficient Data	2024-05-11	17,500	2021-09-20
 Id:175	1	California	Santa Clara	Minimal	8.54	2024-05-11	236,000	2023-02-20
 Id:1752	0	Oregon	Washington	Insufficient Data	Insufficient Data	2024-05-11	220,000	2021-09-29
 Id:1753	0	Oregon	Washington	Insufficient Data	Insufficient Data	2024-05-11	40,000	2021-09-15
 Id:1754	0	Oregon	Washington	Insufficient Data	Insufficient Data	2024-05-11	9,000	2021-09-15
 Id:1755	0	Oregon	Washington	Insufficient Data	Insufficient Data	2024-05-11	40,000	2021-09-15

 Id:1757	0	Oregon	Yamhill	Insufficient Data	Insufficient Data	2024-05-11	34,615	2021-09-19
 Id:176	1	California	Santa Clara	Minimal	8.54	2024-05-11	1,500,000	2023-02-20
 Id:1768	0	Pennsylvania	Butler	Insufficient Data	Insufficient Data	2024-05-11	45,000	2023-11-27
 Id:177	0	California	Santa Cruz	Insufficient Data	Insufficient Data	2024-05-11	164,000	2024-03-10
 Id:1770	0	Pennsylvania	Centre	Insufficient Data	Insufficient Data	2024-05-11	12,000	2022-10-03
 Id:1771	1	Pennsylvania	Centre	Minimal	0.0	2024-05-11	90,000	2022-10-01
 Id:1775	1	Pennsylvania	Dauphin	Minimal	0.0	2024-05-11	125,000	2022-08-02
 Id:1777	0	Pennsylvania	Delaware	Insufficient Data	Insufficient Data	2024-05-11	220,000	2022-10-30
 Id:178	0	California	Santa Cruz	Insufficient Data	Insufficient Data	2024-05-11	160,000	2022-04-03
 Id:179	4	California	Santa Cruz	Low	34.09	2024-05-11	160,000	2022-04-03
 Id:1790	0	Pennsylvania	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	13,000	2023-12-05
 Id:1792	0	Pennsylvania	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	13,000	2023-12-05
 Id:180-A	0	California	Santa Cruz, Monterey	Insufficient Data	Insufficient Data	2024-05-11	60,000	2023-12-18
 Id:180-B	0	California	Santa Cruz	Insufficient Data	Insufficient Data	2024-05-11	60,000	2024-05-01
 Id:181	0	California	Santa Cruz	Insufficient Data	Insufficient Data	2024-05-11	12,000	2024-01-08
 Id:1816	0	South Carolina	Georgetown	Insufficient Data	Insufficient Data	2024-05-11	12,000	2024-01-17
 Id:1819	0	South Carolina	Greenwood	Insufficient Data	Insufficient Data	2024-05-11	12,000	2024-01-10
 Id:182	1	California	Shasta	Minimal	0.0	2024-05-11	60,000	2023-08-21
 Id:1820	0	South Carolina	Greenwood	Insufficient Data	Insufficient Data	2024-05-11	48,000	2024-01-09
 Id:1821	0	South Carolina	Horry	Insufficient Data	Insufficient Data	2024-05-11	12,000	2024-01-02
 Id:1829	0	South Dakota	Beadle	Insufficient Data	Insufficient Data	2024-05-11	14,000	2024-01-10
 Id:183	3	California	Solano	Low	23.64	2024-05-11	121,000	2022-09-20
 Id:1832	6	South Dakota	Yankton	Moderate	51.16	2024-05-11	20,000	2023-04-25
 Id:1833	0	Tennessee	Bradley	Insufficient Data	Insufficient Data	2024-05-11	43,750	2023-12-04
 Id:1834	0	Tennessee	Chester	Insufficient Data	Insufficient Data	2024-05-11	3,710	2024-03-13
 Id:1837	4	Tennessee, Georgia	Catoosa, Walker, Dade, Hamilton	Low	31.71	2024-05-11	400,000	2023-06-12
 Id:1838	0	Tennessee	Shelby	Insufficient Data	Insufficient Data	2024-05-11	300,000	2023-07-30
 Id:184-A	0	California	Sonoma	Insufficient Data	Insufficient Data	2024-05-11	237,800	2024-03-01

 Id:184-B	2	California	Sonoma	Minimal	17.54	2024-05-11	230,000	2022-08-11
 Id:1843	0	Texas	Andrews	Insufficient Data	Insufficient Data	2024-05-11	13,487	2024-03-05
 Id:1847	0	Texas	Cooke	Insufficient Data	Insufficient Data	2024-05-11	17,300	2022-12-22
 Id:1848	2	Texas	Dallas	Minimal	10.26	2024-05-11	200,000	2022-03-07
 Id:185	8	California	Sonoma	Above Average	72.22	2024-05-11	65,000	2022-06-28
 Id:1855	6	Texas	Dallas	Moderate	51.35	2024-05-11	270,000	2023-06-28
 Id:1856	5	Texas	Dallas	Moderate	41.86	2024-05-11	630,000	2023-06-28
 Id:1857-A	0	Texas	Dallas	Insufficient Data	Insufficient Data	2024-05-11	242,000	2024-05-06
 Id:1857-B	4	Texas	Dallas	Low	36.84	2024-05-11	186,000	2022-02-27
 Id:1858	6	Texas	Dallas	Moderate	52.78	2024-05-11	421,700	2023-06-22
 Id:186	1	California	Sonoma	Minimal	0.0	2024-05-11	28,000	2022-12-16
 Id:1866	0	Texas	Galveston	Insufficient Data	Insufficient Data	2024-05-11	15,000	2024-03-13
 Id:1867	0	Texas	Galveston	Insufficient Data	Insufficient Data	2024-05-11	115,000	2024-01-30
 Id:1868	0	Texas	Galveston	Insufficient Data	Insufficient Data	2024-05-11	115,000	2024-01-30
 Id:188	1	California	Stanislaus	Minimal	0.0	2024-05-11	86,000	2022-12-02
 Id:189	1	California	Sutter	Minimal	0.0	2024-05-11	70,000	2023-08-21
 Id:190-A	0	California	Ventura	Insufficient Data	Insufficient Data	2024-05-11	250,000	2023-12-12
 Id:190-C	1	California	Ventura	Minimal	0.0	2024-05-11	250,000	2023-06-26
 Id:1908	0	Texas	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	65,000	2023-02-20
 Id:1909	6	Texas	Montgomery	Moderate	54.35	2024-05-11	70,000	2023-02-20
 Id:191	0	California	Yolo	Insufficient Data	Insufficient Data	2024-05-11	4,006	2022-12-02
 Id:1910	8	Texas	Montgomery	Above Average	77.27	2024-05-11	15,000	2023-02-20
 Id:1911	4	Texas	Randall, Potter	Low	35.85	2024-05-11	140,000	2022-12-04
 Id:1912	7	Texas	Randall, Potter	Above Average	63.64	2024-05-11	60,000	2022-12-07
 Id:1914	0	Texas	Travis	Insufficient Data	Insufficient Data	2024-05-11	539,116	2023-12-11
 Id:1915	0	Texas	Travis	Insufficient Data	Insufficient Data	2024-05-11	529,541	2023-12-12
 Id:1917	0	Texas	Webb	Insufficient Data	Insufficient Data	2024-05-11	30,000	2024-02-05
 Id:1919-A	0	Texas	Webb	Insufficient Data	Insufficient Data	2024-05-11	120,000	2024-02-05
 Id:1919-B	0	Texas	Webb	Insufficient	Insufficient	2024-05-	120,000	2022-12-12

