COVID Data Tracker

Maps, charts, and data provided by CDC, updates Mon-Fri by 8 pm ET COVID-19 Home >>

Beginning July 8, 2022, COVID Data Tracker will discontinue daily data refreshes 7 days per week, and will instead refresh data Monday through Friday.

Reporting up to 2022 COVID Data Tracker will discontinue daily data refreshes 7 days per week, and will instead refresh data Monday through Friday. This reflects changes to COVID-19 testing and reporting practices, including the increasing use of home tests and other factors. Learn more about these changes and what they mean for COVID data.

Reporting of new COVID-19 cases and deaths to CDC varies by state/territory and may be affected by holidays, weekends, and other factors that affect when data are collected and reported. Some states report COVID-19 data to CDC more than once per weekday, while others report less than once per weekday. Reporting practices may change at any time. Learn more about how COVID-19 data are reported to CDC.

United States 9 / Clear

Cases Total	Deaths Total	Current Hosp.	34.3% of People 5+ with Two Booster
89,967,445	1,018,576	12,120	Data Booster
View Trends	View Trends	View Trends	View Trends

CLICK TO VIEW OTHER MAPS
Wastewater Surveillance

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 quickly 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. 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 in your community. Learn more about wastewater data and prevent data by exploring each of the charts and maps.

View information about the data and download the data.

On This Page
- Monitoring Wastewater Surveillance Data
- Wastewater Metric Chart
- Wastewater Metric Map
- Data Downloads
- Terms to Know
- About the Data

Wastewater Metric Chart

This chart shows how much virus levels have changed (increased and decreased) over time at wastewater sites across the United States. It shows the percent change in the 7-day average of the percent change metric for each date among all sites with available data.

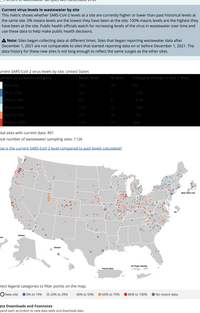
Sites are grouped into three groups showing whether virus levels have increased or decreased at sites over the last 15 days.

- Blue categories (Large decrease (-100%) Decrease (-99% to -10%)) Virus levels decreased at these sites in the last 15 days.
- Yellow category (Stable (-9% to 9%)) Virus levels stayed about the same at these sites in the last 15 days.
- Orange and red categories (Increase (10% to 99%) Large increase (100% or more)) Virus levels increased at these sites in the last 15 days.

The chart shows the overall percent of sites that were in each category over time since January 1, 2021. If more sites on the chart is shaded light or dark blue, it means virus levels were decreasing at more sites at that point in time. If more sites on the chart is shaded orange or red, it means virus levels were increasing at more sites at that point in time. Since the most recent change in the last 15 days might be impacted by how many wastewater samples were collecting wastewater samples, the track line shows the number of sampling sites with available data for each date.

Note: This chart **does not** show overall levels of SARS-CoV-2 in wastewater.

Percent of sites in each percent change category over time, United States



Wastewater Metric Map

State or territory: _____ County: _____ Reset Selections

Time Period: Jun 28, 2022 - Jul 12, 2022 Major Cities On Major Cities Off

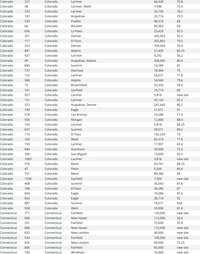
Metric:
- Percent virus levels in wastewater by site
- Percent change in the last 15 days
- Percent of wastewater samples with detectable virus

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

Current virus levels in wastewater by site

Each circle represents a site. The circle is shaded red if a site currently higher or lower than past historical levels at the same site. Sites with no recent data are shaded grey. Sites that started sampling after 12/1/21 (the most recent date in the 7-day average) are not included in the map. 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

Data Downloads and Footnotes

Select a sub-jurisdiction to view and download data.

