### Health Industry Advisor, Ilc

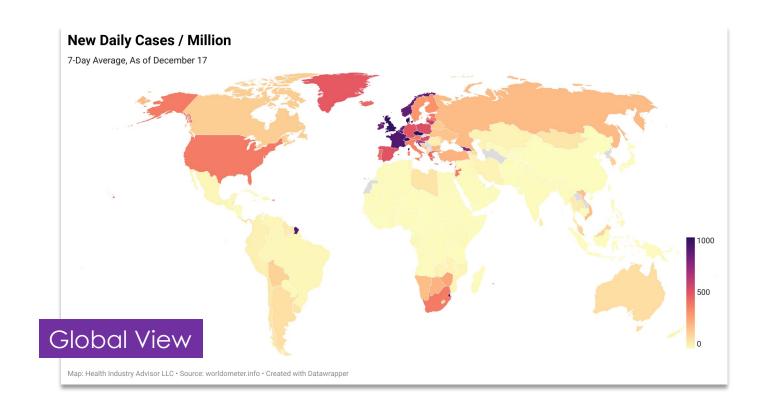
"Strategic Advice in an Era of Unprecedented Change"

### COVID19 VITAL SIGNS

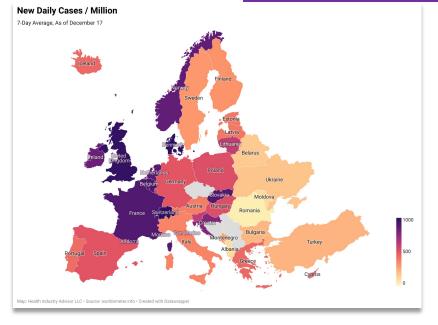
**ISSUE #361** 

MONDAY, DECEMBER 20, 2021

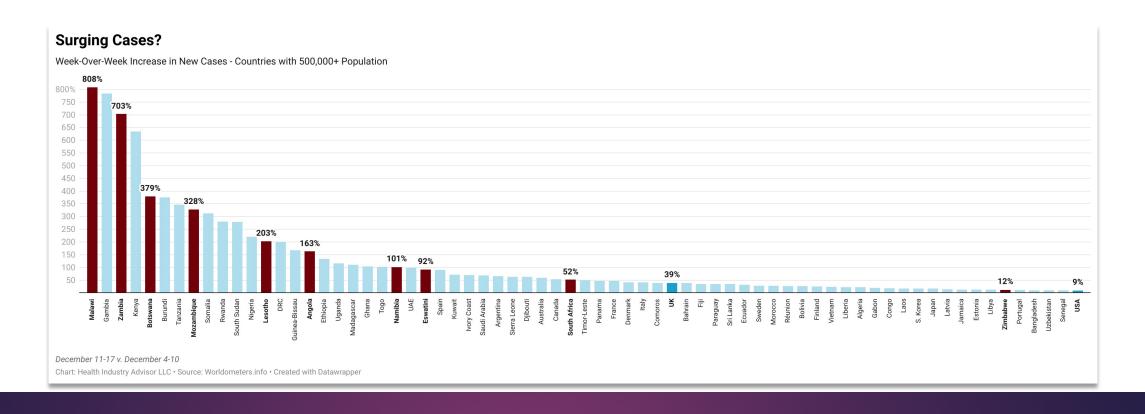
#### New Case Rates per Capita



#### European View



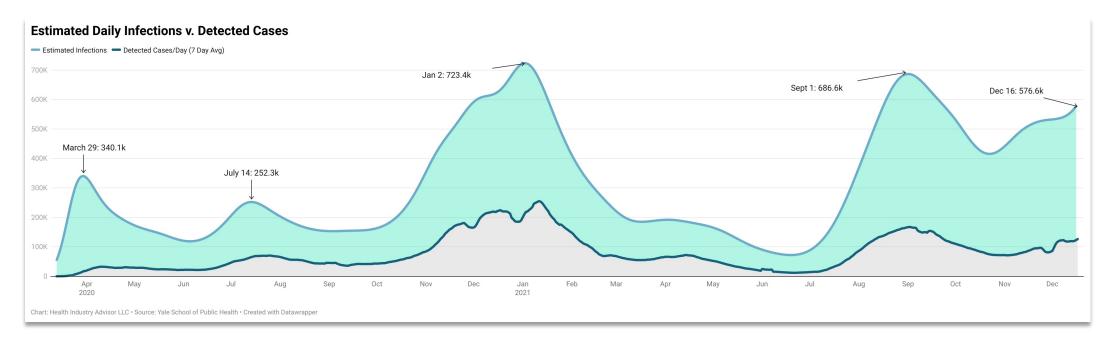




## Where in the World Are Cases Surging?

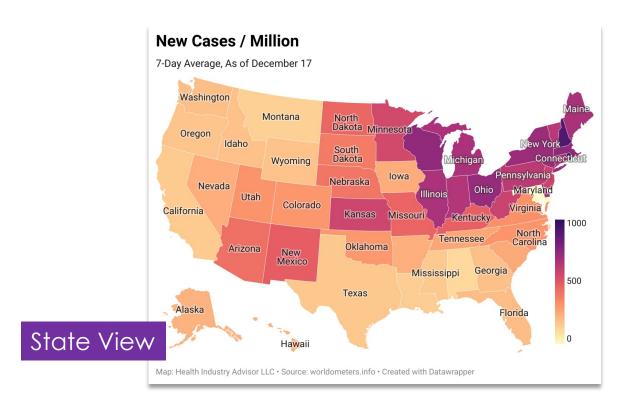
Cases are surging in several countries in southern Africa (shown here in burgundy. US and UK also highlighted.)

