FLORIDA

SUMMARY

- Florida is in the red zone for cases, indicating 101 or more new cases per 100,000 population, with the 37th highest rate in the country. Florida is in the orange zone for test positivity, indicating a rate between 8.0% and 10.0%, with the 37th highest rate in the country.
- Florida has seen an increase in new cases, elevated test positivity, and now week over week increasing hospitalizations. Florida must increase its mitigation as hospitalizations rise and LTCF are again under full threat.
- 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. Palm Beach County. These counties represent 38.5% of new cases in Florida.
- 85% of all counties in Florida have moderate or high levels of community transmission (yellow, orange, or red zones), with 22% having high levels of community transmission (red zone).
- During the week of Nov 9 - Nov 15, 15% of nursing homes had at least one new resident COVID-19 case, 37% had at least one new staff COVID-19 case, and 4% had at least one new resident COVID-19 death.
- Florida had 246 new cases per 100,000 population, compared to a national average of 356 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 Nov 14 - Nov 20, on average, 524 patients with confirmed COVID-19 and 359 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Florida. This is an increase of 8% in total COVID-19 hospital admissions.

RECOMMENDATIONS

- Referring to the national profiles in the back of the packet, there is aggressive, rapid, and expanding community spread across the country, reaching over 2,000 counties. In states with aggressive mitigation, we are beginning to see the impact of that mitigation despite the cooling weather. We are also seeing stabilization in many European countries that implemented strong public and private mitigation, but preserved schooling. However, in many areas of the country, mitigation efforts are inadequate or too recently implemented to see a significant impact. All states and all counties must flatten the curve to sustain the health system for both COVID and non-COVID emergencies.
- The silent community spread that precedes and continues to drive these surges can only be identified and interrupted through proactive, focused testing for both the identification of asymptomatic and pre-symptomatic individuals. This must be combined with significant behavior change of all Americans. Ensure masks at all times in public, increase physical distancing through significant reduction in capacity in public and private indoor spaces, and ensure every American understands the clear risks of ANY family or friend interactions outside of their immediate household indoors without masks.
- Proactive weekly testing of groups representative of the community (teachers, community college students, county workers, staff in crowded or congregate settings, all hospital personnel, large private sector employers) will help identify the depth and breadth of community infection. These cases should be triangulated with cases among long-term care facility (LTCF) staff to identify geographic areas with high numbers of asymptomatic and pre-symptomatic cases, which should then trigger widespread testing, identification, and isolation of positive cases among community members, stopping ongoing spread. These efforts to identify and reduce asymptomatic transmission should run concurrently with testing of symptomatic persons and contact tracing of cases.
- Expanded, strategic use of point-of-care antigen tests with immediate results will be critical to expanding this model into the community; these tests should be used among all individuals independent of symptoms in orange and red counties in Florida.
- Antigen tests perform well in the highly infectious window and will be effective in identification of the asymptomatic and pre-symptomatic infectious cases.
- Antigen tests do not perform well after 8-10 days post infection when nucleic acid cycle times are >30.
- Proactive testing must be part of the mitigation efforts inclusive of universal masking, physical distancing, and hand hygiene.
- We need to protect those we are thankful for in our families and communities. Ensure indoor masking around vulnerable family members during any gatherings due to significant amount of virus circulating and the high rate of asymptomatic and undiagnosed infections among family and community members. Public spaces where masking is not possible must have a significant reduction in capacity or close.
- There are early signs of reduced N95, gown, and glove supply in specific hospitals' reporting. Please contact all hospitals reporting less than one week's supply to confirm data; contact the regional FEMA office for support if this supply issue is confirmed.
- Ensure all universities returning in the winter move to mandatory weekly testing of all on and off campus students. Planning for that must begin now.
- There continue to be high levels of positive staff at LTCF, 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

FLORIDA

STATE REPORT | 11.22.2020

	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	52,866 (246)	+39%	174,589 (261)	1,169,615 (356)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	8.5%	+0.5%*	9.5%	10.5%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	544,324** (2,534**)	+14%**	1,329,742** (1,987**)	10,032,677** (3,057**)
COVID-19 DEATHS (RATE PER 100,000)	437 (2.0)	+2%	1,821 (2.7)	9,981 (3.0)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	15%	+3%*	20%	22%
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	37%	+6%*	39%	43%
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	4%	+1%*	7%	7%
TOTAL NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	6,180 (12)	+8% (+6%)	24,027 (16)	136,015 (19)