View History Wastewater Data

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

Jurisdiction	Sampled	Reporting	County *	Population	Current Virus
AK *	1,113	1,113		January 1	Levels (in %) *
Arizona	12,8	Arizona	Maricopa	4,621	N/A
Arizona	1,218	Arizona	Yuma	5,639	19.73
Arizona	838	Arizona	Mohave	37,030	75
Arizona	1,218	Arizona	Yavapai	235,099	19.73
Arizona	1,218	Arizona	Pima	207,247	75
Arizona	1,275	Arizona	Pima	23,060	new site
Arizona	1,275	Arizona	Pima	1,043,070	19.73
Arizona	1,275	Arizona	Santa Cruz	17,386	new site
Arizona	1,212	Arizona	Maricopa	9,430	N/A
Arizona	1,212	Arizona	Maricopa	4,192	N/A
Arizona	1,212	Arizona	Maricopa	5,153	N/A
Arizona	590	Arizona	Pima	305,176	N/A
Arizona	1,004	Arizona	Pima	9,496	19.73
Arizona	1,004	Arizona	Yuma	10,873	N/A
Arizona	1,004	Arizona	Pima	1,043,070	19.73
Arizona	715	Arizona	La Paz	3,661	N/A
Arizona	715	Arizona	Pima	418,264	N/A
Arizona	715	Arizona	Santa Cruz	47,420	N/A
Arizona	591	Arizona	Maricopa	4,192	new site
Arizona	591	Arizona	Maricopa	9,430	new site
Arizona	591	Arizona	Maricopa	5,153	new site
Arizona	591	Arizona	Maricopa	5,590	new site
Arizona	591	Arizona	Maricopa	5,169	new site
Arizona	594	California	Alameda	60,043	61.6
Arizona	594	California	Contra Costa	1,153,561	61.6
Arizona	126	California	Kern	13,031	new site
Arizona	126	California	Kern	76,717	61
Arizona	126	California	Kern	52,453	new site
Arizona	257	California	Los Angeles	10,380	61
Arizona	257	California	San Diego	2,205,088	61
Arizona	257	California	San Francisco, San Mateo	1,946,693	61
Arizona	118	California	Humboldt	43,173	75.2
Arizona	118	California	Los Angeles	10,380	75.2
Arizona	118	California	Santa Clara	15,006	61.6
Arizona	202	California	Santa Clara	1,936,040	61.6
Arizona	202	California	Sonoma	10,140	61.6
Arizona	202	California	Los Angeles Ventura	196,043	75
Arizona	211	California	Los Angeles	3,550,639	54.57
Arizona	211	California	Los Angeles	1,346,865	54.57
Arizona	299	California	Orange	59,030	70
Arizona	299	California	Orange	1,800,080	18.67
Arizona	299	California	Orange	1,346,865	18.67
Arizona	355	California	Santa Cruz	166,789	54.57
Arizona	355	California	San Mateo, San Francisco	750,000	70.4
Arizona	355	California	Los Angeles	1,346,865	70.4
Arizona	355	California	Stanislaus	229,089	54.57
Arizona	793	California	San Luis Obispo	39,090	45
Arizona	793	California	Santa Barbara	168,098	45
Arizona	793	California	Ventura	823,318	45
Arizona	355	California	Santa Cruz	166,789	54.57
Arizona	355	California	Sonoma	230,189	54.57
Arizona	355	California	Sacramento	1,486,000	75.27
Arizona	355	California	Los Angeles	1,346,865	54.57
Arizona	1,019	California	Los Angeles	166,789	54.57
Arizona	1,019	California	Lake	15,290	N/A
Arizona	1,019	California	Los Angeles	1,346,865	54.57
Arizona	1,119	California	Los Angeles	10,040	15.28
Arizona	1,119	California	Contra Costa	494,369	new site
Arizona	1,119	California	Los Angeles	1,346,865	15.28
Arizona	1,119	California	Los Angeles	157,240	new site
Arizona	802	California	Santa Cruz	85,060	75
Arizona	802	California	Los Angeles, San Francisco	1,946,693	75
Arizona	802	California	Los Angeles, Ventura	4,000,298	75
Arizona	779	California	Los Angeles	200,000	78.6
Arizona	779	California	Los Angeles	1,346,865	78.6
Arizona	803	California	Santa Cruz	229,089	54.57
Arizona	803	California	Santa Cruz	150,000	58.6
Arizona	1,026	California	Contra Costa	494,369	new site
Arizona	1,026	California	San Luis Obispo	47,400	new site
Arizona	1,026	California	Los Angeles	1,346,865	new site
Arizona	1,026	California	Santa Cruz	166,789	new site
Arizona	1,026	California	Los Angeles	157,240	new site
Arizona	834	California	Riverside	91,763	80.88
Arizona	834	California	Riverside	2,470,546	80
Arizona	226	California	Bexar, Medina	75,000	79.4
Arizona	226	California	Boulder	17,600	69.2
Arizona	226	California	Denver	1,000,000	69.2
Arizona	226	California	Larimer, Weld	7,000	79.2
Arizona	270	California	Larimer	23,150	78.2
Arizona	270	California	Weld	98,000	78.2
Arizona	270	California	Pueblo	56,414	78.2
Arizona	66	California	Boulder	85,993	69
Arizona	66	California	Denver	1,000,000	69