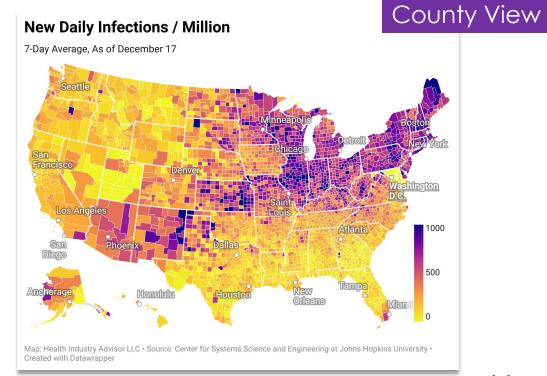
# Timeline: Estimated Infections and Reported Cases - United States





#### New Daily Cases Per Capita – Last Week



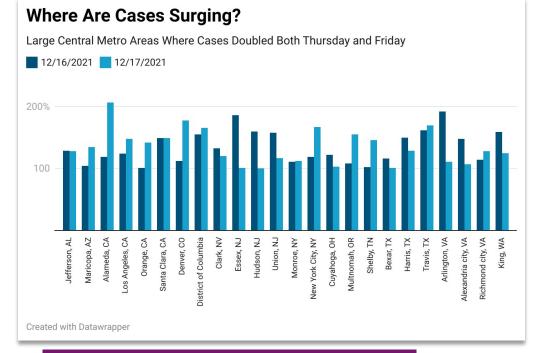




### Where Were Cases Surging Late Last Week?

Cases in at least 415 counties/municipalities - from New York City to tiny Green Lake, Wisconsin - doubled on Thursday and again on Friday.

### **Late Week Covid Surge?** Counties/Municipalities For Which Cases Doubled Both Thursday and Friday Map: Health Industry Advisor LLC • Source: Johns Hopkins Center for Systems Science and Engineering • Created with Datawrapper



Twenty five of the sixty-four Large Central Metro areas in the U.S. saw cases double on Thursday and again on Friday.

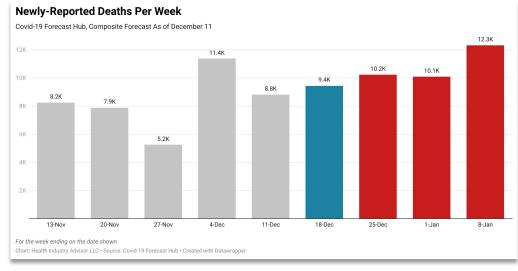


### What is the Consensus for Cases and Deaths in the Next Few Weeks?

#### Source: Covid-19 Forecast Hub



Projection - Next 3 Weeks

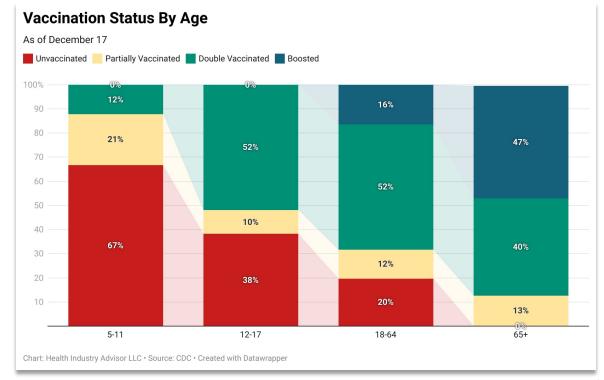


Actual Projection – Current Week
Projection – Next 3 Weeks



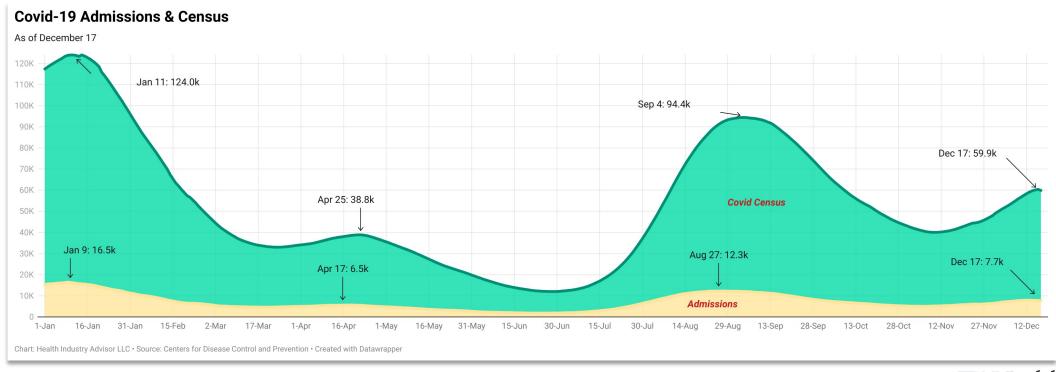
#### Who is Vaccinated?

