



DAYTON



DAYTON FIRE DEPARTMENT

COVID-19

Weekly Operational Update

Numbers Thru

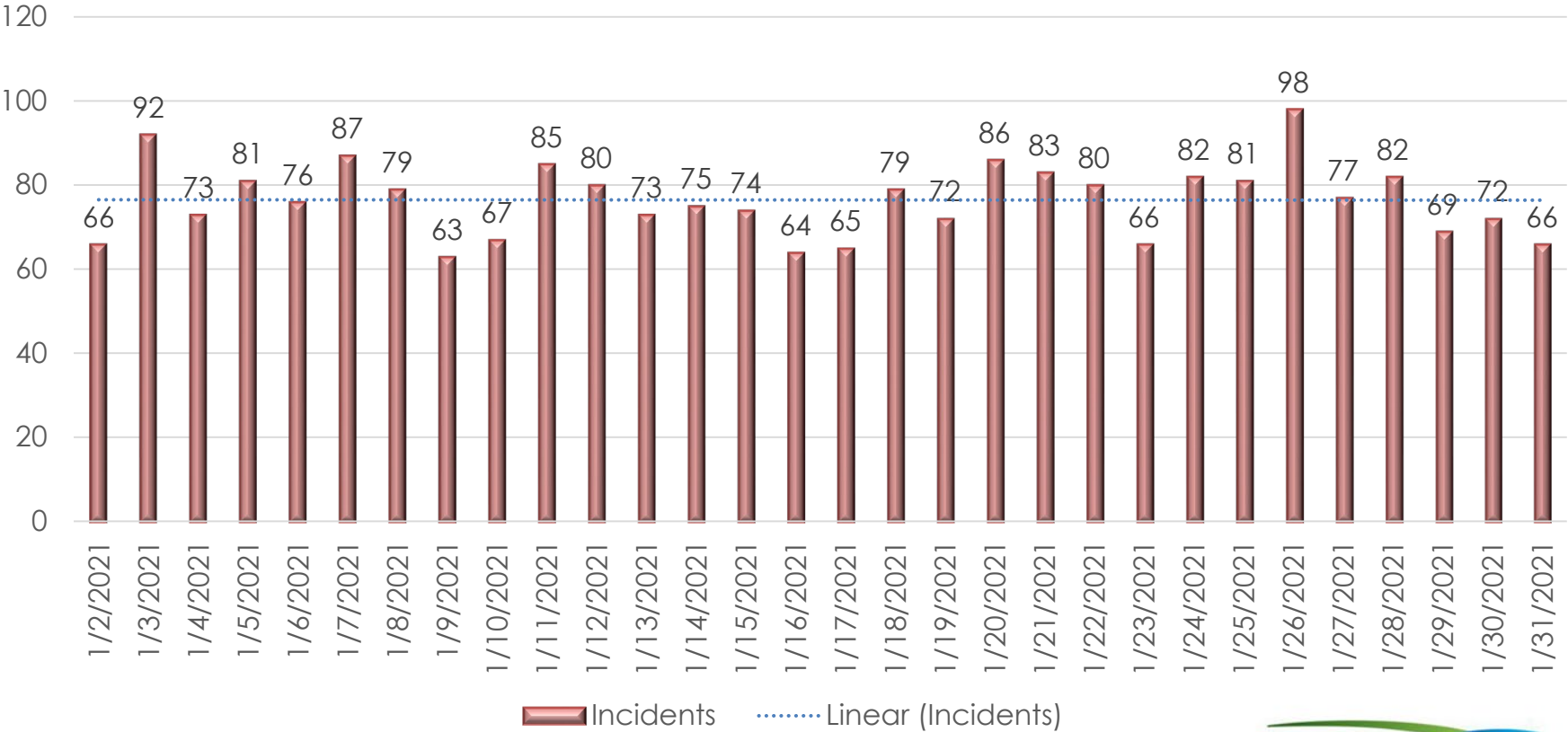