Arizona	66	California	El Paso	853,000	74.1
Arizona	66	California	El Paso	853,453	74.1
Arizona	66	California	Mesa	150,000	74.1
Arizona	66	California	Adams	21,429	80.05
Arizona	66	California	Denver	1,000,000	80
Arizona	66	California	Arapahoe, Adams	248,000	80.4
Arizona	845	California	Summit	14,286	67
Arizona	845	California	Denver	1,000,000	67
Arizona	845	California	Jefferson	26,621	67
Arizona	1,067	California	Adams	54,000	79.6
Arizona	1,067	California	Denver	1,000,000	79.6
Arizona	1,067	California	Garfield	16,714	80
Arizona	527	California	Larimer	5,816	new site
Arizona	527	California	Weld	98,000	new site
Arizona	527	California	Arapahoe, Denver	201,981	new site
Arizona	598	California	Eagle	21,371	51
Arizona	598	California	Garfield	16,714	51
Arizona	598	California	Mesa	12,000	51
Arizona	598	California	Larimer	5,816	85.25
Arizona	598	California	Weld	28,631	85.25
Arizona	116	California	El Paso	102,419	71
Arizona	116	California	Mesa	150,000	71
Arizona	116	California	Larimer	7,197	69.4
Arizona	846	California	Gunnison	39,000	72.4
Arizona	846	California	Mesa	150,000	72.4
Arizona	576	California	Larimer	5,816	62.7
Arizona	576	California	Routt	62,797	86.25
Arizona	576	California	Weld	98,000	86.25
Arizona	576	California	Mesa	85,000	90
Arizona	1,038	California	Garfield	7,283	new site
Arizona	1,038	California	Mesa	150,000	new site
Arizona	1,038	California	El Paso	26,280	70.4
Arizona	844	California	Eagle	75,286	67.3
Arizona	844	California	Garfield	16,714	67.3
Arizona	844	California	Mesa	10,571	67.3
Connecticut	828	California	Weld	20,000	81.8
Connecticut	828	California	Arapahoe, Denver	1,000,000	81.8
Connecticut	830	California	Fairfield	150,000	55.6
Connecticut	830	California	New London	112,000	55.6
Connecticut	830	California	Tolland	152,000	55.6
Connecticut	830	California	New London	40,000	new site
Connecticut	830	California	Tolland	152,000	new site
Connecticut	830	California	New London	112,000	new site
Connecticut	830	California	Fairfield	65,000	new site
Connecticut	1,176	California	Fairfield	150,000	70.9
Connecticut	1,176	California	New London	22,000	70.9
Connecticut	1,176	California	New Haven	19,000	68.8
Connecticut	1,176	California	Tolland	152,000	70.9
Connecticut	1,176	California	New Haven	239,000	68.8
Connecticut	1,176	California	Fairfield	70,000	new site
District of Columbia	1,049	District of Columbia	District Of Columbia	1,049,000	12
District of Columbia	1,049	District of Columbia	District Of Columbia	1,049,000	12
Florida	670	Florida	Orange	59,087	50.4
Florida	670	Florida	Orange	1,145,956	50.4
Florida	1,144	Florida	Orange	60,615	77.2
Florida	1,144	Florida	Seminole, Orange	51,200	77.2
Florida	1,144	Florida	Orange	1,145,956	77.2
Florida	511	Florida	Miami-Dade	629,725	27.4
Florida	511	Florida	Miami-Dade	2,716,940	27.4
Florida	511	Florida	Miami-Dade	776,154	27.4
Florida	574	Florida	Pinellas	235,000	63.2
Florida	574	Florida	Pinellas	916,542	63.2
Florida	574	Florida	Pinellas	959,107	63.2
Florida	829	Florida	Broward	10,000	N/A
Florida	829	Florida	Broward	1,944,375	N/A
Florida	829	Florida	Miami-Dade	776,154	new site
Florida	829	Florida	Monroe	50,000	new site
Florida	829	Florida	Broward	1,944,375	new site
Georgia	384	Georgia	Cobb	25,000	75.7
Georgia	384	Georgia	Dekalb	325,000	75.7
Georgia	384	Georgia	Fulton	1,000,000	75.7
Georgia	1,074	Georgia	Gwinnett	650,000	new site
Georgia	1,074	Georgia	Paulding	8,000	N/A
Georgia	1,074	Georgia	Douglas	92,000	N/A
Georgia	1,074	Georgia	Fulton	1,000,000	N/A
Georgia	1,074	Georgia	Cobb	56,000	58.3
Georgia	1,074	Georgia	Cobb	196,000	65.75
Georgia	1,089	Georgia	Newton	32,000	new site
Georgia	1,089	Georgia	Douglas	92,000	new site
Georgia	1,089	Georgia	Paulding	10,000	new site
Hawaii	1,197	Hawaii	Hawaii	59,000	38
Hawaii	1,197	Hawaii	Hawaii	185,000	38
Hawaii	1,128	Hawaii	Hawaii	20,800	new site
Hawaii	1,221	Hawaii	Hawaii	55,000	new site
Hawaii	1,221	Hawaii	Hawaii	185,000	new site
Hawaii	1,221	Hawaii	Hawaii	40,000	new site
Hawaii	798	Hawaii	Honolulu	48,019	new site
Hawaii	798	Hawaii	Honolulu	1,000,000	new site
Hawaii	818	Hawaii	Honolulu	300,000	new site