* 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 11/20/2020; previous week is 11/7 - 11/13.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/18/2020. Previous week is 11/5 - 11/11.
SNFs: Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Data is through 11/15/2020, previous week is 11/2-11/8. Facilities that are undergoing reporting quality review are not included in the table, but may be included in other NHSN analyses.
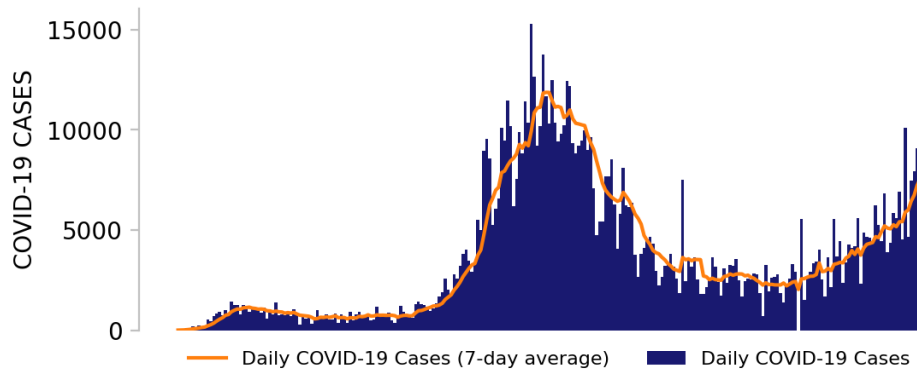**Admissions:** Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the totals. Totals include confirmed and suspected COVID-19 admissions.
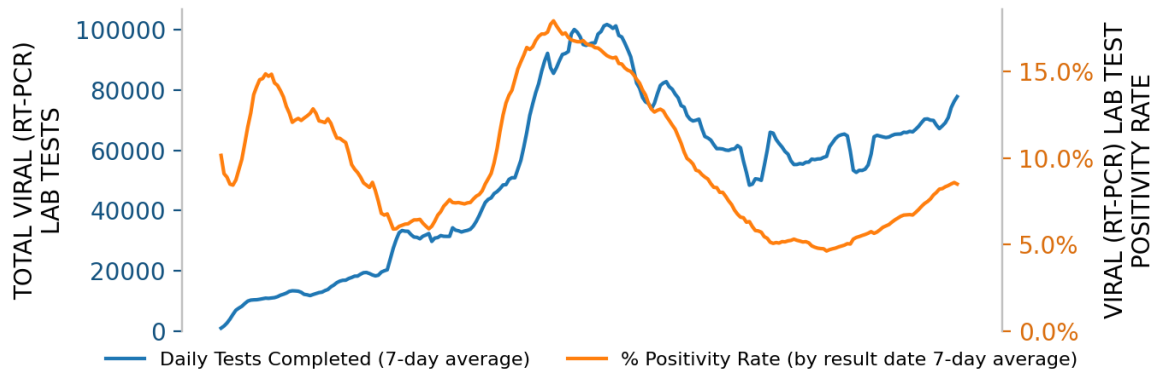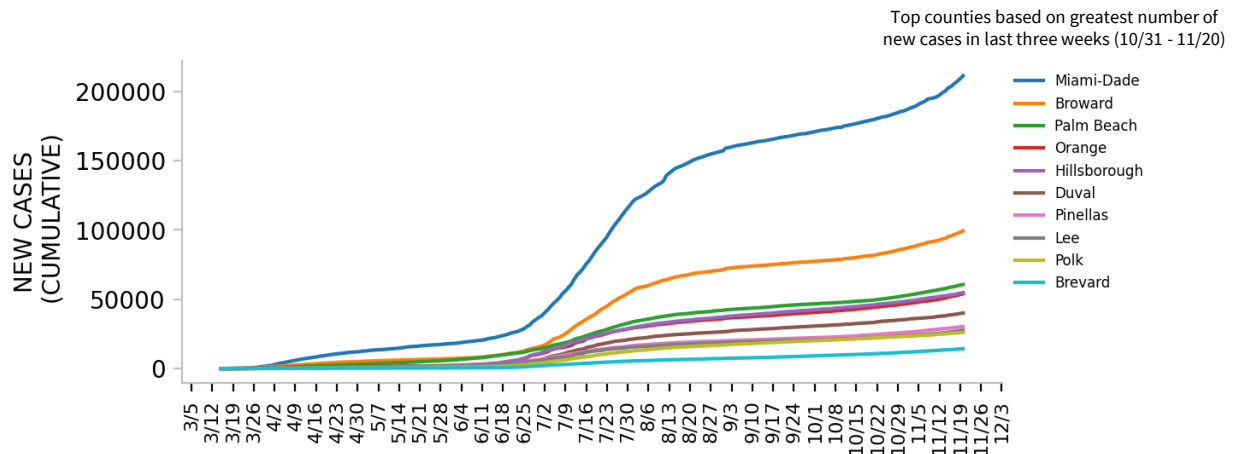
FLORIDA
STATE REPORT | 11.22.2020

NEW CASES

▶

COVID-19 CASES

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

TESTING

▶

TOTAL VIRAL (RT-PCR) LAB TESTS

VIRAL (RT-PCR) LAB TEST POSITIVITY RATE

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

TOP COUNTIES

▶

NEW CASES (CUMULATIVE)

Top counties based on greatest number of new cases in last three weeks (10/31 - 11/20)