31-January-2021



Daily EMS Unit Utilization – Last 30 Days

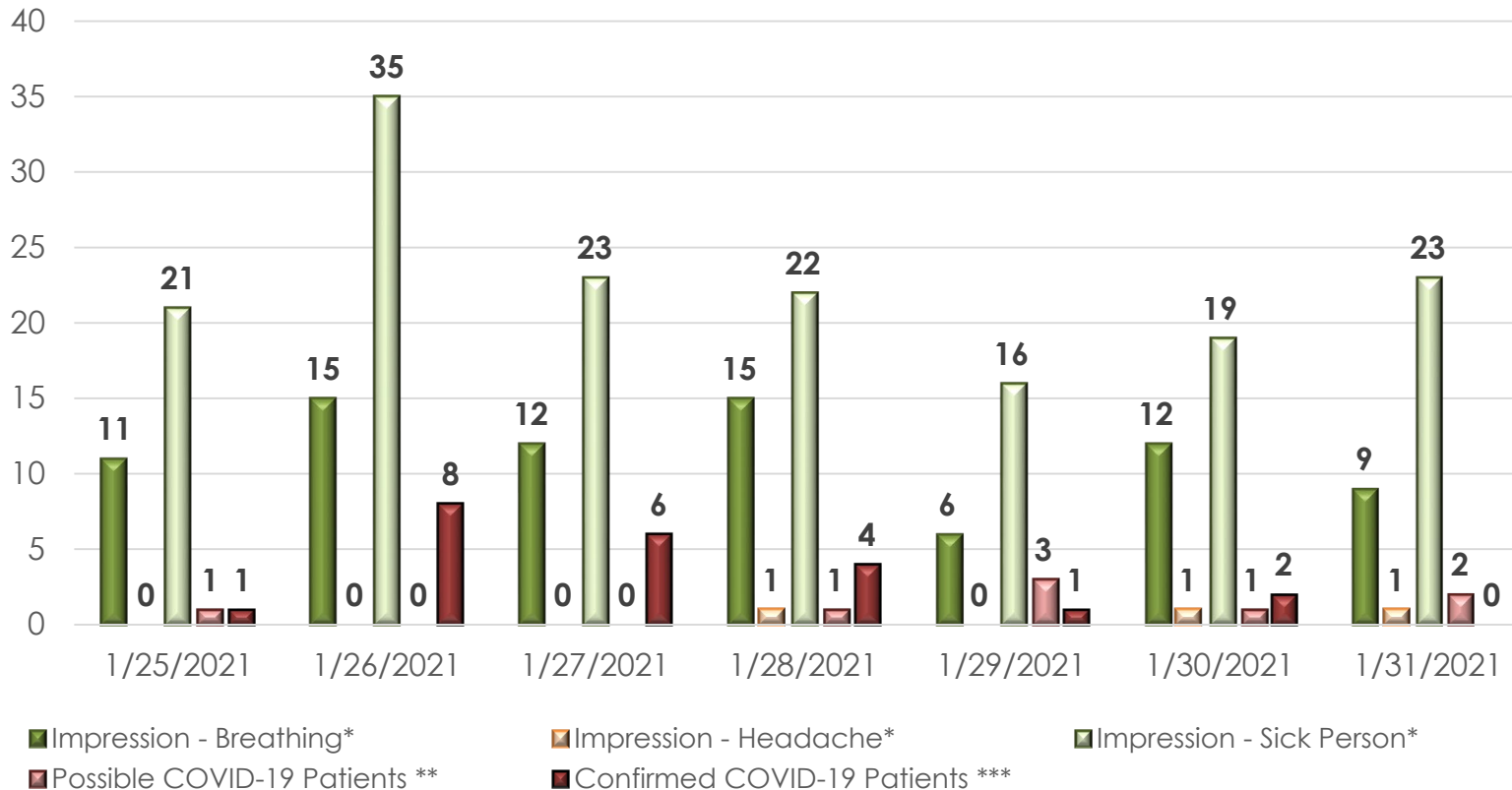
30-Day Average: 76.43 (EMS Only)

