



DAYTON



DAYTON FIRE DEPARTMENT

COVID-19

Weekly Operational Update

Numbers Thru

1-March-2021

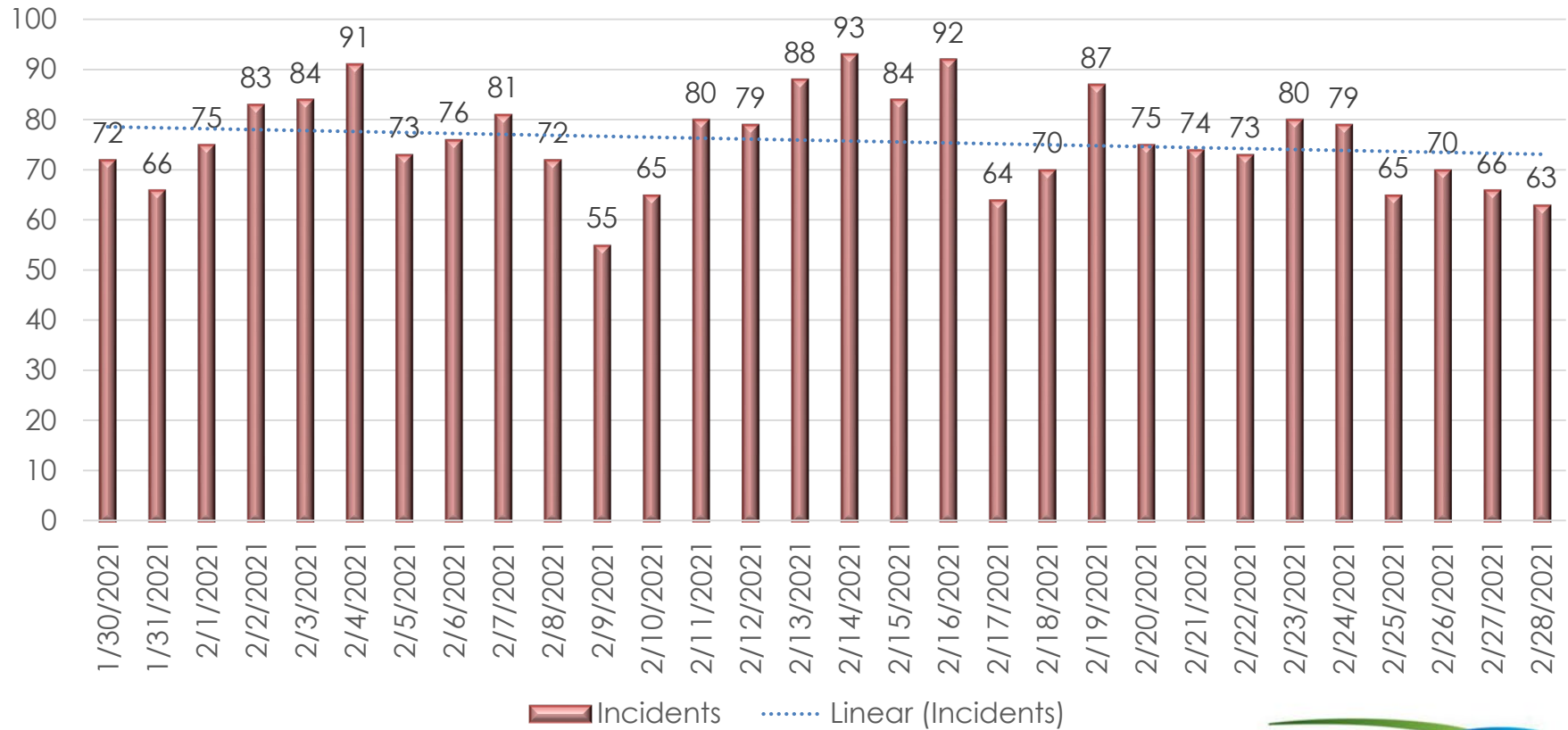


Daily EMS Unit Utilization – Last 30 Days

30-Day Average = 75.83 (EMS Only)

