

COVID Data Tracker

Maps, charts, and data provided by CDC, updates Mondays and Fridays by 8 p.m. ET

[COVID-19 Home >](#)



Testing has resumed for commercial contract wastewater sites (about 350 sites) that have had a temporary delay since September 15, 2023. Site-level data will be available two weeks after a site resumes testing.

United States

At a Glance

Trend in %
Test
Positivity **-0.6% in most recent week**

Trend in %
Emergency
Department
Visits **-21.1% in most recent week**

Trend in
Hospital
Admissions **-13.9% in most recent week**

Total Hospitalizations 6,901,176

Trend in % COVID-19 Deaths **-16.7% in most recent week**

Total Deaths

1,186,671

Wastewater Surveillance

COVID-19: Wastewater Surveillance

Communities can track the presence of SARS-CoV-2, the virus that causes COVID-19, in wastewater samples. These data can provide an early warning of COVID-19's spread in communities. For more information, visit the [Wastewater Surveillance System page](#).

Monitoring Wastewater Surveillance Data

Wastewater surveillance for COVID-19 is a rapidly developing field. State, tribal, local, and territorial health departments participating in the National Wastewater Surveillance System (NWSS) submit testing data to CDC. CDC then standardizes and interprets these data and presents them in the COVID Data Tracker and on the [NWSS page](#). How often sites collect wastewater samples and how frequently data are reported to CDC varies by health department.

Wastewater data are meant to be used with other COVID-19 surveillance data to better understand COVID-19's spread in a community.

- Learn more about wastewater data by exploring each of the charts and maps on this page.
- To see a map of which SARS-CoV-2 variant is the most dominant at each wastewater sampling site, see [CDC COVID Data Tracker: Summary of Variant Surveillance](#).
- To see state and territory trends in wastewater COVID-19, see [COVID-19 Wastewater Data – State & Territory Trend](#).
- To see a map of COVID-19 current wastewater viral activity levels, see [COVID-19 Wastewater Data – Current Levels](#).

[View information about the data and download the data.](#)

Maps, charts, and data provided by CDC, updates Friday by 8pm ET[†]. This represents all wastewater data submitted directly to CDC's NWSS DCIPHER platform, with the exceptions described in the [About the Data section](#) below. Each dot on the map represents a site. A site can represent all or part of a "[sewershed](#)," which is the area contributing wastewater to a sampling location. Not all communities report wastewater data to CDC. Participation is voluntary, and wastewater samples are collected from sewer systems so communities that rely primarily on septic systems are not represented. In addition, some sites that submit data to NWSS are not represented on the map due to various factors, such as small population size or having facility-specific sampling.

[View Footnotes and Download Data](#)

Wastewater COVID-19 National Trend

This chart shows national trends of SARS-COV-2 viral activity levels in wastewater.

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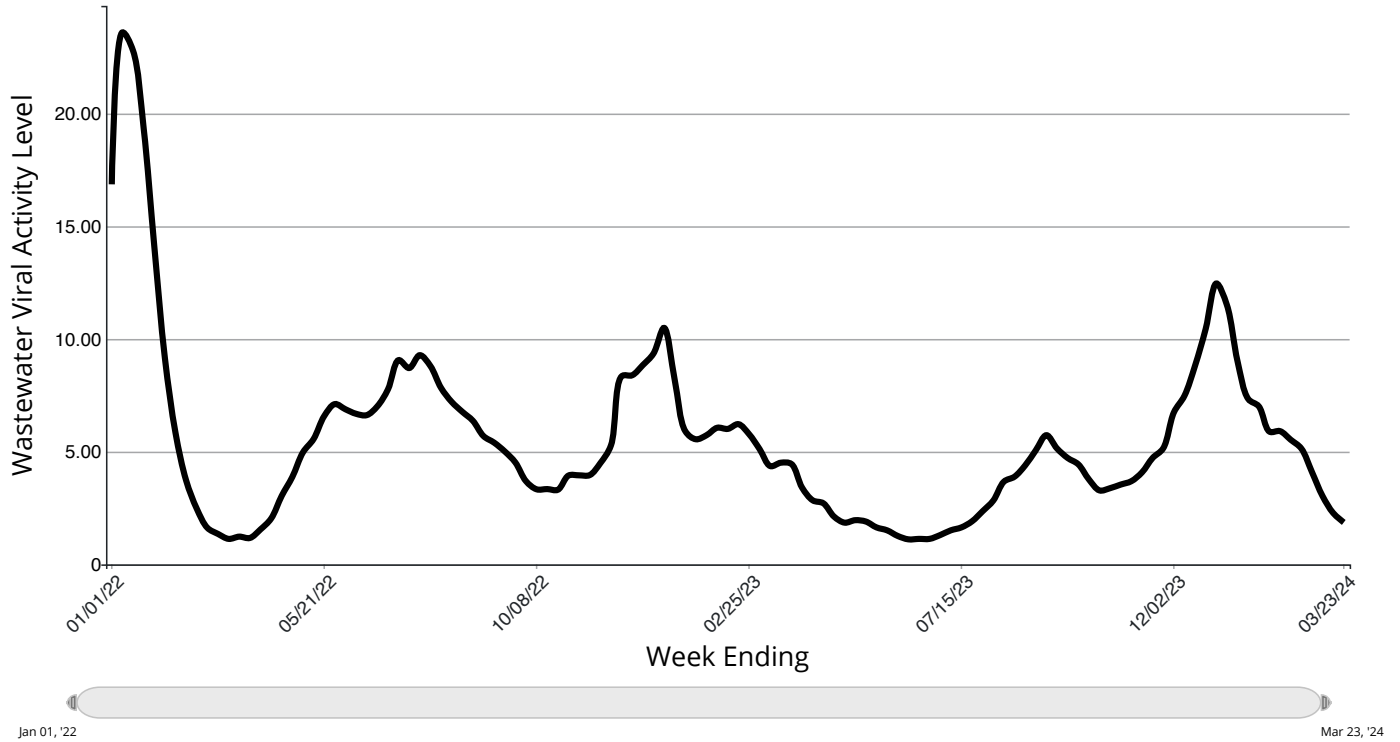




Nationally, the wastewater viral activity level for COVID-19 is currently **low**.



COVID-19 Wastewater Viral Activity Level Over Time, United States



[Download Chart](#)

[Learn more about the wastewater viral activity level.](#)

Wastewater Metric Map

State or territory:

County:

[Reset Selections](#)

Time Period: Mar 11, 2024 – Mar 25, 2024

 Major Cities On Major Cities Off

Metric:

- Current virus levels in wastewater by site
- Percent change in the last 15 days

Show:

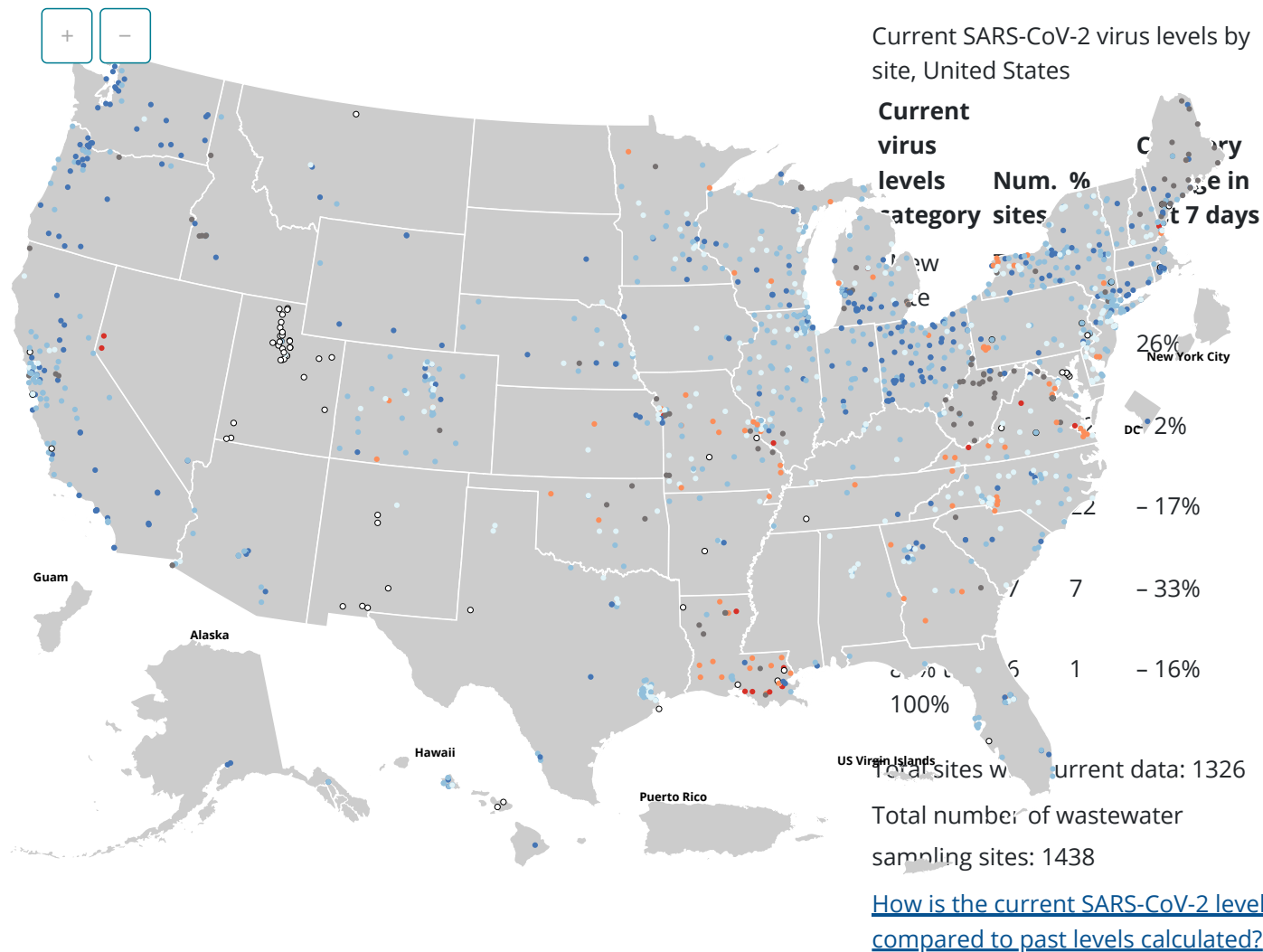
- Sites with no recent data
- Sites that started sampling after 12/1/21

○ Percent of wastewater samples with detectable virus

Current virus levels in wastewater by site

This metric shows whether SARS-CoV-2 levels at a site are currently higher or lower than past historical levels at the same site. 0% means levels are the lowest they have been at the site; 100% means levels are the highest they have been at the site. Public health officials watch for increasing levels of the virus in wastewater over time and use these data to help make public health decisions.

⚠ Note: Sites began collecting data at different times. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that started reporting data on or before December 1, 2021. The data history for these new sites is not long enough to reflect the same surges as the other sites.



Select legend categories to filter points on the map.

- New site
- 0% to 19%
- 20% to 39%
- 40% to 59%
- 60% to 79%
- 80% to 100%
- No recent data

Download Map







Data Downloads and Footnotes

Expand each accordion to view data table and download data

Data Table for Wastewater Surveillance Current Virus Levels (in %)

CDC | Data as of: Monday, April 1, 2024 2:08 PM ET. Posted: Monday, April 1, 2024 3:06 PM ET

Download Data 

Jurisdiction 	Sewershed ID 	Reporting Jurisdiction 	County 	Population Served 	Current Virus Levels (in %) 
New Hampshire	2086	New Hampshire	Strafford	14,638	80.67
New Hampshire	2091	New Hampshire	Hillsborough	26,632	40
New Jersey	2378	New Jersey	Sussex	7,751	26.8
New Jersey	788	New Jersey	Hudson, Essex, Passaic, Bergen	1,500,000	N/A
Nevada	554	Nevada	Washoe	300,000	82.47
New York	1000	New York	Erie	17,983	40.75
New York	1006	New York	Chautauqua	32,501	41.33
New York	1011	New York	Cattaraugus	17,760	0
New York	1012	New York	Erie	83,961	47.5
New York	1097	New York	Dutchess	38,207	32.4
New York	1151	New York	Oneida	27,849	38.2
New York	1400	New York	Broome	52,501	40.2
New York	1401	New York	Rockland	36,527	31.2
New York	1483	New York	Westchester	26,651	40.5
New York	1489	New York	Westchester	523,765	24.4
New York	1936	New York	Clinton	5,532	39.33
New York	1938	New York	Suffolk	6,280	24
New York	1939	New York	Suffolk	28,183	41.33
New York	2004	New York	Oswego	12,117	48
New York	2172	New York	Albany	109,426	6.67
New York	2173	New York	Albany	80,922	12.33
New York	2174	New York	Onondaga	16,168	13
New York	2175	New York	Tompkins	9,770	12.33
New York	2191	New York	Orange	42,921	25.6
New York	2192	New York	Oswego	8,849	36.2
New York	2193	New York	Dutchess	21,516	28.33
New York	2198	New York	Madison	3,317	35
New York	2285	New York	Chautauqua	9,379	34.67
New York	512	New York	Cayuga	31,814	34.4
New York	516	New York	Madison	4,908	34.33
New Hampshire	2084	New Hampshire	Coos	10,000	17
Nebraska	924	Nebraska	Scotts Bluff	15,932	28
Nebraska	923	Nebraska	Sarpy, Douglas	600,000	33.4
Nebraska	921	Nebraska	Douglas	200,000	46.4
Nebraska	919	Nebraska	Adams	24,692	31.8
Nebraska	917	Nebraska	Dodge	28,000	32.2