Idaho	818	Idaho	Ada	120,344	42.29
Idaho	818	Idaho	Canyon	229,000	42.29
Idaho	392	Idaho	Ada	30,000	42.29
Idaho	392	Idaho	Ada	167,506	59.57
Idaho	392	Idaho	Canyon	229,000	59.57
Idaho	1,066	Idaho	Bonneville	60,000	90.8
Idaho	1,066	Idaho	Ada	167,506	90.8
Idaho	1,066	Idaho	Canyon	229,000	90.8
Idaho	1,025	Idaho	Bingham	14,040	50.04
Idaho	1,025	Idaho	Ada	167,506	50.04
Idaho	1,025	Idaho	Canyon	101,000	50
Illinois	638	Illinois	Cook	1,127,736	59.64
Illinois	638	Illinois	Cook	1,000,000	59.64
Illinois	638	Illinois	Bureau	7,093	74.2
Illinois	693	Illinois	Kane	11,290	77
Illinois	693	Illinois	Kane	165,000	77
Illinois	693	Illinois	Cook	55,120	81.05
Illinois	693	Illinois	Cook	70,045	81.4
Illinois	693	Illinois	Cook	70,000	81.4
Illinois	693	Illinois	Dekalb	105,160	81.4
Illinois	692	Illinois	Cook	270,647	67.57
Illinois	692	Illinois	Cook	1,000,000	67.57
Illinois	692	Illinois	Cook	40,000	67.57
Illinois	692	Illinois	Cook	760,735	new site
Illinois	694	Illinois	Lee	15,115	75.2
Illinois	694	Illinois	Cook	270,647	75.2
Illinois	694	Illinois	Cook	44,027	66.75
Illinois	833	Illinois	Warren	10,836	84.6
Illinois	833	Illinois	Cook	270,647	84.6
Illinois	833	Illinois	Cook	1,000,000	84.6
Illinois	646	Illinois	Richland	8,968	N/A
Illinois	646	Illinois	Cook	270,647	N/A
Illinois	646	Illinois	Cook	1,127,736	N/A
Illinois	976	Illinois	Mclean	40,000	57
Illinois	976	Illinois	Cook	270,647	57
Illinois	976	Illinois	Cook	60,158	57
Illinois	910	Illinois	Morgan	15,738	N/A
Illinois	910	Illinois	Cook	270,647	N/A
Illinois	910	Illinois	Cook	1,000,000	N/A
Illinois	697	Illinois	Cook	120,098	40.29
Illinois	697	Illinois	Cook	270,647	40.29
Illinois	697	Illinois	Cook	270,647	70.5
Illinois	697	Illinois	Cook	1,000,000	70.5
Illinois	677	Illinois	Mchenry	76,781	72.2
Illinois	677	Illinois	Cook	270,647	72.2
Illinois	677	Illinois	Fulton	13,666	75
Illinois	916	Illinois	Sangamon	26,155	91.25
Illinois	916	Illinois	Cook	270,647	91.25
Illinois	916	Illinois	Winnebago	249,000	91.25
Illinois	916	Illinois	Christian	12,662	75
Illinois	916	Illinois	Cook	270,647	75
Illinois	916	Illinois	Cook	5,446	29.05
Illinois	916	Illinois	Randolph	6,814	N/A
Illinois	916	Illinois	Cook	270,647	N/A
Illinois	915	Illinois	Cook	270,647	25.25
Illinois	915	Illinois	Champaign	91,041	72
Illinois	915	Illinois	Cook	270,647	72
Illinois	882	Illinois	Winnebago	333,000	62.75
Illinois	882	Illinois	Cook	270,647	62.75
Illinois	882	Illinois	Du Page	16,800	75.28
Illinois	640	Illinois	Lake	130,629	70
Illinois	640	Illinois	Cook	270,647	70
Illinois	640	Illinois	Kane	165,000	new site
Illinois	975	Illinois	Cook	270,647	59
Illinois	975	Illinois	Cook	1,000,000	59
Illinois	912	Illinois	Grundy	52,000	75.2
Illinois	912	Illinois	Greene	5,994	84.8
Illinois	912	Illinois	Cook	270,647	84.8
Illinois	912	Illinois	Lawrence	4,916	84.8
Illinois	1,044	Illinois	Du Page	84,000	new site
Illinois	1,044	Illinois	Cook	270,647	new site
Illinois	1,044	Illinois	Cook	60,000	new site
Illinois	660	Illinois	Cook	265,000	56
Illinois	660	Illinois	Cook	1,000,000	56
Illinois	660	Illinois	Winnebago	22,000	56.2
Illinois	651	Illinois	Carroll	5,615	58.07
Illinois	651	Illinois	Cook	270,647	58.07
Illinois	942	Illinois	Boone	47,000	83.85
Illinois	942	Illinois	Cook	270,647	83.85
Illinois	942	Illinois	Cook	1,000,000	83.85
Illinois	195	Illinois	Cook	264,000	new site
Illinois	195	Illinois	Cook	1,000,000	new site
Illinois	195	Illinois	Cook	70,000	new site
Illinois	678	Illinois	Bartholomew	50,000	N/A
Illinois	678	Illinois	Cook	270,647	N/A
Illinois	678	Illinois	Washington	17,012	N/A
Illinois	765	Illinois	Monroe	32,000	new site
Illinois	765	Illinois	Cook	270,647	new site
Illinois	765	Illinois	Cook	1,000,000	new site
Illinois	1,072	Illinois	Monroe	67,000	87.07
Illinois	1,072	Illinois	Cook	270,647	87.07
Illinois	1,072	Illinois	Edwards	6,000	new site
Illinois	1,072	Illinois	Cook	1,000,000	new site
Illinois	1,072	Illinois	Hamilton	18,000	87.07
Illinois	1,072	Illinois	Monroe	67,000	new site
Illinois	1,072	Illinois	Cook	270,647	new site
Illinois	1,072	Illinois	Cook	1,000,000	new site
Illinois	1,072	Illinois	Hamilton	18,000	new site