January 2020 Average: 79.35



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)**

22 **

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

571

* By primary or secondary impression

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

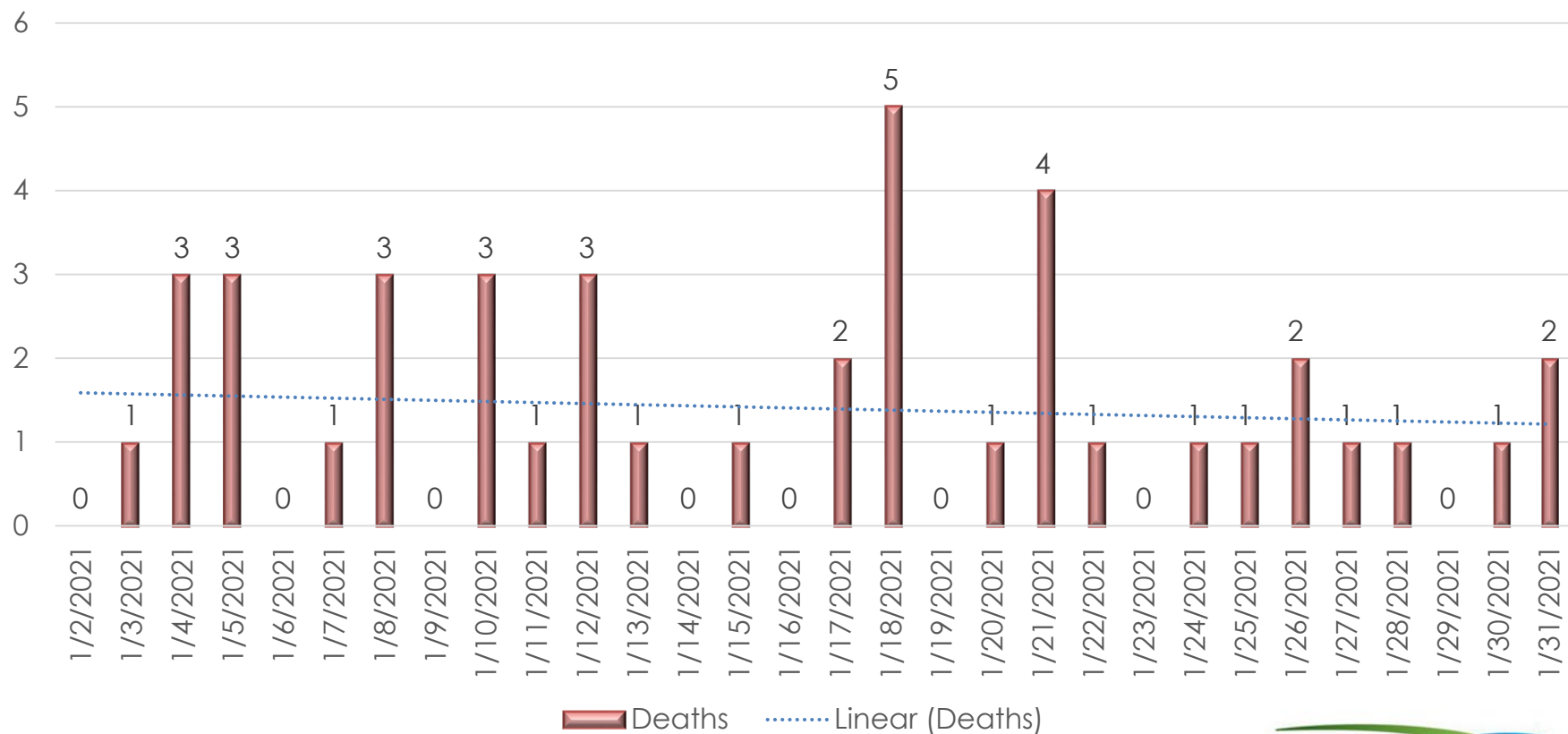
*** Confirmed patient contacts as of the date of this report as reported by Montgomery County Public Health or a receiving facility