Nebraska	916	Nebraska	Platte	23,000	43.2
North Carolina	451	North Carolina	New Hanover	67,743	44.2
North Carolina	335	North Carolina	Wake	7,776	42.75
North Carolina	332	North Carolina	Wake	550,000	28.6
North Carolina	2018	North Carolina	Gaston	68,700	54.2
North Carolina	2016	North Carolina	Catawba	24,841	48.6
North Carolina	2014	North Carolina	Gaston	28,940	65.6
North Carolina	167	North Carolina	Pitt	89,616	29
Montana	976	Montana	Lewis And Clark	2,273	17.33
Montana	1310	Montana	Gallatin	50,000	14.33
Missouri	82	Missouri	Carroll	3,784	50.67
Missouri	81	Missouri	Scott, Cape Girardeau	33,540	72
Missouri	64	Missouri	Saint Francois	7,165	N/A
Missouri	423	Missouri	Johnson	11,883	78
Missouri	381	Missouri	Christian, Greene	151,966	41
Missouri	306	Missouri	Saint Louis, Franklin	7,001	N/A
Missouri	279	Missouri	Newton	12,000	48.67
Missouri	269	Missouri	Saint Louis, Jefferson	66,738	68.67
Missouri	267	Missouri	Saint Louis	115,895	25.67
Missouri	264	Missouri	Saint Louis City, Saint Louis	306,647	46.5
Missouri	259	Missouri	Lawrence, Barry	9,100	40.5
Missouri	240	Missouri	Webster	8,000	34.67
Missouri	199	Missouri	Clay, Platte	12,855	61.33
Missouri	156	Missouri	Madison	4,000	37.67
Missouri	133	Missouri	Saint Charles	47,758	54.33
Missouri	114	Missouri	Henry	9,118	30.5
Minnesota	2255	Minnesota	Washington	27,857	17.2
Minnesota	2254	Minnesota	Benton, Sherburne, Stearns	71,945	30.8
Minnesota	2251	Minnesota	Dakota, Rice	22,126	9.5
Minnesota	2250	Minnesota	Chisago	11,442	32.8
Minnesota	2244	Minnesota	Morrison	9,119	33.4
Minnesota	2236	Minnesota	Dakota	153,791	43.8
Minnesota	2228	Minnesota	Beltrami	16,363	N/A
Minnesota	1108	Minnesota	Dakota, Hennepin, Scott	254,932	30.6
Michigan	897	Michigan	Macomb, Oakland	1,482,000	61.2
Michigan	891	Michigan	Kalamazoo	194,170	11
Michigan	891	Michigan	Kalamazoo	31,189	0
Michigan	891	Michigan	Kalamazoo	11,246	21.2
Michigan	891	Michigan	Kalamazoo	3,416	16.6
Michigan	891	Michigan	Kalamazoo	9,709	13
Michigan	889	Michigan	Ottawa	11,057	21
Michigan	888	Michigan	Calhoun	70,000	11.6
Michigan	2046	Michigan	Eaton	32,000	30.8
Michigan	1952	Michigan	Baraga	8,320	27.67

Michigan	1729	Michigan	Wayne	23,500	N/A
Michigan	1729	Michigan	Wayne	3,500	N/A
Michigan	1627	Michigan	Gogebic	6,500	26.33
Michigan	1597	Michigan	Mecosta	21,000	N/A
Michigan	1239	Michigan	Isabella	7,615	88
Michigan	1214	Michigan	Kent	40,000	N/A
Michigan	1125	Michigan	Marquette	3,500	N/A
Michigan	1105	Michigan	Menominee	3,842	32.67
Michigan	1096	Michigan	Muskegon	28,000	34.33
Michigan	1096	Michigan	Muskegon	5,000	31.33
Michigan	1093	Michigan	Mackinac	3,460	25.33
Michigan	1089	Michigan	Chippewa	6,546	32.33
Michigan	1036	Michigan	Allegan	5,500	15.6
Maine	2002	Maine	York	15,000	N/A
Maine	2001	Maine	Cumberland	24,000	new site
Maine	1989	Maine	Cumberland	15,000	N/A
Massachusetts	2471	Massachusetts	Suffolk	14,962	N/A
Massachusetts	2471	Massachusetts	Suffolk	4,243	16.8
Louisiana	2203	Louisiana	Saint Tammany	10,000	77.75
Louisiana	2100	Louisiana	Acadia	14,557	62.75
Louisiana	1967	Louisiana	Jefferson	163,451	81.75
Louisiana	1961	Louisiana	Calcasieu	36,720	76.25
Louisiana	1857	Louisiana	Terrebonne	50,000	79.5
Louisiana	1823	Louisiana	Jefferson	333,342	new site
Kentucky	2653	Kentucky	Pulaski	7,500	40
Kansas	2467	Kansas	Johnson	150,442	31.6
Indiana	765	Indiana	Monroe	28,350	17.4
Indiana	2388	Indiana	Howard	45,000	20.25
Indiana	2387	Indiana	Allen	315,000	15.2
Indiana	2372	Indiana	Kosciusko	21,600	28.4
Indiana	2340	Indiana	Lake	28,000	58.8
Indiana	2336	Indiana	Delaware	67,000	15.8
Indiana	1456	Indiana	Clark	21,000	39.6
Illinois	984	Illinois	Du Page	18,800	49
Illinois	983	Illinois	Mchenry	15,947	26.5
Illinois	675	Chicago	Cook	467,536	24.2
Illinois	675	Chicago	Cook	77,799	31.2
Illinois	674	Chicago	Cook	54,362	9.6
Illinois	652	Illinois	Shelby	5,329	39.8
Illinois	650	Illinois	Adams	50,695	59
Illinois	649	Illinois	Bureau	7,555	29.8
Illinois	639	Illinois	Cook	1,127,736	42.57
Illinois	637	Illinois	Cook	13,098	44.43
Illinois	635	Chicago	Cook	23,475	21.8

Illinois	618	Illinois	Mchenry	4,288	34.8
Illinois	604	Illinois	Cass	5,446	32.4
Illinois	2379	Illinois	Mclean	44,238	24
Illinois	1944	Illinois	Sangamon	50,000	31.2
Illinois	1849	Illinois	Mchenry	10,240	47.8
Illinois	1848	Illinois	Du Page	83,772	25.8
Illinois	1609	Illinois	Du Page	45,000	23.2
Illinois	1586	Illinois	Mchenry	15,360	33.6
Illinois	1326	Illinois	Saint Clair	85,593	32.4
Illinois	1316	Illinois	Will	50,458	27.6
Illinois	1247	Illinois	Lake	80,000	15.6
Illinois	1100	Illinois	Du Page	40,438	45.8
Idaho	1915	Idaho	Nez Perce	35,000	N/A
Georgia	2709	Georgia	Douglas	180,000	47.83
Georgia	2699	Georgia	Gwinnett	650,000	8
Georgia	2696	Georgia	Dougherty	50,000	73.2
Florida	671	Florida	Orange	463,672	32.8
Florida	670	Florida	Orange	59,587	76.2
Florida	511	Florida	Pinellas	103,000	36
Florida	1551	Florida	Palm Beach	300,000	19.6
Florida	1502	Florida	Alachua	100,000	41.5
Delaware	1184	Delaware	Kent	130,000	54.2
Connecticut	771	Connecticut	Fairfield	140,000	9
Colorado	657	Colorado	Summit	28,571	32
Colorado	576	Colorado	Routt	43,741	38
Colorado	556	Colorado	Morgan	12,000	26
Colorado	47	Colorado	Pitkin	5,500	60
Colorado	396	Colorado	San Miguel	15,000	28
Colorado	329	Colorado	Pueblo	96,515	N/A
Colorado	252	Colorado	Denver	709,904	29.75
Colorado	227	Colorado	Larimer	66,429	53.75
Colorado	226	Colorado	Boulder	17,601	28.33
Colorado	2103	Colorado	Montezuma	11,214	30.75
Colorado	1818	Colorado	Boulder	31,429	34.2
Colorado	1748	Colorado	Delta	6,857	47.5
Colorado	1451	Colorado	Chaffee	19,286	26
Colorado	142	Colorado	Larimer	5,818	14.75
California	363	California	San Francisco, San Mateo	750,000	30.29
California	363	California	San Francisco, San Mateo	66,446	25.86
California	363	California	San Francisco	9,923	21.86
California	299	California	Orange	1,800,000	17.43
California	2397	California	Shasta	60,000	19.57
California	2370	California	San Luis Obispo	47,545	12.14
California	2361	California	Humboldt	45,000	57.86

California	2063	California	San Joaquin	67,021	20.67
California	2059	California	San Joaquin	83,498	16
California	1188	California	Ventura	250,000	32.71
Arizona	715	Arizona	Pima	397,407	22
Arizona	501	Arizona	La Paz	3,500	27.6
Virginia	2695	Virginia	Alleghany	15,000	new site
Virginia	2483	Virginia	Petersburg City	33,458	22.2
Texas	2682	Texas	Andrews	13,487	new site
Texas	1141	Texas	Travis	529,541	24
South Dakota	2630	South Dakota	Beadle	14,000	17.8
South Carolina	2677	South Carolina	Greenwood	48,000	13.25
Nevada	2592	Nevada	Clark	2,000,000	12.6
New Mexico	2683	New Mexico	Bernalillo	65,000	new site
New Mexico	2492	New Mexico	Santa Fe	87,000	41.6
North Carolina	2641	North Carolina	Jackson, Swain	10,000	11.2
North Carolina	2565	North Carolina	Watauga	26,000	28.6
Maine	2511	Maine	York	16,000	10.4
Maryland	2518	Maryland	Washington	90,000	21.4
Massachusetts	2539	Massachusetts	Middlesex	228,285	10.4
Kansas	833	Kansas	Shawnee	40,000	15
Hawaii	2679	Hawaii	Maui	58,900	new site
Hawaii	2674	Hawaii	Honolulu	19,000	34.4
Hawaii	1205	Hawaii	Maui	46,800	new site
Florida	2587	Florida	Seminole, Orange	95,000	19.2
Florida	2503	Florida	Escambia	207,000	20
California	834	California	Riverside	91,980	9.2
California	2684	California	Santa Cruz	70,000	new site
California	2669	California	San Luis Obispo	14,465	36
California	2537	California	Santa Cruz, Monterey	60,000	23.2
California	2490	California	Ventura, Los Angeles	75,000	18
California	1593	California	San Luis Obispo	6,031	37.4
Arkansas	446	Arkansas	Pulaski	32,043	42.8
Arkansas	2507	Arkansas	Benton	19,000	23.8
Alaska	2633	Alaska	Anchorage	23,000	12.5
New York	517	New York	Livingston	4,730	20.33
New York	518	New York	Steuben	5,162	24
New York	520	New York	Onondaga	39,352	39.67
New York	527	New York	Madison	9,207	0
New York	52	New York	Steuben	5,941	20.4
New York	692	New York	Saint Lawrence	10,794	31.6
New York	717	New York	Montgomery	19,679	0
New York	738	New York	Putnam	4,480	15.33
Ohio	101	Ohio	Preble	8,400	23.33
Ohio	108	Ohio	Erie	55,000	26.2

Ohio	121	Ohio	Ashtabula	12,000	39
Ohio	124	Ohio	Coshocton	12,000	33
Ohio	131	Ohio	Tuscarawas	13,572	25
Ohio	141	Ohio	Belmont	13,169	23
Ohio	147	Ohio	Hancock	42,000	8.2
Ohio	168	Ohio	Darke	13,000	33
Ohio	187	Ohio	Franklin	645,940	7.6
Ohio	219	Ohio	Allen	61,000	11.8
Ohio	221	Ohio	Hamilton	143,000	18.8
Ohio	222	Ohio	Medina	35,000	16.6
Ohio	225	Ohio	Lorain	72,000	16.4
Ohio	241	Ohio	Union	24,677	3.75
Ohio	255	Ohio	Hamilton	488,000	16.6
Ohio	276	Ohio	Cuyahoga	313,158	24.2
Ohio	278	Ohio	Cuyahoga	103,379	16.6
Ohio	282	Ohio	Licking	45,000	24
Ohio	311	Ohio	Wood	21,000	15.6
Ohio	428	Ohio	Fayette	14,000	21.8
Ohio	43	Ohio	Fulton	6,000	28.4
Ohio	455	Ohio	Mahoning	65,469	15.8
Ohio	456	Ohio	Muskingum	47,500	15.2
Ohio	48	Ohio	Athens	24,536	29.25
Ohio	67	Ohio	Wood	32,000	38.8
Ohio	73	Ohio	Williams	8,655	16.2
Ohio	975	Ohio	Greene	4,100	11.8
Ohio	98	Ohio	Pickaway	13,965	18.2
Oklahoma	2577	Oklahoma	Cleveland	122,837	46.67
Oklahoma	2580	Oklahoma	Seminole	7,488	55
Oklahoma	2585	Oklahoma	Woodward	11,998	70.33
Oregon	929	Oregon	Linn	57,785	6
Oregon	930	Oregon	Clatsop	11,326	30
Oregon	944	Oregon	Washington	9,000	16.33
Oregon	957	Oregon	Coos	9,975	5
Oregon	958	Oregon	Malheur	16,000	N/A
Oregon	966	Oregon	Columbia	13,739	1.5
Pennsylvania	1357	Pennsylvania	Montgomery	30,000	43.8
Pennsylvania	1368	Pennsylvania	Armstrong, Westmoreland	34,200	new site
Pennsylvania	1529	Pennsylvania	Indiana	28,809	30
Pennsylvania	1776	Pennsylvania	Trumbull, Mercer	19,000	31.2
Pennsylvania	1787	Pennsylvania	Chester	10,500	15.4
Pennsylvania	2363	Pennsylvania	Montgomery	16,000	43.8
Rhode Island	1134	Rhode Island	Kent	60,224	25.8
Rhode Island	1224	Rhode Island	Kent	33,000	15.4
Rhode Island	464	Rhode Island	Providence	240,000	11