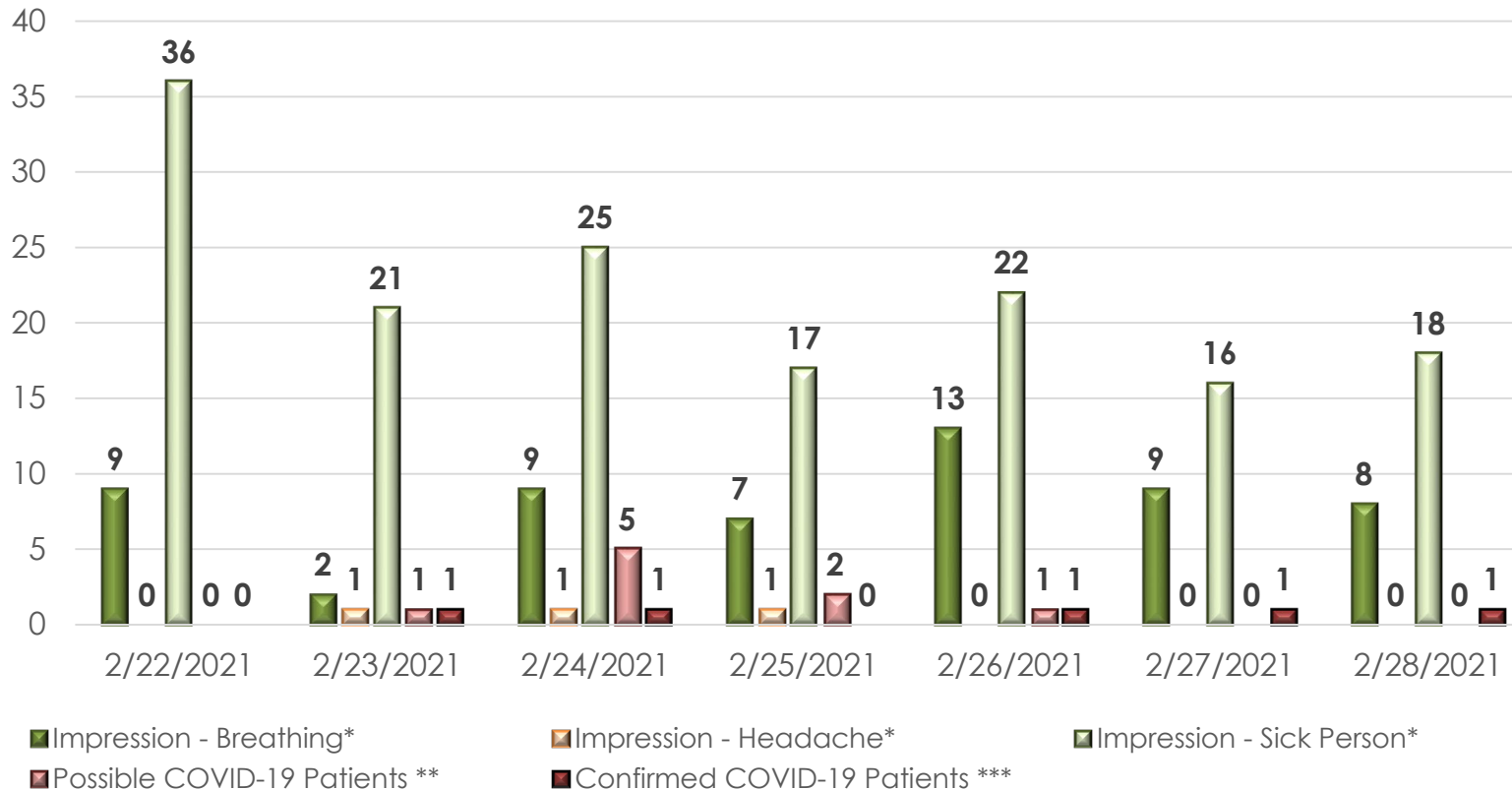
February 2020 Average = 79.07

2020 Overall Average = 79.39



Call Types, Crew Impressions, & Confirmed Contacts

Last Week



Values in
green/orange
are
dispatched
call types for
that day.

**TOTAL KNOWN
POSITIVE
CONTACTS
(Last 7 days)**

5 **

**CUMULATIVE
(Since 1/1/20)**

618

* By primary or secondary impression

** By completing the "Outbreak Screening" form, or by listing COVID-19 in the primary or secondary impression

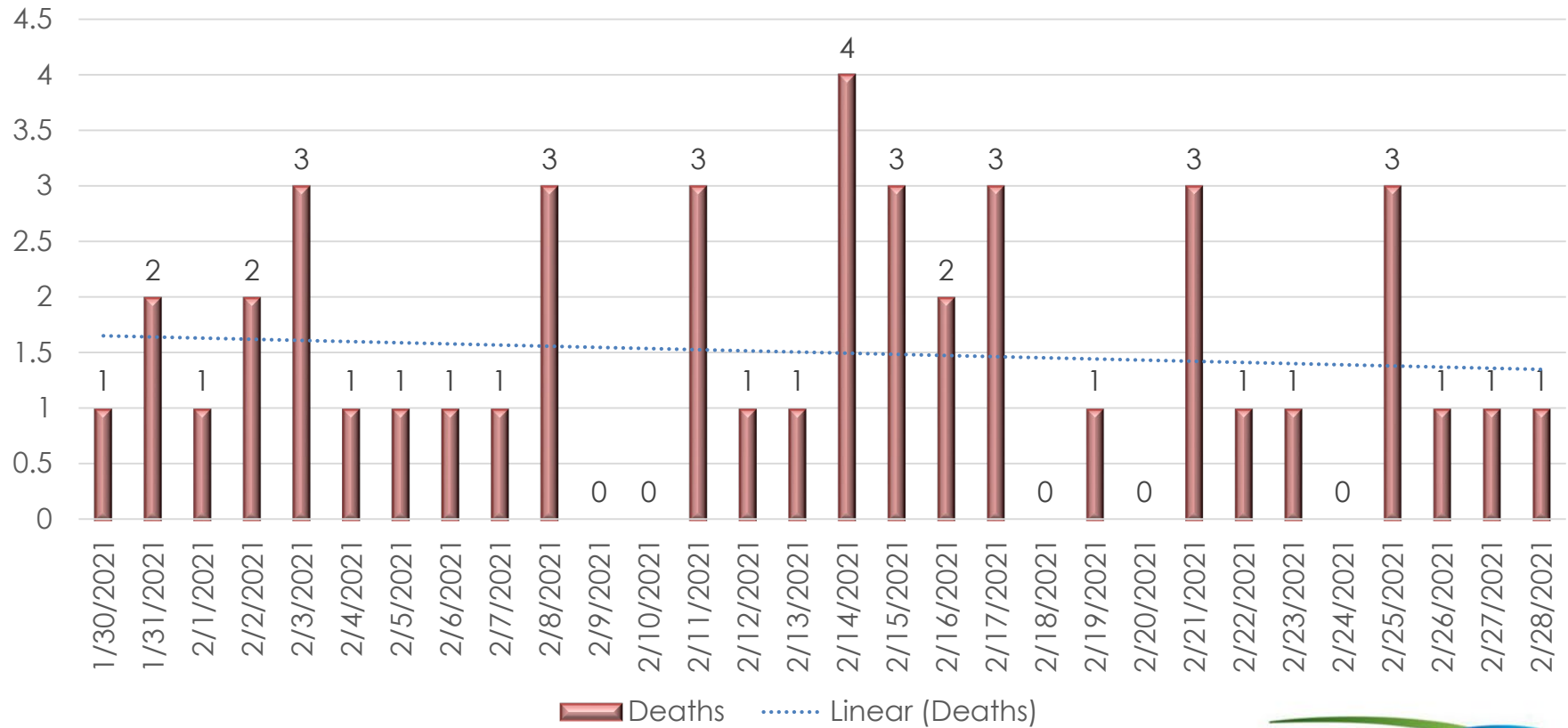
*** Confirmed patient contacts as of the date of this report as reported by Montgomery County Public Health or a receiving facility

