FLORIDA

SUMMARY

- Florida is experiencing a resurgence in its epidemic. Florida is in the red zone for cases, indicating 101 or more new cases per 100,000 population, with the 32nd highest rate in the country. Florida is in the yellow zone for test positivity, indicating a rate between 5.0% and 7.9%, with the 33rd highest rate in the country.
- Florida has seen an increase in new cases and an increase in test positivity.
- The following three counties had the highest number of new cases over the last 3 weeks: 1. Miami-Dade County, 2. Broward County, and 3. Orange County. These counties represent 32.7% of new cases in Florida.
- 70% of all counties in Florida have moderate or high levels of community transmission (yellow, orange, or red zones), with 7% having high levels of community transmission (red zone).
- During the week of Oct 19 - Oct 25, 11% of nursing homes had at least one new resident COVID-19 case, 24% had at least one new staff COVID-19 case, and 3% had at least one new resident COVID-19 death.
- Florida had 132 new cases per 100,000 population, compared to a national average of 165 per 100,000.
- Current staff deployed from the federal government as assets to support the state response are: 56 to support operations activities from USCG.
- Between Oct 24 - Oct 30, on average, 380 patients with confirmed COVID-19 and 405 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Florida. An average of greater than 95% of hospitals reported either new confirmed or new suspected COVID patients each day during this period.

RECOMMENDATIONS

- As you can see from the time sequence of maps at the back of your packet, there is a continued increase in cases, hospitalizations, and fatalities nationally, spreading southward from the coldest climates as the population moves indoors and cases increase exponentially. These maps demonstrate the previous impact of comprehensive mitigation efforts when implemented effectively in many areas and that partial or incomplete mitigation leads to prolonged community spread, hospitalizations, and increased fatalities.
- It also shows significant deterioration in the Sunbelt and Florida as mitigation efforts were decreased over the past 5 weeks.
- New hospital admissions in Florida are now beginning rise, suggesting the foci of community spread are expanding. This also indicates that silent spread among younger age groups has been occurring over the past several weeks and is now beginning to infect the more vulnerable Floridians. Hospitalizations and fatalities will once again rise if the current spread is not mitigated.
- Florida must expand mitigation in the counties with rising cases and hospitalizations. Mitigation efforts should continue to include wearing masks in public; physical distancing; hand hygiene; avoiding or eliminating the opportunities for mask-less crowding in public, including bars, and limiting all private social gatherings to the immediate household; and ensuring flu immunizations.
- Florida must increase surveillance for silent community spread by identifying the younger individuals with asymptomatic, mild, and pre-symptomatic infections. Use the Abbott BinaxNOW or other antigen tests as weekly repeat surveillance in critical populations to monitor degree of silent (asymptomatic) community spread among community college students; K-12 teachers; students over 18; all hospital staff; staff working at nursing homes, assisted living, and other congregate living settings; prison staff; and first responders. Triangulate all these new positives to specific geographic locations and create testing incentives to increase testing of all community members; target all 18-35 year-old age groups to identify the highly contagious silent viral spreaders. All antigen results must be reported with both the number of positive results and total tests conducted; these must be reported as COVID cases and isolated.
- Unrelenting and significant community spread is initiated by social gatherings among friends and family. People must remember that seemingly uninfected family members and friends may be infected but asymptomatic. Exposure to asymptomatic cases can easily lead to spread as people unmask in private gatherings. There needs to be specific messaging about this type of community spread. Recruit hospital personnel to raise the alert through the media, including social media, by noting the exposure history of recent admissions; in other words, the percent of most recent hospital admissions who were infected at gatherings with family and friends.
- Ensure all K-12 schools are following CDC guidelines. Ensure university students continue their mitigation behaviors to ensure no further outbreaks on or off campus. Ensure appropriate testing and behavior change in the 10 days prior to student departure to hometowns for the holiday season.
- Ensure all nursing homes, assisted living, and elderly care sites have full testing capacity and are isolating positive staff and residents. There continue to be high levels of positive staff members at long-term care facilities. These cases are indicative of continued and unmitigated community spread in these geographic locations.
- Specific, detailed guidance on community mitigation measures can be found on the CDC website.

COVID-19

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	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	28,436 (132)	+22%	103,362 (154)	542,805 (165)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	6.3%	+0.6%*	7.6%	6.7%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	420,655** (1,959**)	-6%**	1,192,631** (1,782**)	7,430,977** (2,264**)
COVID-19 DEATHS (RATE PER 100,000)	376 (1.8)	-26%	1,428 (2.1)	5,623 (1.7)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	11%	+0%*	15%	13%
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	24%	-2%*	28%	26%
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	3%	-1%*	6%	4%