Rhode Island	76	Rhode Island	Providence	10,000	36.6
Tennessee	1282	Tennessee	Davidson, Rutherford, Williamson	600,000	38
Texas	375	Houston	Harris	293,227	40.67
Texas	409	Houston	Harris	97,918	41.33
Utah	11	Utah	Salt Lake	89,507	new site
Utah	31	Utah	Utah	35,840	new site
Utah	32	Utah	Tooele	36,244	new site
Utah	7	Utah	Salt Lake	515,494	new site
Virginia	1237	Virginia	Tazewell	4,600	91.67
Virginia	180	Virginia	Chesapeake City, Virginia Beach City, Norfolk City, Portsmouth City	192,347	57.67
Virginia	1827	Virginia	Prince William, Fairfax	165,901	63
Virginia	1828	Virginia	Stafford	44,000	new site
Virginia	1838	Virginia	Manassas City, Fairfax City, Fauquier, Fairfax, Prince William, Loudoun, Manassas Park City	350,000	64
Virginia	2037	Virginia	Mathews, York, Gloucester, Poquoson City, Newport News City, Hampton City	99,112	54.33
Virginia	2485	Virginia	Prince Edward, Cumberland	12,390	new site
Virginia	42	Virginia	Prince William, Stafford	92,000	78.67
Virginia	454	Virginia	Washington	7,300	57
Washington	1399	Washington	Jefferson	10,000	3.8
Washington	1620	Washington	Walla Walla	33,000	10.25
Washington	2420	Washington	King, Snohomish	789,000	12.4
Washington	753	Washington	Franklin	73,000	11.2
Wisconsin	136	Wisconsin	Chippewa, Eau Claire	77,714	22.2
Wisconsin	182	Wisconsin	Saint Croix	19,680	17.6
Wisconsin	231	Wisconsin	Dane	391,815	14.92
Wisconsin	236	Wisconsin	Marinette	11,000	31
Wisconsin	239	Wisconsin	Marathon, Wood	19,300	50.6
Wisconsin	2531	Wisconsin	Dane	89,139	39.2
Wisconsin	257	Wisconsin	Washington, Racine, Milwaukee, Waukesha, Ozaukee	615,934	40.2
Wisconsin	313	Wisconsin	Marinette	3,500	42.5
Wisconsin	344	Wisconsin	Saint Croix, Pierce	15,900	27.33
Wisconsin	420	Wisconsin	Vernon	4,400	5.4
Wisconsin	44	Wisconsin	Ashland	8,200	40
Wisconsin	60	Wisconsin	Jackson	5,000	37.2
Wisconsin	696	Wisconsin	Jefferson, Dodge	23,660	15.8
West Virginia	2067	West Virginia	Taylor	6,071	N/A
West Virginia	2546	West Virginia	Harrison	26,498	N/A
West Virginia	2549	West Virginia	Randolph	2,101	N/A
West Virginia	2552	West Virginia	Marion	1,091	N/A
West Virginia	2557	West Virginia	Pleasants	2,892	N/A
West Virginia	2563	West Virginia	Fayette	2,626	N/A
West Virginia	91	West Virginia	Kanawha	49,500	33.89
Alabama	1893	Alabama	Jefferson	77,000	42.71

California	1371	California	Merced	42,000	26.14
California	1665	California	San Mateo	40,000	N/A
California	1668	California	Contra Costa	484,800	25.14
California	1669	California	Marin	104,250	52
California	1685	California	Alameda	740,000	46
California	1694	California	Los Angeles	200,000	24.43
California	1711	California	Marin	18,000	31
California	1712	California	San Mateo	28,000	30
California	1713	California	Napa	83,300	33.29
California	1874	California	Alameda	68,150	8.6
California	1876	California	Marin	25,000	44.4
California	1888	California	Sonoma	230,000	49.17
California	1904	California	San Bernardino	890,000	17
California	1913	California	Yolo	59,000	40.29
California	1946	California	Santa Clara	153,000	24.5
California	2406	California	Santa Cruz	60,000	31.33
California	2600	California	Madera	67,944	25.29
California	352	California	Santa Clara	110,338	34.73
California	362	California	San Francisco, San Mateo	250,000	25.33
Colorado	1902	Colorado	Douglas	25,000	29.43
District of Columbia	2597	District of Columbia	Fairfax, District Of Columbia, Loudoun, Prince Georges	2,000,000	17.57
Florida	1686	Florida	Orange	195,299	36.83
Florida	1715	Florida	Orange	183,009	19.5
Florida	1875	Florida	Seminole	95,000	34
Florida	2327	Florida	Leon	212,065	43.86
Florida	2358	Florida	Pinellas	89,847	32
Georgia	1666	Georgia	Fulton	73,821	49.71
Georgia	1740	Georgia	Fulton	294,660	59.71
Georgia	1741	Georgia	Fulton	105,160	34.14
Georgia	1742	Georgia	Fulton	70,887	39.57
Iowa	1839	Iowa	Clinton	29,300	37.71
Iowa	1867	Iowa	Johnson	23,000	29
Illinois	1689	Illinois	Du Page	86,000	45.29
Indiana	1739	Indiana	Clark	25,000	43.67
Indiana	1889	Indiana	St Joseph	130,000	34.57
Indiana	772	Indiana	Monroe	56,090	40.43
Indiana	828	Indiana	Hamilton	86,000	37.86
Kansas	1710	Kansas	Saline	47,000	67.14
Kansas	1811	Kansas	Wyandotte	35,000	36.43
Kansas	1900	Kansas	Wyandotte	90,000	52.86
Massachusetts	1780	Massachusetts	Worcester, Norfolk, Suffolk, Plymouth, Middlesex	2,400,000	39.71
Maine	1989	Maine	Cumberland	10,000	24
Maine	1992	Maine	Cumberland	65,000	34.75
Maine	2002	Maine	York	10,000	22.57

Maine	2598	Maine	Penobscot	40,000	73
Mississippi	2479	Mississippi	Jackson	19,008	5.33
New Hampshire	1706	New Hampshire	Merrimack	4,000	54.75
New Hampshire	497	New Hampshire	Merrimack	45,000	36.25
New Jersey	2107	New Jersey	Cumberland	50,000	59.86
Nevada	2607	Nevada	Clark	990,000	24.43
Tennessee	2612	Tennessee	Shelby	300,000	46.71
Texas	1761	Texas	Potter, Randall	60,000	52.14
Texas	1762	Texas	Potter, Randall	140,000	52.57
Texas	1881	Texas	Cooke	17,300	46.57
Texas	1947	Texas	Montgomery	65,000	42.14
Texas	2326	Texas	Dallas	630,000	18.43
Texas	2615	Texas	Dallas	421,700	33.14
Texas	865	Texas	Webb	120,000	40
Texas	867	Texas	Webb	140,000	48.29
Virginia	2008	Virginia	Stafford	100,000	64.86
Vermont	2599	Vermont	Chittenden	30,000	33.71
Vermont	2613	Vermont	Washington	10,100	17.86
Arkansas	1546	Arkansas	Pulaski	18,463	30.4
Arkansas	2588	Arkansas	Boone	14,000	35.2
California	2487	California	Monterey	16,000	16.8
California	2526	California	Ventura	250,000	17.2
California	2590	California	Alameda	60,000	18.2
California	2594	California	San Luis Obispo	39,000	35.6
California	2623	California	Santa Cruz	12,000	12.5
Connecticut	2486	Connecticut	Fairfield	45,878	20.6
Florida	1686	Florida	Orange	277,823	27.2
Florida	1702	Florida	Orange	59,587	14.8
Florida	2637	Florida	Palm Beach, Martin	100,000	13.4
Florida	2692	Florida	Sarasota	100,000	new site
Hawaii	2610	Hawaii	Honolulu	101,000	23.6
Hawaii	2675	Hawaii	Honolulu	47,000	32.6
Iowa	2488	Iowa	Union, Dakota, Woodbury	110,000	13
Iowa	544	Iowa	Johnson	75,000	14.4
Louisiana	1650	Louisiana	Lafayette	13,000	22.8
Louisiana	2659	Louisiana	Lafayette	20,000	21.4
Massachusetts	2522	Massachusetts	Hampden	55,000	16
Maryland	1262	Maryland	Anne Arundel	11,802	new site
Maryland	1268	Maryland	Anne Arundel	150,078	37.8
Maryland	1285	Maryland	Anne Arundel	13,296	new site
Maine	2500	Maine	Aroostook	5,000	7
Maine	2595	Maine	Oxford	1,500	12.75

Maine	2681	Maine	Cumberland	6,000	new site
Maine	347	Maine	Knox	7,000	7.2
North Carolina	1223	North Carolina	Rowan	21,000	25
North Carolina	2589	North Carolina	Lenoir	20,484	28
Pennsylvania	1083	Pennsylvania	Montgomery	13,000	23.6
Pennsylvania	2494	Pennsylvania	Butler	45,000	9.25
South Carolina	2676	South Carolina	Greenwood	12,000	16.67
Texas	2663	Texas	Webb	120,000	28.4
Virginia	2491	Virginia	Frederick, Winchester City	60,000	18.4
Vermont	2657	Vermont	Windsor	6,000	31
Arizona	1059	Arizona	Yuma	18,039	53.6
Arizona	1061	Arizona	Yuma	25,369	N/A
Arizona	1212	Arizona	Maricopa	53,578	64.4
Arizona	1212	Arizona	Maricopa	17,280	28.4
Arizona	1212	Arizona	Maricopa	9,430	14.2
Arizona	1212	Arizona	Maricopa	9,848	47.2
Arizona	2524	Arizona	Maricopa	19,260	17.6
California	1019	California	Lake	13,200	28.86
California	158	California	Fresno	650,000	25.67
California	2296	California	Contra Costa	218,281	15.29
California	2421	California	Placer	108,444	8.17
California	357	California	San Diego	2,200,000	15.14
California	59	California	Kern	168,750	9.83
Colorado	1135	Colorado	Teller	6,379	40.75
Colorado	1154	Colorado	Pitkin	17,571	46.6
Colorado	1517	Colorado	El Paso	10,000	70.6
Colorado	152	Colorado	Larimer	26,621	40.2
Colorado	1591	Colorado	Otero	29,643	35.33
Colorado	163	Colorado	Weld	83,319	20.6
Colorado	251	Colorado	Jefferson	345,454	52.25
Colorado	368	Colorado	Adams	54,561	17.5
Colorado	372	Colorado	Arapahoe	247,443	35.4
Colorado	408	Colorado	Summit	35,643	50.8
Colorado	578	Colorado	Las Animas	14,286	29.67
Colorado	58	Colorado	Weld, Larimer	7,946	57
Colorado	72	Colorado	Broomfield	53,356	27
Colorado	748	Colorado	El Paso	34,286	28
Connecticut	1079	Connecticut	New Haven	233,000	5
Connecticut	806	Connecticut	Fairfield	85,000	8.6
Florida	1392	Florida	Hillsborough	180,000	36
Florida	1501	Florida	Alachua	100,000	43.5
Florida	2327	Florida	Leon	212,065	25.4
Georgia	2703	Georgia	Cobb	190,000	30.4
Georgia	2705	Georgia	Paulding	8,000	29.8

Georgia	2706	Georgia	Floyd	75,000	76.8
Georgia	2710	Georgia	Cobb	190,000	16.75
Idaho	1802	Idaho	Elmore	16,000	11.2
Illinois	1062	Illinois	Kendall	8,400	22
Illinois	1243	Illinois	Du Page	76,324	17.6
Illinois	1527	Illinois	Kendall	13,477	40
Illinois	1610	Illinois	Washington	3,425	N/A
Illinois	1817	Illinois	Iroquois	4,700	38
Illinois	1847	Illinois	Du Page	65,000	27.8
Illinois	2126	Illinois	Perry	6,448	45.25
Illinois	2306	Illinois	Champaign	52,000	19.67
Illinois	2380	Illinois	Mclean	44,237	49.6
Illinois	605	Illinois	Saint Clair	26,150	42.6
Illinois	606	Illinois	Saint Clair	26,150	18.6
Illinois	615	Illinois	Randolph	6,814	90
Illinois	619	Illinois	Vermilion	30,479	40.75
Illinois	625	Illinois	Jo Daviess	3,460	26.8
Illinois	631	Illinois	Mcdonough	15,052	21.8
Illinois	638	Illinois	Cook	1,127,737	16
Illinois	645	Illinois	Lake	126,629	25.4
Illinois	647	Illinois	Peoria	131,000	27
Illinois	655	Illinois	Champaign	91,041	31.2
Illinois	674	Chicago	Cook	721,207	17.4
Illinois	675	Chicago	Cook	29,370	15
Illinois	675	Chicago	Cook	83,455	36.6
Illinois	675	Chicago	Cook	24,099	9
Illinois	697	Illinois	Rock Island	25,202	34.2
Illinois	698	Illinois	Rock Island	43,768	26.4
Illinois	894	Illinois	Lee	15,115	47.6
Indiana	1459	Indiana	Jasper	5,800	27.2
Indiana	2481	Indiana	Lawrence	12,000	17.4
Kansas	2075	Kansas	Reno	39,712	47.25
Kansas	2461	Kansas	Johnson	66,377	8.2
Kansas	406	Kansas	Johnson	54,985	24.6
Kentucky	2652	Kentucky	Warren	67,233	21.6
Louisiana	1567	Louisiana	Livingston	12,342	46.33
Louisiana	1794	Louisiana	Plaquemines	7,500	38.5
Louisiana	1929	Louisiana	Ouachita	30,000	N/A
Louisiana	1962	Louisiana	Beauregard	11,000	69.67
Louisiana	1978	Louisiana	Red River	19,000	N/A
Louisiana	1979	Louisiana	Iberia	36,123	new site
Louisiana	1980	Louisiana	Allen	8,137	63.5
Louisiana	1981	Louisiana	Richland	3,695	80.8
Louisiana	2012	Louisiana	Tangipahoa	6,000	69.8

Louisiana	2039	Louisiana	West Baton Rouge	6,416	65
Louisiana	2204	Louisiana	Saint Tammany	10,000	82.8
Massachusetts	2471	Massachusetts	Suffolk	5,424	26
Maine	1987	Maine	Waldo	4,000	N/A
Maine	1993	Maine	Penobscot	2,500	N/A
Maine	1996	Maine	Aroostook	5,000	N/A
Maine	347	Maine	Knox	7,000	N/A
Maine	475	Maine	Piscataquis	900	N/A
Michigan	1018	Michigan	Bay	20,000	30
Michigan	1020	Michigan	Dickinson	3,200	30
Michigan	1040	Michigan	Ottawa	3,535	27.75
Michigan	1040	Michigan	Ottawa	11,200	22.6
Michigan	1048	Michigan	Calhoun	6,964	1
Michigan	1086	Michigan	Ottawa	20,000	19.25
Michigan	1102	Michigan	Dickinson	13,500	12.67
Michigan	1125	Michigan	Marquette	3,500	N/A
Michigan	1136	Michigan	Clare	3,042	39
Michigan	1155	Michigan	Tuscola	3,000	43
Michigan	1168	Michigan	Kent	68,000	N/A
Michigan	1598	Michigan	Wexford	10,450	33
Michigan	1600	Michigan	Mason	8,100	0
Michigan	1729	Michigan	Wayne	51,939	N/A
Michigan	2047	Michigan	Allegan	11,000	N/A
Michigan	801	Michigan	Grand Traverse	29,400	36
Michigan	874	Michigan	Emmet	7,900	32
Michigan	891	Michigan	Kalamazoo	12,366	16.6
Michigan	896	Michigan	Wayne, Macomb	492,000	67.8
Michigan	898	Michigan	Oakland, Wayne	840,600	57.8
Minnesota	1048	Minnesota	Lyon	13,867	36.8
Minnesota	2230	Minnesota	Hennepin, Carver, Scott	296,546	37.6
Minnesota	2232	Minnesota	Saint Louis	4,904	36
Minnesota	2235	Minnesota	Sherburne	26,226	40.8
Minnesota	2243	Minnesota	Le Sueur	3,863	56
Minnesota	2252	Minnesota	Olmsted	122,657	26.8
Minnesota	249	Minnesota	Hennepin, Washington, Dakota, Anoka, Ramsey	1,913,563	35.8
Missouri	192	Missouri	Jasper	34,403	N/A
Missouri	195	Missouri	Cass, Jackson, Johnson	490,000	N/A
Missouri	200	Missouri	Johnson, Jackson, Wyandotte	61,250	91
Missouri	218	Missouri	Clay	35,300	58.33
Missouri	266	Missouri	Jefferson, Saint Louis	24,174	35.33
Missouri	280	Missouri	Vernon	8,082	56
Missouri	284	Missouri	Christian	20,000	58
Missouri	312	Missouri	Perry	9,000	N/A
Missouri	317	Missouri	Platte	8,000	49