Non-Transported Dead On Scene

30-Day, Daily Average = 1.50/day

February 2020 Average = 1.14/day

2020 Overall Average = 1.58/day

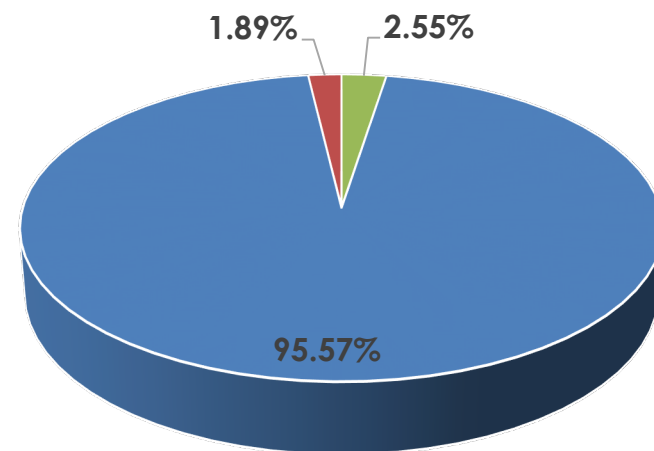
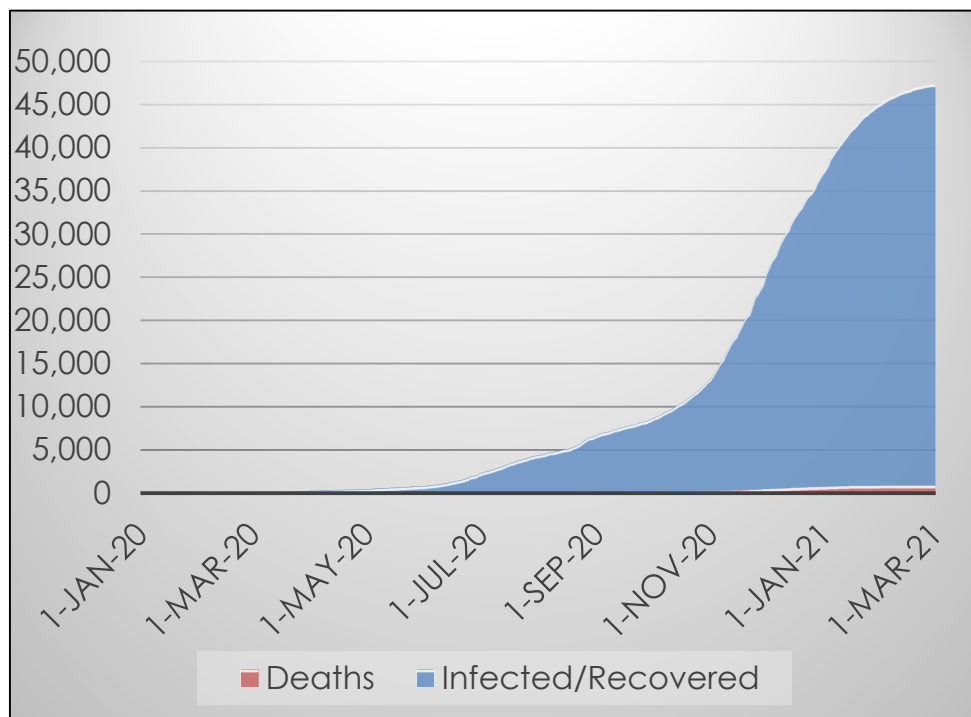


Dayton/Montgomery County (pop. 531,687)



Data at a Glance

Confirmed Cases:	47,254	
Case Incidence:	8.89%	
Presumed Recovered:	45,159	95.57%
Presumed Active:	1,203	2.55%
Presumed Active Prevalence:	0.23%	
Deaths:	892	1.89% (4 w/o Date of Death)
Highest Daily Growth:	684	11/30/2020
Highest Daily Death:	19	11/29/2020



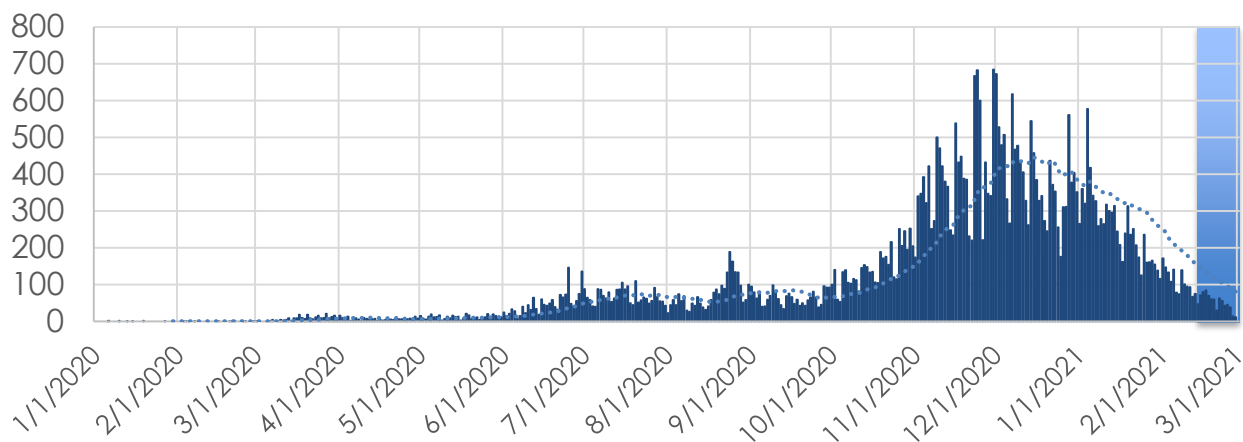
- Infected
- Presumed Recovered
- Deceased