				Data	Data	11			
 Id:192	0	California	Yolo	Insufficient Data	Insufficient Data	2024-05-11	7,286	2022-12-02	
 Id:1921-A	0	Texas	Webb	Insufficient Data	Insufficient Data	2024-05-11	30,000	2024-02-05	
 Id:1921-B	7	Texas	Webb	Above Average	68.29	2024-05-11	140,000	2022-12-12	
 Id:1922	6	Texas	Wichita	Moderate	51.06	2024-05-11	90,000	2022-12-05	
 Id:1935	2	Utah	Salt Lake	Minimal	13.33	2024-05-11	600,000	2022-10-31	
 Id:194	4	California	Yolo	Low	35.14	2024-05-11	59,000	2022-12-02	
 Id:1950	2	Utah	Utah	Minimal	12.12	2024-05-11	115,000	2022-09-19	
 Id:1962	0	Vermont	Bennington	Insufficient Data	Insufficient Data	2024-05-11	20,000	2024-02-06	
 Id:1965	3	Vermont	Chittenden	Low	22.92	2024-05-11	30,000	2023-03-03	
 Id:1966	0	Vermont	Chittenden	Insufficient Data	Insufficient Data	2024-05-11	16,000	2023-03-21	
 Id:1975	3	Vermont	Washington	Low	29.79	2024-05-11	10,100	2023-03-06	
 Id:1976	0	Vermont	Windsor	Insufficient Data	Insufficient Data	2024-05-11	6,000	2024-02-20	
 Id:1978	0	Virginia	Clifton Forge City, Alleghany	Insufficient Data	Insufficient Data	2024-05-11	15,000	2024-03-21	
 Id:1979	0	Virginia	Clifton Forge City, Alleghany	Insufficient Data	Insufficient Data	2024-05-11	4,000	2023-03-14	
 Id:198	0	Colorado	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	345,454	2023-09-07	
 Id:1982	0	Virginia	Fairfax, Alexandria City, Arlington, Falls Church City	Insufficient Data	Insufficient Data	2024-05-11	232,965	2023-03-27	
 Id:1983	0	Virginia	Carroll	Insufficient Data	Insufficient Data	2024-05-11	3,000	2022-12-12	
 Id:1985	0	Virginia	Prince William, Fairfax, Fauquier, Loudoun, Fairfax City, Manassas City, Manassas Park City	Insufficient Data	Insufficient Data	2024-05-11	350,000	2023-03-13	
 Id:1986	0	Virginia	Franklin	Insufficient Data	Insufficient Data	2024-05-11	5,000	2023-03-13	
 Id:1987	0	Virginia	Frederick, Winchester City	Insufficient Data	Insufficient Data	2024-05-11	60,000	2023-11-21	
 Id:1988	0	Virginia	Frederick	Insufficient Data	Insufficient Data	2024-05-11	16,563	2023-03-20	
 Id:199	0	Colorado	Denver	Insufficient Data	Insufficient Data	2024-05-11	709,904	2023-09-07	
 Id:1990	0	Virginia	Halifax	Insufficient Data	Insufficient Data	2024-05-11	4,600	2023-03-27	
 Id:1992	0	Virginia	Henrico	Insufficient Data	Insufficient Data	2024-05-11	330,000	2023-03-19	
 Id:1993	0	Virginia	Martinsville City, Henry	Insufficient Data	Insufficient Data	2024-05-11	63,000	2024-02-12	
 Id:1994	0	Virginia	Newport News City, York, New	Insufficient Data	Insufficient Data	2024-05-11	69,059	2023-03-13	

				Kent, Williamsburg City, James City					
● Id:1995	0	Virginia	Loudoun	Insufficient Data	Insufficient Data	2024-05-11	300,000	2023-03-12	
● Id:1998	0	Virginia	Montgomery	Insufficient Data	Insufficient Data	2024-05-11	52,500	2023-03-13	
● Id:2	0	Alabama	Colbert	Insufficient Data	Insufficient Data	2024-05-11	18,000	2023-12-04	
● Id:2001	0	Virginia	Prince William, Fairfax	Insufficient Data	Insufficient Data	2024-05-11	165,901	2023-03-13	
● Id:2002	0	Virginia	Radford, Montgomery, Pulaski	Insufficient Data	Insufficient Data	2024-05-11	70,000	2023-03-13	
● Id:2003	0	Virginia	Harrisonburg City, Rockingham	Insufficient Data	Insufficient Data	2024-05-11	81,000	2023-03-13	
● Id:2004	0	Virginia	Russell	Insufficient Data	Insufficient Data	2024-05-11	3,100	2023-03-14	
● Id:2005-B	0	Virginia	Stafford	Insufficient Data	Insufficient Data	2024-05-11	100,000	2023-03-01	
● Id:2005-C	0	Virginia	Stafford, Prince William	Insufficient Data	Insufficient Data	2024-05-11	92,000	2023-03-13	
● Id:2006-B	0	Virginia	Stafford	Insufficient Data	Insufficient Data	2024-05-11	50,000	2023-03-01	
● Id:2006-C	0	Virginia	Stafford	Insufficient Data	Insufficient Data	2024-05-11	44,000	2023-03-13	
● Id:2008	0	Virginia	Tazewell	Insufficient Data	Insufficient Data	2024-05-11	4,600	2023-03-13	
● Id:2009	0	Virginia	Washington	Insufficient Data	Insufficient Data	2024-05-11	7,300	2023-03-13	
● Id:201	0	Colorado	Alamosa	Insufficient Data	Insufficient Data	2024-05-11	18,364	2023-09-05	
● Id:2012	0	Virginia	Norton City, Wise	Insufficient Data	Insufficient Data	2024-05-11	14,000	2023-03-13	
● Id:2014	0	Virginia	Hampton City, Newport News City, York, Gloucester, Mathews, Poquoson City	Insufficient Data	Insufficient Data	2024-05-11	99,112	2023-03-13	
● Id:2015	0	Virginia	Fairfax, Alexandria City	Insufficient Data	Insufficient Data	2024-05-11	300,000	2023-03-13	
● Id:2016	0	Virginia	Albemarle, Charlottesville City	Insufficient Data	Insufficient Data	2024-05-11	118,266	2023-03-20	
● Id:2019	0	Virginia	Bedford City, Lynchburg City, Amherst, Bedford, Campbell	Insufficient Data	Insufficient Data	2024-05-11	220,000	2023-03-19	
● Id:2020	0	Virginia	Hampton City, Newport News City	Insufficient Data	Insufficient Data	2024-05-11	118,497	2023-03-13	
● Id:2021	0	Virginia	Hampton City, Newport News City, York, James City	Insufficient Data	Insufficient Data	2024-05-11	141,543	2023-03-13	
● Id:2022	0	Virginia	Virginia Beach City, Norfolk City, Portsmouth City, Chesapeake City	Insufficient Data	Insufficient Data	2024-05-11	192,347	2023-03-13	