— Miami-Dade
— Broward
— Palm Beach
— Orange
— 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 11/20/2020.
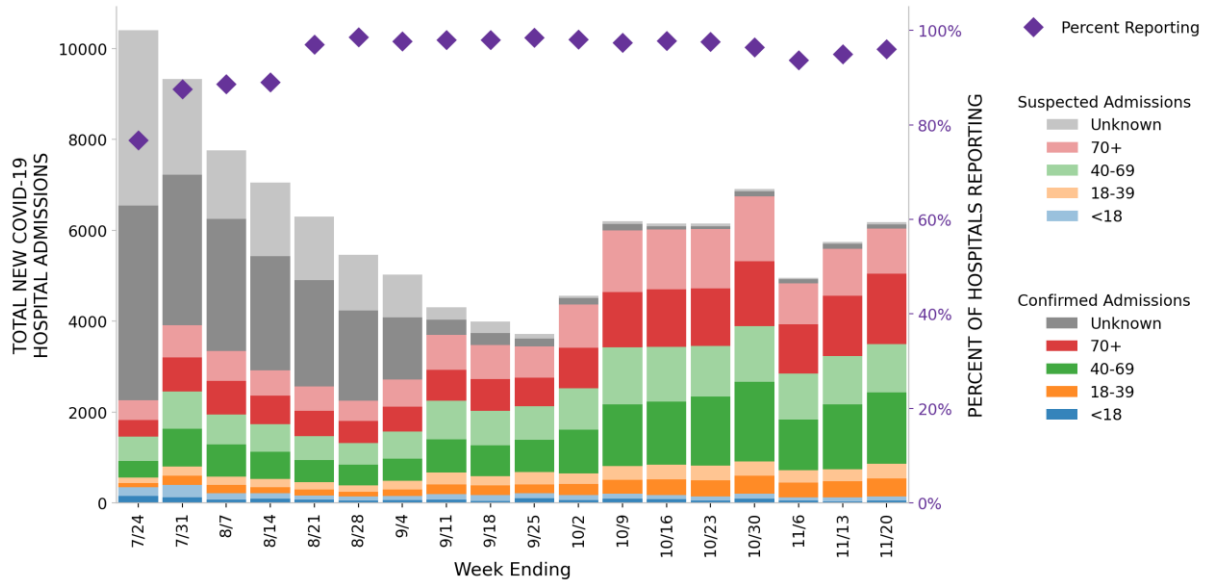**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/18/2020.
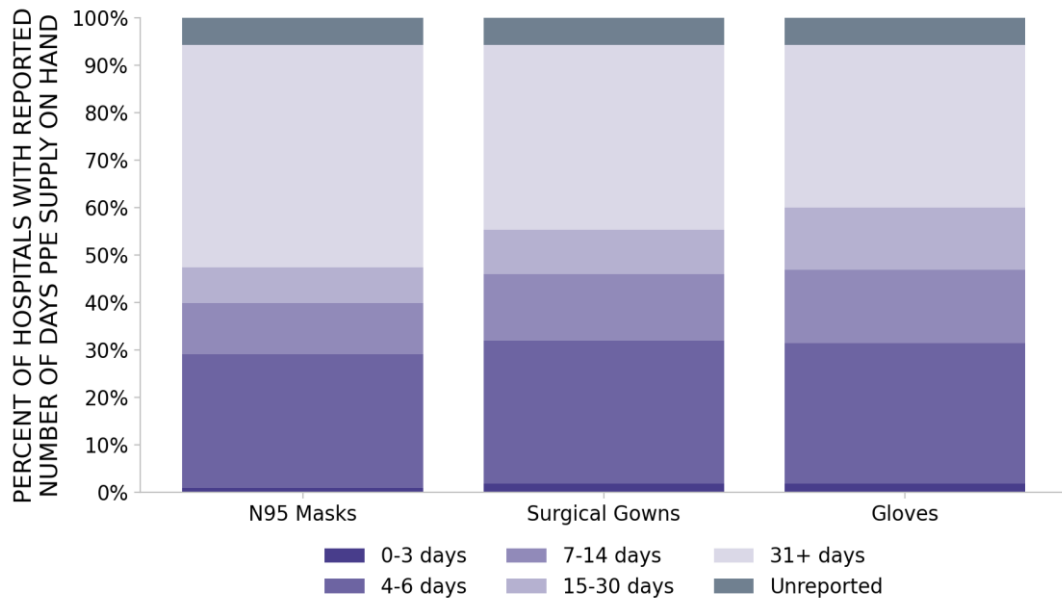
FLORIDA
STATE REPORT | 11.22.2020

213 hospitals are expected to report in Florida

HOSPITAL ADMISSIONS ▶

HOSPITAL PPE SUPPLIES ▶

DATA SOURCES – Additional data details available under METHODS
Hospitalizations: Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure.
PPE: Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Values presented show the latest reports from hospitals in the week ending 11/18/2020.

FLORIDA
STATE REPORT | 11.22.2020
COVID-19 COUNTY AND METRO ALERTS*
Top 12 shown in table (full lists below)

METRO AREA (CBSA)   COUNTIES

	METRO AREA (CBSA)		COUNTIES
LOCALITIES IN RED ZONE	**7** ▲ (+2)	Miami-Fort Lauderdale-Pompano Beach Crestview-Fort Walton Beach-Destin Homosassa Springs Sebring-Avon Park Key West Arcadia Clewiston	**15** ▲ (+5) — Miami-Dade, Broward, Okaloosa, Citrus, Santa Rosa, Walton, Highlands, Monroe, Hernando, DeSoto, Washington, Hendry
LOCALITIES IN ORANGE ZONE	**5** ▼ (-1)	Cape Coral-Fort Myers Pensacola-Ferry Pass-Brent Naples-Marco Island Panama City Wauchula	**14** ▼ (-4) — Palm Beach, Lee, Osceola, Pasco, Escambia, Collier, Bay, Clay, Wakulla, Holmes, Baker, Bradford
LOCALITIES IN YELLOW ZONE	**13** ▼ (-3)	Tampa-St. Petersburg-Clearwater Orlando-Kissimmee-Sanford Jacksonville North Port-Sarasota-Bradenton Lakeland-Winter Haven Gainesville Port St. Lucie Ocala Punta Gorda Sebastian-Vero Beach Lake City Palatka	**28** ▼ (-1) — Orange, Hillsborough, Duval, Pinellas, Polk, Sarasota, Manatee, Alachua, Seminole, Marion, St. Johns, Lake

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

All Yellow CBSAs: Tampa-St. Petersburg-Clearwater, Orlando-Kissimmee-Sanford, Jacksonville, North Port-Sarasota-Bradenton, Lakeland-Winter Haven, Gainesville, Port St. Lucie, Ocala, Punta Gorda, Sebastian-Vero Beach, Lake City, Palatka, Okeechobee
All Red Counties: Miami-Dade, Broward, Okaloosa, Citrus, Santa Rosa, Walton, Highlands, Monroe, Hernando, DeSoto, Washington, Hendry, Levy, Taylor, Hamilton
All Orange Counties: Palm Beach, Lee, Osceola, Pasco, Escambia, Collier, Bay, Clay, Wakulla, Holmes, Baker, Bradford, Hardee, Dixie
All Yellow Counties: Orange, Hillsborough, Duval, Pinellas, Polk, Sarasota, Manatee, Alachua, Seminole, Marion, St. Johns, Lake, St. Lucie, Charlotte, Indian River, Jackson, Martin, Nassau, Flagler, Columbia, Putnam, Okeechobee, Suwannee, Gadsden, Madison, Gilchrist, Calhoun, Gulf