* Indicates absolute change in percentage points.
** Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests.
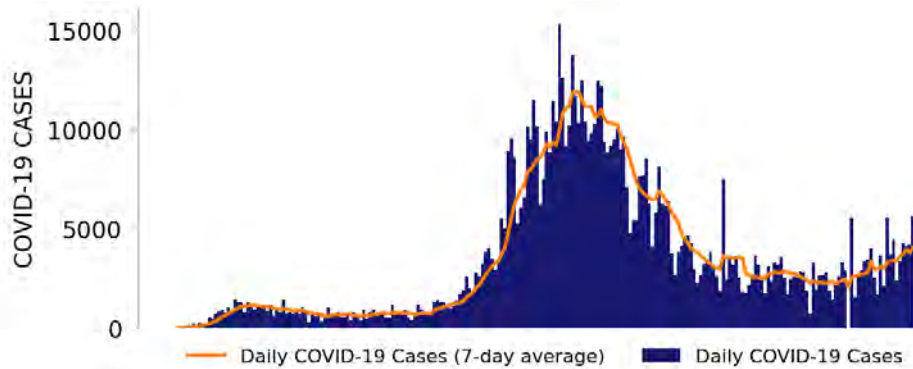**DATA SOURCES** – Additional data details available under METHODS
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases and Deaths: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/30/2020; previous week is 10/17 - 10/23.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/28/2020. Previous week is 10/15 - 10/21.
SNFs: Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Data is through 10/25/2020, previous week is 10/12-10/18. Facilities that are undergoing reporting quality review are not included in the table, but may be included in other NHSN analyses.
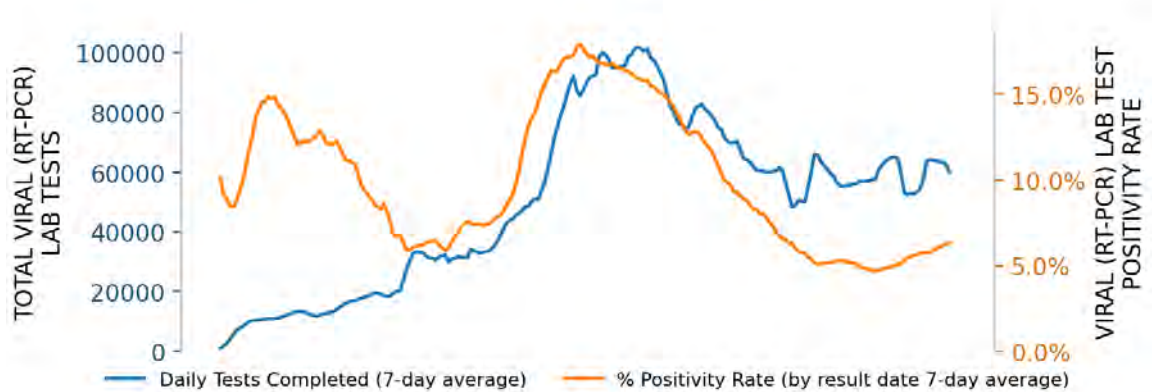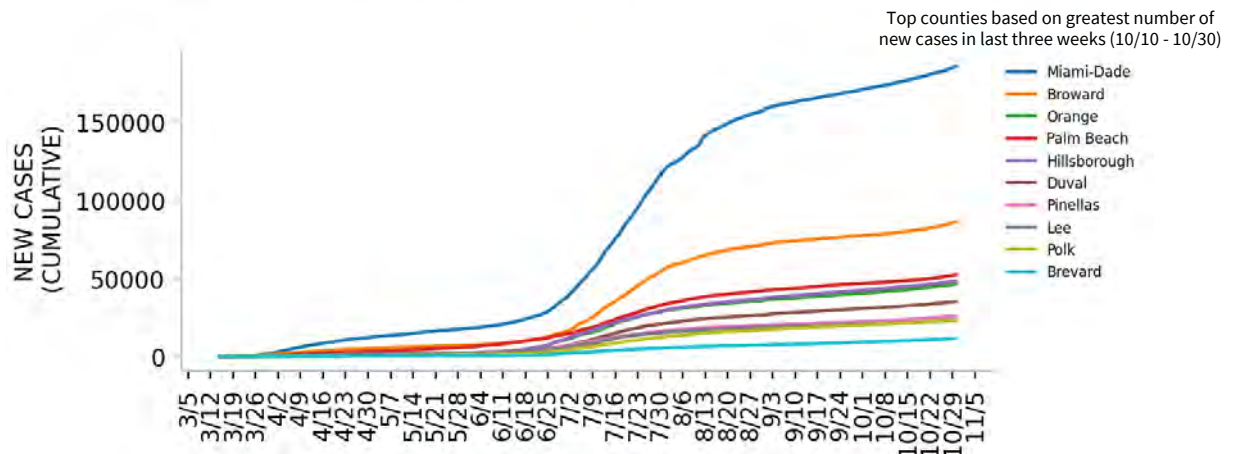
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NEW CASES ▶

— Daily COVID-19 Cases (7-day average)   ■ Daily COVID-19 Cases

TESTING ▶

— Daily Tests Completed (7-day average)   — % Positivity Rate (by result date 7-day average)

TOP COUNTIES ▶

Top counties based on greatest number of new cases in last three weeks (10/10 - 10/30)

— Miami-Dade
— Broward
— Orange
— Palm Beach
— Hillsborough
— Duval
— Pinellas
— Lee
— Polk
— Brevard