Kansas	833	Kansas	Shawnee	56,000	58
Kansas	834	Kansas	Sherman	6,000	1
Kansas	835	Kansas	Smith	23,000	2
Kansas	472	Kansas	Stanton	40,000	1
Kansas	836	Kansas	Stevens	20,000	1
Kansas	1364	Kansas	Sumner	75,000	4
Kansas	837	Kansas	Thomas	40,000	1
Kansas	838	Kansas	Trego	45,000	1
Kansas	702	Kansas	Wabaunsee	40,000	1
Kansas	839	Kansas	Wallace	15,000	1
Kansas	840	Kansas	Washington	13,000	1
Kansas	1,253	Kansas	Wichita	5,258	0.5
Kansas	841	Kansas	Wilson	42,000	2
Kansas	842	Kansas	Woodson	32,000	0.5
Kansas	843	Kansas	Wyandotte	55,928	39.50
Kentucky	1,254	Kentucky	Adair	17,000	1
Kentucky	1,255	Kentucky	Allen	18,000	1
Kentucky	902	Kentucky	Anderson	295,410	87.67
Kentucky	1,256	Kentucky	Ballard	8,000	0.5
Kentucky	1,257	Kentucky	Barren	52,575	2.67
Kentucky	904	Kentucky	Jefferson	31,269	75.67
Kentucky	1,258	Kentucky	Bath	12,000	1
Kentucky	1,259	Kentucky	Bell	24,000	1
Kentucky	1,260	Kentucky	Boone Bullitt	362,275	76
Louisiana	1,116	Louisiana	Caddo	389,000	1,944.56
Louisiana	1,115	Louisiana	Cass Baton Rouge	49,712	60.8
Louisiana	1,117	Louisiana	Calcasieu	192,000	1,000
Louisiana	1,118	Louisiana	Cameron	398,000	1,000
Louisiana	1,119	Louisiana	Orleans	389,000	42.25
Maryland	1,261	Maryland	Allegany	75,000	1
Maryland	1,262	Maryland	Cumberland	8,000	20
Maryland	484	Maryland	Franklin	2,750	1
Maryland	1,263	Maryland	Garrett	30,000	1
Maryland	1,264	Maryland	Washington	2,000	1
Maryland	475	Maryland	Piscataqua	900	1
Maryland	1,265	Maryland	Anne Arundel	1,000	1
Maryland	1,266	Maryland	Lincoln	1,700	1
Maryland	475	Maryland	Piscataqua	800	1
Maryland	1,267	Maryland	Anne Arundel	1,000	1
Maryland	1,268	Maryland	Anne Arundel	1,000	1
Maine	65	Maine	Lincoln	1,700	1
Maine	1,269	Maine	Sagadahoc	9,000	1
Maine	507	Maine	Oxford	1,000	1
Maine	1,270	Maine	Franklin	1,000	1
Maine	1,271	Maine	York	1,000	1
Maine	1,272	Maine	York	21,000	1
Maine	1,273	Maine	Cumberland	1,000	1
Maine	1,274	Maine	Androscoggin	27,000	1
Maine	1,275	Maine	Anne Arundel	11,000	1
Maine	1,276	Maine	Cumberland	1,000	1
Maine	1,277	Maine	Cumberland	200,000	1
Maine	1,261	Maine	Anne Arundel	91,000	1
Maine	1,278	Maine	Anne Arundel	1,000	1
Maine	1,279	Maine	Anne Arundel	80,000	1
Maine	1,280	Maine	Allegany	45,000	1
Maine	1,281	Maine	Anne Arundel	1,000	1
Maine	1,282	Maine	Anne Arundel	27,000	1
Maine	1,283	Maine	Anne Arundel	78,000	1
Maine	1,284	Maine	Anne Arundel	150,000	1
Maine	1,285	Maine	Anne Arundel	1,000	1
Maine	1,278	Maine	Anne Arundel	22,000	1
Massachusetts	1,108	Massachusetts	Barnstable	1,000,000	1
Massachusetts	1,109	Massachusetts	Suffolk	1,075,000	N/A
Massachusetts	1,110	Massachusetts	Middlesex	1,000,000	1
Massachusetts	1,111	Massachusetts	Hampshire	10,000	N/A
Massachusetts	475	Massachusetts	Hampshire	10,200	17
Massachusetts	1,112	Massachusetts	Hampshire	1,000,000	1
Maryland	1,113	Maryland	Carroll	1,000,000	1
Maryland	1,114	Maryland	Dorchester	1,000,000	1
Maryland	1,115	Maryland	Anne Arundel	1,000,000	1
Maryland	1,116	Maryland	Anne Arundel	1,000,000	1
Maryland	1,117	Maryland	Anne Arundel	200,000	1
Maryland	1,261	Maryland	Anne Arundel	91,000	1
Maryland	1,118	Maryland	Anne Arundel	1,000,000	1
Maryland	1,119	Maryland	Anne Arundel	80,000	1
Maryland	1,280	Maryland	Allegany	45,000	N/A
Maryland	1,120	Maryland	Anne Arundel	1,000,000	1
Maryland	1,121	Maryland	Anne Arundel	27,000	1
Maryland	1,122	Maryland	Anne Arundel	78,000	N/A
Maryland	1,123	Maryland	Anne Arundel	150,000	N/A
Maryland	1,124	Maryland	Anne Arundel	1,000,000	N/A
Maryland	1,278	Maryland	Anne Arundel	22,000	N/A
Maryland	1,125	Maryland	Anne Arundel	1,000,000	N/A
Maryland	1,126	Maryland	Anne Arundel	1,075,000	N/A
Maryland	1,127	Maryland	Anne Arundel	1,000,000	N/A
Maryland	1,128	Maryland	Anne Arundel	10,000	N/A
Maryland	1,129	Maryland	Anne Arundel	10,000	N/A
Maryland	1,130	Maryland	Anne Arundel	10,000	N/A
Maryland