Missouri	407	Missouri	Franklin	7,936	41.33
Missouri	441	Missouri	Howell	12,000	39.67
Missouri	827	Missouri	Dent	4,512	39
North Carolina	1611	North Carolina	Forsyth, Randolph, Davidson, Guilford	116,390	47.4
North Carolina	2017	North Carolina	Lincoln	15,042	38
North Carolina	2021	North Carolina	Union	70,608	71.6
North Carolina	2033	North Carolina	Henderson	43,633	64.8
North Carolina	2101	North Carolina	Lincoln	11,000	34
North Carolina	216	North Carolina	Scotland	15,527	44
North Carolina	345	North Carolina	Northampton, Halifax	14,320	49.8
North Carolina	405	North Carolina	Jackson	13,296	46.8
North Carolina	53	North Carolina	Carteret	3,500	50.4
North Carolina	84	North Carolina	Wake	84,189	16
North Carolina	93	North Carolina	Mecklenburg	182,501	55.8
Nebraska	1799	Nebraska	Nemaha	3,800	50.2
Nebraska	915	Nebraska	Dawes	5,561	31.2
Nebraska	918	Nebraska	Hall	52,000	N/A
Nebraska	920	Nebraska	Buffalo	33,790	44.8
New Hampshire	2085	New Hampshire	Strafford	32,000	23
New Hampshire	2093	New Hampshire	Sullivan	6,500	25.5
New Hampshire	2095	New Hampshire	Rockingham	22,000	28
New Jersey	1322	New Jersey	Union, Essex	1,300,000	36.4
New Jersey	1385	New Jersey	Hudson	145,000	23
New Jersey	1605	New Jersey	Bergen	564,563	36.8
New Jersey	1616	New Jersey	Monmouth	40,000	N/A
New Jersey	2107	New Jersey	Cumberland	30,000	74
New Jersey	2349	New Jersey	Atlantic	12,000	36
New Jersey	2350	New Jersey	Morris	24,530	46.2
New Jersey	2355	New Jersey	Union	204,148	35.6
New Jersey	2377	New Jersey	Monmouth	47,357	28.4
New Jersey	2400	New Jersey	Salem	5,500	53.67
New Mexico	1362	New Mexico	Luna	14,000	new site
New York	1009	New York	Niagara	48,196	19
New York	1150	New York	Suffolk	7,741	47.4
New York	1404	New York	Rockland	10,890	34
New York	1460	New York	Orange	28,914	16
New York	1484	New York	Westchester	94,095	38.6
New York	1488	New York	Westchester	31,046	52.8
New York	1844	New York	Saint Lawrence	22,552	44.4
New York	1852	New York	Saint Lawrence	14,475	44
New York	1855	New York	Albany	31,023	27.4
New York	2007	New York	Wayne	5,145	60

New York	2050	New York	Nassau	5,824	68.67
New York	2080	New York	Nassau	27,494	34
New York	2110	New York	Rensselaer	13,720	54
New York	2176	New York	Chemung	38,037	30.67
New York	2181	New York	Monroe	487,322	15.2
New York	2182	New York	Orange	6,369	30
New York	2189	New York	Ulster	10,577	69.5
New York	2194	New York	Saratoga	152,482	0
New York	2197	New York	Essex	3,263	49.67
New York	2201	New York	Oswego	14,199	39.4
New York	2264	New York	Nassau	8,288	27.8
New York	2268	New York	Onondaga	3,272	5
New York	2280	New York	Seneca	6,160	35.33
New York	2281	New York	Chautauqua	3,365	31.5
New York	300	New York	Otsego	19,383	19.33
New York	426	New York	Orange	6,729	33.75
New York	477	New York	Essex	3,076	41.33
New York	483	New York	Delaware	3,581	31.67
New York	513	New York	Onondaga	30,613	54
New York	524	New York	Orange	36,227	25.2
New York	529	New York	Orange	8,568	15.6
New York	531	New York	Jefferson	4,077	45.67
New York	532	New York	Onondaga	25,965	24.67
New York	776	New York	Ulster	26,599	32.6
New York	986	New York	Washington	12,260	20.67
New York	997	New York	Genesee	16,459	53.2
Ohio	127	Ohio	Montgomery	226,729	17.25
Ohio	1805	Ohio	Huron	3,276	64
Ohio	1957	Ohio	Lake	20,000	16.8
Ohio	214	Ohio	Fairfield	24,303	7.75
Ohio	233	Ohio	Richland	52,000	10.4
Ohio	235	Ohio	Washington	15,284	N/A
Ohio	273	Ohio	Hamilton	76,000	17.6
Ohio	309	Ohio	Licking	3,300	21.25
Ohio	326	Ohio	Scioto	20,366	22.2
Ohio	36	Ohio	Summit	363,897	24.4
Ohio	395	Ohio	Hamilton	34,000	19.6
Ohio	398	Ohio	Lucas	322,446	21.8
Ohio	403	Ohio	Montgomery	65,000	29.8
Ohio	54	Ohio	Greene	46,160	19.8
Ohio	79	Ohio	Stark	85,000	12.6
Ohio	859	Ohio	Mercer	4,800	18.8
Oklahoma	2576	Oklahoma	Muskogee	36,790	N/A
Oregon	2639	Oregon	Multnomah	45,600	28

Oregon	932	Oregon	Deschutes	92,850	4.67
Oregon	935	Oregon	Polk	16,555	23
Oregon	949	Oregon	Washington	40,000	18.67
Oregon	951	Oregon	Umatilla	18,775	13.33
Oregon	953	Oregon	Klamath	28,000	4.33
Oregon	956	Oregon	Jackson	133,708	1.5
Oregon	965	Oregon	Marion	10,520	18.33
Oregon	967	Oregon	Marion	10,840	37
Oregon	971	Oregon	Lane	235,155	7.5
Pennsylvania	1366	Pennsylvania	Dauphin	125,000	29.6
Pennsylvania	1368	Pennsylvania	Westmoreland, Armstrong	34,200	37
Pennsylvania	1376	Pennsylvania	Westmoreland	4,600	21.2
Pennsylvania	1390	Pennsylvania	Monroe	25,000	52.8
Pennsylvania	1553	Pennsylvania	Mckean	14,194	36.2
Pennsylvania	1777	Pennsylvania	Monroe	4,000	21.4
Pennsylvania	2307	Pennsylvania	Montgomery	35,000	54
Pennsylvania	2308	Pennsylvania	Montgomery	8,900	37.6
Pennsylvania	2329	Pennsylvania	Montgomery	35,000	37.5
Pennsylvania	2362	Pennsylvania	Allegheny	900,000	60.2
Rhode Island	677	Rhode Island	Bristol	21,100	26.4
South Carolina	1871	South Carolina	Beaufort	20,000	54
South Carolina	884	South Carolina	Greenville	143,531	N/A
South Carolina	908	South Carolina	Richland	60,000	18.5
Texas	113	Houston	Harris	3,825	43.67
Texas	201	Houston	Harris	124,000	46
Texas	207	Houston	Harris, Montgomery	52,055	48.5
Texas	250	Houston	Harris	20,161	44.67
Texas	290	Houston	Harris	95,600	50.67
Texas	307	Houston	Harris	5,497	42.33
Texas	366	Houston	Harris	109,414	63.33
Texas	367	Houston	Harris	109,414	36
Texas	406	Houston	Harris	59,188	38.67
Texas	443	Houston	Harris	3,623	24
Texas	449	Houston	Harris	8,610	37
Texas	56	Houston	Harris	70,900	35.67
Utah	1077	Utah	Wasatch	5,806	new site
Utah	11	Utah	Utah, Salt Lake	94,484	new site
Utah	12	Utah	Cache	94,005	new site
Utah	16	Utah	Weber, Davis	228,700	new site
Utah	20	Utah	Utah	21,231	new site
Utah	21	Utah	Duchesne	6,790	new site
Utah	22	Utah	Summit	23,946	new site
Utah	24	Utah	Davis	84,981	new site
Utah	28	Utah	Salt Lake	209,645	new site

Utah	2	Utah	Uintah	29,513	new site
Utah	5	Utah	Iron	32,451	new site
Virginia	1576	Virginia	Loudoun	300,000	N/A
Virginia	177	Virginia	Chesapeake City, Virginia Beach City	530,848	54.67
Virginia	181	Virginia	Williamsburg City, Newport News City, York, New Kent, James City	69,059	84.33
Virginia	1826	Virginia	Wise, Norton City	14,000	71.75
Virginia	1831	Virginia	Rockingham, Harrisonburg City	81,000	81.75
Virginia	1833	Virginia	Montgomery, Pulaski, Radford	70,000	65.75
Virginia	1834	Virginia	Bedford City, Roanoke, Roanoke City, Salem, Botetourt, Bland	300,000	54
Virginia	1837	Virginia	Russell	3,100	72.33
Virginia	1985	Virginia	Clifton Forge City	4,000	57.5
Virginia	2078	Virginia	Fairfax, Falls Church City, Arlington, Alexandria City	232,965	35
Virginia	2290	Virginia	Henrico	330,000	N/A
Washington	2104	Washington	Kittitas	21,761	41.75
Washington	2105	Washington	Island	24,180	17.6
Washington	2414	Washington	Snohomish	20,000	6
Washington	2424	Washington	Skagit	17,000	6.2
Washington	2438	Washington	Clark	162,100	5
Washington	2444	Washington	Snohomish	173,800	7.6
Washington	2534	Washington	Clark	81,140	13.2
Washington	755	Washington	Benton	15,000	17.67
Washington	760	Washington	Spokane	120,000	8
Wisconsin	153	Wisconsin	Waukesha	51,000	49.4
Wisconsin	172	Wisconsin	Washington, Dodge	16,000	47.67
Wisconsin	223	Wisconsin	Columbia	3,100	42
Wisconsin	243	Wisconsin	Juneau	4,400	10.33
Wisconsin	260	Wisconsin	Green	11,000	26
Wisconsin	297	Wisconsin	Jefferson, Waukesha	22,000	34.6
Wisconsin	325	Wisconsin	Columbia	11,000	65.2
Wisconsin	389	Wisconsin	Portage	27,000	51
Wisconsin	392	Wisconsin	Douglas	28,000	25
Wisconsin	432	Wisconsin	Waupaca	8,000	29.2
Wisconsin	433	Wisconsin	Marathon	42,350	48.4
West Virginia	1861	West Virginia	Wayne, Cabell	56,000	39.67
West Virginia	2545	West Virginia	Monongalia	2,000	N/A
West Virginia	2646	West Virginia	Putnam	4,900	N/A
Wyoming	2626	Wyoming	Sweetwater	12,000	9.2
Wyoming	2627	Wyoming	Carbon	8,298	6.8
Wyoming	2628	Wyoming	Sheridan	19,000	7.8
Alaska	2609	Alaska	Anchorage	220,000	10.86
Alabama	1718	Alabama	Jefferson	225,000	31.14
Alabama	1719	Alabama	Jefferson	200,000	53.71
Arkansas	2588	Arkansas	Boone	15,000	37.86

California	1690	California	Los Angeles	4,000,000	10.71
California	1703	California	Marin	53,000	38.57
California	1869	California	Riverside	350,000	16
California	1873	California	Alameda	47,229	28.4
California	1882	California	San Benito	42,000	26.2
California	1885	California	San Luis Obispo	31,037	31.71
California	1910	California	Stanislaus	86,000	36.71
Delaware	1930	Delaware	Sussex	13,172	57.29
Florida	1897	Florida	Palm Beach	90,000	29.43
Florida	2359	Florida	Pinellas	47,790	29.1
Georgia	1663	Georgia	Fulton	189,593	18.43
Hawaii	2297	Hawaii	Honolulu	300,000	18.14
Iowa	1783	Iowa	Muscatine	24,400	45.43
Iowa	1791	Iowa	Wapello	25,529	38.43
Idaho	1842	Idaho	Ada	186,901	22
Idaho	1879	Idaho	Kootenai	50,540	29.57
Idaho	813	Idaho	Ada	108,556	38.57
Illinois	1721	Illinois	Du Page	63,000	38.6
Kansas	1813	Kansas	Wyandotte	15,000	51.43
Maryland	1808	Maryland	Saint Marys	55,000	34.14
Michigan	1691	Michigan	Jackson	90,000	57.86
Michigan	1781	Michigan	Kent	75,000	28.29
Michigan	1878	Michigan	Washtenaw	125,000	27
Minnesota	1886	Minnesota	Olmsted	120,000	25
Mississippi	2480	Mississippi	Jackson	34,333	32.67
North Carolina	1662	North Carolina	Forsyth	92,000	54.43
North Carolina	2605	North Carolina	Wilson	50,000	33
New Jersey	1907	New Jersey	Monmouth	52,672	46.57
New York	2608	New York	Tompkins	90,000	34.5
Pennsylvania	1737	Pennsylvania	Delaware	220,000	N/A
South Dakota	2606	South Dakota	Yankton	20,000	57.86
Texas	1949	Texas	Montgomery	15,000	26
Virginia	1828	Virginia	Stafford	50,000	49.86
West Virginia	2604	West Virginia	Ohio	100,000	14.43
Alabama	2629	Alabama	Lee	70,000	24
Arkansas	1542	Arkansas	Pulaski	30,377	25.8
Arkansas	2631	Arkansas	Greene	25,000	52.6
Arkansas	2686	Arkansas	Garland	38,000	new site
California	1668	California	Contra Costa	495,000	53.4
California	2638	California	El Dorado	30,000	31.4
California	2680	California	Sonoma	237,800	new site
California	2684	California	Santa Cruz	164,000	new site
California	2685	California	San Luis Obispo	15,000	new site
Connecticut	2645	Connecticut	Fairfield	52,268	18.4