DATA SOURCES – Additional data details available under METHODS
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/30/2020.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/28/2020.
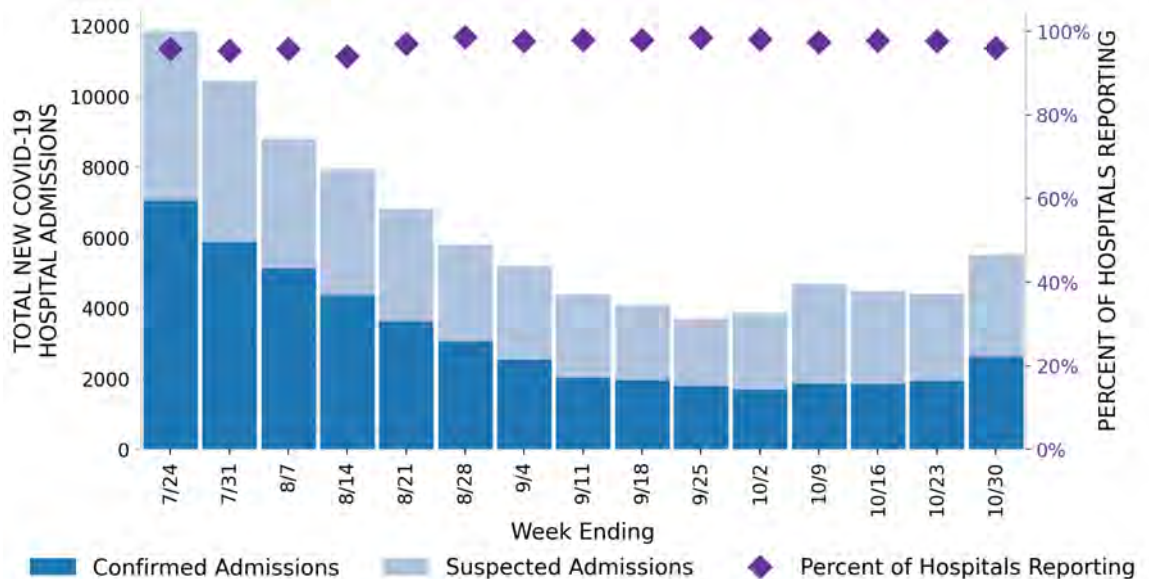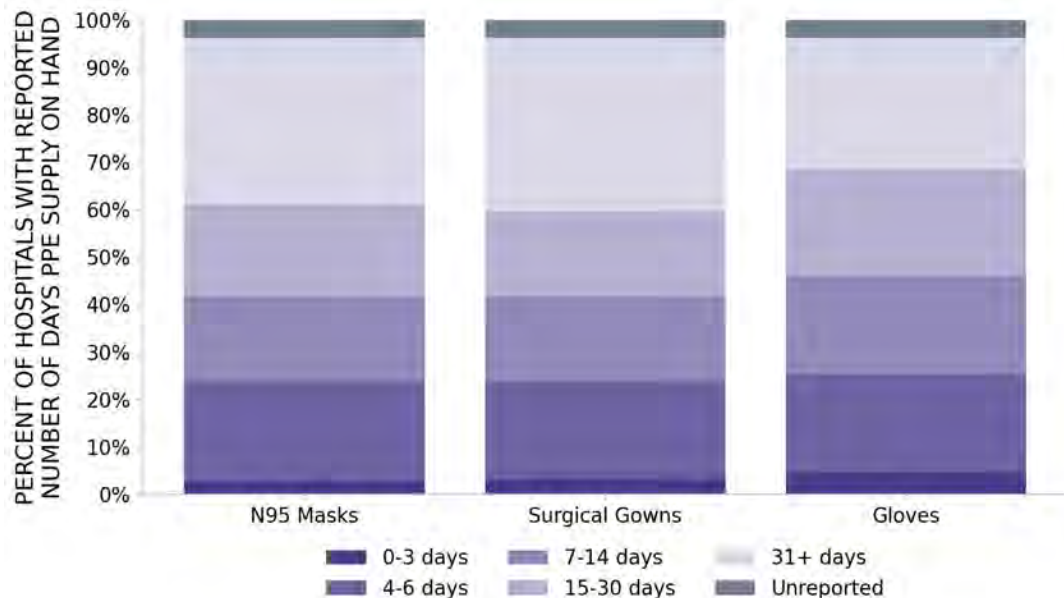
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213 hospitals are expected to report in Florida

HOSPITAL ADMISSIONS ▶

HOSPITAL PPE SUPPLIES ▶

FLORIDA
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COVID-19 COUNTY AND METRO ALERTS*
Top 12 shown in table (full lists below)

	METRO AREA (CBSA)		COUNTIES	
LOCALITIES IN RED ZONE	**2** ▲ (+1)	Crestview-Fort Walton Beach-Destin Wauchula	**5** ■ (+0)	Okaloosa Hardee Union Franklin Glades
LOCALITIES IN ORANGE ZONE	**3** ▲ (+3)	Key West Sebring-Avon Park Palatka	**8** ▲ (+6)	Hernando Walton Monroe Highlands Putnam Baker Taylor Dixie
LOCALITIES IN YELLOW ZONE	**17** ■ (+0)	Miami-Fort Lauderdale-Pompano Beach Tampa-St. Petersburg-Clearwater Orlando-Kissimmee-Sanford Jacksonville North Port-Sarasota-Bradenton Cape Coral-Fort Myers Lakeland-Winter Haven Gainesville Palm Bay-Melbourne-Titusville Pensacola-Ferry Pass-Brent Naples-Marco Island Port St. Lucie	**34** ▲ (+3)	Miami-Dade Broward Orange Palm Beach Hillsborough Duval Pinellas Lee Polk Brevard Alachua Manatee

Change from previous week's alerts:　　　　▲ Increase　　　■ Stable　　　▼ Decrease

All Yellow CBSAs: Miami-Fort Lauderdale-Pompano Beach, Tampa-St. Petersburg-Clearwater, Orlando-Kissimmee-Sanford, Jacksonville, North Port-Sarasota-Bradenton, Cape Coral-Fort Myers, Lakeland-Winter Haven, Gainesville, Palm Bay-Melbourne-Titusville, Pensacola-Ferry Pass-Brent, Naples-Marco Island, Port St. Lucie, Panama City, Sebastian-Vero Beach, Homosassa Springs, Clewiston, Okeechobee
All Yellow Counties: Miami-Dade, Broward, Orange, Palm Beach, Hillsborough, Duval, Pinellas, Lee, Polk, Brevard, Alachua, Manatee, Collier, Osceola, Pasco, Seminole, St. Johns, St. Lucie, Clay, Bay, Indian River, Santa Rosa, Citrus, Martin, Flagler, Suwannee, Holmes, Washington, Hendry, Okeechobee, Jefferson, Calhoun, Bradford, Levy

* Localities with fewer than 10 cases last week have been excluded from these alerts.