Dayton/Montgomery County



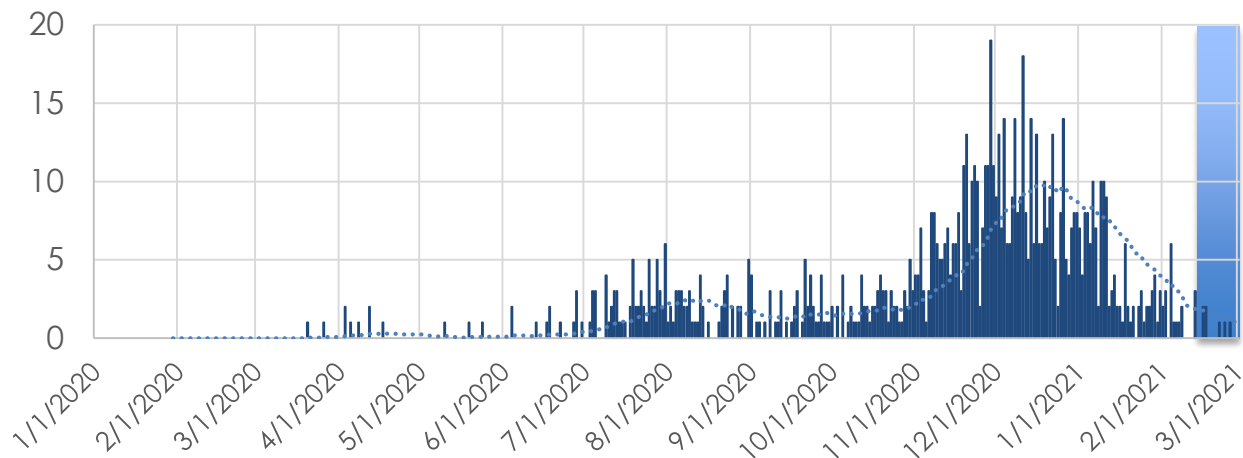
Daily Case Growth



Areas in blue represent preliminary data due to reporting lag and should not be considered final.