- Less than half of senior citizens are max protected (vaccinated + booster)
- One-in-five working age adults have no vaccine protection
- Only half of middle and high school aged persons are double vaccinated
- Only one-third of elementary age children have received a Covid vaccine



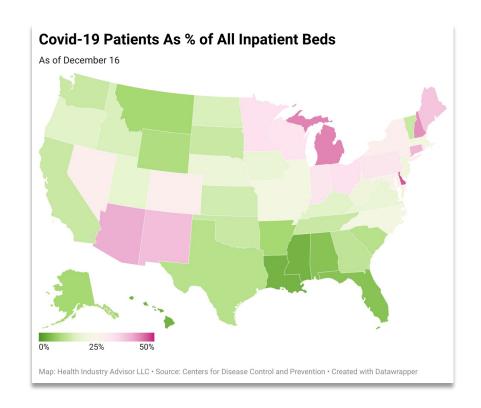


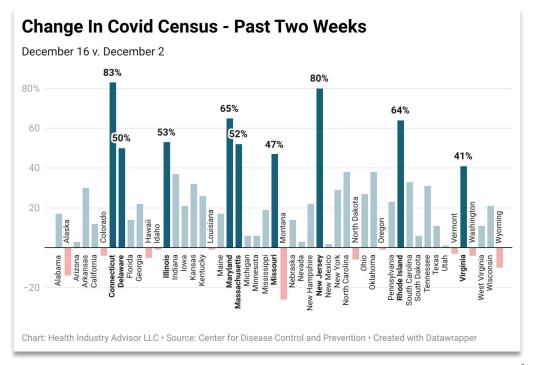
# Timeline: How Many Covid Patients Are in the Hospital?





# Where Are Caregivers and Hospitals Straining With Covid Patients?

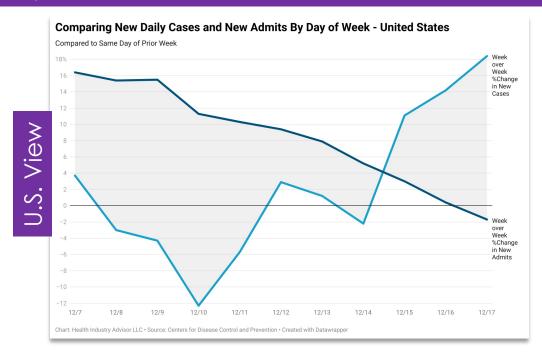


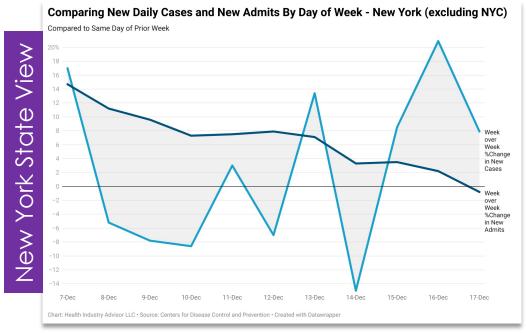




## Is the Recent Case Surge Driving Hospital Admissions Yet?

Despite the rise in new cases late last week, Covid admissions have declined ten consecutive days, on a day-of-week-adjusted basis.



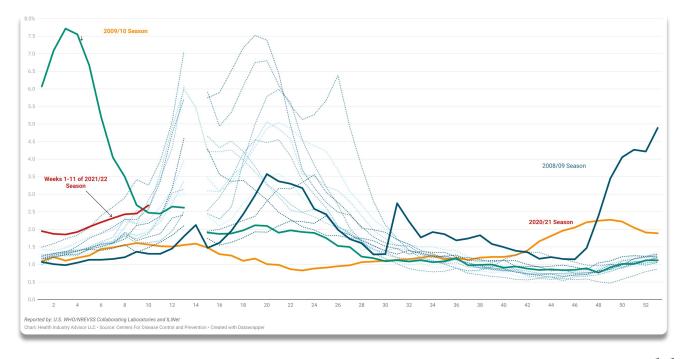




#### Flu Visits: Comparison of the Past Fifteen Seasons

#### As we near the peak flu season:

- ► Flu visits are relatively high for this point in the season;
- ► However, they are trending up more slowly than most years.





#### Sources

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- Centers for Disease Control and Prevention, COVID Data Tracker https://www.cdc.gov/covid-data-tracker/index.html#mobility
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