● Id:2023	0	Virginia	Norfolk City	Insufficient Data	Insufficient Data	2024-05-11	78,322	2023-03-13
● Id:2025	0	Virginia	Petersburg City	Insufficient Data	Insufficient Data	2024-05-11	33,458	2023-11-15
● Id:2026	0	Virginia	Henrico, Richmond City, Goochland	Insufficient Data	Insufficient Data	2024-05-11	225,000	2023-03-13
● Id:2027	0	Virginia	Bedford City, Botetourt, Roanoke, Bland, Salem, Roanoke City, Bedford	Insufficient Data	Insufficient Data	2024-05-11	300,000	2023-03-13
● Id:2028	0	Virginia	Portsmouth City, Isle Of Wight, Chesapeake City, Suffolk City	Insufficient Data	Insufficient Data	2024-05-11	197,608	2023-03-13
● Id:2030	0	Virginia	Virginia Beach City, Chesapeake City	Insufficient Data	Insufficient Data	2024-05-11	530,848	2023-03-13
● Id:2033	0	Washington	Benton	Insufficient Data	Insufficient Data	2024-05-11	15,000	2023-12-26
● Id:2035	1	Washington	Chelan	Minimal	0.0	2024-05-11	35,550	2023-03-21
● Id:2037	0	Washington	Clark	Insufficient Data	Insufficient Data	2024-05-11	162,100	2023-12-11
● Id:2038	0	Washington	Clark	Insufficient Data	Insufficient Data	2024-05-11	120,000	2023-12-19
● Id:2039	0	Washington	Clark	Insufficient Data	Insufficient Data	2024-05-11	81,140	2023-12-11
● Id:2040	0	Washington	Franklin	Insufficient Data	Insufficient Data	2024-05-11	73,000	2023-12-13
● Id:2041	0	Washington	Grant	Insufficient Data	Insufficient Data	2024-05-11	8,475	2023-12-20
● Id:2042	0	Washington	Island	Insufficient Data	Insufficient Data	2024-05-11	24,180	2023-12-22
● Id:2044	0	Washington	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	10,000	2023-08-30
● Id:2045	0	Washington	King, Pierce	Insufficient Data	Insufficient Data	2024-05-11	896,000	2023-12-13
● Id:2046	0	Washington	King, Snohomish	Insufficient Data	Insufficient Data	2024-05-11	789,000	2023-11-28
● Id:2047	0	Washington	Kittitas	Insufficient Data	Insufficient Data	2024-05-11	21,761	2023-11-16
● Id:205	0	Colorado	Boulder	Insufficient Data	Insufficient Data	2024-05-11	89,383	2023-10-03
● Id:2052	0	Washington	Pierce	Insufficient Data	Insufficient Data	2024-05-11	295,855	2023-12-27
● Id:2053	0	Washington	Pierce	Insufficient Data	Insufficient Data	2024-05-11	43,000	2023-11-24
● Id:2054	0	Washington	Skagit	Insufficient Data	Insufficient Data	2024-05-11	17,000	2023-11-07
● Id:2055	0	Washington	Skagit	Insufficient Data	Insufficient Data	2024-05-11	35,600	2023-12-26
● Id:2056	0	Washington	Snohomish	Insufficient Data	Insufficient Data	2024-05-11	37,650	2023-09-26
● Id:2057	0	Washington	Snohomish	Insufficient Data	Insufficient Data	2024-05-11	20,000	2023-12-26
● Id:2058	0	Washington	King, Snohomish	Insufficient	Insufficient	2024-05-	288,000	2023-10-04

				Data	Data	11		
● Id:2059	0	Washington	Snohomish	Insufficient Data	Insufficient Data	2024-05-11	173,800	2023-12-18
● Id:2060	0	Washington	Island, Snohomish	Insufficient Data	Insufficient Data	2024-05-11	7,125	2023-12-18
● Id:2061	0	Washington	Snohomish	Insufficient Data	Insufficient Data	2024-05-11	10,150	2023-10-18
● Id:2062	0	Washington	Spokane	Insufficient Data	Insufficient Data	2024-05-11	225,000	2023-12-15
● Id:2063	0	Washington	Spokane	Insufficient Data	Insufficient Data	2024-05-11	120,000	2023-11-13
● Id:2064	0	Washington	Thurston	Insufficient Data	Insufficient Data	2024-05-11	119,790	2023-11-15
● Id:2065	0	Washington	Walla Walla	Insufficient Data	Insufficient Data	2024-05-11	33,000	2023-11-30
● Id:2066	0	Washington	Whatcom	Insufficient Data	Insufficient Data	2024-05-11	16,150	2023-12-12
● Id:2067	0	Washington	Whitman	Insufficient Data	Insufficient Data	2024-05-11	35,812	2023-12-08
● Id:2068	0	Washington	Yakima	Insufficient Data	Insufficient Data	2024-05-11	117,072	2023-09-28
● Id:2069	0	West Virginia	Boone	Insufficient Data	Insufficient Data	2024-05-11	4,555	2023-12-17
● Id:2075	0	West Virginia	Doddridge	Insufficient Data	Insufficient Data	2024-05-11	564	2024-02-11
● Id:2076	0	West Virginia	Fayette	Insufficient Data	Insufficient Data	2024-05-11	2,626	2024-02-04
● Id:2077	0	West Virginia	Harrison	Insufficient Data	Insufficient Data	2024-05-11	26,498	2023-12-17
● Id:2078	0	West Virginia	Harrison	Insufficient Data	Insufficient Data	2024-05-11	1,853	2023-12-17
● Id:2079	0	West Virginia	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	17,000	2023-12-11
● Id:2084	0	West Virginia	Marion	Insufficient Data	Insufficient Data	2024-05-11	1,091	2023-12-17
● Id:2085	0	West Virginia	Marion	Insufficient Data	Insufficient Data	2024-05-11	610	2023-12-17
● Id:2086	0	West Virginia	Marshall	Insufficient Data	Insufficient Data	2024-05-11	12,000	2023-12-17
● Id:2087-B	3	West Virginia	Ohio	Low	21.28	2024-05-11	100,000	2023-04-10
● Id:2087-C	0	West Virginia	Ohio	Insufficient Data	Insufficient Data	2024-05-11	50,000	2023-12-11
● Id:2088	0	West Virginia	Mason	Insufficient Data	Insufficient Data	2024-05-11	5,515	2023-12-17
● Id:2090	0	West Virginia	Mercer	Insufficient Data	Insufficient Data	2024-05-11	36,000	2023-12-06
● Id:2091	0	West Virginia	Mineral	Insufficient Data	Insufficient Data	2024-05-11	8,168	2023-12-17
● Id:2092	0	West Virginia	Monongalia	Insufficient Data	Insufficient Data	2024-05-11	2,000	2023-12-17
● Id:2093	0	West Virginia	Monongalia	Insufficient Data	Insufficient Data	2024-05-11	48,328	2023-12-10
● Id:2095	0	West Virginia	Pleasants	Insufficient Data	Insufficient Data	2024-05-11	2,892	2023-12-17
● Id:2096	0	West Virginia	Preston	Insufficient Data	Insufficient Data	2024-05-11	700	2024-01-02

 Id:2100	0	West Virginia	Randolph	Insufficient Data	Insufficient Data	2024-05-11	2,101	2023-12-17
 Id:2101	0	West Virginia	Randolph	Insufficient Data	Insufficient Data	2024-05-11	13,156	2023-12-17
 Id:2102	0	West Virginia	Taylor	Insufficient Data	Insufficient Data	2024-05-11	6,071	2023-12-17
 Id:2103	0	West Virginia	Wood	Insufficient Data	Insufficient Data	2024-05-11	48,050	2023-12-04
 Id:2108	0	Wisconsin	Kewaunee, Brown	Insufficient Data	Insufficient Data	2024-05-11	189,000	2022-10-25
 Id:2113-A	0	Wisconsin	Dane	Insufficient Data	Insufficient Data	2024-05-11	424,000	2024-01-09
 Id:2113-C	1	Wisconsin	Dane	Minimal	0.0	2024-05-11	391,815	2022-08-01
 Id:2122	0	Wisconsin	Douglas	Insufficient Data	Insufficient Data	2024-05-11	28,000	2022-09-11
 Id:2124	0	Wisconsin	Chippewa, Eau Claire	Insufficient Data	Insufficient Data	2024-05-11	77,714	2022-09-08
 Id:2125	0	Wisconsin	Fond Du Lac	Insufficient Data	Insufficient Data	2024-05-11	65,000	2023-10-03
 Id:2129	0	Wisconsin	Jackson	Insufficient Data	Insufficient Data	2024-05-11	5,000	2022-12-19
 Id:2132	0	Wisconsin	Kenosha	Insufficient Data	Insufficient Data	2024-05-11	122,000	2022-09-08
 Id:2133	0	Wisconsin	La Crosse	Insufficient Data	Insufficient Data	2024-05-11	85,000	2022-09-12
 Id:2138-B	0	Wisconsin	Marathon	Insufficient Data	Insufficient Data	2024-05-11	44,000	2023-06-17
 Id:2138-C	0	Wisconsin	Marathon	Insufficient Data	Insufficient Data	2024-05-11	42,350	2023-07-31
 Id:214	4	Colorado	Douglas	Low	30.61	2024-05-11	35,000	2022-05-16
 Id:2140	0	Wisconsin	Marinette	Insufficient Data	Insufficient Data	2024-05-11	3,500	2023-10-29
 Id:2141	0	Wisconsin	Milwaukee, Ozaukee	Insufficient Data	Insufficient Data	2024-05-11	470,007	2022-10-26
 Id:2142	0	Wisconsin	Milwaukee, Ozaukee, Racine, Waukesha, Washington	Insufficient Data	Insufficient Data	2024-05-11	615,934	2023-08-02
 Id:215	0	Colorado	Douglas	Insufficient Data	Insufficient Data	2024-05-11	25,000	2022-05-16
 Id:2154	0	Wisconsin	Racine	Insufficient Data	Insufficient Data	2024-05-11	139,000	2023-08-02
 Id:2156	0	Wisconsin	Rock	Insufficient Data	Insufficient Data	2024-05-11	63,500	2022-09-09
 Id:2157	1	Wisconsin	Saint Croix	Minimal	0.0	2024-05-11	19,680	2022-11-10
 Id:2162	0	Wisconsin	Sheboygan	Insufficient Data	Insufficient Data	2024-05-11	70,000	2023-07-31
 Id:2164	0	Wisconsin	Vernon	Insufficient Data	Insufficient Data	2024-05-11	4,400	2024-01-30
 Id:2167	0	Wisconsin	Walworth	Insufficient Data	Insufficient Data	2024-05-11	30,000	2023-07-31
 Id:2174	1	Wisconsin	Waupaca	Minimal	0.0	2024-05-11	4,500	2023-07-31
 Id:2177	0	Wisconsin	Winnebago	Insufficient	Insufficient	2024-05-	78,300	2022-09-12