Daily Death Growth

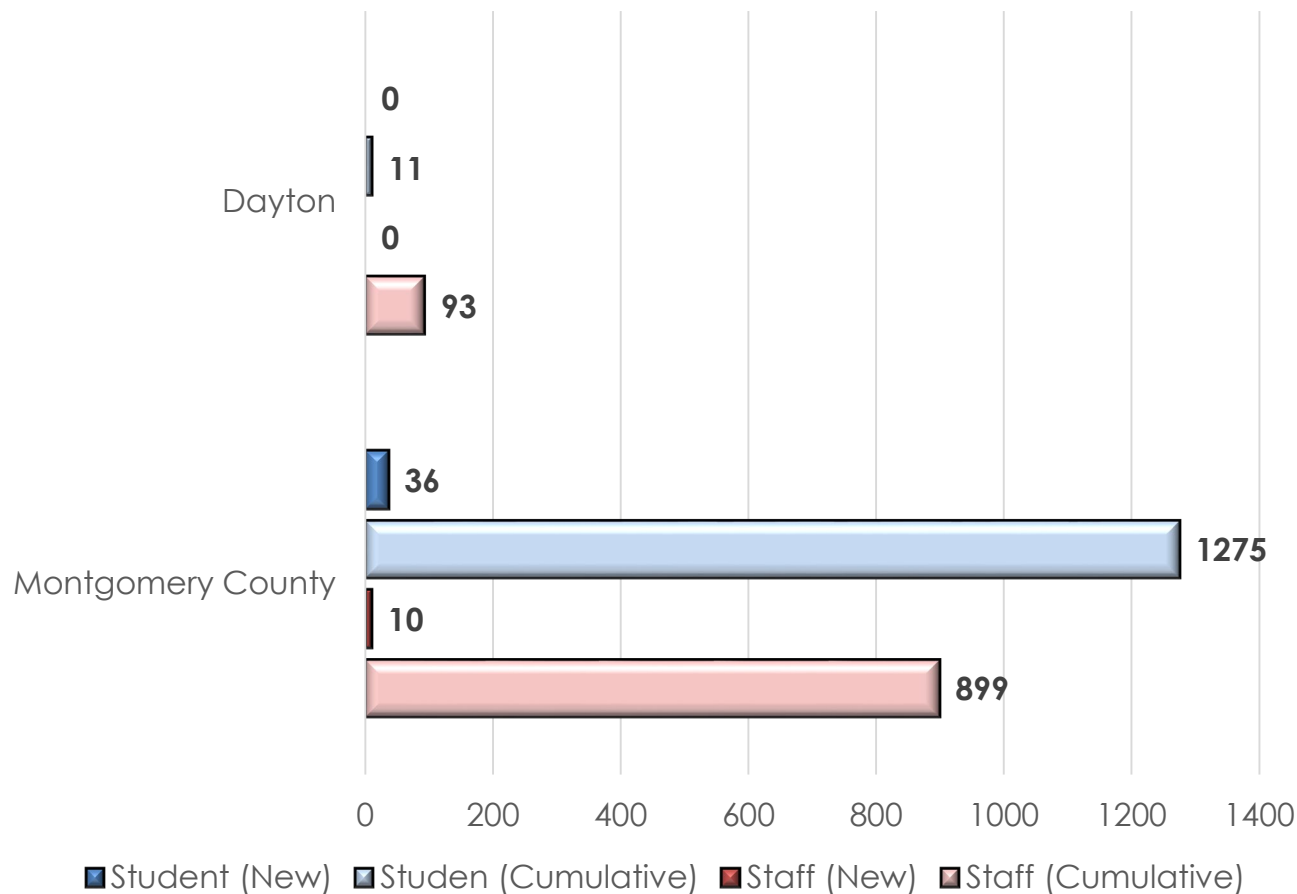
4 Deaths w/o Confirmed Date



Dayton/Montgomery County School Data



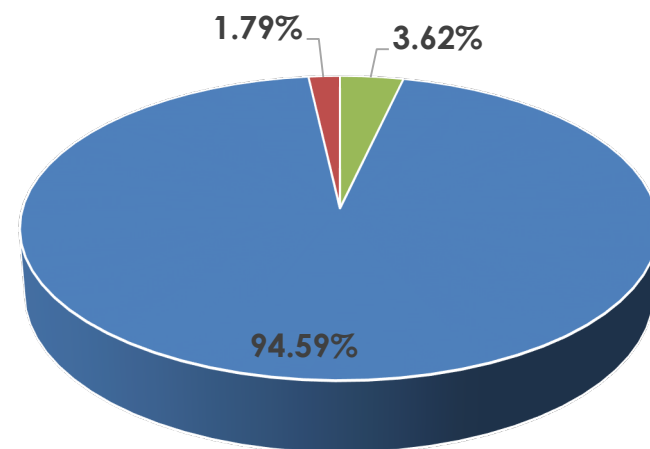
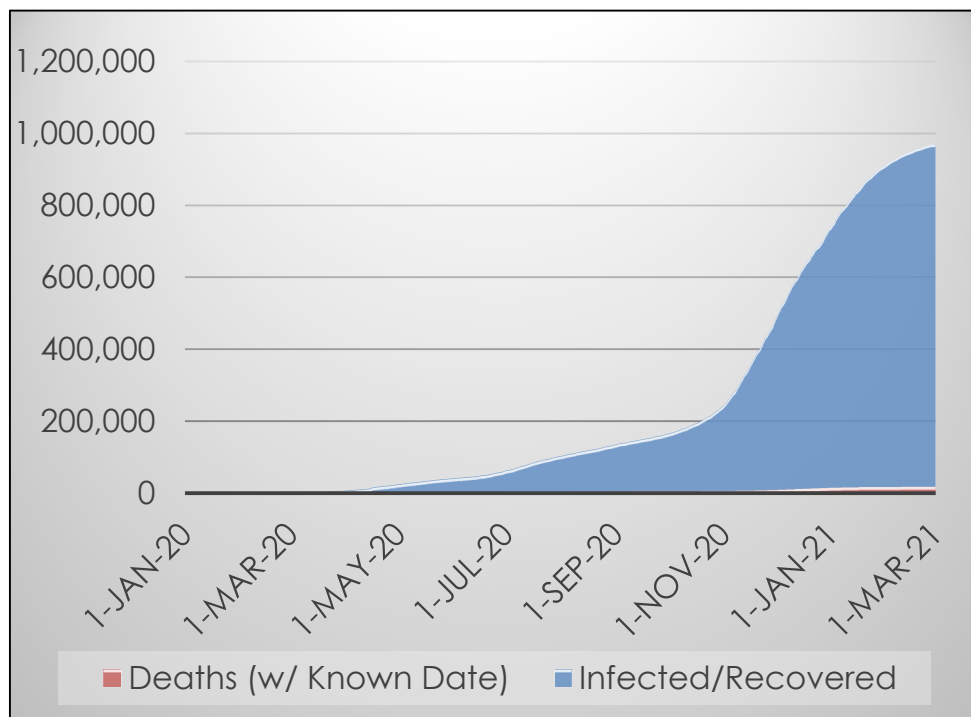
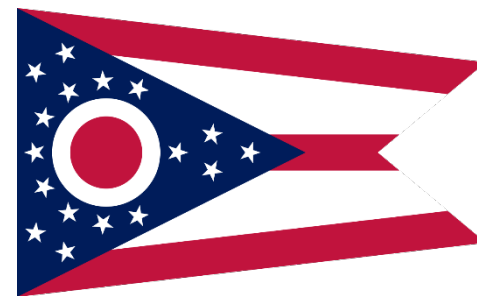
The State revised their numbers the week of 1/3/2021 dropping counts for the County from the previous week. No explanation given.



State of Ohio (pop. 11,689,100)

Data at a Glance

Confirmed Cases:	968,874	
Case Incidence:	8.29%	
Presumed Recovered:	916,501	94.59%
Presumed Active:	35,027	3.62%
Presumed Active Prevalence:	0.30%	
Deaths:	17,346	1.79% (70 w/o Date of Death)
Highest Daily Growth:	13,469	11/30/2020
Highest Daily Deaths:	209	12/16/2020

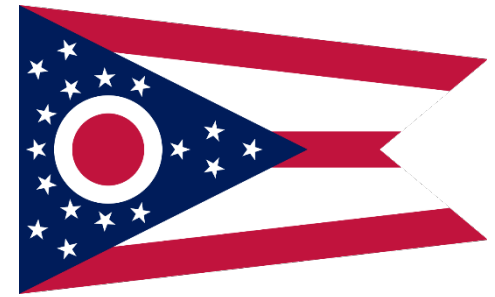
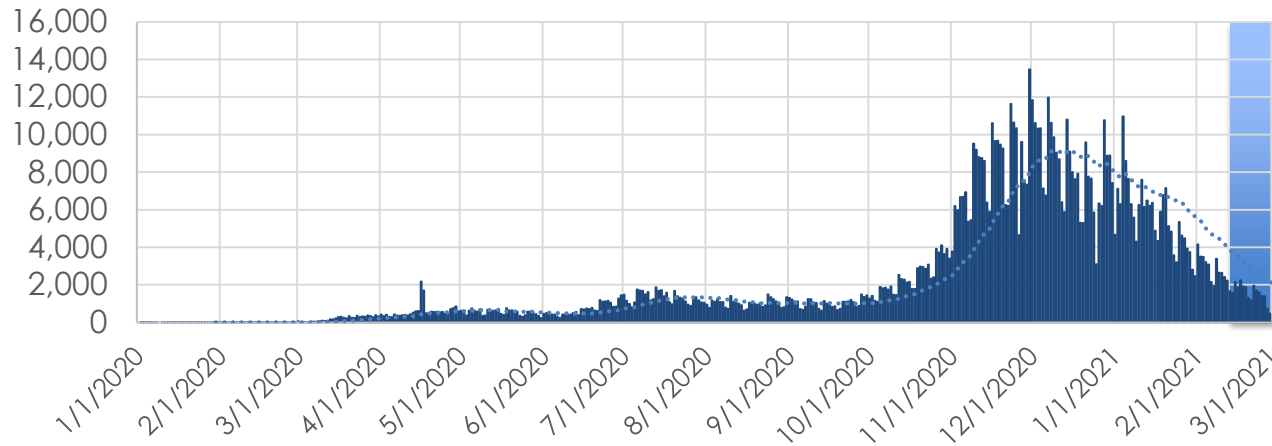