Note: Lists of red, orange, and yellow localities are sorted by the number of new cases in the last 3 weeks, from highest to lowest. Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
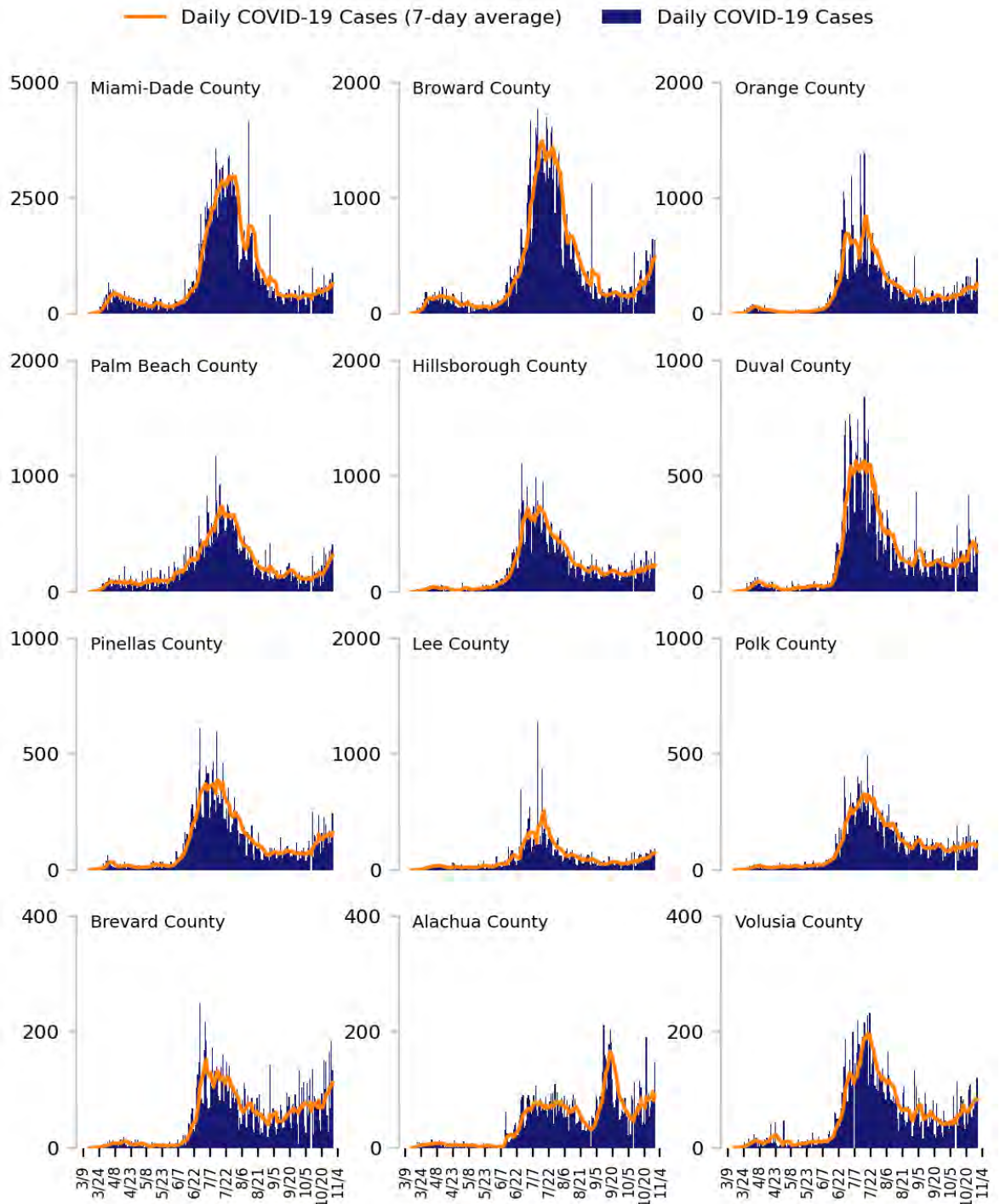**DATA SOURCES** – Additional data details available under METHODS
Cases and Deaths: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/30/2020.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/28/2020.