				Data	Data	11		
 Id:2178	0	Wisconsin	Marathon, Wood	Insufficient Data	Insufficient Data	2024-05-11	19,300	2022-10-03
 Id:2182	0	Wyoming	Sheridan	Insufficient Data	Insufficient Data	2024-05-11	18,000	2023-11-28
 Id:2184	0	Wyoming	Teton	Insufficient Data	Insufficient Data	2024-05-11	13,000	2023-11-13
 Id:2199	0	California	Nevada	Insufficient Data	Insufficient Data	2024-05-11	13,754	2024-04-23
 Id:2210	0	Kentucky	Kenton	Insufficient Data	Insufficient Data	2024-05-11	212,000	2024-04-29
 Id:2211	1	Kansas	Johnson	Minimal	0.0	2024-05-11	42,235	2023-09-17
 Id:223	0	Colorado	El Paso	Insufficient Data	Insufficient Data	2024-05-11	102,204	2023-09-07
 Id:224	0	Colorado	El Paso	Insufficient Data	Insufficient Data	2024-05-11	303,855	2023-09-05
 Id:229	0	Colorado	Garfield	Insufficient Data	Insufficient Data	2024-05-11	16,714	2023-09-05
 Id:232	0	Colorado	La Plata	Insufficient Data	Insufficient Data	2024-05-11	23,429	2023-09-05
 Id:238	0	Colorado	Larimer	Insufficient Data	Insufficient Data	2024-05-11	23,194	2023-09-05
 Id:242	0	Colorado	Mesa	Insufficient Data	Insufficient Data	2024-05-11	89,286	2023-09-05
 Id:244	0	Colorado	Montrose	Insufficient Data	Insufficient Data	2024-05-11	30,857	2023-09-05
 Id:252	0	Colorado	Pueblo	Insufficient Data	Insufficient Data	2024-05-11	96,515	2023-09-04
 Id:268	0	Connecticut	Fairfield	Insufficient Data	Insufficient Data	2024-05-11	140,000	2023-11-01
 Id:270	0	Connecticut	Fairfield	Insufficient Data	Insufficient Data	2024-05-11	45,878	2023-11-19
 Id:271	0	Connecticut	Fairfield	Insufficient Data	Insufficient Data	2024-05-11	72,914	2024-04-09
 Id:272	0	Connecticut	Fairfield	Insufficient Data	Insufficient Data	2024-05-11	52,268	2024-02-06
 Id:278	0	Connecticut	New London	Insufficient Data	Insufficient Data	2024-05-11	41,000	2024-02-13
 Id:281	0	Delaware	New Castle	Insufficient Data	Insufficient Data	2024-05-11	17,145	2023-06-04
 Id:283	0	Delaware	New Castle	Insufficient Data	Insufficient Data	2024-05-11	539,000	2023-06-04
 Id:284	0	Delaware	Sussex	Insufficient Data	Insufficient Data	2024-05-11	7,000	2023-06-05
 Id:286	0	Delaware	Kent	Insufficient Data	Insufficient Data	2024-05-11	130,000	2023-06-04
 Id:287	0	Delaware	Sussex	Insufficient Data	Insufficient Data	2024-05-11	4,392	2023-06-05
 Id:288	0	Delaware	Sussex	Insufficient Data	Insufficient Data	2024-05-11	4,050	2023-06-04
 Id:289	0	Delaware	Sussex	Insufficient Data	Insufficient Data	2024-05-11	75,000	2023-06-04
 Id:290-B	0	Delaware	Sussex	Insufficient Data	Insufficient Data	2024-05-11	13,172	2023-02-08
 Id:290-C	0	Delaware	Sussex	Insufficient Data	Insufficient Data	2024-05-11	7,000	2023-06-04

 Id:300	0	District of Columbia, Virginia, Maryland	Fairfax, Prince Georges, District Of Columbia, Loudoun	Insufficient Data	Insufficient Data	2024-05-11	2,000,000	2023-11-13
 Id:301	0	Florida	Alachua	Insufficient Data	Insufficient Data	2024-05-11	100,000	2023-10-04
 Id:302	0	Florida	Alachua	Insufficient Data	Insufficient Data	2024-05-11	100,000	2023-10-04
 Id:303	0	Florida	Duval	Insufficient Data	Insufficient Data	2024-05-11	14,000	2024-02-11
 Id:304	0	Florida	Escambia	Insufficient Data	Insufficient Data	2024-05-11	207,000	2023-11-27
 Id:305	0	Florida	Hillsborough	Insufficient Data	Insufficient Data	2024-05-11	180,000	2024-02-13
 Id:306	0	Florida	Lee	Insufficient Data	Insufficient Data	2024-05-11	76,800	2024-02-11
 Id:307-B	2	Florida	Leon	Minimal	12.5	2024-05-11	212,065	2023-07-11
 Id:307-C	0	Florida	Leon	Insufficient Data	Insufficient Data	2024-05-11	212,065	2024-01-15
 Id:308-A	0	Florida	Miami-Dade	Insufficient Data	Insufficient Data	2024-05-11	750,000	2024-05-05
 Id:308-B	4	Florida	Miami-Dade	Low	38.46	2024-05-11	829,725	2023-01-22
 Id:309-A	0	Indiana	Miami	Insufficient Data	Insufficient Data	2024-05-11	43,023	2024-04-29
 Id:309-B	3	Florida	Miami-Dade	Low	26.0	2024-05-11	776,150	2023-01-16
 Id:312-A	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	80,000	2024-01-16
 Id:312-B	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	50,000	2022-10-27
 Id:312-C	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	50,000	2023-09-30
 Id:313-A	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	277,823	2024-01-07
 Id:313-B	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	195,299	2022-04-03
 Id:313-C	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	277,823	2023-10-07
 Id:314-A	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	59,587	2024-01-07
 Id:314-B	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	66,690	2022-04-03
 Id:314-C	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	59,587	2023-06-25
 Id:315-A	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	463,672	2024-01-07
 Id:315-B	3	Florida	Orange	Low	28.21	2024-05-11	183,009	2022-04-03
 Id:315-C	0	Florida	Orange	Insufficient Data	Insufficient Data	2024-05-11	463,672	2023-09-30
 Id:316-A	0	Florida	Martin, Palm Beach	Insufficient Data	Insufficient Data	2024-05-11	100,000	2024-01-29
 Id:316-B	2	Florida	Palm Beach	Minimal	15.22	2024-05-11	90,000	2022-09-14
 Id:316-C	0	Florida	Palm Beach	Insufficient	Insufficient	2024-05-	300,000	2023-10-04