- Infected
- Presumed Recovered
- Deceased



State of Ohio

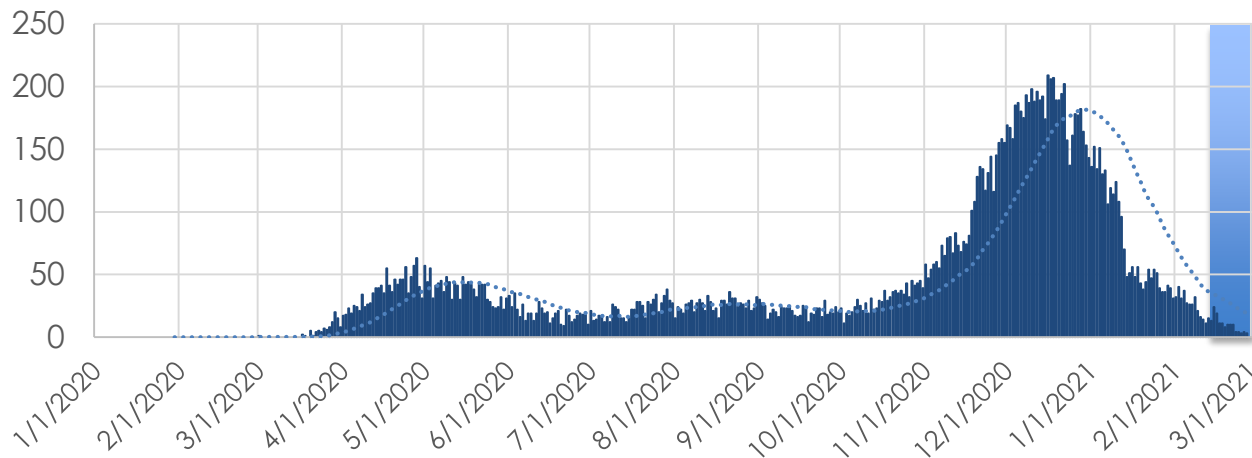
Daily Case Growth



4/16 and 4/17 saw a large increase in cases. This increase was mainly concentrated in correctional facilities in Pickaway and Marion Counties.

Daily Death Growth

70 Deaths w/o Confirmed Date



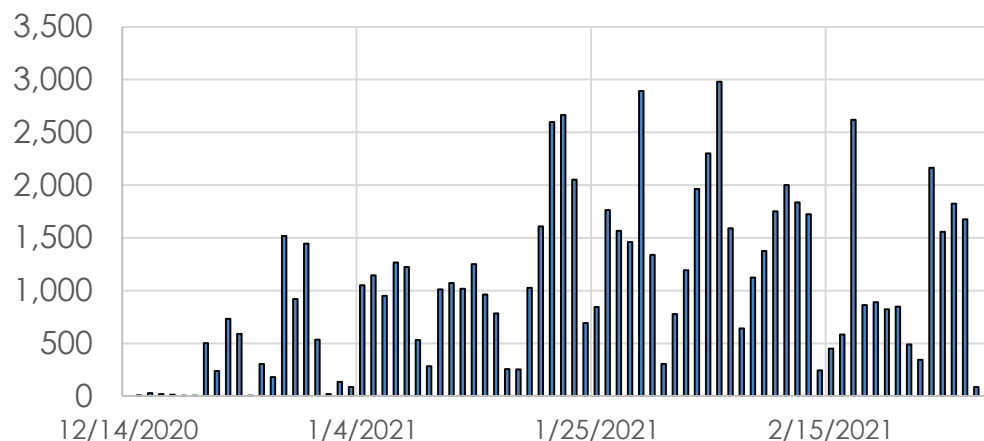
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Ohio Vaccination Progress



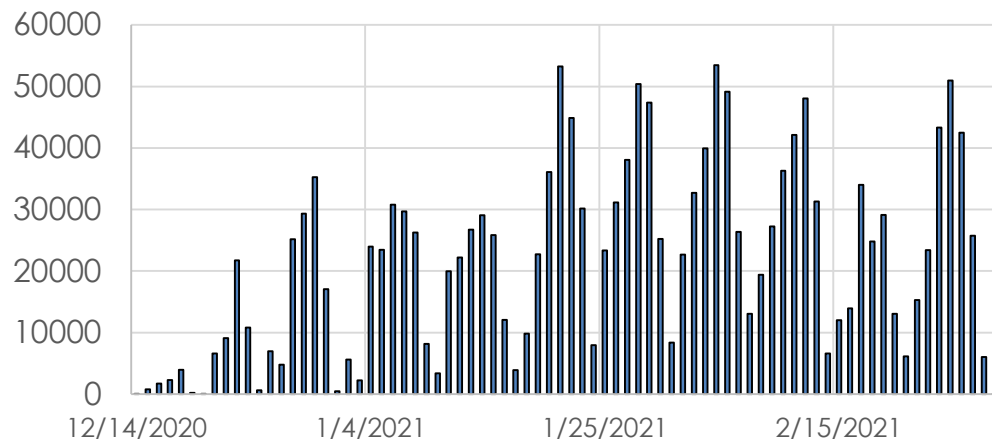
Dayton/Montgomery County



Dayton/Montgomery County (531,687)

Vaccines Started	77,884
Vaccines Completed	44,430
Started Percentage	14.65%
Completed Percentage	8.36%