Top 12 counties based on number of new cases in the last 3 weeks

TOTAL DAILY CASES

Daily COVID-19 Cases (7-day average)   Daily COVID-19 Cases

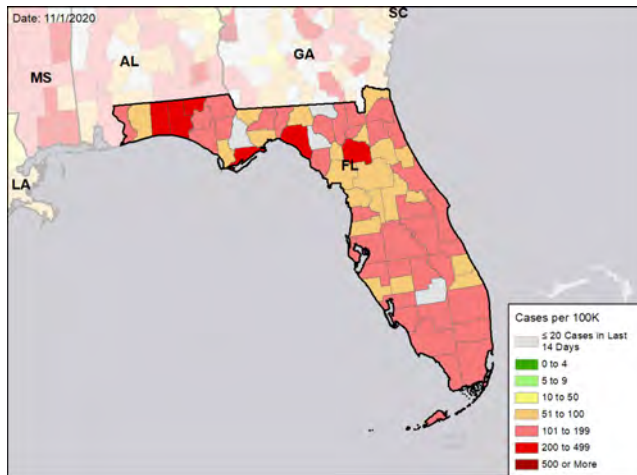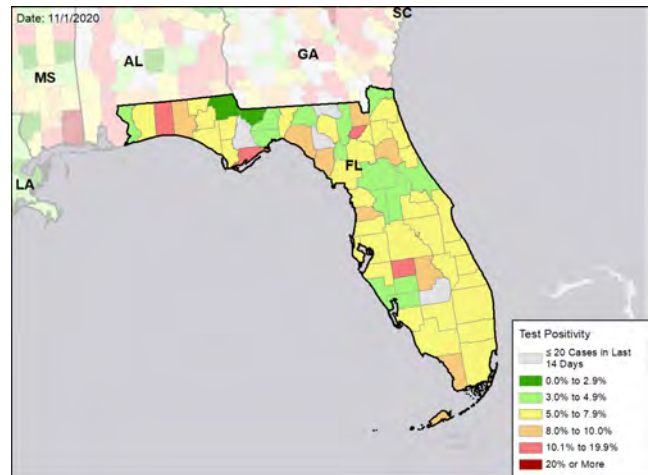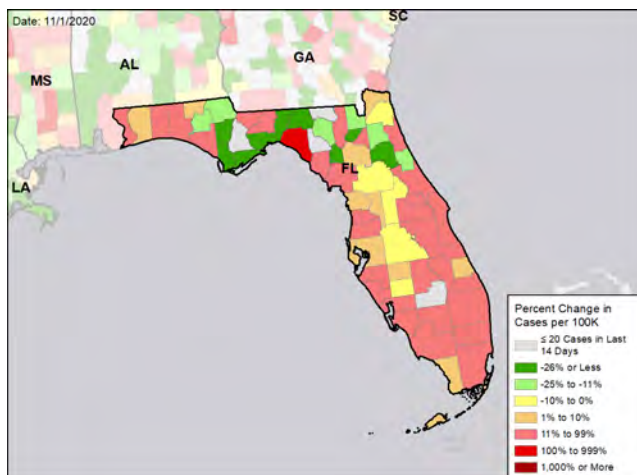**DATA SOURCES** – Additional data details available under METHODS

Cases: State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/30/2020. Last 3 weeks is 10/10 - 10/30.

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CASE RATES AND VIRAL LAB TEST POSITIVITY

NEW CASES PER 100,000

VIRAL (RT-PCR) LABORATORY TEST POSITIVITY

WEEKLY CHANGE IN NEW CASES PER 100,000

WEEKLY CHANGE IN VIRAL (RT-PCR) LABORATORY TEST POSITIVITY

DATA SOURCES – Additional data details available under METHODS
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
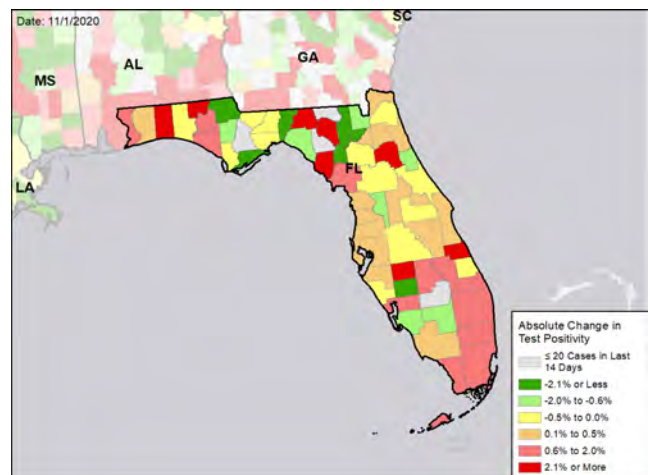**Cases:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 10/30/2020. Previous week is 10/17 - 10/23.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 10/28/2020. Previous week is 10/15 - 10/21.

National Picture

NEW CASES PER 100,000
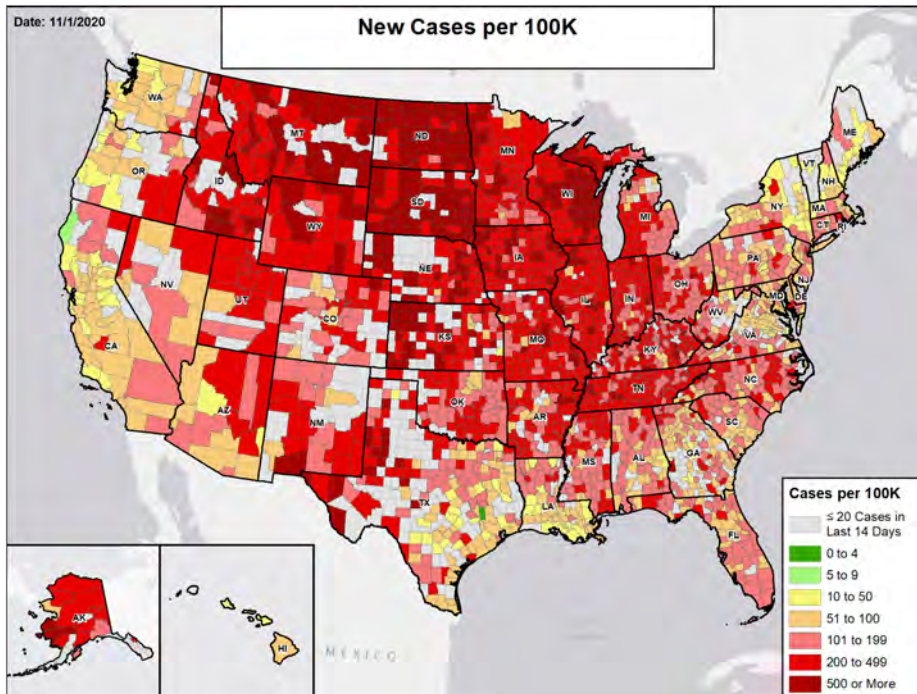
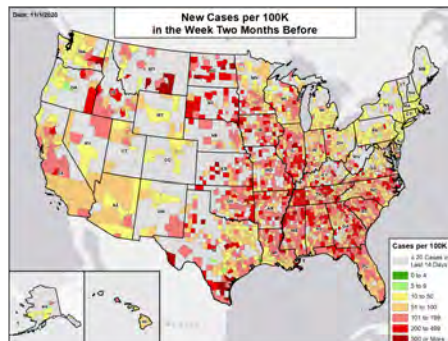## NATIONAL RANKING OF NEW CASES PER 100,000