					Data	Data	11		
 Id:317	0	Florida	Pinellas		Insufficient Data	Insufficient Data	2024-05-11	103,000	2024-02-12
 Id:318	3	Florida	Pinellas		Low	21.43	2024-05-11	89,847	2023-08-07
 Id:319	7	Florida	Pinellas		Above Average	67.57	2024-05-11	94,218	2023-08-07
 Id:320	0	Florida	Pinellas		Insufficient Data	Insufficient Data	2024-05-11	47,790	2023-08-07
 Id:321	0	Florida	Pinellas		Insufficient Data	Insufficient Data	2024-05-11	220,000	2024-02-20
 Id:322	0	Florida	Sarasota		Insufficient Data	Insufficient Data	2024-05-11	100,000	2024-03-12
 Id:324-A	0	Florida	Orange, Seminole		Insufficient Data	Insufficient Data	2024-05-11	95,000	2024-01-08
 Id:324-B	0	Florida	Seminole		Insufficient Data	Insufficient Data	2024-05-11	95,000	2022-10-24
 Id:324-C	0	Florida	Orange, Seminole		Insufficient Data	Insufficient Data	2024-05-11	51,000	2024-02-12
 Id:326	0	Georgia	Fulton		Insufficient Data	Insufficient Data	2024-05-11	12,818	2022-06-27
 Id:336	0	Georgia	Fulton		Insufficient Data	Insufficient Data	2024-05-11	84,486	2022-06-26
 Id:337	0	Georgia	Fulton		Insufficient Data	Insufficient Data	2024-05-11	189,593	2022-06-26
 Id:338	0	Georgia	Fulton		Insufficient Data	Insufficient Data	2024-05-11	73,821	2022-06-26
 Id:339	0	Georgia	Fulton		Insufficient Data	Insufficient Data	2024-05-11	294,660	2022-10-30
 Id:340	0	Georgia	Fulton		Insufficient Data	Insufficient Data	2024-05-11	105,160	2022-10-30
 Id:341	0	Georgia	Fulton		Insufficient Data	Insufficient Data	2024-05-11	70,887	2022-10-30
 Id:346	1	Georgia	Muscogee, Chattahoochee		Minimal	0.0	2024-05-11	278,000	2022-08-15
 Id:357	0	Hawaii	Hawaii		Insufficient Data	Insufficient Data	2024-05-11	32,604	2023-11-20
 Id:358-A	0	Hawaii	Honolulu		Insufficient Data	Insufficient Data	2024-05-11	101,000	2024-02-12
 Id:358-B	0	Hawaii	Honolulu		Insufficient Data	Insufficient Data	2024-05-11	90,000	2023-06-26
 Id:359-A	0	Hawaii	Honolulu		Insufficient Data	Insufficient Data	2024-05-11	340,000	2024-02-12
 Id:359-B	0	Hawaii	Honolulu		Insufficient Data	Insufficient Data	2024-05-11	300,000	2023-06-26
 Id:36	0	Arizona	Yuma		Insufficient Data	Insufficient Data	2024-05-11	10,873	2023-10-16
 Id:360-A	0	Hawaii	Honolulu		Insufficient Data	Insufficient Data	2024-05-11	400,000	2024-02-12
 Id:360-B	2	Hawaii	Honolulu		Minimal	12.24	2024-05-11	390,000	2023-06-26
 Id:361-A	0	Hawaii	Honolulu		Insufficient Data	Insufficient Data	2024-05-11	47,000	2024-02-12
 Id:361-B	2	Hawaii	Honolulu		Minimal	13.46	2024-05-11	44,000	2023-06-26
 Id:362-A	0	Hawaii	Honolulu		Insufficient Data	Insufficient Data	2024-05-11	19,000	2024-02-12

 Id:362-B	5	Hawaii	Honolulu	Moderate	47.06	2024-05-11	18,000	2023-06-26
 Id:367	0	Hawaii	Maui	Insufficient Data	Insufficient Data	2024-05-11	46,800	2024-02-27
 Id:369	0	Hawaii	Maui	Insufficient Data	Insufficient Data	2024-05-11	58,900	2024-02-27
 Id:373	5	Idaho	Ada	Moderate	48.84	2024-05-11	108,556	2023-01-16
 Id:374	0	Idaho	Ada	Insufficient Data	Insufficient Data	2024-05-11	186,901	2023-01-16
 Id:376	0	Idaho	Bingham	Insufficient Data	Insufficient Data	2024-05-11	14,045	2023-08-21
 Id:377	0	Idaho	Blaine	Insufficient Data	Insufficient Data	2024-05-11	5,338	2023-08-20
 Id:386	0	Idaho	Kootenai	Insufficient Data	Insufficient Data	2024-05-11	50,540	2022-03-02
 Id:4	1	Alabama	Jefferson	Minimal	0.0	2024-05-11	30,000	2022-08-12
 Id:400	1	Illinois	Adams	Minimal	0.0	2024-05-11	50,695	2022-10-06
 Id:401	1	Illinois	Boone	Minimal	0.0	2024-05-11	25,134	2022-10-10
 Id:405	0	Illinois	Bureau	Insufficient Data	Insufficient Data	2024-05-11	7,555	2022-10-06
 Id:406	1	Illinois	Bureau	Minimal	0.0	2024-05-11	5,400	2022-10-06
 Id:407	0	Illinois	Carroll	Insufficient Data	Insufficient Data	2024-05-11	5,615	2022-10-06
 Id:408	1	Illinois	Cass	Minimal	0.0	2024-05-11	5,446	2022-10-11
 Id:409	1	Illinois	Champaign	Minimal	0.0	2024-05-11	91,041	2022-10-05
 Id:410	1	Illinois	Champaign	Minimal	0.0	2024-05-11	52,000	2023-06-28
 Id:411	1	Illinois	Christian	Minimal	0.0	2024-05-11	12,663	2022-10-10
 Id:413	1	Illinois	Cook	Minimal	0.0	2024-05-11	1,134,897	2022-10-06
 Id:414	1	Illinois	Cook	Minimal	0.0	2024-05-11	23,475	2022-10-10
 Id:415	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	3,816	2022-10-10
 Id:416	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	125,995	2023-05-03
 Id:417	1	Illinois	Cook	Minimal	0.0	2024-05-11	110,394	2022-10-11
 Id:418	1	Illinois	Cook	Minimal	0.0	2024-05-11	13,098	2022-10-07
 Id:419	1	Illinois	Cook	Minimal	0.0	2024-05-11	1,263,110	2022-10-06
 Id:420	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	23,324	2022-10-13
 Id:421	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	721,207	2023-05-04
 Id:422	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	54,362	2022-10-13