Oregon	940	Oregon	Deschutes	32,255
Oregon	941	Oregon	Douglas	32,237
Oregon	942	Oregon	Hood River	7,845
Oregon	943	Oregon	Jefferson	7,891
Oregon	944	Oregon	Klamath	21,464
Oregon	945	Oregon	Lake	3,186
Oregon	946	Oregon	Lane	92,647
Oregon	947	Oregon	Linn	32,868
Oregon	948	Oregon	Marion	58,856
Oregon	949	Oregon	Multnomah	92,147
Oregon	950	Oregon	Polk	40,450
Oregon	951	Oregon	Jefferson	3,230
Oregon	952	Oregon	Washington	92,147
Oregon	953	Oregon	Yamhill	12,739
Oregon	962	Oregon	Yamhill	6,150
Oregon	963	Oregon	Clackamas	92,147
Oregon	964	Oregon	Clackamas	9,860
Oregon	965	Oregon	Clackamas	10,245
Oregon	966	Oregon	Clackamas	10,245
Oregon	967	Oregon	Clackamas	9,860
Oregon	968	Oregon	Clackamas	10,245
Oregon	969	Oregon	Linn	18,775
Oregon	970	Oregon	Clackamas	10,245
Oregon	971	Oregon	Clackamas	10,245
Oregon	972	Oregon	Clackamas	10,245
Oregon	973	Oregon	Linn	18,775
Oregon	974	Oregon	Clackamas	10,245
Pennsylvania	1080	Pennsylvania	Montgomery	10,000
Pennsylvania	1081	Pennsylvania	Montgomery	10,000
Pennsylvania	1082	Pennsylvania	Montgomery	10,000
Pennsylvania	1125	Pennsylvania	Allegheny, Butler	41,000
Pennsylvania	1126	Pennsylvania	Allegheny, Butler	41,000
Pennsylvania	1127	Pennsylvania	Allegheny	12,150
Rhode Island	946	Rhode Island	Providence	120,000
Rhode Island	947	Rhode Island	Providence	120,000
Rhode Island	948	Rhode Island	Providence	120,000
Rhode Island	949	Rhode Island	Providence	120,000
Rhode Island	950	Rhode Island	Providence	120,000
Rhode Island	951	Rhode Island	Providence	120,000
Rhode Island	952	Rhode Island	Providence	120,000
Rhode Island	953	Rhode Island	Providence	120,000
Rhode Island	954	Rhode Island	Providence	120,000
Rhode Island	955	Rhode Island	Providence	120,000
Rhode Island	956	Rhode Island	Providence	10,000
Rhode Island	957	Rhode Island	Providence	10,000
Rhode Island	958	Rhode Island	Providence	10,000
Rhode Island	959	Rhode Island	Providence	10,000
Rhode Island	960	Rhode Island	Kent	6,000
Rhode Island	961	Rhode Island	Kent	6,000
South Carolina	880	South Carolina	Georgetown	30,000
South Carolina	881	South Carolina	Horry	30,000
South Carolina	882	South Carolina	Horry	30,000
South Carolina	883	South Carolina	Georgetown	15,000
South Carolina	884	South Carolina	Horry	30,000
Tennessee	1280	Tennessee	Hamilton	40,000
Tennessee	1282	Tennessee	Williamson, Davidson, Rutherford	600,000
Tennessee	1283	Tennessee	Sullivan	100,000
Tennessee	1284	Tennessee	Knox	100,000
Texas	192	Houston	Harris	10,000
Texas	193	Houston	Harris	10,000
Texas	194	Houston	Harris	10,000
Texas	35	Houston	Harris	51,150
Texas	36	Houston	Harris	51,150
Texas	37	Houston	Harris	51,150
Texas	473	Texas	El Paso	435,464
Texas	474	Texas	El Paso	435,464
Texas	475	Texas	El Paso	435,464
Texas	476	Texas	El Paso	435,464
Texas	477	Texas	El Paso	435,464
Texas	478	Texas	El Paso	435,464
Texas	479	Texas	El Paso	435,464
Texas	480	Texas	El Paso	435,464
Texas	481	Texas	Dallas	179,800
Texas	482	Texas	Dallas	179,800
Texas	483	Texas	Dallas	179,800
Texas	484	Texas	Dallas	179,800
Texas	485	Texas	Dallas	179,800
Texas	486	Texas	Dallas	179,800
Texas	487	Texas	Bexar	205,000
Texas	488	Texas	Bexar	205,000
Texas	489	Texas	Bexar	205,000
Texas	490	Texas	Harris	205,237
Texas	491	Texas	Harris	126,000
Texas	492	Texas	Harris	126,000
Texas	493	Texas	Harris	126,000
Texas	494	Houston	Fort Bend, Harris	20,920
Texas	495	Texas	Harris	20,920
Texas	496	Texas	Harris	4,170
Texas	160	Houston	Harris	40,041
Texas	161	Houston	Harris	40,041
Texas	162	Houston	Brazoria	10,000
Texas	176	Houston	Harris	9,375
Texas	177	Houston	Harris	9,375
Texas	206	Texas	El Paso	160,000
Texas	207	Houston	Montgomery, Harris	52,055
Texas	208	Houston	Harris	52,055
Texas	39	Houston	Harris	51,150
Texas	40	Houston	Harris	117,968
Texas	41	Houston	Harris	120,000
Texas	113	Houston	Harris	3,825
Texas	114	Houston	Harris	3,825
Texas	115	Houston	Harris	20,758
Texas	116	Texas	Travis	500,000
Texas	117	Texas	Travis	500,000
Texas	118	Houston	Harris	10,000
Texas	290	Houston	Harris	95,800
Texas	291	Houston	Harris	95,800
Texas	292	Houston	Fort Bend	108,700
Texas	1294	Texas	El Paso	160,000
Texas	1295	Texas	El Paso	160,000
Texas	1296	Texas	El Paso	160,000
Texas	805	Texas	Dallas	900,000
Texas	806	Texas	Dallas	900,000
Texas	807	Texas	Dallas	900,000
Texas	849	Texas	Bexar	691,472
Texas	850	Texas	Bexar	691,472
Texas	851	Texas	Bexar	691,472
Utah	15	Utah	San Juan, Grand	9,896
Utah	16	Utah	Salt Lake	228,736
Utah	33	Utah	Utah	253,172
Utah	34	Utah	Salt Lake	228,736
Utah	35	Utah	Box Elder	21,442
Utah	11	Utah	Utah, Salt Lake	94,984
Utah	12	Utah	Salt Lake	228,736
Utah	13	Utah	Salt Lake	228,736
Utah	5	Utah	Iron	32,457
Utah	6	Utah	Iron	32,457
Utah	7	Utah	Utah	94,984
Utah	31	Utah	Utah	35,040
Utah	32	Utah	Utah	253,172
Utah	8	Utah	Tooele	36,244
Utah	9	Utah	Tooele	36,244
Utah	10	Utah	Tooele	36,244
Utah	1	Utah	Washington	24,075
Utah	2	Utah	Washington	24,075
Utah	14	Utah	Carbon	1,151
Utah	19	Utah	Salt Lake	228,736
Utah	20	Utah	Salt Lake	80,021