Non-Transported Dead On Scene

30-Day, Daily Average = 1.40/day

January 2020 Average = 1.29/day

2020 Overall Average = 1.58/day

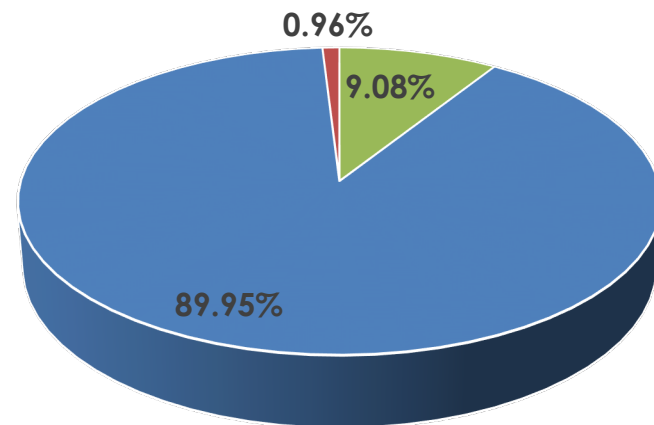
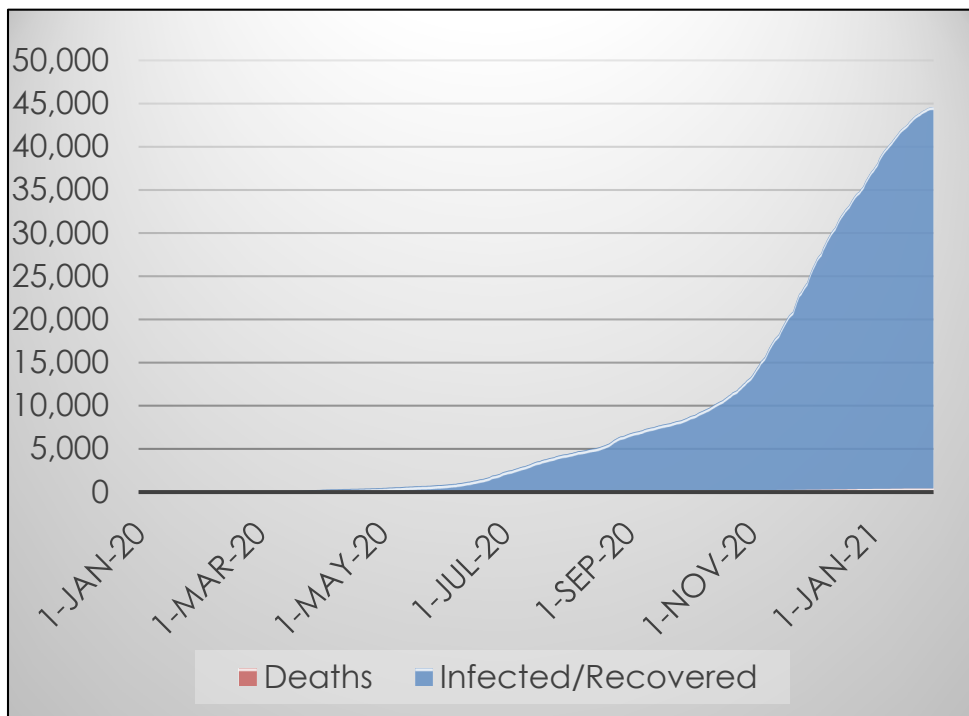


Dayton/Montgomery County (pop. 531,687)



Data at a Glance

Confirmed Cases:	44,586	
Case Incidence:	8.39%	
Presumed Recovered:	40,107	89.95%
Presumed Active:	4,049	9.08%
Presumed Active Prevalence:	0.76%	
Deaths:	430	0.96% (6 w/o Date of Death)
Highest Daily Growth:	707	11/24/2020
Highest Daily Death:	7	11/30/2020