State of Ohio

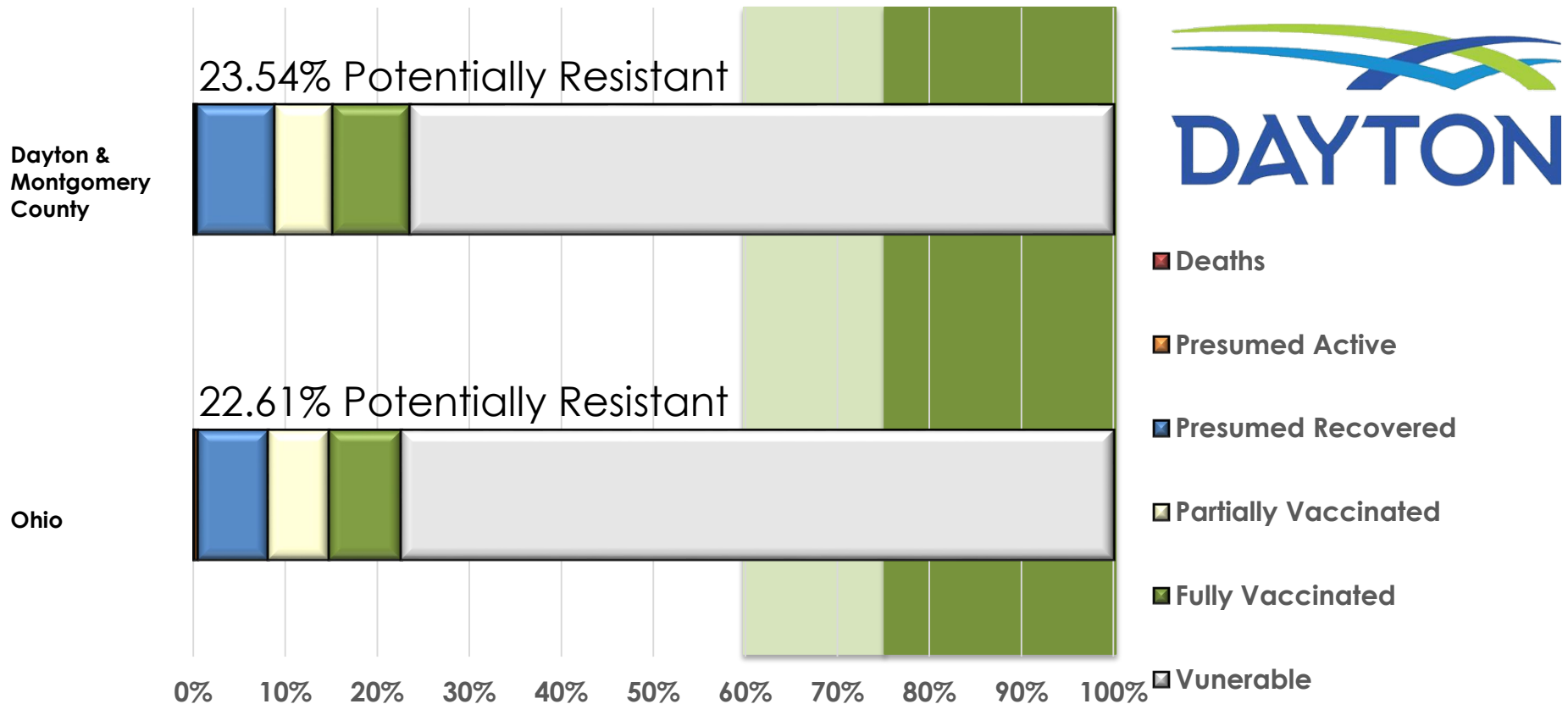


State of Ohio (11,689,100)

Vaccines Started	1,687,834
Vaccines Completed	912,354
Started Percentage	14.44%
Completed Percentage	7.81%



Ohio Herd Immunity Potentials



Estimates of the R_0 for COVID-19 range from 2.5 to 4.0, thus herd immunity could require between 60% and 75% of the target population either having been infected or vaccinated to contain spread.

NOTE: This is only an estimate and does not preclude duplicate reporting of people. For example, if a person had been reported to have COVID-19 previously, but has also now been given the vaccine, they will have been counted twice.

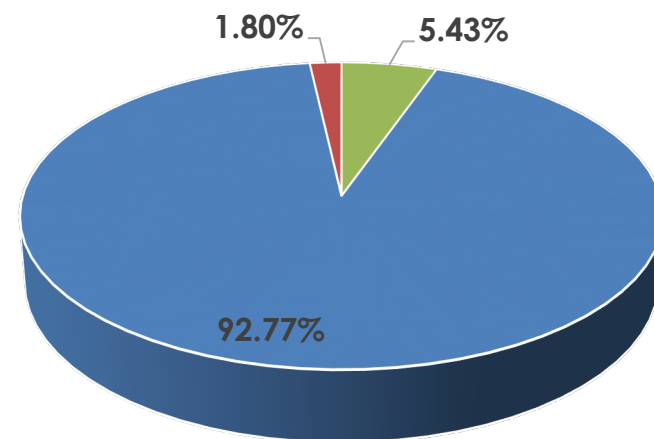
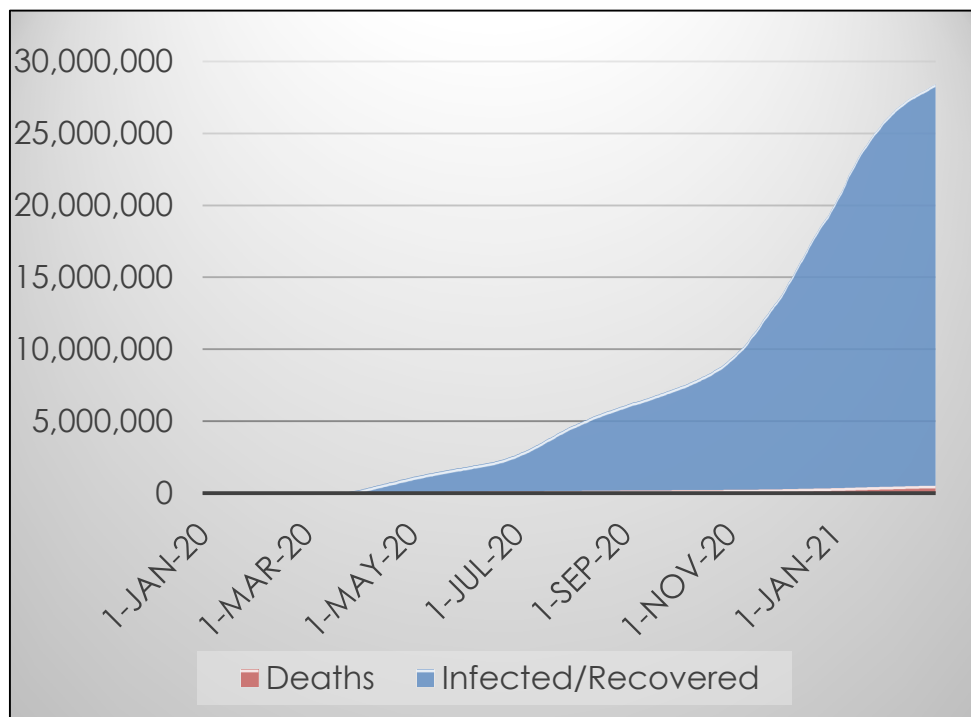
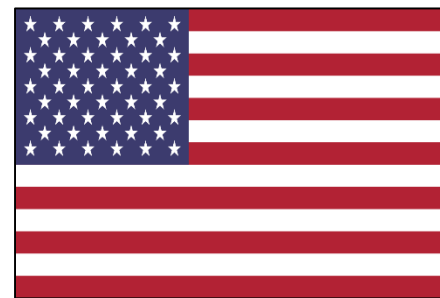