 Id:423	1	Illinois	Cook	Minimal	0.0	2024-05-11	1,127,737	2022-10-06
 Id:424	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	83,455	2022-10-10
 Id:425	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	77,799	2022-10-10
 Id:426	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	24,099	2022-10-13
 Id:427	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	29,370	2022-10-10
 Id:428	0	Illinois	Cook	Insufficient Data	Insufficient Data	2024-05-11	467,536	2023-05-08
 Id:429	1	Illinois	Cook	Minimal	0.0	2024-05-11	1,127,736	2022-10-06
 Id:430	1	Illinois	Cook	Minimal	0.0	2024-05-11	217,106	2022-10-06
 Id:431	1	Illinois	Cook	Minimal	0.0	2024-05-11	270,647	2022-10-06
 Id:432	1	Illinois	De Kalb	Minimal	0.0	2024-05-11	45,000	2022-10-12
 Id:433	1	Illinois	Du Page	Minimal	0.0	2024-05-11	40,438	2022-10-12
 Id:434	1	Illinois	Du Page	Minimal	0.0	2024-05-11	59,805	2022-10-06
 Id:435	1	Illinois	Du Page	Minimal	0.0	2024-05-11	65,000	2022-10-09
 Id:436	1	Illinois	Du Page	Minimal	0.0	2024-05-11	76,324	2022-10-06
 Id:437	1	Illinois	Du Page	Minimal	0.0	2024-05-11	45,000	2022-10-17
 Id:438-B	2	Illinois	Du Page	Minimal	18.37	2024-05-11	86,000	2022-08-04
 Id:438-C	1	Illinois	Du Page	Minimal	0.0	2024-05-11	83,772	2022-10-06
 Id:439	1	Illinois	Du Page	Minimal	0.0	2024-05-11	164,781	2022-10-10
 Id:440	6	Illinois	Du Page	Moderate	57.5	2024-05-11	18,800	2022-10-06
 Id:441	2	Illinois	Du Page	Minimal	13.04	2024-05-11	63,000	2022-09-14
 Id:442	0	Illinois	Effingham	Insufficient Data	Insufficient Data	2024-05-11	12,384	2022-10-10
 Id:443	1	Illinois	Fulton	Minimal	0.0	2024-05-11	13,506	2022-10-10
 Id:444	0	Illinois	Greene	Insufficient Data	Insufficient Data	2024-05-11	3,064	2022-10-06
 Id:445	0	Illinois	Iroquois	Insufficient Data	Insufficient Data	2024-05-11	4,700	2023-01-03
 Id:447	1	Illinois	Jo Daviess	Minimal	0.0	2024-05-11	3,460	2022-10-12
 Id:448	1	Illinois	Kane	Minimal	0.0	2024-05-11	11,290	2022-10-10
 Id:449	0	Illinois	Kankakee	Insufficient Data	Insufficient Data	2024-05-11	56,317	2022-10-10
 Id:450	0	Illinois	Kendall	Insufficient Data	Insufficient Data	2024-05-11	8,400	2023-07-25
 Id:451	1	Illinois	Kendall	Minimal	0.0	2024-05-	13,477	2022-10-05

 Id:452	1	Illinois	Knox	Minimal	0.0	11 2024-05-11	39,153	2022-10-06
 Id:453	1	Illinois	Lake	Minimal	0.0	2024-05-11	80,000	2022-10-10
 Id:454	1	Illinois	Lake	Minimal	0.0	2024-05-11	55,735	2022-10-05
 Id:455	1	Illinois	Lake	Minimal	0.0	2024-05-11	105,208	2022-10-05
 Id:456	1	Illinois	Lake	Minimal	0.0	2024-05-11	126,629	2022-10-05
 Id:457	1	Illinois	La Salle	Minimal	0.0	2024-05-11	18,768	2022-10-09
 Id:458	0	Illinois	Lawrence	Insufficient Data	Insufficient Data	2024-05-11	4,399	2022-10-04
 Id:459	1	Illinois	Lee	Minimal	0.0	2024-05-11	15,115	2022-10-10
 Id:460	0	Illinois	Mcdonough	Insufficient Data	Insufficient Data	2024-05-11	15,052	2022-10-11
 Id:461	0	Illinois	Mchenry	Insufficient Data	Insufficient Data	2024-05-11	36,552	2022-10-05
 Id:462	0	Illinois	Mchenry	Insufficient Data	Insufficient Data	2024-05-11	4,288	2022-10-05
 Id:463	1	Illinois	Mchenry	Minimal	0.0	2024-05-11	15,360	2022-10-06
 Id:464	1	Illinois	Mchenry	Minimal	0.0	2024-05-11	10,240	2022-10-06
 Id:465	1	Illinois	Mchenry	Minimal	0.0	2024-05-11	15,947	2022-10-11
 Id:466	1	Illinois	Mclean	Minimal	0.0	2024-05-11	42,000	2022-10-10
 Id:467	1	Illinois	Mclean	Minimal	0.0	2024-05-11	44,238	2022-10-10
 Id:468	1	Illinois	Mclean	Minimal	0.0	2024-05-11	44,237	2022-10-10
 Id:470	1	Illinois	Macon	Minimal	0.0	2024-05-11	88,500	2022-10-10
 Id:471	0	Illinois	Macoupin	Insufficient Data	Insufficient Data	2024-05-11	4,480	2022-10-10
 Id:472	1	Illinois	Madison	Minimal	0.0	2024-05-11	26,000	2022-12-12
 Id:476	1	Illinois	Morgan	Minimal	0.0	2024-05-11	23,818	2022-10-05
 Id:477	1	Illinois	Peoria	Minimal	0.0	2024-05-11	131,000	2022-10-10
 Id:478	0	Illinois	Perry	Insufficient Data	Insufficient Data	2024-05-11	6,448	2022-10-10
 Id:480	0	Illinois	Randolph	Insufficient Data	Insufficient Data	2024-05-11	6,814	2024-02-27
 Id:482	1	Illinois	Rock Island	Minimal	0.0	2024-05-11	25,202	2022-10-10
 Id:483	1	Illinois	Rock Island	Minimal	0.0	2024-05-11	43,768	2022-10-10
 Id:484	0	Illinois	Saint Clair	Insufficient Data	Insufficient Data	2024-05-11	26,150	2022-10-11
 Id:485	1	Illinois	Saint Clair	Minimal	0.0	2024-05-11	26,150	2022-10-11

 Id:486	1	Illinois	Saint Clair	Minimal	0.0	2024-05-11	32,289	2022-10-06
 Id:487	0	Illinois	Saint Clair	Insufficient Data	Insufficient Data	2024-05-11	85,593	2022-10-06
 Id:488	0	Illinois	Sangamon	Insufficient Data	Insufficient Data	2024-05-11	102,000	2023-02-14
 Id:489	0	Illinois	Sangamon	Insufficient Data	Insufficient Data	2024-05-11	50,000	2023-02-14
 Id:490	1	Illinois	Shelby	Minimal	0.0	2024-05-11	5,329	2022-10-06
 Id:491	1	Illinois	Stephenson	Minimal	0.0	2024-05-11	23,650	2022-10-12
 Id:492	0	Illinois	Tazewell	Insufficient Data	Insufficient Data	2024-05-11	32,540	2022-10-12
 Id:494	1	Illinois	Vermilion	Minimal	0.0	2024-05-11	30,479	2022-10-06
 Id:495	1	Illinois	Warren	Minimal	0.0	2024-05-11	10,836	2022-10-09
 Id:496	0	Illinois	Washington	Insufficient Data	Insufficient Data	2024-05-11	3,425	2022-10-26
 Id:497	1	Illinois	Whiteside	Minimal	0.0	2024-05-11	18,678	2022-10-10
 Id:498	1	Illinois	Will	Minimal	0.0	2024-05-11	50,458	2022-10-10
 Id:499	1	Illinois	Winnebago	Minimal	0.0	2024-05-11	353,599	2022-10-11
 Id:5	1	Alabama	Jefferson	Minimal	0.0	2024-05-11	77,000	2022-08-22
 Id:505	2	Indiana	Clark	Minimal	17.07	2024-05-11	25,000	2022-10-26
 Id:506	3	Indiana	Clark	Low	28.26	2024-05-11	25,000	2022-10-26
 Id:510	2	Indiana	Hamilton	Minimal	19.15	2024-05-11	86,000	2023-05-01
 Id:52	0	Arizona	Yuma	Insufficient Data	Insufficient Data	2024-05-11	18,039	2023-10-16
 Id:523	0	Indiana	Monroe	Insufficient Data	Insufficient Data	2024-05-11	56,090	2022-08-15
 Id:529	2	Indiana	St Joseph	Minimal	15.56	2024-05-11	130,000	2022-09-11
 Id:533	0	Iowa	Clinton	Insufficient Data	Insufficient Data	2024-05-11	29,300	2023-01-16
 Id:535	0	Iowa	Johnson	Insufficient Data	Insufficient Data	2024-05-11	75,000	2023-12-11
 Id:536	1	Iowa	Johnson	Minimal	7.32	2024-05-11	23,000	2023-01-23
 Id:539	1	Iowa	Marshall	Minimal	6.67	2024-05-11	27,400	2023-01-22
 Id:54	0	Arizona	Yuma	Insufficient Data	Insufficient Data	2024-05-11	25,369	2023-10-16
 Id:540	0	Iowa	Muscatine	Insufficient Data	Insufficient Data	2024-05-11	24,400	2022-12-12
 Id:541	2	Iowa	Wapello	Minimal	10.64	2024-05-11	25,529	2022-12-16
 Id:543	0	Nebraska, Iowa, South Dakota	Dakota, Woodbury, Union	Insufficient Data	Insufficient Data	2024-05-11	110,000	2023-11-21
 Id:545	3	Kansas	Douglas	Low	20.0	2024-05-	80,000	2022-08-01