Utah	23	Utah	Summit	6,390
Utah	24	Utah	Summit	6,390
Utah	25	Utah	Salt Lake	171,454
Utah	27	Utah	Washington	10,597
Utah	28	Utah	Salt Lake	228,736
Utah	29	Utah	Salt Lake	10,424
Utah	30	Utah	Box Elder	12,451
Utah	21	Utah	Salt Lake	80,021
Utah	22	Utah	Salt Lake	80,021
Utah	2	Utah	Uintah	29,013
Vermont	300	Vermont	Chittenden	8,500
Vermont	301	Vermont	Chittenden	8,500
Vermont	302	Vermont	Chittenden	8,500
Vermont	770	Vermont	Rutland	7,000
Vermont	771	Vermont	Rutland	7,000
Virginia	892	Virginia	Fairfax, Prince William, Loudoun, Fauquier, Fredericksburg City, Isle Of Wight, Suffolk City, Chesapeake, Hampton City	71,415
Virginia	893	Virginia	Fairfax, Prince William, Loudoun, Fauquier, Fredericksburg City, Isle Of Wight, Suffolk City, Chesapeake, Hampton City	71,415
Virginia	242	Virginia	Chesterfield, Henrico, Richmond City	225,000
Virginia	243	Virginia	Virginia Beach City, Chesapeake City	225,000
Virginia	386	Virginia	Henrico, Newport News City, Williamsburg City, York, James City	69,000
Virginia	387	Virginia	Henrico, Newport News City, Williamsburg City, York, James City	69,000
Virginia	388	Virginia	Norfolk City, Virginia Beach City, Chesapeake City	108,848
Virginia	389	Virginia	Norfolk City, Virginia Beach City, Chesapeake City	108,848
Virginia	196	Virginia	Prince William, Fairfax, Loudoun, Fauquier, Manassas City, Manassas Park City, Fredericksburg City, Orange, Culpeper	43,000
Virginia	390	Virginia	Hampton City, Norfolk City	78,322
Virginia	391	Virginia	Hampton City, Norfolk City	78,322
Virginia	219	Virginia	New Kent, York, Williamsburg City, James City, Williamsburg City	69,000
Virginia	220	Virginia	Henrico, Richmond City, Chesterfield	225,000
Virginia	221	Virginia	Henrico, Richmond City, Chesterfield	225,000
Virginia	223	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	224	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	225	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	226	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	227	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	228	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	229	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	230	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	231	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	232	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	233	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	234	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	235	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	236	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	237	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	238	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	239	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	240	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	241	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	244	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	245	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	246	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	247	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	248	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	249	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	250	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	251	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	252	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	253	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	254	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	255	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	256	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	257	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	258	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	259	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	260	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	261	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	262	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	263	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	264	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	265	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	266	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	267	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	268	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	269	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	270	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	271	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000
Virginia	272	Virginia	Henrico, Richmond City, Chesterfield, Hanover, Goochland, Louisa, Fluvanna, Buckingham, Powhatan, Cumberland, Amelia, Nottoway, Prince Edward, Lunenburg, Charlotte, Mecklenburg, Brunswick, Dinwiddie, Greensville, Sussex, Emporia City, Petersburg City, Colonial Heights City, Hopewell City, Prince George, Surry, Isle Of Wight, Suffolk City, Chesapeake City, Franklin City	16,000