Florida	1631	Florida	Orange	80,000	16.4
Florida	1715	Florida	Orange	463,672	21
Hawaii	2484	Hawaii	Hawaii	32,604	7.5
Hawaii	2668	Hawaii	Honolulu	340,000	27.2
Kansas	2670	Kansas	Shawnee	95,000	10.8
Louisiana	1651	Louisiana	Lafayette	5,000	25
Louisiana	2665	Louisiana	Saint Tammany	15,000	new site
Maryland	1260	Maryland	Anne Arundel	89,319	new site
Maryland	1284	Maryland	Anne Arundel	78,365	new site
Maine	2077	Maine	Penobscot	20,000	14
Maine	2498	Maine	Cumberland	8,500	12.4
Maine	65	Maine	Lincoln	2,222	32.6
North Carolina	2596	North Carolina	Pender, Duplin	10,000	23.8
South Carolina	2564	South Carolina	Horry	12,000	25
Tennessee	2690	Tennessee	Chester	3,710	new site
Texas	1140	Texas	Travis	539,116	11
Texas	2661	Texas	Webb	30,000	35.6
Virginia	2648	Virginia	Martinsville City, Henry	63,000	38
Wyoming	2502	Wyoming	Sheridan	18,000	12
Arizona	1053	Arizona	Yuma	8,271	50.8
Arizona	1055	Arizona	Yuma	8,271	34.75
Arizona	1212	Arizona	Maricopa	12,542	30.6
Arizona	1271	Arizona	Pima	23,000	35.8
Arizona	808	Arizona	Mohave	37,500	30.8
California	1524	California	Plumas	4,217	20.8
California	2061	California	San Joaquin	320,000	N/A
California	2062	California	San Joaquin	98,601	N/A
California	211	California	Los Angeles	3,500,000	16.5
California	2330	California	Santa Barbara	77,600	39
California	2338	California	Butte	44,000	17.43
California	2411	California	Butte	101,299	10.43
Colorado	1024	Colorado	Archuleta	27,857	72.67
Colorado	116	Colorado	El Paso	102,204	32.33
Colorado	117	Colorado	El Paso	303,855	35
Colorado	122	Colorado	Summit	7,857	40.25
Colorado	1514	Colorado	El Paso	5,936	64.6
Colorado	1518	Colorado	El Paso	9,286	40
Colorado	151	Colorado	Larimer	92,127	20.6
Colorado	1563	Colorado	Elbert	3,571	7.5
Colorado	224	Colorado	Boulder, Weld	75,544	42.5
Colorado	370	Colorado	Larimer	23,194	10.75
Colorado	49	Colorado	Arapahoe, Adams	268,004	42.2
Colorado	656	Colorado	La Plata	23,429	9
Colorado	66	Colorado	Boulder	89,383	15

Colorado	747	Colorado	Arapahoe	25,714	40.67
Colorado	845	Colorado	Summit	14,286	36.8
Connecticut	686	Connecticut	New Haven	115,000	13.2
Delaware	1183	Delaware	Sussex	7,000	40.8
Delaware	1185	Delaware	Sussex	4,392	46
Delaware	1187	Delaware	New Castle	17,145	53
Delaware	1192	Delaware	Sussex	7,000	54.2
Delaware	1194	Delaware	New Castle	539,000	43.8
Florida	1631	Florida	Orange	50,000	40.6
Florida	669	Florida	Orange	277,823	48.4
Georgia	2697	Georgia	Laurens	17,000	35
Georgia	2702	Georgia	Richmond	198,000	27.8
Georgia	2707	Georgia	Houston	120,000	42.5
Idaho	1801	Idaho	Payette	6,350	19.33
Idaho	818	Idaho	Ada	120,344	N/A
Illinois	1816	Illinois	Madison	26,000	47.6
Illinois	1943	Illinois	Sangamon	102,000	50.4
Illinois	603	Illinois	Kane	11,290	15.6
Illinois	607	Illinois	Boone	25,134	26.2
Illinois	611	Illinois	Fulton	13,506	48.8
Illinois	612	Illinois	Greene	3,064	35.4
Illinois	620	Illinois	Macon	88,500	33.2
Illinois	632	Illinois	Cook	270,647	23.71
Illinois	633	Illinois	Warren	10,836	25.4
Illinois	635	Chicago	Cook	3,816	21.4
Illinois	642	Illinois	Du Page	164,781	41.4
Illinois	699	Illinois	Tazewell	32,540	32
Illinois	871	Illinois	La Salle	18,768	29.25
Illinois	978	Illinois	Mclean	42,000	37.8
Illinois	981	Illinois	De Kalb	45,000	40
Illinois	982	Illinois	Cook	1,263,110	16.57
Indiana	1458	Indiana	Noble	10,000	32
Indiana	1479	Indiana	Elkhart	35,000	36.2
Indiana	1619	Indiana	Marion	800,000	38.6
Indiana	2337	Indiana	Tippecanoe	60,000	19.6
Indiana	2341	Indiana	St Joseph	130,000	18.4
Indiana	2342	Indiana	Vigo	58,500	20.6
Indiana	2343	Indiana	Wayne	36,000	56.2
Indiana	828	Indiana	Hamilton	86,000	21
Kansas	2465	Kansas	Johnson	42,235	8.2
Kentucky	2651	Kentucky	Calloway	28,837	40
Kentucky	2655	Kentucky	Shelby	32,160	49
Louisiana	1758	Louisiana	Pointe Coupee	5,303	12.5
Louisiana	1858	Louisiana	Terrebonne	30,000	N/A

Louisiana	1919	Louisiana	Bienville	3,500	26.6
Louisiana	1924	Louisiana	Ouachita	76,000	63.8
Louisiana	1928	Louisiana	Ouachita	12,600	N/A
Louisiana	1959	Louisiana	Washington	13,675	63.75
Louisiana	1964	Louisiana	Union	4,000	67.2
Louisiana	1965	Louisiana	Saint Mary	9,700	80.4
Louisiana	1968	Louisiana	East Feliciana	7,811	60.25
Louisiana	1973	Louisiana	Livingston	7,477	N/A
Louisiana	1976	Louisiana	Jefferson	173,101	84.4
Louisiana	2225	Louisiana	Jefferson	10,800	52.25
Louisiana	2691	Louisiana	Caddo	5,300	new site
Massachusetts	2471	Massachusetts	Suffolk	3,196	26
Massachusetts	2471	Massachusetts	Suffolk	42,494	25.6
Maine	1206	Maine	York	21,000	N/A
Maine	1990	Maine	Penobscot	57,000	N/A
Maine	1991	Maine	Washington	2,592	N/A
Maine	1992	Maine	Cumberland	65,000	N/A
Maine	1998	Maine	Washington	1,635	N/A
Maine	2000	Maine	Aroostook	9,000	N/A
Maine	2001	Maine	Cumberland	24,000	N/A
Maine	2111	Maine	Franklin	1,100	N/A
Maine	65	Maine	Lincoln	1,759	N/A
Michigan	1088	Michigan	Ottawa	25,000	26.25
Michigan	1091	Michigan	Schoolcraft	3,412	69.33
Michigan	1092	Michigan	Chippewa	15,000	25.33
Michigan	1096	Michigan	Muskegon	125,000	55.2
Michigan	1121	Michigan	Saginaw	6,300	30.33
Michigan	1122	Michigan	Otsego	3,670	37.67
Michigan	1125	Michigan	Marquette	4,500	N/A
Michigan	1125	Michigan	Marquette	4,500	N/A
Michigan	1138	Michigan	Isabella	25,629	N/A
Michigan	1167	Michigan	Kent	15,000	N/A
Michigan	1599	Michigan	Eaton	9,074	15.8
Michigan	1815	Michigan	Arenac	5,500	9.2
Michigan	1945	Michigan	Livingston	9,000	54.78
Michigan	756	Michigan	Kent	265,000	N/A
Michigan	757	Michigan	Jackson	90,000	11.46
Michigan	800	Michigan	Genesee	95,000	21.3
Michigan	801	Michigan	Grand Traverse	10,000	55.33
Michigan	801	Michigan	Grand Traverse	45,000	50.4
Michigan	823	Michigan	Houghton	14,000	19.4
Michigan	860	Michigan	Gratiot	8,976	69.6
Michigan	889	Michigan	Ottawa	6,657	10.4
Michigan	889	Michigan	Ottawa	6,524	31.2

Michigan	889	Michigan	Ottawa	45,608	19.8
Michigan	890	Michigan	Ottawa	15,498	24.8
Michigan	890	Michigan	Ottawa	8,278	28.4
Michigan	890	Michigan	Ottawa	36,912	5.2
Michigan	891	Michigan	Kalamazoo	14,378	19
Michigan	891	Michigan	Kalamazoo	39,068	11
Minnesota	2231	Minnesota	Isanti	9,604	16.4
Minnesota	2233	Minnesota	Washington	83,209	45.8
Minnesota	2237	Minnesota	Otter Tail	13,922	47.4
Minnesota	2246	Minnesota	Clay	44,602	38.2
Minnesota	2248	Minnesota	Scott, Le Sueur	8,201	21.4
Minnesota	2253	Minnesota	Hennepin	10,308	35.5
Minnesota	2257	Minnesota	Carlton, Saint Louis	98,018	71
Minnesota	2259	Minnesota	Winona	27,684	24.67
Minnesota	2260	Minnesota	Nobles	13,372	20.4
Missouri	190	Missouri	Cole, Callaway	41,153	75.67
Missouri	194	Missouri	Clay, Platte	76,759	N/A
Missouri	196	Missouri	Jackson	25,000	N/A
Missouri	198	Missouri	Clay	12,000	38.67
Missouri	202	Missouri	Dunklin	11,300	77
Missouri	265	Missouri	Saint Louis	149,112	39
Missouri	365	Missouri	New Madrid, Scott	17,000	68.5
Missouri	380	Missouri	Greene	22,818	36
Missouri	424	Missouri	Johnson	14,477	34
Missouri	438	Missouri	Saint Charles	44,852	52
Missouri	63	Missouri	Polk	10,500	48
Missouri	858	Missouri	Jackson, Cass	367,300	N/A
Montana	2407	Montana	Park	8,700	20.67
Montana	2635	Montana	Hill	10,000	new site
North Carolina	1031	North Carolina	Onslow	41,819	46.4
North Carolina	144	North Carolina	Cumberland	151,589	56.4
North Carolina	166	North Carolina	Guilford	135,821	45.4
North Carolina	2013	North Carolina	Union	17,000	64.6
North Carolina	2015	North Carolina	Gaston	6,700	44.2
North Carolina	2020	North Carolina	Cabarrus	226,400	77.6
North Carolina	271	North Carolina	Buncombe, Henderson	173,000	41.4
North Carolina	288	North Carolina	Catawba	40,488	43.6
North Carolina	303	North Carolina	Orange, Durham	78,141	30.8
North Carolina	334	North Carolina	Wake	30,655	21.5
North Carolina	369	North Carolina	Orange, Durham	108,105	15.2
North Carolina	450	North Carolina	New Hanover	58,361	25
North Carolina	452	North Carolina	Forsyth	178,000	45
North Carolina	85	North Carolina	Wake	74,331	41.8
North Carolina	92	North Carolina	Mecklenburg	68,685	52.2

North Carolina	94	North Carolina	Mecklenburg	120,000	51.2
Nebraska	1331	Nebraska	York	8,000	17.4
Nebraska	922	Nebraska	Lancaster	100,000	26.2
Nebraska	925	Nebraska	Lancaster	200,000	15.8
New Hampshire	2087	New Hampshire	Rockingham	20,000	62.67
New Hampshire	2089	New Hampshire	Cheshire	30,000	46
New Hampshire	2096	New Hampshire	Grafton	7,000	N/A
New Jersey	1453	New Jersey	Monmouth	47,000	50.4
New Jersey	2351	New Jersey	Burlington	19,980	45.33
New Jersey	2352	New Jersey	Cumberland	30,000	65.8
New Jersey	2356	New Jersey	Hudson	22,181	14
New Jersey	2373	New Jersey	Hunterdon	9,440	10.8
New Jersey	784	New Jersey	Somerset, Middlesex, Union	880,000	42.4
New Mexico	1475	New Mexico	Otero	36,000	new site
Nevada	1117	Nevada	Carson City	52,000	84
New York	1007	New York	Genesee	4,191	62.33
New York	1013	New York	Erie	14,742	28.6
New York	1022	New York	Schenectady	78,444	27.8
New York	1042	New York	Columbia	6,374	40.67
New York	1044	New York	Suffolk	24,147	16.2
New York	1045	New York	Essex	6,264	23.25
New York	1068	New York	Tompkins	56,967	0
New York	1099	New York	Wyoming	3,448	19.33
New York	1171	New York	Schoharie	5,326	32.33
New York	1405	New York	Rockland	4,115	N/A
New York	1486	New York	Westchester	40,301	38.5
New York	1504	New York	Sullivan	6,639	37
New York	1557	New York	Orange	6,563	27.33
New York	1821	New York	Dutchess	14,525	40
New York	1931	New York	Albany	21,281	37.5
New York	1937	New York	Livingston	5,361	47.67
New York	2025	New York	Niagara	38,971	64.67
New York	2102	New York	Ontario	16,507	2
New York	2177	New York	Chemung	18,085	35.33
New York	2179	New York	Erie	24,461	N/A
New York	2186	New York	Niagara	31,032	60.6
New York	2200	New York	Jefferson	26,270	20.6
New York	2272	New York	Saint Lawrence	11,269	53.6
New York	2287	New York	Oneida	3,210	29.67
New York	2333	New York	Dutchess	3,391	new site
New York	515	New York	Madison	4,843	40.33
New York	522	New York	Orange	27,434	31.2