 Id:547	1	Kansas	Johnson	Minimal	0.0	11 2024-05-11	66,377	2023-09-17
 Id:548	1	Kansas	Johnson	Minimal	0.0	2024-05-11	112,076	2023-09-17
 Id:549	1	Kansas	Johnson	Minimal	0.0	2024-05-11	150,442	2023-09-17
 Id:550	1	Kansas	Johnson	Minimal	0.0	2024-05-11	54,985	2023-09-17
 Id:551	1	Kansas	Reno	Minimal	0.0	2024-05-11	39,712	2023-07-26
 Id:552	10	Kansas	Saline	High	93.33	2024-05-11	47,000	2022-08-08
 Id:553	0	Kansas	Shawnee	Insufficient Data	Insufficient Data	2024-05-11	40,000	2023-11-13
 Id:554	0	Kansas	Shawnee	Insufficient Data	Insufficient Data	2024-05-11	95,000	2023-11-13
 Id:555	0	Kansas	Wyandotte	Insufficient Data	Insufficient Data	2024-05-11	35,000	2023-01-10
 Id:556	1	Kansas	Wyandotte	Minimal	0.0	2024-05-11	90,000	2023-01-10
 Id:557	1	Kansas	Wyandotte	Minimal	0.0	2024-05-11	15,000	2023-01-09
 Id:562	0	Kentucky	Calloway	Insufficient Data	Insufficient Data	2024-05-11	28,837	2024-02-14
 Id:568	0	Kentucky	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	423,913	2022-03-03
 Id:578	0	Kentucky	Madison	Insufficient Data	Insufficient Data	2024-05-11	37,000	2024-02-14
 Id:581	0	Kentucky	Pulaski	Insufficient Data	Insufficient Data	2024-05-11	7,500	2024-02-14
 Id:583	0	Kentucky	Shelby	Insufficient Data	Insufficient Data	2024-05-11	32,160	2024-02-14
 Id:585	0	Kentucky	Warren	Insufficient Data	Insufficient Data	2024-05-11	67,233	2024-02-14
 Id:6	4	Alabama	Jefferson	Low	30.23	2024-05-11	225,000	2022-08-15
 Id:617	0	Louisiana	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	64,000	2024-03-19
 Id:624	0	Louisiana	Lafayette	Insufficient Data	Insufficient Data	2024-05-11	23,000	2024-02-05
 Id:628	0	Louisiana	Lafayette	Insufficient Data	Insufficient Data	2024-05-11	20,000	2024-02-05
 Id:629	0	Louisiana	Lafayette	Insufficient Data	Insufficient Data	2024-05-11	13,000	2024-02-05
 Id:631	0	Louisiana	Lafayette	Insufficient Data	Insufficient Data	2024-05-11	5,000	2024-02-12
 Id:639	0	Louisiana	Orleans	Insufficient Data	Insufficient Data	2024-05-11	333,406	2023-11-29
 Id:64	0	Arizona	Yuma	Insufficient Data	Insufficient Data	2024-05-11	8,271	2023-10-05
 Id:65	0	Arizona	Yuma	Insufficient Data	Insufficient Data	2024-05-11	8,271	2023-10-09
 Id:655	0	Louisiana	Orleans	Insufficient Data	Insufficient Data	2024-05-11	50,591	2023-11-27
 Id:679	0	Louisiana	Saint Tammany	Insufficient Data	Insufficient Data	2024-05-11	15,000	2024-02-23

 Id:68	0	Arkansas	Benton	Insufficient Data	Insufficient Data	2024-05-11	19,000	2023-11-28
 Id:69-A	0	Arkansas	Boone	Insufficient Data	Insufficient Data	2024-05-11	14,000	2023-11-28
 Id:69-B	0	Arkansas	Boone	Insufficient Data	Insufficient Data	2024-05-11	15,000	2023-04-23
 Id:694	0	Maine	Androscoggin	Insufficient Data	Insufficient Data	2024-05-11	60,000	2023-09-14
 Id:698	0	Maine	Aroostook	Insufficient Data	Insufficient Data	2024-05-11	5,000	2023-11-28
 Id:699	6	Maine	Cumberland	Moderate	55.56	2024-05-11	10,000	2022-11-29
 Id:7	0	Alabama	Jefferson	Insufficient Data	Insufficient Data	2024-05-11	200,000	2022-08-16
 Id:70	0	Arkansas	Garland	Insufficient Data	Insufficient Data	2024-05-11	38,000	2024-03-11
 Id:700	0	Maine	Cumberland	Insufficient Data	Insufficient Data	2024-05-11	65,000	2022-09-02
 Id:702	0	Maine	Cumberland	Insufficient Data	Insufficient Data	2024-05-11	8,500	2023-11-21
 Id:703	0	Maine	Cumberland	Insufficient Data	Insufficient Data	2024-05-11	6,000	2024-03-04
 Id:708	0	Maine	Knox	Insufficient Data	Insufficient Data	2024-05-11	7,000	2023-11-28
 Id:709	0	Maine	Lincoln	Insufficient Data	Insufficient Data	2024-05-11	2,222	2023-12-19
 Id:71	0	Arkansas	Greene	Insufficient Data	Insufficient Data	2024-05-11	25,000	2024-01-09
 Id:710	0	Maine	Oxford	Insufficient Data	Insufficient Data	2024-05-11	1,500	2023-11-27
 Id:712	5	Maine	Penobscot	Moderate	43.75	2024-05-11	40,000	2023-05-15
 Id:713	0	Maine	Penobscot	Insufficient Data	Insufficient Data	2024-05-11	20,000	2023-11-28
 Id:714	0	Maine	Piscataquis	Insufficient Data	Insufficient Data	2024-05-11	1,000	2023-11-21
 Id:716	0	Maine	Sagadahoc	Insufficient Data	Insufficient Data	2024-05-11	8,700	2023-11-27
 Id:722	0	Maine	York	Insufficient Data	Insufficient Data	2024-05-11	20,000	2023-11-14
 Id:723	0	Maine	York	Insufficient Data	Insufficient Data	2024-05-11	10,000	2023-01-18
 Id:724	0	Maine	York	Insufficient Data	Insufficient Data	2024-05-11	16,000	2023-12-04
 Id:726	0	Maryland	Anne Arundel	Insufficient Data	Insufficient Data	2024-05-11	89,319	2024-02-27
 Id:728	0	Maryland	Anne Arundel	Insufficient Data	Insufficient Data	2024-05-11	11,802	2024-02-27
 Id:729	0	Maryland	Anne Arundel	Insufficient Data	Insufficient Data	2024-05-11	150,078	2024-02-20
 Id:730	0	Maryland	Anne Arundel	Insufficient Data	Insufficient Data	2024-05-11	22,660	2024-02-28
 Id:731	0	Maryland	Anne Arundel	Insufficient Data	Insufficient Data	2024-05-11	78,365	2024-02-27
 Id:732	0	Maryland	Anne Arundel	Insufficient Data	Insufficient Data	2024-05-11	13,296	2024-02-27
 Id:734	0	Maryland	Garrett	Insufficient	Insufficient	2024-05-	3,000	2023-11-27