National Rank	State	National Rank	State
1	ND	27	NC
2	SD	28	TX
3	WI	29	WV
4	MT	30	CT
5	WY	31	SC
6	IA	32	FL
7	AK	33	AL
8	NE	34	MA
9	UT	35	NJ
10	ID	36	PA
11	KS	37	AZ
12	IL	38	DE
13	MN	39	GA
14	NM	40	VA
15	IN	41	MD
16	TN	42	DC
17	RI	43	CA
18	KY	44	LA
19	MO	45	OR
20	AR	46	NY
21	CO	47	WA
22	MI	48	NH
23	NV	49	HI
24	OK	50	ME
25	MS	51	VT
26	OH		

NEW CASES PER 100,000 IN THE WEEK:
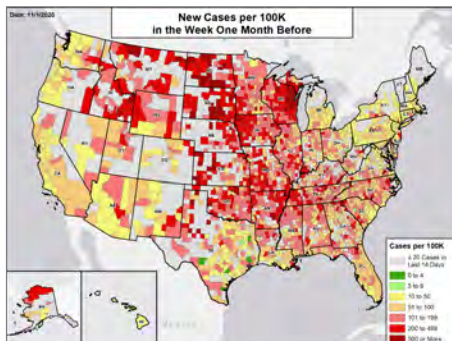
ONE MONTH BEFORE

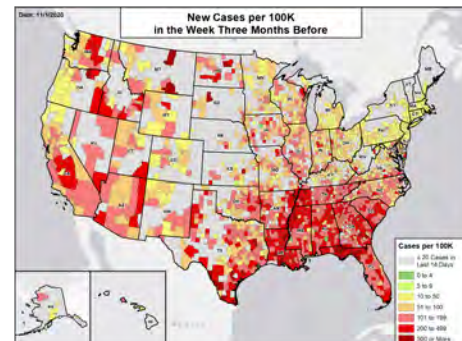### TWO MONTHS BEFORE

THREE MONTHS BEFORE

DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases: County-level data from USAFacts through 10/30/2020. The week one month before is 9/26 - 10/2; the week two months before is 8/29 - 9/4; the week three months before is 8/1 - 8/7.

National Picture

VIRAL (RT-PCR) LAB TEST POSITIVITY
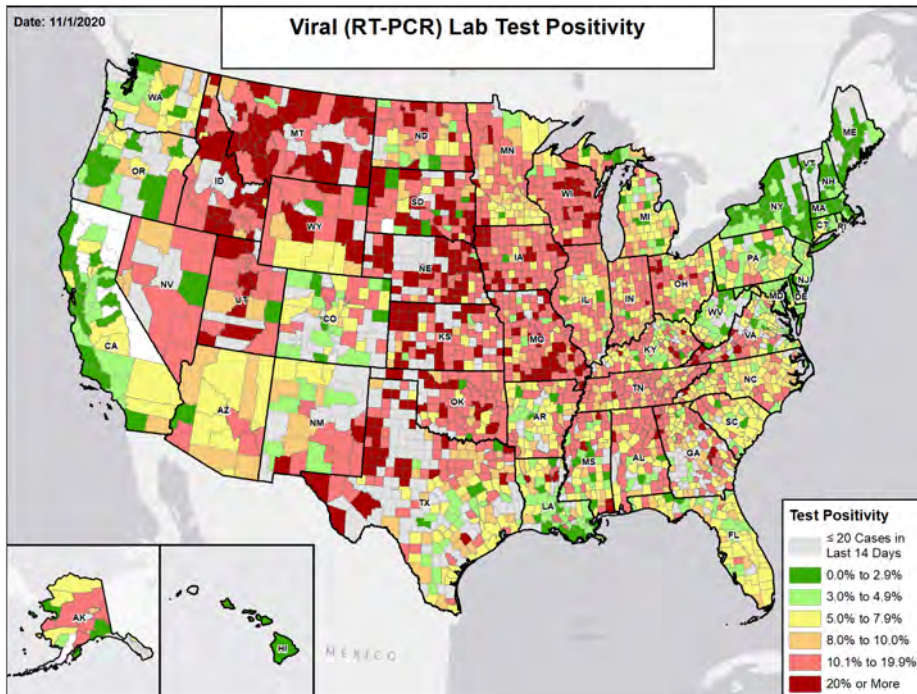
NATIONAL RANKING OF TEST POSITIVITY

National Rank	State	National Rank	State
1	MT	27	SC
2	SD	28	MI
3	ID	29	CO
4	UT	30	NC
5	IA	31	OR
6	KS	32	AZ
7	NE	33	FL
8	WI	34	PA
9	ND	35	OH
10	MO	36	NJ
11	OK	37	CT
12	NV	38	LA
13	NM	39	MD
14	TN	40	WV
15	TX	41	WA
16	IN	42	CA
17	MN	43	DE
18	AL	44	RI
19	KY	45	NH
20	MS	46	HI
21	IL	47	MA
22	WY	48	NY
23	AK	49	DC
24	VA	50	ME
25	AR	51	VT
26	GA		