New York	580	New York	Monroe	43,074	20.4
New York	694	New York	Franklin	7,175	41.67
New York	721	New York	Rensselaer	79,699	27.6
New York	723	New York	Seneca	6,961	25.67
New York	869	New York	Warren	23,462	29
New York	996	New York	Erie	142,478	48.2
New York	998	New York	Erie	431,141	41
Ohio	112	Ohio	Wayne	27,000	5.6
Ohio	140	Ohio	Lorain	54,500	11
Ohio	157	Ohio	Sandusky	25,000	30
Ohio	205	Ohio	Hardin	8,500	49.33
Ohio	2473	Ohio	Knox	7,000	6
Ohio	263	Ohio	Knox	18,000	8
Ohio	274	Ohio	Henry	8,749	12.8
Ohio	291	Ohio	Huron	17,000	24.6
Ohio	301	Ohio	Lucas	17,000	7.4
Ohio	304	Ohio	Butler	22,000	28.8
Ohio	411	Ohio	Wyandot	6,700	15.2
Ohio	442	Ohio	Montgomery	79,000	11.6
Oklahoma	2566	Oklahoma	Pontotoc	16,738	37.5
Oklahoma	2568	Oklahoma	Washington	36,495	N/A
Oklahoma	2572	Oklahoma	Bryan	18,589	27
Oklahoma	2583	Oklahoma	Payne	48,134	N/A
Oregon	934	Oregon	Benton	58,856	0
Oregon	936	Oregon	Lane	8,925	34
Oregon	942	Oregon	Washington	220,000	29.33
Oregon	943	Oregon	Washington	40,000	33.33
Oregon	945	Oregon	Multnomah	662,235	12
Oregon	955	Oregon	Yamhill	34,615	11
Oregon	959	Oregon	Umatilla	17,500	21.5
Oregon	960	Oregon	Douglas	30,000	21
Oregon	961	Oregon	Marion	229,000	19
Pennsylvania	1455	Pennsylvania	Delaware	6,800	24.6
Pennsylvania	1533	Pennsylvania	Centre	90,000	22.29
Pennsylvania	1554	Pennsylvania	Mercer	16,000	45.33
Pennsylvania	2328	Pennsylvania	Montgomery	70,000	N/A
Pennsylvania	2364	Pennsylvania	Allegheny	7,000	66.4
Pennsylvania	2365	Pennsylvania	Allegheny	48,000	62.5
Pennsylvania	2367	Pennsylvania	Allegheny	5,191	62
Pennsylvania	2368	Pennsylvania	Allegheny	43,482	65.8
Rhode Island	464	Rhode Island	Providence	240,000	new site
Rhode Island	835	Rhode Island	Bristol	11,000	11.75
South Carolina	877	South Carolina	Kershaw	8,825	42.5
South Carolina	885	South Carolina	Georgetown	30,000	30.25

South Carolina	909	South Carolina	Horry	195,000	14.5
Tennessee	1323	Tennessee	Shelby	300,000	37
Texas	135	Houston	Harris	16,030	49.67
Texas	149	Houston	Harris	4,170	36
Texas	160	Houston	Harris	40,689	56
Texas	183	Houston	Harris	16,804	35
Texas	35	Houston	Harris	551,150	44.67
Texas	40	Houston	Harris	117,968	38.67
Texas	435	Houston	Harris	33,645	47.33
Texas	439	Houston	Harris	85,129	32
Texas	97	Houston	Harris	37,359	47.67
Utah	10	Utah	Cache	9,095	new site
Utah	15	Utah	Grand, San Juan	9,896	new site
Utah	18	Utah	Utah	102,624	new site
Utah	19	Utah	Carbon	17,312	new site
Utah	26	Utah	Utah	53,313	new site
Utah	33	Utah	Utah	253,112	new site
Utah	9	Utah	Davis, Weber	208,850	new site
Virginia	178	Virginia	Isle Of Wight, Suffolk City, Chesapeake City, Portsmouth City	197,608	60
Virginia	1828	Virginia	Stafford	44,000	N/A
Virginia	1829	Virginia	Amherst, Lynchburg City, Campbell, Bedford City	220,000	40.25
Virginia	2035	Virginia	Hampton City, Newport News City	118,497	76.67
Virginia	2036	Virginia	James City, York, Hampton City, Newport News City	141,543	66
Virginia	38	Virginia	Alexandria City, Fairfax	300,000	40.25
Virginia	61	Virginia	Montgomery	52,500	44.5
Washington	1076	Washington	Chelan	35,550	17.2
Washington	1143	Washington	Pierce	43,000	5.8
Washington	1397	Washington	Pierce	295,855	7.2
Washington	1635	Washington	Yakima	117,072	13.2
Washington	2419	Washington	Pierce, King	896,000	24.2
Washington	2445	Washington	Skagit	35,600	33
Washington	351	Washington	Clark	120,000	7.75
Washington	676	Washington	King, Snohomish	288,000	18.4
Wisconsin	128	Wisconsin	Brown	43,000	30.6
Wisconsin	164	Wisconsin	Brown, Kewaunee	189,000	41.4
Wisconsin	1851	Wisconsin	Walworth	30,000	19.2
Wisconsin	189	Wisconsin	Rock	63,500	37.6
Wisconsin	203	Wisconsin	Kenosha	122,000	33.6
Wisconsin	209	Wisconsin	La Crosse	85,000	62.6
Wisconsin	246	Wisconsin	Dunn	16,000	17.67
Wisconsin	248	Wisconsin	Lincoln	9,700	21
Wisconsin	2499	Wisconsin	Fond Du Lac	65,000	25.4
Wisconsin	2528	Wisconsin	Dane	42,734	23.2
Wisconsin	2529	Wisconsin	Dane	70,024	21.8

Wisconsin	256	Wisconsin	Ozaukee, Milwaukee	470,007	48.4
Wisconsin	302	Wisconsin	Winnebago	78,300	19
Wisconsin	41	Wisconsin	Outagamie, Winnebago, Calumet	72,810	21.8
West Virginia	1860	West Virginia	Kanawha	9,000	N/A
West Virginia	1863	West Virginia	Cabell	7,000	28.63
West Virginia	1864	West Virginia	Cabell	7,200	30.43
West Virginia	2541	West Virginia	Preston	700	N/A
West Virginia	2544	West Virginia	Jefferson	17,000	N/A
West Virginia	2547	West Virginia	Randolph	13,156	N/A
West Virginia	2550	West Virginia	Mineral	8,168	N/A
West Virginia	2553	West Virginia	Marshall	12,000	N/A
West Virginia	2555	West Virginia	Mason	5,515	N/A
West Virginia	2556	West Virginia	Mercer	36,000	N/A
West Virginia	2562	West Virginia	Ohio	50,000	N/A
Wyoming	2625	Wyoming	Laramie	74,600	8
Alabama	1716	Alabama	Jefferson	30,000	49.71
California	1695	California	Marin	30,000	28.88
California	1760	California	Yolo	4,006	39.43
California	1766	California	Yolo	7,286	51
California	1790	California	Orange	120,000	23.14
California	1887	California	San Mateo	150,000	20.71
California	1905	California	Marin	30,000	41.29
California	2590	California	Alameda	50,000	23.57
California	305	California	Santa Clara	236,000	25.73
California	363	California	San Francisco, San Mateo	750,000	25.13
Connecticut	2603	Connecticut	Fairfield	140,000	23.57
Florida	1631	Florida	Orange	50,000	33.83
Georgia	1697	Georgia	Fulton	12,818	40.86
Hawaii	2299	Hawaii	Honolulu	390,000	26
Hawaii	2301	Hawaii	Honolulu	18,000	13.29
Iowa	1884	Iowa	Marshall	27,400	41
Indiana	1738	Indiana	Clark	25,000	41.43
Kansas	1895	Kansas	Douglas	80,000	31.86
Louisiana	2618	Louisiana	Orleans	50,591	17.57
Maryland	1782	Maryland	Washington	90,000	34.71
Maine	2611	Maine	Androscoggin	60,000	18.86
Michigan	1890	Michigan	Macomb	140,000	42.67
Michigan	2208	Michigan	Isabella	21,690	54
Minnesota	2263	Minnesota	Goodhue	16,000	50.43
Minnesota	2616	Minnesota	Benton, Stearns, Sherburne	120,000	34.57
Nebraska	2614	Nebraska	Lancaster	60,000	27.43
New Jersey	2222	New Jersey	Monmouth	100,000	48.14
New Jersey	2619	New Jersey	Somerset	130,000	49.29
New York	2601	New York	Oswego	30,000	27.57

Ohio	1891	Ohio	Mahoning	174,000	27.14
Pennsylvania	1667	Pennsylvania	Dauphin	125,000	30.57
Tennessee	2288	Tennessee	Walker, Dade, Catoosa, Hamilton	400,000	52.43
Texas	2325	Texas	Dallas	270,000	16.43
Utah	1708	Utah	Utah	115,000	51
Utah	1877	Utah	Salt Lake	600,000	36.43
Washington	2602	Washington	Snohomish	10,150	28.5
Alaska	1490	Alaska	Juneau	12,000	12.5
Alaska	1491	Alaska	Juneau	22,000	36.5
Alabama	2510	Alabama	Colbert	18,000	53
Arkansas	1543	Arkansas	Pulaski	23,812	19.4
California	1199	California	Kings	59,488	14.4
Connecticut	2650	Connecticut	New London	41,000	29
Hawaii	2672	Hawaii	Honolulu	400,000	40
Louisiana	1652	Louisiana	Lafayette	23,000	37
Louisiana	2694	Louisiana	Jefferson	64,000	new site
Maryland	1278	Maryland	Anne Arundel	22,660	new site
Maryland	2495	Maryland	Garrett	3,000	15.6
Maine	2475	Maine	York	20,000	15.25
Maine	2489	Maine	Piscataquis	1,000	37.8
Maine	2501	Maine	Sagadahoc	8,700	34.75
Missouri	2671	Missouri	Jefferson	48,000	new site
North Carolina	1220	North Carolina	Rowan	32,000	18
New Hampshire	2496	New Hampshire	Belknap, Oxford, Cumberland, Carroll	6,500	32.2
New Hampshire	2519	New Hampshire	Sullivan	6,000	18
Oklahoma	2512	Oklahoma	Garfield	50,350	30.4
Pennsylvania	2667	Pennsylvania	Montgomery	13,000	20
South Carolina	2634	South Carolina	Georgetown	12,000	29.67
Tennessee	2514	Tennessee	Bradley	43,750	19.4
Texas	2642	Texas	Webb	30,000	14.2
Texas	2666	Texas	Galveston	115,000	24
Texas	2673	Texas	Galveston	115,000	42.6
Texas	2689	Texas	Galveston	15,000	new site
Vermont	2644	Vermont	Bennington	20,000	28.2
Wisconsin	1277	Wisconsin	Dane	424,000	18.2
Wyoming	2476	Wyoming	Teton	13,000	32.75
Arizona	1054	Arizona	Yuma	10,873	N/A
Arizona	1212	Arizona	Maricopa	23,746	13.17
Arizona	1212	Arizona	Maricopa	88,521	20.17
Arizona	1212	Arizona	Maricopa	64,521	22.4
Arizona	1212	Arizona	Maricopa	6,500	4.67
Arizona	1382	Arizona	Maricopa	50,000	21.2
Arizona	1383	Arizona	Maricopa	2,400,000	27.4

Arizona	2523	Arizona	Maricopa	130,000	24.4
Arizona	590	Arizona	Pima	347,900	15.6
California	215	California	Los Angeles, Ventura	4,000,000	11.43
California	2369	California	Kings	56,000	17.57
California	2396	California	Sutter	70,000	9.29
California	2436	California	Del Norte	15,372	N/A
California	2636	California	Placer, El Dorado, Nevada	50,000	34.71
California	356	California	San Bernardino	325,000	11
California	363	California	San Francisco	3,882	28
California	363	California	San Francisco	11,738	8
California	363	California	San Francisco	6,308	31.57
California	363	California	San Francisco	4,416	27.86
California	88	California	Contra Costa	487,300	18.2
Colorado	1515	Colorado	El Paso	4,779	45.2
Colorado	1525	Colorado	Weld	13,779	37.5
Colorado	1592	Colorado	Montrose	30,857	33
Colorado	161	Colorado	Garfield	16,714	32.25
Colorado	733	Colorado	Douglas	34,786	31
Colorado	737	Colorado	Alamosa	18,364	31
Colorado	751	Colorado	Mesa	89,286	30.67
Colorado	928	Colorado	Weld	20,000	44.67
Connecticut	534	Connecticut	Fairfield	100,000	13.8
Connecticut	832	Connecticut	New London	40,000	14.8
Delaware	1186	Delaware	Sussex	4,050	31.4
Delaware	1191	Delaware	Sussex	75,000	21.2
Florida	1606	Florida	Lee	76,800	36
Florida	1735	Florida	Seminole, Orange	51,000	28
Florida	2422	Florida	Pinellas	220,000	28.8
Georgia	2698	Georgia	Forsyth	36,500	9.75
Georgia	2708	Georgia	Treutlen	3,100	65.4
Georgia	2711	Georgia	Bulloch	15,000	N/A
Idaho	1603	Idaho	Ada	117,635	N/A
Idaho	1916	Idaho	Canyon	100,200	N/A
Idaho	992	Idaho	Ada	167,500	N/A
Illinois	1252	Illinois	Du Page	59,805	25.8
Illinois	2125	Illinois	Saint Clair	32,289	34.6
Illinois	462	Illinois	Winnebago	353,599	52.8
Illinois	616	Illinois	Christian	12,663	21.25
Illinois	617	Illinois	Mchenry	36,552	31.6
Illinois	622	Illinois	Effingham	12,384	33.6
Illinois	624	Illinois	Stephenson	23,650	44.2
Illinois	626	Illinois	Knox	39,153	49.25
Illinois	627	Illinois	Morgan	23,818	17
Illinois	628	Illinois	Kankakee	56,317	34