 Id:736	4	Maryland	Saint Marys	Data Low	Data 35.14	11 2024-05-11	55,000	2023-01-04
 Id:737-A	0	Maryland	Washington	Insufficient Data	Insufficient Data	2024-05-11	90,000	2023-12-06
 Id:737-B	3	Maryland	Washington	Low	28.26	2024-05-11	90,000	2022-12-14
 Id:740	0	Massachusetts	Hampden	Insufficient Data	Insufficient Data	2024-05-11	55,000	2023-12-11
 Id:741	0	Massachusetts	Middlesex	Insufficient Data	Insufficient Data	2024-05-11	228,285	2023-12-26
 Id:742	2	Massachusetts	Suffolk, Middlesex, Worcester, Plymouth, Norfolk	Minimal	18.6	2024-05-11	2,400,000	2022-12-12
 Id:760	3	Massachusetts	Worcester	Low	25.58	2024-05-11	250,000	2023-02-27
 Id:798	5	Michigan	Grand Traverse	Moderate	49.02	2024-05-11	30,623	2023-01-23
 Id:8	3	Alabama	Jefferson	Low	23.26	2024-05-11	95,000	2022-08-15
 Id:80	0	Arkansas	Pulaski	Insufficient Data	Insufficient Data	2024-05-11	30,377	2023-11-27
 Id:81	0	Arkansas	Pulaski	Insufficient Data	Insufficient Data	2024-05-11	23,812	2023-11-27
 Id:83	0	Arkansas	Pulaski	Insufficient Data	Insufficient Data	2024-05-11	18,463	2023-11-27
 Id:833	0	Michigan	Isabella	Insufficient Data	Insufficient Data	2024-05-11	21,690	2023-04-09
 Id:84	0	Arkansas	Pulaski	Insufficient Data	Insufficient Data	2024-05-11	32,043	2023-11-27
 Id:845	4	Michigan	Jackson	Low	34.88	2024-05-11	90,000	2022-04-19
 Id:886	4	Michigan	Kent	Low	39.13	2024-05-11	75,000	2022-12-09
 Id:895	3	Michigan	Macomb	Low	29.55	2024-05-11	140,000	2022-09-27
 Id:9	0	Alabama	Lee	Insufficient Data	Insufficient Data	2024-05-11	70,000	2023-12-26
 Id:90	0	California	Alameda	Insufficient Data	Insufficient Data	2024-05-11	68,150	2022-11-01
 Id:91	2	California	Alameda	Minimal	19.35	2024-05-11	47,229	2022-11-03
 Id:92	4	California	Alameda	Low	32.26	2024-05-11	229,476	2022-11-01
 Id:93-A	0	California	Alameda	Insufficient Data	Insufficient Data	2024-05-11	60,000	2023-11-21
 Id:93-B	0	California	Alameda	Insufficient Data	Insufficient Data	2024-05-11	50,000	2022-09-27
 Id:94	3	California	Alameda	Low	29.51	2024-05-11	740,000	2022-03-01
 Id:95	1	California	Butte	Minimal	0.0	2024-05-11	44,000	2023-07-24
 Id:954	2	Michigan	Washtenaw	Minimal	17.39	2024-05-11	125,000	2022-06-27
 Id:96	3	California	Butte	Low	28.81	2024-05-11	101,299	2023-09-05
 Id:97-A	0	California	Contra Costa	Insufficient	Insufficient	2024-05-	495,000	2024-02-06

● Id:97-B	0	California	Contra Costa	Data	Data	11		
				Insufficient Data	Insufficient Data	2024-05-11	484,800	2022-03-21
● Id:97-C	0	California	Contra Costa	Insufficient Data	Insufficient Data	2024-05-11	487,300	2022-12-29
● Id:98	0	California	Contra Costa	Insufficient Data	Insufficient Data	2024-05-11	218,281	2023-06-26
● Id:99	6	California	Contra Costa	Moderate	55.32	2024-05-11	100,000	2022-05-10
● Id:993	4	Minnesota	Blue Earth, Nicollet	Low	30.0	2024-05-11	70,000	2022-08-29

About the Data:



The influenza A virus level metric describes how current influenza A virus wastewater levels at a site compare to past levels at the same site during the 2023-2024 influenza season, October 1, 2023 to March 2, 2024. This metric is represented both categorically and as a percentile.

The percentile represents the position of the current level within the historical range. A value of 0 indicates that the current level is the lowest recorded at the site, while a value of 100 indicates that it is the highest.

The wastewater level for influenza A is categorized as follows:

- **Minimal** = The site's current level for influenza A virus is **minimal** compared to the data collected from the last influenza season. The current level is within the lowest 0-<20th percentile of influenza A virus recorded at that site or influenza A virus was not detected in the most recent sample.
- **Low** = The site's current level for influenza A virus is **low** compared to data collected from the last influenza season. Its current level is within the 20-<40th percentile of influenza A virus recorded at that site.
- **Moderate** = The site's current level for influenza A virus is **moderate** compared to data collected from the last influenza season. Its current level is within the 40-<60th percentile of influenza A virus recorded at that site.
- **Above Average** = The site's current level for influenza A virus is **above average** compared to data collected from the last influenza season. Its current level is within the 60-<80th percentile of influenza A virus recorded at that site.
- **High** = The site's level activity for influenza A virus is **high** compared to data collected from the last influenza season. Its current level is at 80th percentile or higher for influenza A virus recorded at that site.
- **Insufficient Data** = Site is testing for influenza A but does not have sufficient data for a comparison with the 2023-2024 influenza season or a site that has not submitted data in the last two weeks. For more information on these criteria, see [Data Methods](#).

Wastewater sampling sites can encompass populations of varying sizes (also known as a sewershed population) that may extend across county or state boundaries.

What CDC is Doing with Influenza A Wastewater Data: Wastewater surveillance complements other [existing influenza virus surveillance systems](#) to monitor influenza trends. Sites with high levels of influenza A virus (80-100th percentile) detected in wastewater are being closely monitored by CDC and its partners to identify potential

contributing factors. This involves analyzing routine influenza virus and syndromic surveillance data to understand human influenza A infections and following up with the relevant jurisdiction to better understand the factors that could be contributing to these levels. Additionally, this could include reviewing other potential contributors of virus into wastewater. For instance, some states have identified non-human sources such as milk processing waste that contribute to wastewater sites.

Wastewater surveillance is an evolving science. Efforts to monitor influenza A virus activity using wastewater data are likely to evolve as the methodologies and interpretation are evaluated and refined.

Data Limitations:

- Current wastewater monitoring methods detect influenza A viruses but do not distinguish the subtype. This means that avian influenza A(H5N1) viruses can be detected but would not be distinguished from other influenza A virus subtypes.
- Wastewater testing cannot determine the source of the influenza A virus. It could come from a human or from an animal (like a bird) or an animal product (like milk from an infected cow).

Data Source: [CDC's National Wastewater Surveillance System \(NWSS\)](#) has over 600 sites from a variety of partners reporting influenza A virus data to CDC.

For more information, see [Data Methods](#).

Last Reviewed: May 17, 2024

Source: [Centers for Disease Control and Prevention](#)

Was this page helpful?

Yes

Partly

No