VIRAL (RT-PCR) LAB TEST POSITIVITY IN THE WEEK:

ONE MONTH BEFORE

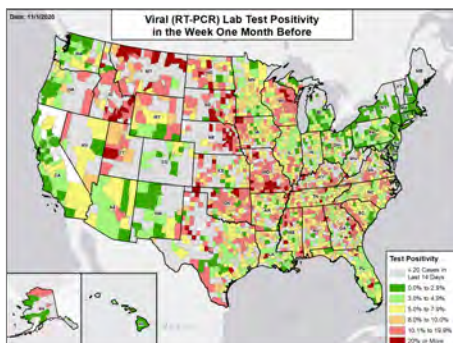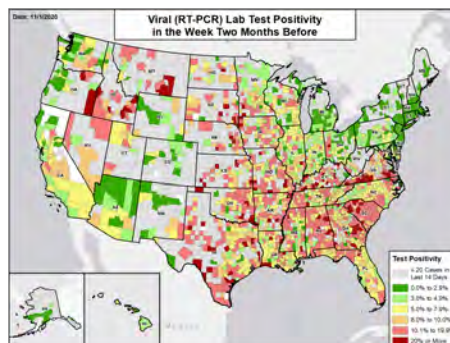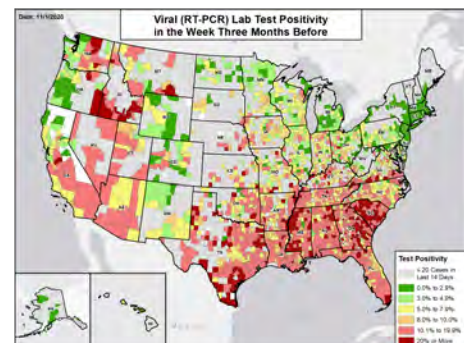### TWO MONTHS BEFORE

THREE MONTHS BEFORE

DATA SOURCES
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Testing: Combination of CELR (COVID-19 Electronic Lab Reporting) state health department-reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 10/28/2020. Tthe week one month before is 9/24 - 9/30; the week two months before is 8/27 - 9/2; the week three months before is 7/30 - 8/5.

National Picture

NEW DEATHS PER 100,000

Date: 11/1/2020
New Deaths per 100K

Deaths per 100K
0.0
>0 to 1.0
1.1 to 2.0
2.1 to 9.9
10.0 or More
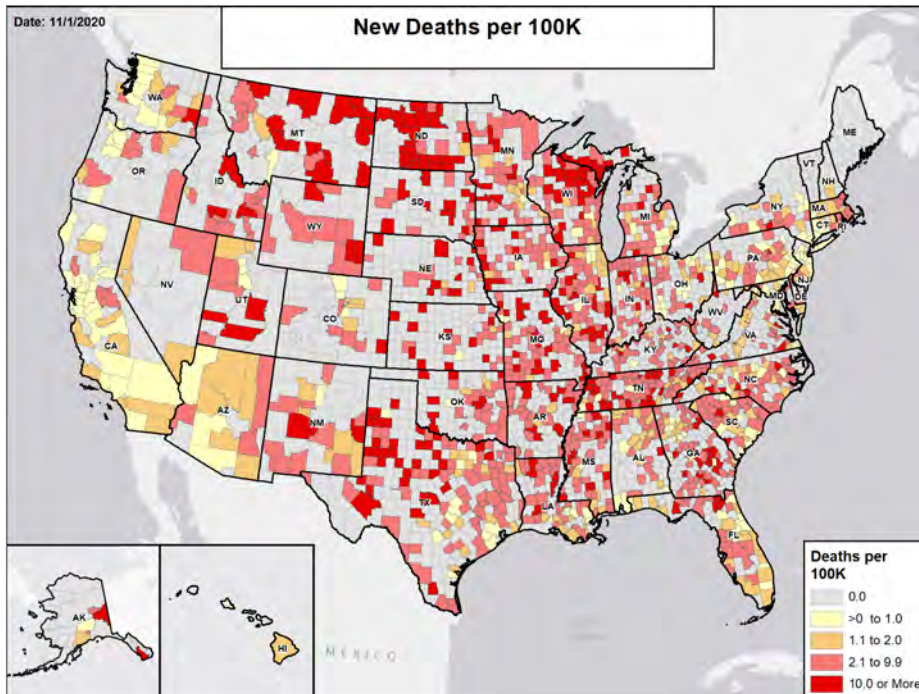
NATIONAL RANKING OF NEW DEATHS PER 100,000