Illinois	635	Chicago	Cook	125,995	27.8
Illinois	635	Illinois	Cook	1,134,897	36.71
Illinois	636	Illinois	Cook	110,394	31.33
Illinois	641	Illinois	Cook	217,106	22.43
Illinois	643	Illinois	Lake	55,735	25.6
Illinois	644	Illinois	Lake	105,208	34.8
Illinois	651	Illinois	Carroll	5,615	32.6
Illinois	653	Illinois	Macoupin	4,480	39.67
Illinois	654	Illinois	Whiteside	18,678	20.2
Illinois	674	Chicago	Cook	23,324	13.8
Illinois	731	Illinois	Bureau	5,400	35.75
Illinois	857	Illinois	Lawrence	4,399	24.25
Indiana	2357	Indiana	Hamilton	98,000	31
Indiana	772	Indiana	Monroe	67,500	20.8
Kansas	2464	Kansas	Johnson	112,076	52.2
Kentucky	2654	Kentucky	Madison	37,000	32.6
Louisiana	1574	Louisiana	Lafourche	14,566	89.6
Louisiana	1960	Louisiana	Jefferson	50,652	67.75
Louisiana	1977	Louisiana	Saint Mary	16,779	83.6
Louisiana	2011	Louisiana	Red River	3,838	N/A
Massachusetts	2471	Massachusetts	Suffolk	23,573	17.4
Massachusetts	2471	Massachusetts	Suffolk	24,142	32.4
Massachusetts	2471	Massachusetts	Suffolk	7,036	27.2
Maine	1988	Maine	Hancock	1,400	N/A
Maine	1994	Maine	Aroostook	2,400	N/A
Maine	1995	Maine	Kennebec	19,000	N/A
Maine	1999	Maine	Piscataquis	1,200	N/A
Maine	716	Maine	Cumberland	8,500	N/A
Michigan	1040	Michigan	Ottawa	3,511	15.2
Michigan	1049	Michigan	Allegan	3,777	9.8
Michigan	1050	Michigan	Saint Joseph	10,681	0
Michigan	1096	Michigan	Muskegon	32,000	78.33
Michigan	1106	Michigan	Iosco	5,000	55.33
Michigan	1125	Michigan	Marquette	25,000	N/A
Michigan	1166	Michigan	Huron	4,000	25.67
Michigan	1215	Michigan	Kent	41,000	N/A
Michigan	1216	Michigan	Midland	40,000	34.6
Michigan	1217	Michigan	Kent	145,000	13.5
Michigan	1585	Michigan	Kent	7,000	44.75
Michigan	1729	Michigan	Wayne	6,000	N/A
Michigan	761	Michigan	Lenawee	8,680	26.53
Michigan	762	Michigan	Washtenaw	330,000	7.62
Michigan	799	Michigan	Washtenaw	150,000	13.73
Michigan	822	Michigan	Delta	12,600	21

Michigan	861	Michigan	Saginaw	40,000	43.6
Michigan	890	Michigan	Ottawa	11,955	22.8
Michigan	891	Michigan	Kalamazoo	6,703	10.6
Michigan	891	Michigan	Kalamazoo	45,976	14.6
Minnesota	2226	Minnesota	Freeborn	17,930	18.4
Minnesota	2227	Minnesota	Dodge	13,919	50.75
Minnesota	2238	Minnesota	Mille Lacs	4,137	18.75
Minnesota	2240	Minnesota	Dakota	21,834	42
Minnesota	2245	Minnesota	Blue Earth	44,586	38.4
Minnesota	2247	Minnesota	Kanabec	3,631	48
Minnesota	2256	Minnesota	Pennington	9,265	67.4
Minnesota	2258	Minnesota	Kandiyohi	20,201	25
Missouri	119	Missouri	Boone	123,180	65.33
Missouri	132	Missouri	Saint Charles	58,777	38
Missouri	191	Missouri	Newton	15,906	N/A
Missouri	197	Missouri	Clay, Platte	13,940	57.67
Missouri	2068	Missouri	Laclede	15,000	new site
Missouri	253	Missouri	Audrain	11,500	56
Missouri	268	Missouri	Saint Louis	451,367	54.67
Missouri	270	Missouri	Saint Louis, Saint Charles	174,537	70.67
Missouri	385	Missouri	Buchanan	27,000	N/A
Missouri	386	Missouri	Saint Charles	60,000	62
Missouri	429	Missouri	Franklin	15,000	61.67
Missouri	71	Missouri	Linn	3,979	43.67
Missouri	87	Missouri	Barry	3,300	79
Missouri	95	Missouri	Livingston	9,000	62.33
Montana	977	Montana	Lewis And Clark	37,125	42
North Carolina	111	North Carolina	Wilson	49,384	45.2
North Carolina	1521	North Carolina	Mecklenburg	82,158	48
North Carolina	1523	North Carolina	Durham	142,000	52.8
North Carolina	2019	North Carolina	Cabarrus	6,898	62.4
North Carolina	237	North Carolina	Mcdowell	8,459	42.75
North Carolina	86	North Carolina	Wake	75,886	30.4
Nebraska	1493	Nebraska	Holt	3,700	32
Nebraska	987	Nebraska	Stanton, Madison	27,000	31.5
Nebraska	988	Nebraska	Lincoln	24,000	17.8
New Hampshire	2088	New Hampshire	Grafton	11,000	57.33
New Hampshire	2090	New Hampshire	Hillsborough	172,000	49.33
New Hampshire	2092	New Hampshire	Rockingham	3,500	52.33
New Jersey	1291	New Jersey	Passaic	54,000	33.4
New Jersey	2353	New Jersey	Morris	90,000	44
New Jersey	2354	New Jersey	Somerset	7,000	24

New Jersey	2423	New Jersey	Atlantic	250,000	25.2
New Mexico	2391	New Mexico	Sandoval	101,750	new site
New Mexico	2394	New Mexico	Dona Ana	8,127	new site
New Mexico	2649	New Mexico	Dona Ana	89,719	new site
New York	1008	New York	Orleans	6,191	0
New York	1010	New York	Monroe	155,096	30.6
New York	1021	New York	Nassau	20,616	22.25
New York	1041	New York	Suffolk	278,775	10
New York	1043	New York	Suffolk	3,349	N/A
New York	1078	New York	Wayne	8,931	31.5
New York	1098	New York	Sullivan	4,925	42
New York	1149	New York	Tioga	3,750	31.33
New York	1153	New York	Livingston	15,688	50.67
New York	1213	New York	Ontario	17,936	20.5
New York	1306	New York	Nassau	524,955	23
New York	1400	New York	Broome	24,672	38
New York	1402	New York	Clinton	20,893	43.2
New York	1403	New York	Rockland	12,676	22
New York	1485	New York	Westchester	78,683	22.33
New York	1487	New York	Westchester	44,876	32
New York	1800	New York	Dutchess	13,856	28.67
New York	1853	New York	Suffolk	7,499	37.33
New York	1854	New York	Suffolk	5,789	44
New York	1917	New York	Saint Lawrence	4,705	50.25
New York	2112	New York	Livingston	3,288	40.33
New York	2178	New York	Erie	6,908	50
New York	2180	New York	Broome	38,726	0
New York	2187	New York	Lewis	3,953	0
New York	2190	New York	Niagara	5,632	62
New York	2195	New York	Ulster	3,793	23
New York	2212	New York	Orange	5,672	N/A
New York	2213	New York	Oneida	6,076	32
New York	2219	New York	Oneida	3,990	48.5
New York	479	New York	Chenango	6,734	29.33
New York	521	New York	Onondaga	242,377	0
New York	525	New York	Onondaga	50,727	15
New York	567	New York	Fulton	23,379	47
New York	690	New York	Cortland	26,950	30.8
New York	691	New York	Herkimer	13,924	39.33
New York	718	New York	Schuyler	3,656	11.33
New York	719	New York	Nassau	24,041	22.25
New York	740	New York	Oneida	55,215	18
New York	836	New York	Nassau	611,349	37.2
New York	837	New York	Rockland	53,437	20.5

New York	838	New York	Rockland	207,430	30
New York	974	New York	Yates	5,339	N/A
New York	994	New York	Orleans	6,278	24.33
New York	999	New York	Chautauqua	12,616	25.4
Ohio	102	Ohio	Marion	36,000	35.2
Ohio	129	Ohio	Defiance	19,900	23
Ohio	134	Ohio	Montgomery	36,150	6.2
Ohio	1608	Ohio	Hocking	8,500	28
Ohio	170	Ohio	Butler	65,000	8.2
Ohio	204	Ohio	Portage	29,000	12.6
Ohio	228	Ohio	Lucas	110,000	14
Ohio	277	Ohio	Cuyahoga	524,154	22.2
Ohio	322	Ohio	Ottawa	7,000	34.8
Ohio	374	Ohio	Franklin	654,817	14.6
Ohio	382	Ohio	Clark	60,000	12.4
Ohio	388	Ohio	Jefferson	17,864	38.2
Ohio	422	Ohio	Trumbull	54,037	18.2
Ohio	46	Ohio	Ashtabula	31,430	23.6
Ohio	74	Ohio	Crawford	12,362	21.8
Ohio	82	Ohio	Carroll	3,500	50.4
Oklahoma	2573	Oklahoma	Garfield	49,583	48.33
Oklahoma	2575	Oklahoma	Oklahoma	57,288	62.33
Oklahoma	2584	Oklahoma	Cherokee	16,463	54
Oregon	469	Oregon	Jackson	21,105	14.67
Oregon	933	Oregon	Clackamas	14,206	14.33
Oregon	937	Oregon	Lincoln	8,865	31
Oregon	939	Oregon	Lincoln	10,400	34
Oregon	941	Oregon	Marion	26,273	9.33
Oregon	948	Oregon	Wasco	15,276	N/A
Oregon	950	Oregon	Josephine	37,725	6
Oregon	952	Oregon	Hood River	7,800	26.5
Pennsylvania	1358	Pennsylvania	Cumberland	25,000	41
Pennsylvania	1359	Pennsylvania	Erie	200,000	35.6
Pennsylvania	1367	Pennsylvania	Franklin	67,000	18.4
Pennsylvania	1370	Pennsylvania	Lehigh	200,000	new site
Pennsylvania	1370	Pennsylvania	Lehigh	200,000	29.2
Pennsylvania	1375	Pennsylvania	York	85,000	47.6
Pennsylvania	1530	Pennsylvania	Centre	12,000	46
Pennsylvania	1775	Pennsylvania	Lackawanna	15,700	28
Pennsylvania	1809	Pennsylvania	Chester	13,500	51
Pennsylvania	2329	Pennsylvania	Montgomery	35,000	new site
Rhode Island	548	Rhode Island	Providence	120,000	13.2
Rhode Island	565	Rhode Island	Kent	6,000	18
South Carolina	906	South Carolina	Lexington	40,000	26

Tennessee	1445	Tennessee	Sumner	45,000	79.67
Tennessee	1539	Tennessee	Sullivan	50,000	68
Texas	165	Houston	Harris, Fort Bend	28,742	37.33
Texas	176	Houston	Harris	9,375	59.67
Texas	272	Houston	Harris	4,010	57.67
Texas	287	Houston	Harris	12,892	46.33
Texas	288	Houston	Harris	33,102	32.67
Texas	350	Houston	Harris	20,608	51.67
Texas	373	Houston	Harris	32,485	50
Texas	434	Houston	Harris, Fort Bend	20,920	31.33
Texas	446	Houston	Harris	20,758	35.67
Utah	1077	Utah	Wasatch	19,936	new site
Utah	17	Utah	Utah	112,901	new site
Utah	1	Utah	Washington	24,970	new site
Utah	23	Utah	Summit	7,888	new site
Utah	25	Utah	Davis	21,872	new site
Utah	27	Utah	Washington	92,047	new site
Utah	29	Utah	Utah	12,510	new site
Utah	30	Utah	Salt Lake	254,971	new site
Utah	34	Utah	Box Elder	12,451	new site
Utah	3	Utah	Box Elder	21,443	new site
Utah	6	Utah	Davis	64,533	new site
Virginia	1830	Virginia	Albemarle, Charlottesville City	118,266	53
Virginia	1832	Virginia	Frederick	16,563	55.25
Virginia	2029	Virginia	Franklin	5,000	72.25
Virginia	2034	Virginia	Norfolk City	78,322	71.67
Virginia	2079	Virginia	Halifax	4,600	56.67
Virginia	2485	Virginia	Cumberland, Prince Edward	12,390	35.67
Virginia	342	Virginia	Goochland, Henrico, Richmond City	225,000	69.33
Washington	1398	Washington	Grant	8,475	1.67
Washington	1512	Washington	Whitman	35,812	4
Washington	1757	Washington	Thurston	119,790	5.2
Washington	2124	Washington	Whatcom	16,150	15.2
Washington	661	Washington	Snohomish	37,650	6.8
Washington	759	Washington	Spokane	225,000	6.6
Wisconsin	115	Wisconsin	Waupaca	4,500	39
Wisconsin	232	Wisconsin	Manitowoc	34,500	48
Wisconsin	2530	Wisconsin	Dane	106,791	19.8
Wisconsin	2532	Wisconsin	Dane	83,127	16.4
Wisconsin	331	Wisconsin	Racine	139,000	41.2
Wisconsin	364	Wisconsin	Sheboygan	70,000	36.4
West Virginia	1418	West Virginia	Marion	610	N/A
West Virginia	1865	West Virginia	Cabell	4,050	49.57
West Virginia	2551	West Virginia	Boone	4,555	N/A

West Virginia	2554	West Virginia	Wood	48,050	30.67
West Virginia	2558	West Virginia	Monongalia	48,328	19.27
West Virginia	2560	West Virginia	Doddridge	564	N/A
West Virginia	961	West Virginia	Harrison	1,853	N/A
Alabama	1664	Alabama	Jefferson	95,000	59.86
California	1219	California	Lake	9,000	30
California	1678	California	Santa Cruz	160,000	25.43
California	1679	California	Santa Cruz	160,000	46.86
California	1687	California	Sonoma	65,000	7.5
California	1693	California	Los Angeles	3,500,000	18.57
California	1720	California	Contra Costa	100,000	27
California	1789	California	Orange	48,000	35.43
California	1792	California	Orange	129,000	27
California	1872	California	Alameda	229,476	35.8
California	1892	California	San Diego	2,200,000	11.29
California	1896	California	Santa Barbara	69,290	20.83
California	1898	California	Monterey	262,000	20.43
California	1911	California	Solano	121,000	42.43
California	1912	California	Sonoma	28,000	35.14
California	2405	California	Mono	35,000	27.83
California	353	California	Santa Clara	1,500,000	31.8
California	383	California	Sacramento	1,480,000	35.07
California	393	California	San Mateo	199,000	30.91
California	834	California	Riverside	91,765	17.14
Colorado	1901	Colorado	Douglas	35,000	34.33
Florida	1702	Florida	Orange, Pinellas	94,218	38.67
Florida	1840	Florida	Miami-Dade	776,150	39
Florida	1868	Florida	Miami-Dade	829,725	21
Georgia	1692	Georgia	Fulton	84,486	41.86
Georgia	1714	Georgia	Chattahoochee, Muscogee	278,000	77.4
Hawaii	2302	Hawaii	Honolulu	44,000	21.57
Hawaii	2610	Hawaii	Honolulu	90,000	21.71
Kentucky	1899	Kentucky	Jefferson	423,913	50
Louisiana	2617	Louisiana	Orleans	333,406	10.71
Massachusetts	2032	Massachusetts	Worcester	250,000	31.29
Michigan	1909	Michigan	Grand Traverse	30,623	33.29
Minnesota	1883	Minnesota	Blue Earth, Nicollet	70,000	26.57
North Carolina	1894	North Carolina	Lenoir	25,000	29.43
Nebraska	2620	Nebraska	Lancaster	240,000	10
New Hampshire	1880	New Hampshire	Strafford	30,000	26.43
New Jersey	2209	New Jersey	Monmouth	50,000	58.2
New Jersey	788	New Jersey	Essex, Bergen, Hudson, Union, Passaic	1,500,000	22.71
Ohio	1810	Ohio	Portage, Summit	365,000	48.71