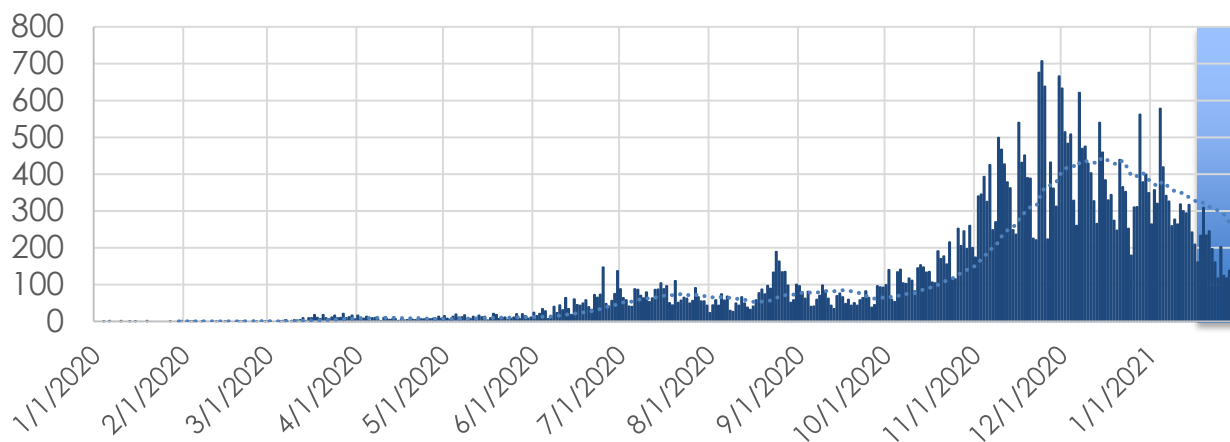
- Infected
- Presumed Recovered
- Deceased