Terms to Know

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

Percentile: A percentile is a measure of how a specimen's value compares to other specimens from the same time and number of people sampled by sewer system. In other words, normalization reduces excess variation (or "noise") and helps account for things like changing population sizes or weather patterns. Percentiles are used to compare the current week's virus levels to those from previous weeks. Percentiles are used to compare virus levels in different sewer systems, regardless of their sizes and populations. Percentiles are used to compare virus levels in different parts of the country.

Sewershed: The geographic area contributing wastewater to a sampling location. Sewersheds may cross county or state boundaries. Sewershed IDs are listed "as-is" on the map.

About the Data

Data will update Monday through Friday as soon as they are reviewed and verified, otherwise listed before 8 pm ET. Updates will not occur the following business day if holidays fall on a weekday. Data from Saturday and Sunday will update on Monday if reviewed and verified.

Percent of sites in each percent change category

- This map 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 include samples from the most recent 2 days.
- This map 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 at that site over the last 15 days, excluding the most recent 2 days.
- Sites with at least one sample in the last 15 days are included in this map. Sites with no samples in the last 15 days are not shown on the map. Sites with no positive sites with a date outside the last 15 days are not shown.
- Sites with samples in the last 15 days but no detections in the last 15 days are shown as "no recent days" and colored gray on the map.

SARS-CoV-2 concentrations in wastewater over time

- When a site's wastewater SARS-CoV-2 concentration has been in the top 10% of sites for the last 3 months, or sites are available. The 10% is calculated using the most recent 15 days of data. Sites with at least 5 samples in the last 15 days are included in this calculation.
- Sites with samples are expected to produce the highest wastewater SARS-CoV-2 concentration first. If a major change in wastewater is expected, only data from the most recent 2 days will be shown. This is to ensure that the most recent data are not hidden by old data. Sites with no recent samples or no recent detections will be shown as "no recent days" and colored gray.

Percentile

- This map shows the change in the number of sites represented as a percentile that are in a specific metric category (for example, the 75th to 90th percentile or more). Percentile is a measure of how a specimen's value compares to other specimens from the same time and number of people sampled. Percentiles are used to compare the current week's virus levels to those from previous weeks. Percentiles are used to compare virus levels in different sewer systems, regardless of

Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: US Department of Health and Human Services, CDC; 2022, July 16. https://covid.cdc.gov/covid-data-tracker

All COVID-19 topics including prevention, travel, work, and school