* 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.
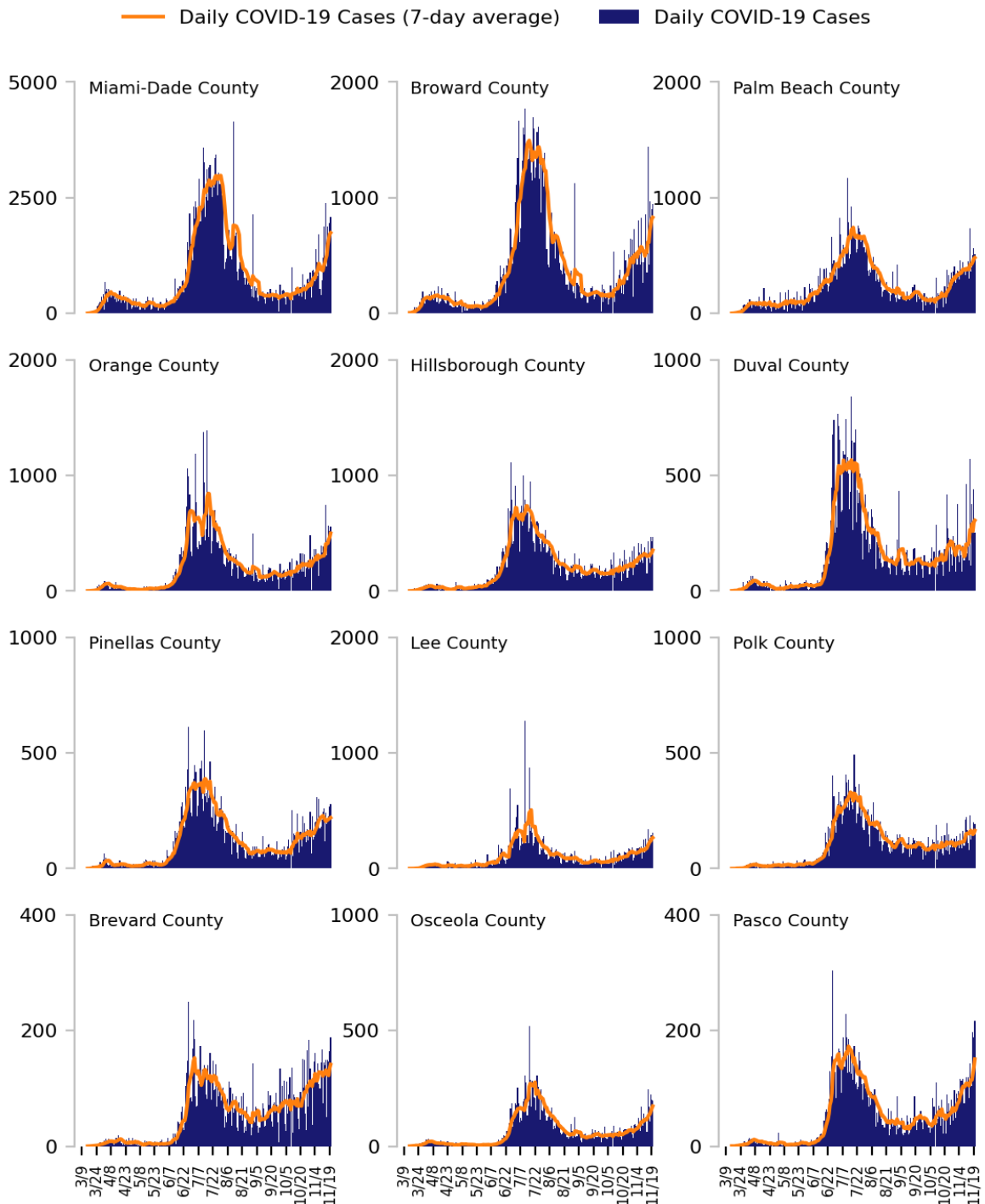**DATA SOURCES** – Additional data details available under METHODS
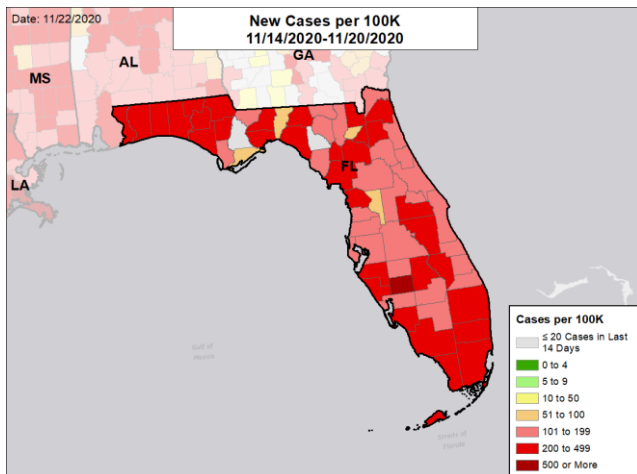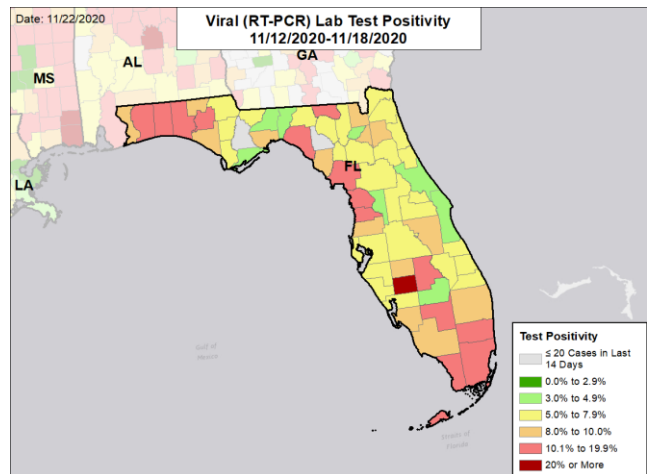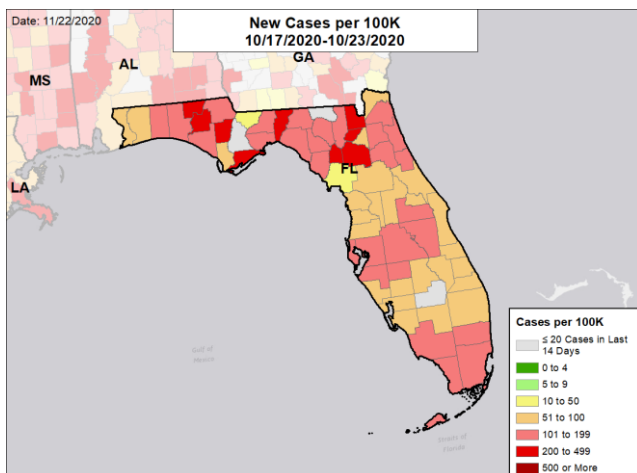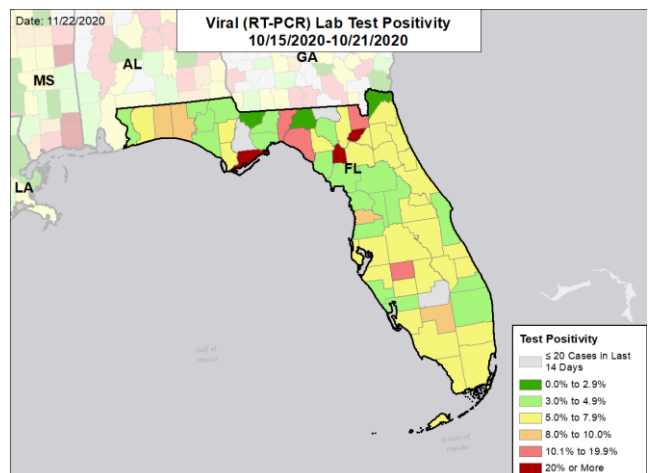**Cases and Deaths:** State values are calculated by aggregating county-level data from USAFacts; therefore, the values may not match those reported directly by the state. Data is through 11/20/2020.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/18/2020.