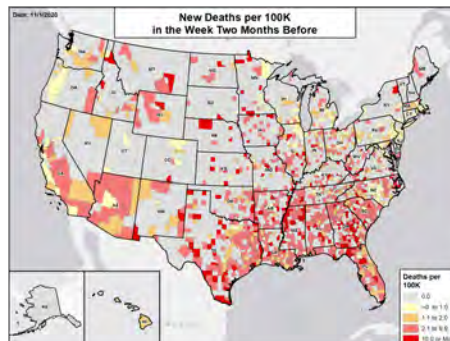| National Rank	State	National Rank	State
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2	MT	28	KY
3	SD	29	AK
4	WI	30	FL
5	TN	31	WV
6	AR	32	AL
7	MO	33	NV
8	ID	34	PA
9	WY	35	VA
10	MS	36	CO
11	IN	37	CT
12	NE	38	UT
13	IA	39	MD
14	DE	40	AZ
15	SC	41	WA
16	IL	42	OH
17	OK	43	NH
18	RI	44	CA
19	NM	45	NJ
20	MN	46	NY
21	MA	47	HI
22	NC	48	OR
23	LA	49	DC
24	TX	50	ME
25	GA	51	VT
26	KS		

NEW DEATHS PER 100,000 IN THE WEEK:

ONE MONTH BEFORE	TWO MONTHS BEFORE	THREE MONTHS BEFORE

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COLOR THRESHOLDS: Results for each indicator should be taken in context of the findings for related indicators (e.g., changes in case incidence and testing volume). Values are rounded before color classification.

Metric	Dark Green	Light Green	Yellow	Orange	Red
New cases per 100,000 population per week	≤4	5 – 9	10 – 50	51 – 100	≥101
Percent change in new cases per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	≥11%
Diagnostic test result positivity rate	≤2.9%	3.0% – 4.9%	5.0% – 7.9%	8.0% – 10.0%	≥10.1%
Change in test positivity	≤-2.1%	-2.0% – -0.6%	-0.5% – 0.0%	0.1% – 0.5%	≥0.6%
Total diagnostic tests resulted per 100,000 population per week	≥2001	1001 – 2000	750 – 1000	500 – 749	≤499
Percent change in tests per 100,000 population	≥26%	11% – 25%	1% – 10%	-10% – 0%	≤-11%
COVID-19 deaths per 100,000 population per week	0.0		0.1 – 1.0	1.1 – 2.0	≥2.1
Percent change in deaths per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	≥11%
Skilled Nursing Facilities with at least one resident COVID-19 case, death	0%		1% – 5%		≥6%
Change in SNFs with at least one resident COVID-19 case, death	≤-2%		-1% – 1%		≥2%

DATA NOTES

- Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. It is critical that states provide as up-to-date data as possible.
- **Cases and deaths:** County-level data from USAFacts as of 18:13 EST on 11/01/2020. State values are calculated by aggregating county-level data from USAFacts; therefore, values may not match those reported directly by the state. Data are reviewed on a daily basis against internal and verified external sources and, if needed, adjusted. Last week data are from 10/24 to 10/30; previous week data are from 10/17 to 10/23; the week one month before data are from 9/26 to 10/2.
- **Testing:** The data presented represent viral COVID-19 laboratory diagnostic and screening test (reverse transcription polymerase chain reaction, RT-PCR) results—not individual people—and exclude antibody and antigen tests, unless stated otherwise. CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe county-level viral COVID-19 laboratory test (RT-PCR) result totals when information is available on patients' county of residence or healthcare providers' practice location. HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) are used otherwise. Some states did not report on certain days, which may affect the total number of tests resulted and positivity rate values. Because the data are deidentified, total viral (RT-PCR) laboratory tests are the number of tests performed, not the number of individuals tested. Viral (RT-PCR) laboratory test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Resulted tests are assigned to a timeframe based on this hierarchy of test-related dates: 1. test date; 2. result date; 3. specimen received date; 4. specimen collection date. Resulted tests are assigned to a county based on a hierarchy of test-related locations: 1. patient residency; 2. provider facility location; 3. ordering facility location; 4. performing organization location. States may calculate test positivity other using other methods. Last week data are from 10/22 to 10/28; previous week data are from 10/15 to 10/21; the week one month before data are from 9/24 to 9/30. HHS Protect data is recent as of 10:22 EST on 11/01/2020. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EDT on 10/31/2020.
- **Hospitalizations:** Unified hospitalization dataset in HHS Protect. This figure may differ from state data due to differences in hospital lists and reporting between federal and state systems. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. The data presented represents raw data provided; we are working diligently with state liaisons to improve reporting consistency. Data is recent as of 18:40 EST on 11/01/2020.
- **Hospital PPE:** Unified hospitalization dataset in HHS Protect. This figure may differ from state data due to differences in hospital lists and reporting between federal and state systems. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Data is recent as of 18:58 EDT on 10/31/2020.
- **Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). Data report resident and staff cases independently. Quality checks are performed on data submitted to the NHSN. Data that fail these quality checks or appear inconsistent with surveillance protocols may be excluded from analyses. Data presented in this report are more recent than data publicly posted by CMS. Last week is 10/19-10/25, previous week is 10/12-10/18. Facilities that are undergoing reporting quality review are not included in the table, but may be included in other NHSN analyses.
- **County and Metro Area Color Categorizations**
  - **Red Zone:** Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases at or above 101 per 100,000 population, and a lab test positivity result at or above 10.1%.
  - **Orange Zone:** Those CBSAs and counties that during the last week reported both new cases between 51–100 per 100,000 population, and a lab test positivity result between 8.0–10.0%, or one of those two conditions and one condition qualifying as being in the "Red Zone."
  - **Yellow Zone:** Those CBSAs and counties that during the last week reported both new cases between 10–50 per 100,000 population, and a lab test positivity result between 5.0–7.9%, or one of those two conditions and one condition qualifying as being in the "Orange Zone" or "Red Zone."