The United States (pop. 328,239,523)

Data at a Glance

Confirmed Cases:	28,405,925	
Case Incidence:	8.65%	
Presumed Recovered:	26,351,224	92.77%
Presumed Active:	1,542,862	5.43%
Presumed Active Prevalence:	0.47%	
Deaths:	511,839	1.80%
Highest Daily Growth:	315,179	1/8/2021
Highest Daily Deaths:	5,498*	2/12/2021

* Does not include 4/15 as reporting criteria changed that day and previously uncounted deaths were tallied



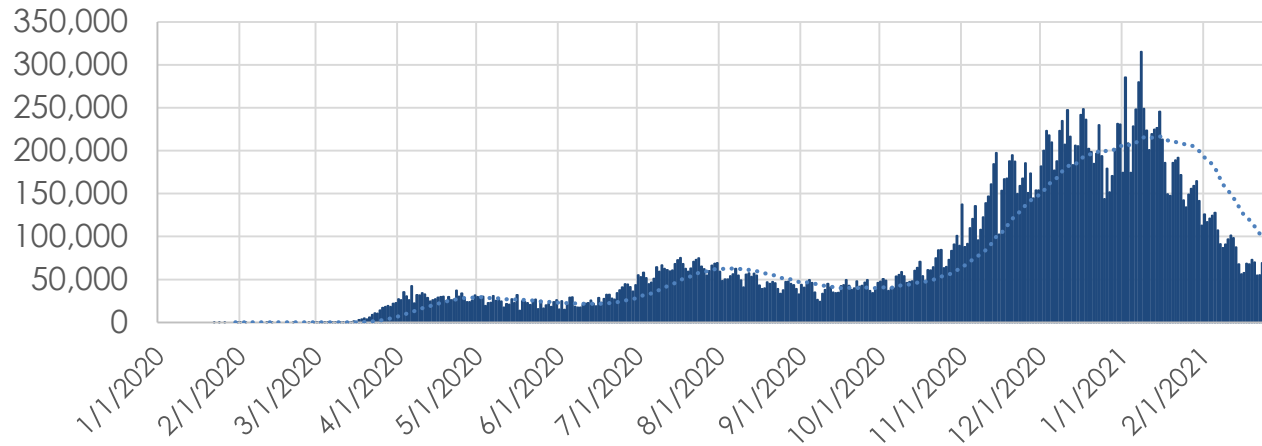
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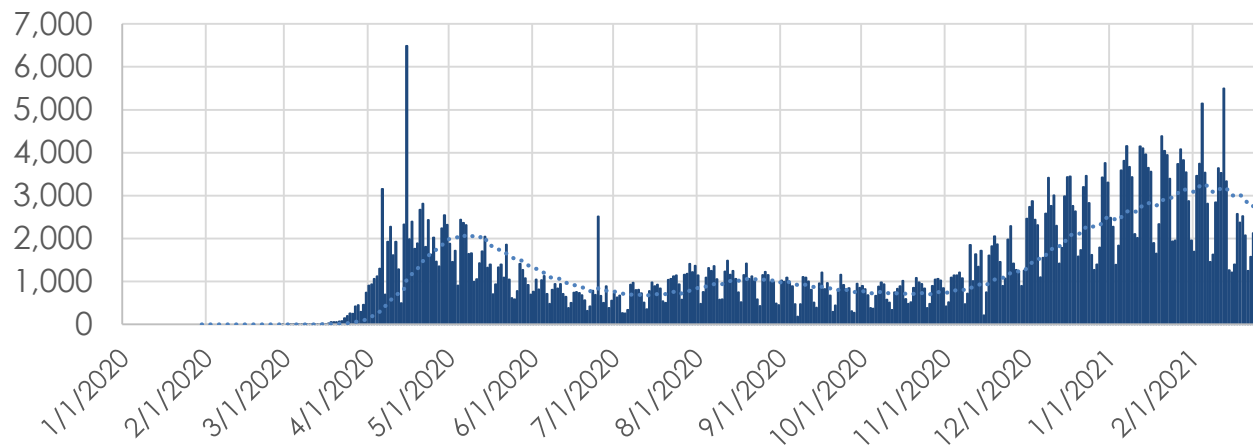
The United States



Daily Case Growth



Daily Death Growth



On 4/15 the CDC started tracking "suspected" deaths in their statistics thus causing the spike in reported fatalities.

Spikes on 4/6, & 6/26 appear to be data catching up, no mention of cause of increase could be found.