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

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

TOTAL DAILY CASES

FLORIDA
STATE REPORT | 11.22.2020

CASE RATES AND VIRAL LAB TEST POSITIVITY

NEW CASES PER 100,000

VIRAL (RT-PCR) LABORATORY TEST POSITIVITY

NEW CASES PER 100,000 ONE MONTH BEFORE

VIRAL (RT-PCR) LABORATORY TEST POSITIVITY ONE MONTH BEFORE

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 11/20/2020. The week one month before is 10/17 - 10/23.
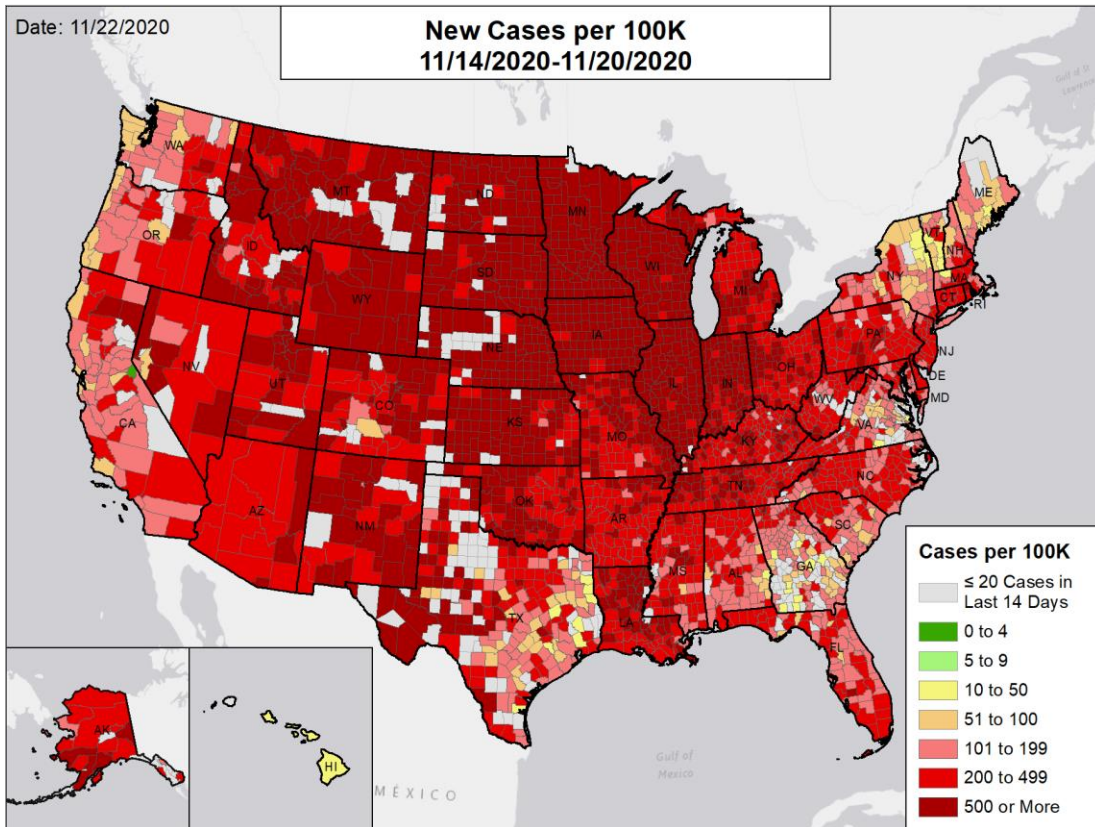**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 11/18/2020. The week one month before is 10/15 - 10/21.