Texas	1673	Texas	Dallas	200,000	45.86
Texas	1683	Texas	Dallas	186,000	40.83
Texas	1765	Texas	Wichita	90,000	37.14
Texas	1948	Texas	Montgomery	70,000	31
Virginia	1908	Virginia	Carroll	3,000	41.83
Vermont	2108	Vermont	Chittenden	16,000	20.4
Wisconsin	2621	Wisconsin	Marathon	44,000	40

Data Table for COVID-19 Wastewater Viral Activity Level Over Time

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Date	Viral Activity Level
2022-01-01	16.86
2022-01-08	23.6
2022-01-15	22.79
2022-01-22	19.35
2022-01-29	14.12
2022-02-05	9.15
2022-02-12	5.83
2022-02-19	3.72
2022-02-26	2.47
2022-03-05	1.62
2022-03-12	1.35
2022-03-19	1.13
2022-03-26	1.23
2022-04-02	1.17
2022-04-09	1.55
2022-04-16	2.03
2022-04-23	3.04
2022-04-30	3.88
2022-05-07	4.97
2022-05-14	5.56
2022-05-21	6.58
2022-05-28	7.11
2022-06-04	6.88
2022-06-11	6.68
2022-06-18	6.62
2022-06-25	7.01
2022-07-02	7.76
2022-07-09	9.06
2022-07-16	8.71
2022-07-23	9.28
2022-07-30	8.8

2022-08-06	7.83
2022-08-13	7.21
2022-08-20	6.77
2022-08-27	6.37
2022-09-03	5.69
2022-09-10	5.4
2022-09-17	5.01
2022-09-24	4.52
2022-10-01	3.69
2022-10-08	3.33
2022-10-15	3.34
2022-10-22	3.31
2022-10-29	3.94
2022-11-05	3.95
2022-11-12	3.96
2022-11-19	4.49
2022-11-26	5.28
2022-12-03	8.34
2022-12-10	8.39
2022-12-17	8.84
2022-12-24	9.35
2022-12-31	10.49
2023-01-07	8.19
2023-01-14	5.91
2023-01-21	5.55
2023-01-28	5.73
2023-02-04	6.06
2023-02-11	6.01
2023-02-18	6.22
2023-02-25	5.78
2023-03-04	5.11
2023-03-11	4.36
2023-03-18	4.51
2023-03-25	4.45
2023-04-01	3.4
2023-04-08	2.84
2023-04-15	2.71
2023-04-22	2.12
2023-04-29	1.85
2023-05-06	1.96
2023-05-13	1.9
2023-05-20	1.64
2023-05-27	1.51
2023-06-03	1.26

2023-06-10	1.11
2023-06-17	1.13
2023-06-24	1.13
2023-07-01	1.3
2023-07-08	1.51
2023-07-15	1.64
2023-07-22	1.91
2023-07-29	2.36
2023-08-05	2.83
2023-08-12	3.67
2023-08-19	3.89
2023-08-26	4.39
2023-09-02	5.06
2023-09-09	5.73
2023-09-16	5.14
2023-09-23	4.72
2023-09-30	4.44
2023-10-07	3.77
2023-10-14	3.28
2023-10-21	3.38
2023-10-28	3.54
2023-11-04	3.69
2023-11-11	4.08
2023-11-18	4.72
2023-11-25	5.15
2023-12-02	6.74
2023-12-09	7.48
2023-12-16	8.82
2023-12-23	10.45
2023-12-30	12.46
2024-01-06	11.5
2024-01-13	9
2024-01-20	7.34
2024-01-27	7.01
2024-02-03	5.89
2024-02-10	5.91
2024-02-17	5.53
2024-02-24	5.14
2024-03-02	4.1
2024-03-09	3.03
2024-03-16	2.28
2024-03-23	1.86

Terms to Know

Virus levels: SARS-CoV-2 viral RNA concentrations in wastewater. RNA is the virus's genetic material.

Normalization: A statistical method to account for differences in variables such as wastewater flow rate and number of people served by a sewer system. In other words, normalization reduces excess variation (or “noise”) and helps account for things like changing population sizes or weather events that can impact wastewater. Normalized data can be compared over time and between different sites. Metrics presented on this page are based on SARS-CoV-2 viral RNA concentrations in wastewater that have been normalized. See the [NWSS Data Analytics page](#) for more information.

Sewershed: The geographic area contributing wastewater to a sampling location. Sewersheds may cross county or state boundaries. Sewersheds are referred to as “sites” on the map.

About the Data

†Data will update weekly on Friday as soon as they are reviewed and verified, oftentimes before 8 pm ET. Updates will occur the following day when reporting coincides with a federal holiday. Note: Weekly updates might be delayed due to delays in reporting.

COVID-19 Wastewater Viral Activity Level Over Time

- For more information, see About the Data on <https://www.cdc.gov/nwss/rv/COVID19-nationaltrend.html>.

Current virus levels in wastewater by site

- This metric shows whether SARS-CoV-2 levels at a site are currently higher or lower than past levels at the same site. It is calculated by first ordering the SARS-CoV-2 levels in wastewater for all samples collected since December 1, 2021 from the lowest to highest level. The ordered levels are then grouped into five categories (0-19%, 20-39%, 40-59%, 60-79%, and 80-100%) based on how low or high their levels are compared to previous levels. The levels in the 0-19% group represent the lowest levels seen at that sampling site and those in the 80-100% group represent the highest.
- Using December 1, 2021 as a starting date for all sites makes data more comparable between sites. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that have been reporting data since December 1, 2021 or earlier because the data history for these new sites is not long enough to reflect the same surges as the other sites.
- The “New site” category means a site just started collecting wastewater samples and has reported fewer than 10 samples, which is not enough samples to meaningfully compare levels at the site over time.

Percent change in the last 15 days

- This metric shows how much normalized SARS-CoV-2 viral levels in wastewater at each site increased or decreased during the current 15-day time period. This metric does not show overall levels of SARS-CoV-2 in wastewater. Percent change compares past data to current data to show changing trends. A large percent increase does not necessarily mean SARS-CoV-2 viral levels in wastewater are high. For instance, a change from 1 unit to 2 units would be a percent change of 100%. A change from 500,000 units to 1 million units is also a percent change of 100%.
- Percent change is calculated as the modeled change over 15 days, based on linear regression of log-transformed SARS-CoV-2 levels. A site must report at least 2 samples over the 15-day period to calculate percent change. Sites with “No recent data” (colored gray on the map) reported fewer than 2 samples for the current 15-day period.

Percent of wastewater samples with detectable virus in the last 15 days

- This metric shows the percent of wastewater samples at each site that were positive for SARS-CoV-2 RNA over the last 15 days. It does not show overall levels of SARS-CoV-2 in wastewater.
- This metric is calculated by dividing the number of samples in which SARS-CoV-2 was detected at a site by the total number of samples collected for the site during the 15-day period and multiplying by 100.
- Sites with at least one sample and no SARS-CoV-2 viral detections over the past 15 days are listed as “Non-detects” and are shown on the map as hollow circles with a black outline.
- Sites with no samples for the current 15-day period are listed as “No recent data” and colored gray on the map.

SARS-CoV-2 concentrations in wastewater over time

- When a site is selected, a smoothed, spline fit SARS-CoV-2 concentration line is shown for the last 4 months, as data are available. The smoothed SARS-CoV-2 concentration line shows how SARS-CoV-2 concentrations in wastewater at a sampling site have changed over the last 4 months.
- At least 4 samples are required to produce the smoothed SARS-CoV-2 concentration line. If a major change in laboratory methods is reported, only data since the new laboratory method was reported are shown. Sites labeled as ‘New sites’ in the current virus levels in wastewater metric should be viewed with caution since they have only a few samples to generate their trends lines.

Category change in the last 7 days

- This metric shows the change in the number of sites (represented as a percent) that are in a specific metric category (for example, the 15-day percent change category of 1000% or more) compared to the previous 7 days. In other words, it shows how many sites have been

added or removed from the metric category in the past week. It is calculated by subtracting the current number of sites in each metric category from the number of sites in the same category 7 days earlier and dividing by the number of sites in the same category 7 days earlier.

- **If a metric category had no sites in it 7 days earlier, the category change in the last 7 days is listed as "N/A**" since you cannot divide by 0.

County-level data

- Data are presented by sewershed (the geographic area contributing wastewater to a sampling location). Sampling locations may be at wastewater treatment plants or upstream in the sewage network. Sewersheds may cross county or state boundaries. This means multiple sewersheds may serve a single county, and a single sewershed may serve multiple counties. Sewersheds are referred to as "sites" on the map.

Sewershed locations

- Data are plotted in the ZIP code of the sampling location, so points on the map do not correspond exactly to sampling locations.
- All counties represented by a sampling location are highlighted when the sampling location point is selected.
- The District of Columbia (DC) and New York City (NYC) are shown separately on the map to denote sampling locations within DC and NYC. In the "State or Territory" dropdown menu, select "District of Columbia" or "New York City" to zoom to points reported within that jurisdiction. Please note some DC sampling locations may receive wastewater from parts of counties in Virginia or Maryland and some NYC sampling locations may receive wastewater from parts of counties in surrounding states.

Data subject to change

- Wastewater disease surveillance data presented are the best available data and are subject to change. These data may be incomplete for the most recent 15-day period due to processing and reporting delays. All data are provisional.

May 2022 Coverage Limitations

- Beginning April 15, 2022, approximately 150 wastewater sites in 29 states began transitioning to a new wastewater testing provider. During this transition, these sites will not have recent data displayed and will be colored gray on the map. It will take several weeks for enough data to be collected to calculate the metrics displayed on this page. Results for these sites are expected to be available again between mid-May and June 2022.

Data not shown

- Data from sewersheds that serve fewer than 3,000 people.
- Data from sewersheds where population estimates are missing.
- Data from facility or institution-specific sampling locations.
- Wastewater treatment plant names and the names of upstream sampling sites are made anonymous using a consistent, arbitrary number.
- Approximately 20% of U.S. households are on septic systems; the exact percent varies by location. These systems do not connect to wastewater treatment plants where sampling often occurs. Therefore, households on septic systems are not represented in the data.
- Data from sewersheds currently being monitored but not submitted by health departments to CDC. Certain communities collect wastewater samples but do not submit their data to CDC.
- Data from sewersheds may not be presented if there are data quality issues.

Data source

- Data displayed are derived from two sources:
- Data are submitted to CDC by state, tribal, local, and territorial (STLT) health departments participating in the National Wastewater Surveillance System. Participation is voluntary, so not all jurisdictions are reporting to CDC.
- Data are reported through a CDC-managed contract for commercial testing, which is intended to supplement the geographic coverage of the STLT wastewater surveillance programs.

Laboratory methods

- SARS-CoV-2 concentrations in wastewater are measured using reverse transcription quantitative polymerase chain reaction (RT-qPCR) or reverse transcription digital polymerase chain reaction (RT-dPCR). Laboratory processing and quantification methods may vary between sampling sites or, less commonly, within a sampling site over time. Since SARS-CoV-2 concentration estimates may differ across these lab methods, concentration values should not be compared across sampling locations. Instead, percent change in SARS-CoV-2 concentrations and current levels compared to past levels at the same site are provided. These metrics are more comparable across lab methods. When testing a sample, SARS-CoV-2 is considered detected when any PCR replicates for the sample were positive. Positive is defined for RT-qPCR as a Ct value less than 40 and for RT-ddPCR as 3 or more positive droplets/partitions. Learn more on the Wastewater Surveillance Testing Methods page.

Data download

- These data can be downloaded from data.cdc.gov: [NWSS Public SARS-CoV-2 Wastewater Metric Data](#) and [NWSS Public SARS-CoV-2](#)

[Concentration in Wastewater Data](#)

- The data dictionary for these data (Public Analytics Data Dictionary) is also available.
- To request detailed wastewater data, including a full-time history of raw concentrations, email nwss@cdc.gov with the subject line 'NWSS public data request.' You will be required to sign a data use agreement.

How does wastewater surveillance work?

Wastewater data can show changes in disease trends 4 to 6 days before those changes in trends are seen in clinical cases, and a single wastewater sample captures the infection status of thousands to millions of individuals. Learn more: [National Wastewater Surveillance System \(NWSS\)](#).

If it looks like virus levels in wastewater are rising in my community, what should I do?

Check your county's [COVID-19 Community Level](#) and follow the recommended prevention steps. Public health officials watch for sustained increasing levels of the virus in wastewater and use these data to inform public health decisions. State and local health officials track a variety of data and put this information together to understand the local COVID-19 situation and decide how to best respond.

How do I build NWSS in my community?

Wastewater-based disease surveillance is an exciting new tool to help communities monitor their health. Find [information on what to consider](#) when implementing a wastewater-based disease surveillance system.

Is there wastewater sampling in my community?

New sampling sites are being added over time as health departments begin sampling and reporting wastewater surveillance data. Some communities not represented on this dashboard may be conducting wastewater surveillance. If you would like to know if wastewater surveillance is happening in your community, contact your [health department](#) or local government. At this time, CDC does not release the names of the wastewater treatment plants or zip codes where sampling sites are located. However, information on the counties served by the wastewater sampling sites is provided.

Cite COVID Data Tracker

Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: U.S. Department of Health and Human Services, CDC; 2024, April 03. <https://covid.cdc.gov/covid-data-tracker>

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