National Picture

NEW CASES PER 100,000

Date: 11/22/2020

New Cases per 100K
11/14/2020-11/20/2020

WA | MT | ND | ME | OR | ID | SD | WI | NH | WY | IA | MI | CT | RI | NE | IL | IN | OH | PA | NJ | DE | MD | NV | UT | CO | KS | MO | KY | WV | VA | CA | AZ | NM | OK | AR | TN | NC | SC | MS | AL | GA | TX | FL

Cases per 100K
- ≤ 20 Cases in Last 14 Days
- 0 to 4
- 5 to 9
- 10 to 50
- 51 to 100
- 101 to 199
- 200 to 499
- 500 or More

MÉXICO | Gulf of Mexico | AK | HI

NATIONAL RANKING OF NEW CASES PER 100,000

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

Europe is experiencing a fall surge similar to the USA and is showing early signs of improvement through country-specific mitigation efforts.
- 80% (48/60 countries) require wearing masks in all public settings
  - Most countries have imposed fines for non-compliance
- 93% (56/60) have significant restrictions on gathering size
- 63% (38/60) have some form of nonessential business closures, initially focused on bars and reducing restaurant capacity
- 60% (37/60) have some form of entertainment or public space restriction
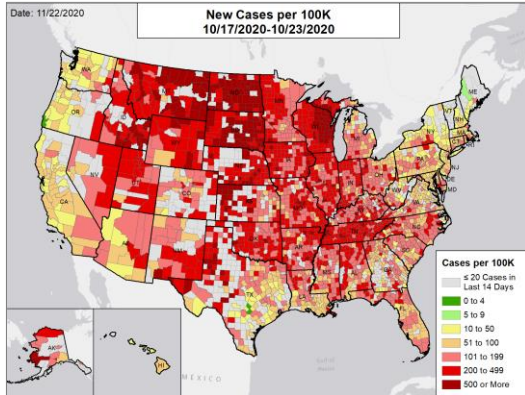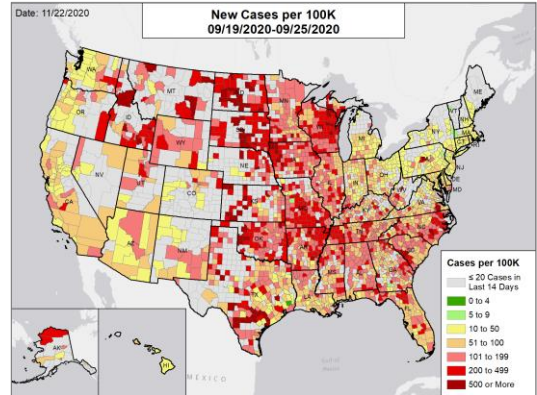- 65% (39/60) have deployed a contact tracing app

National Picture

NEW CASES PER 100,000 IN THE WEEK:

ONE MONTH BEFORE

Date: 11/22/2020 — New Cases per 100K 10/17/2020-10/23/2020

TWO MONTHS BEFORE

Date: 11/22/2020 — New Cases per 100K 09/19/2020-09/25/2020
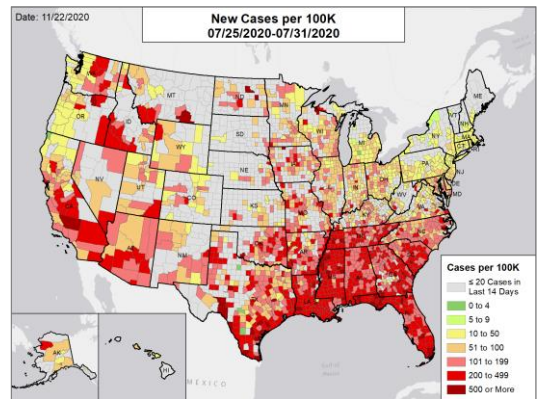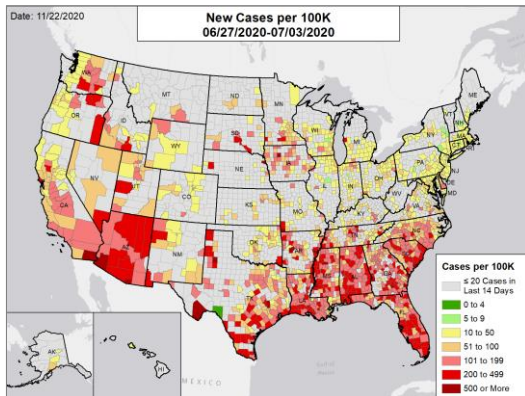
THREE MONTHS BEFORE

Date: 11/22/2020 — New Cases per 100K 08/22/2020-08/28/2020

FOUR MONTHS BEFORE

Date: 11/22/2020 — New Cases per 100K 07/25/2020-07/31/2020

FIVE MONTHS BEFORE

Date: 11/22/2020 — New Cases per 100K 06/27/2020-07/03/2020

SIX MONTHS BEFORE

Date: 11/22/2020 — New Cases per 100K 05/30/2020-06/05/2020

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 11/20/2020. The week one month before is 10/17 - 10/23; the week two months before is 9/19 - 9/25; the week three months before is 8/22 - 8/28; the week four months before is 7/25 - 7/31; the week five months before is 6/27 - 7/3; the week six months before is 5/30 - 6/5.

National Picture

## VIRAL (RT-PCR) LAB TEST POSITIVITY
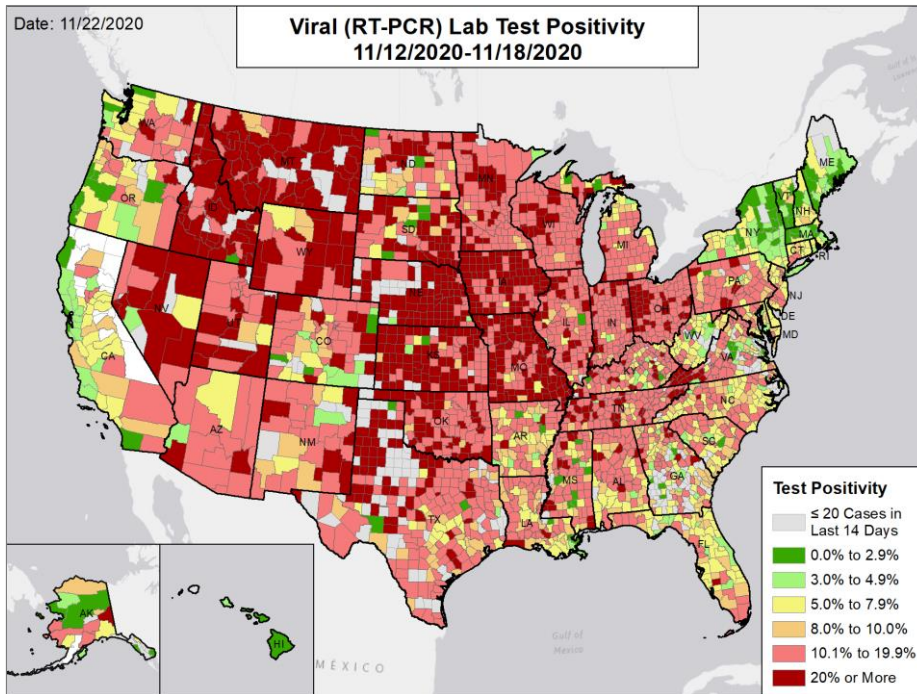

NATIONAL RANKING OF TEST POSITIVITY

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

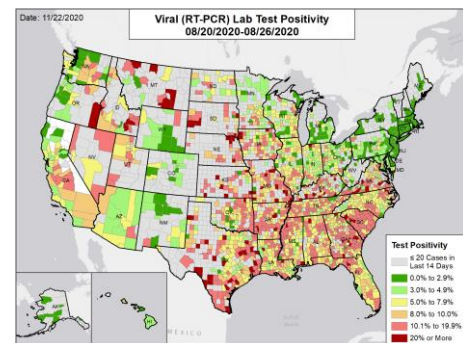## VIRAL (RT-PCR) LAB TEST POSITIVITY IN THE WEEK:

ONE MONTH BEFORE
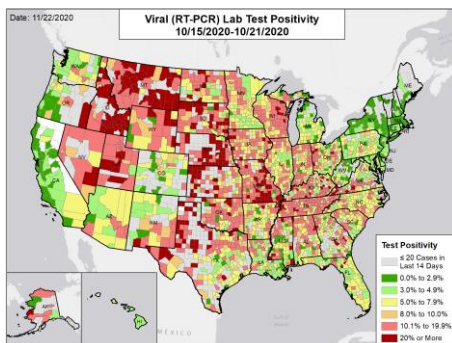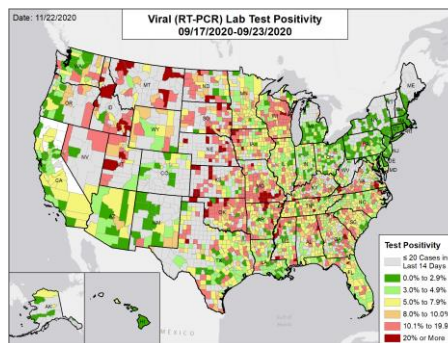
TWO MONTHS BEFORE

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 11/18/2020. Tthe week one month before is 10/15 - 10/21; the week two months before is 9/17 - 9/23; the week three months before is 8/20 - 8/26.

National Picture

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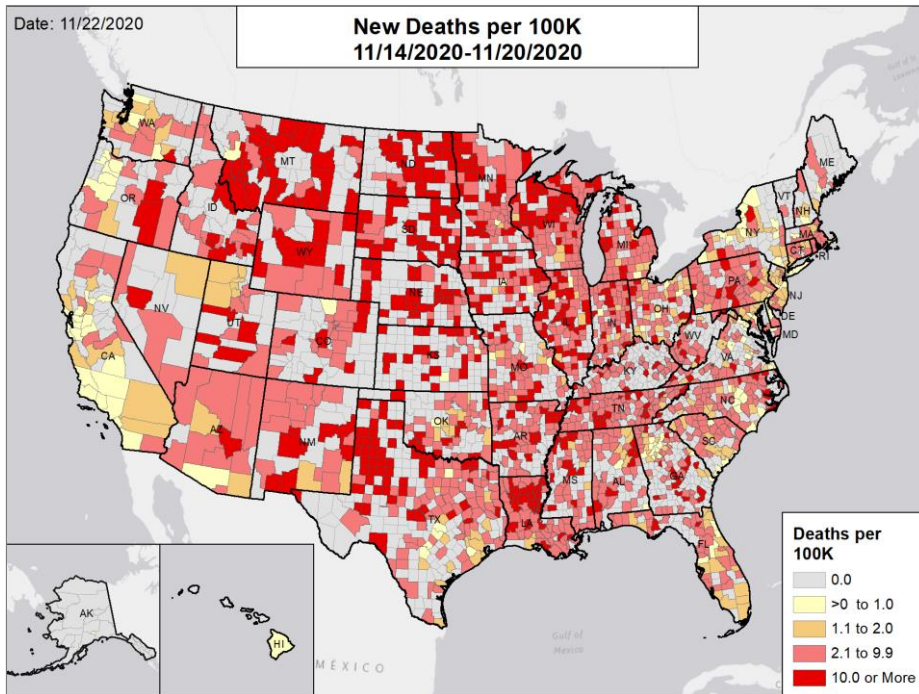
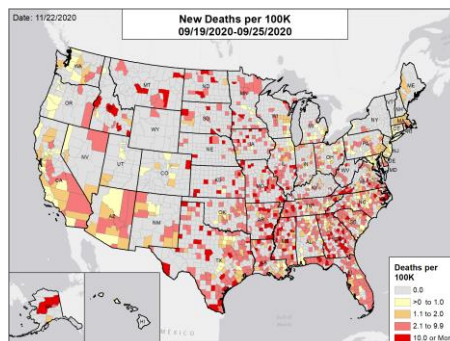## NATIONAL RANKING OF NEW DEATHS PER 100,000

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

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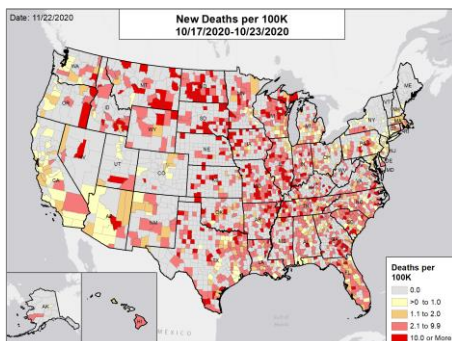
ONE MONTH BEFORE

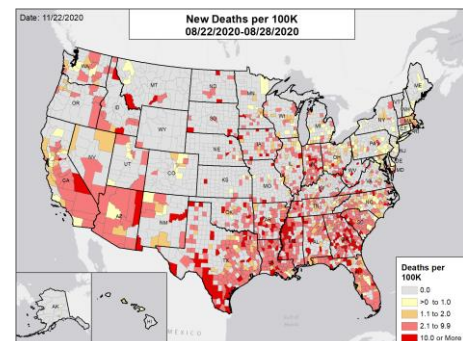### TWO MONTHS BEFORE

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.
Deaths: County-level data from USAFacts through 11/20/2020. The week one month before is 10/17 - 10/23; the week two months before is 9/19 - 9/25; the week three months before is 8/22 - 8/28.

METHODS
STATE REPORT | 11.22.2020

Metric	Dark Green	Light Green	Yellow	Orange	Light Red	Red	Dark Red
New cases per 100,000 population per week	≤4	5 – 9	10 – 50	51 – 100	101 – 199	200 – 499	≥500
Percent change in new cases per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 99%	100% – 999%	≥1000%
Diagnostic test result positivity rate	≤2.9%	3.0% – 4.9%	5.0% – 7.9%	8.0% – 10.0%	10.1% – 19.9%		≥20.0%
Change in test positivity	≤-2.1%	-2.0% – -0.6%	-0.5% – 0.0%	0.1% – 0.5%	0.6% – 2.0%		≥2.1%
Total diagnostic tests resulted per 100,000 population per week	≥2001	1001 – 2000	750 – 1000	500 – 749	250 – 499		≤249
Percent change in tests per 100,000 population	≥26%	11% – 25%	1% – 10%	-10% – 0%	-25% – -11%		≤-26%
COVID-19 deaths per 100,000 population per week	0.0		0.1 – 1.0	1.1 – 2.0	2.1 – 3.0		≥3.1
Percent change in deaths per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥26%
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%		
Total new COVID-19 hospital admissions per 100 beds	≤2	3 – 5	6 – 10	11 – 20	21 – 30		≥31
Change in total new COVID-19 hospital admissions per 100 beds	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥26%

- Some dates may have incomplete data due to delays and/or differences in state 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. Figures and values may also differ from state reports due to differing methodologies.
- Color threshold values are rounded before color classification.
- **Cases and deaths:** County-level data from USAFacts as of 19:25 EST on 11/22/2020. State values are calculated by aggregating county-level data from USAFacts. Data are reviewed on a daily basis against internal and verified external sources and, if needed, adjusted.
- **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 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. Because the data are deidentified, total RT-PCR tests are the number of tests performed, not the number of individuals tested. RT-PCR test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 11/12 to 11/18; previous week data are from 11/5 to 11/11; the week one month before data are from 10/15 to 10/21. HHS Protect data is recent as of 12:03 EST on 11/22/2020. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EST on 11/21/2020.
- **Hospitalizations:** Unified hospitalization dataset in HHS Protect. 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 18:06 EST on 11/22/2020.
- **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. 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 18:25 EST on 11/21/2020.
- **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 11/9-11/15, previous week is 11/2-11/8. 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."