Dayton/Montgomery County



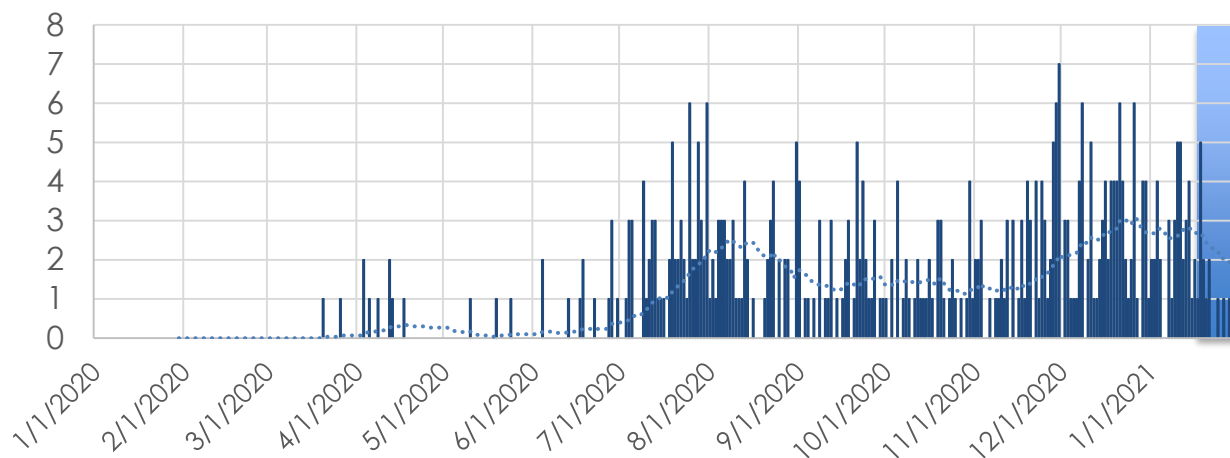
Daily Case Growth



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

Daily Death Growth

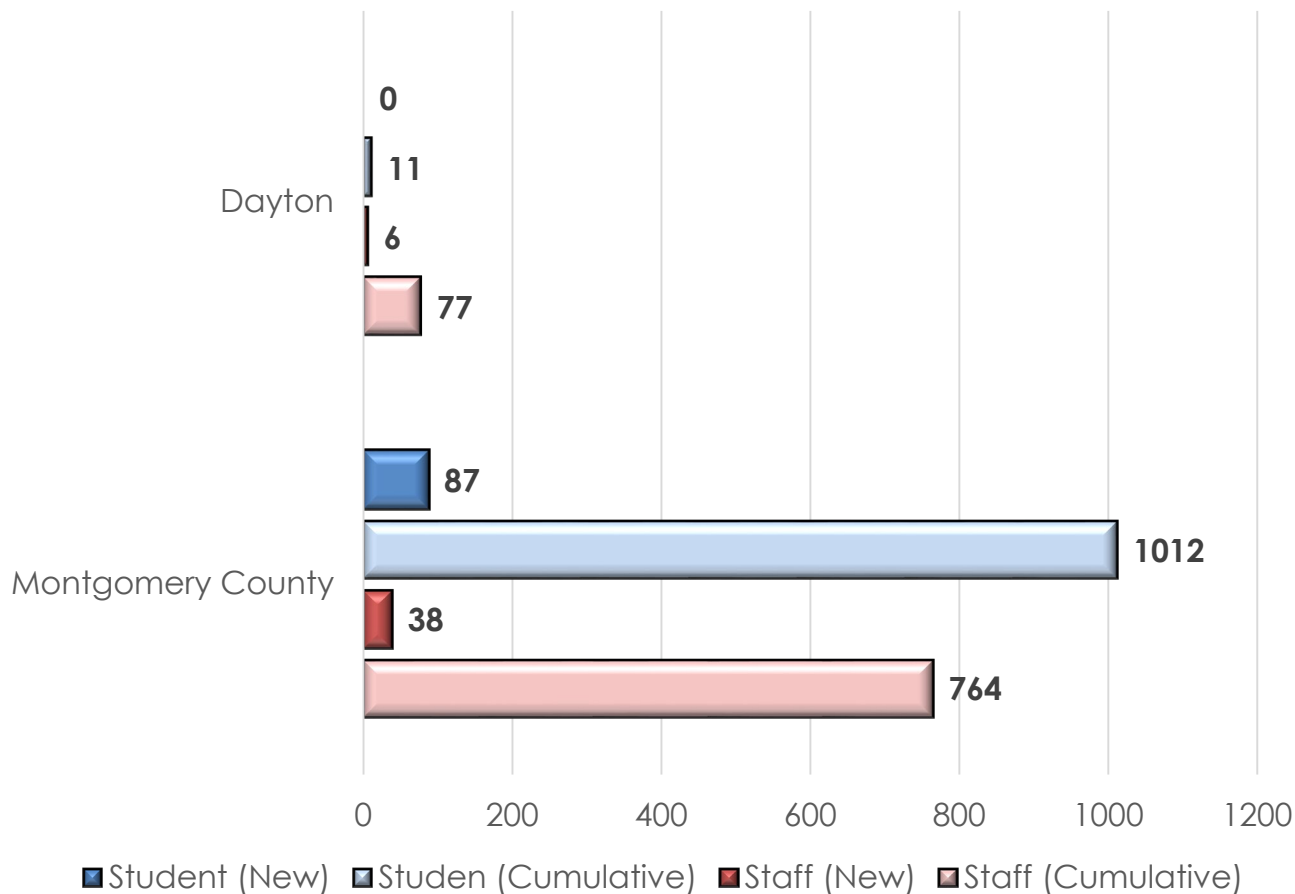
6 Deaths w/o Confirmed Date



Dayton/Montgomery County School Data

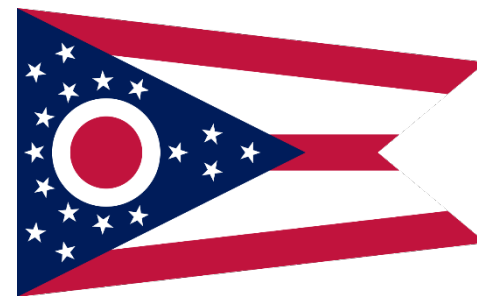


The State revised their numbers the week of 1/3/2021 dropping counts for the County from the previous week. No explanation given.

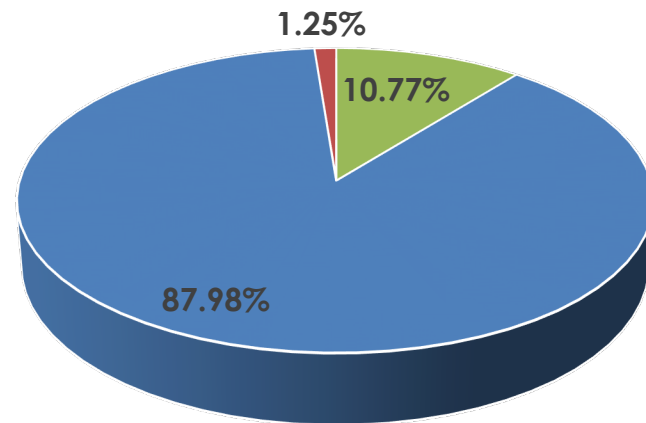
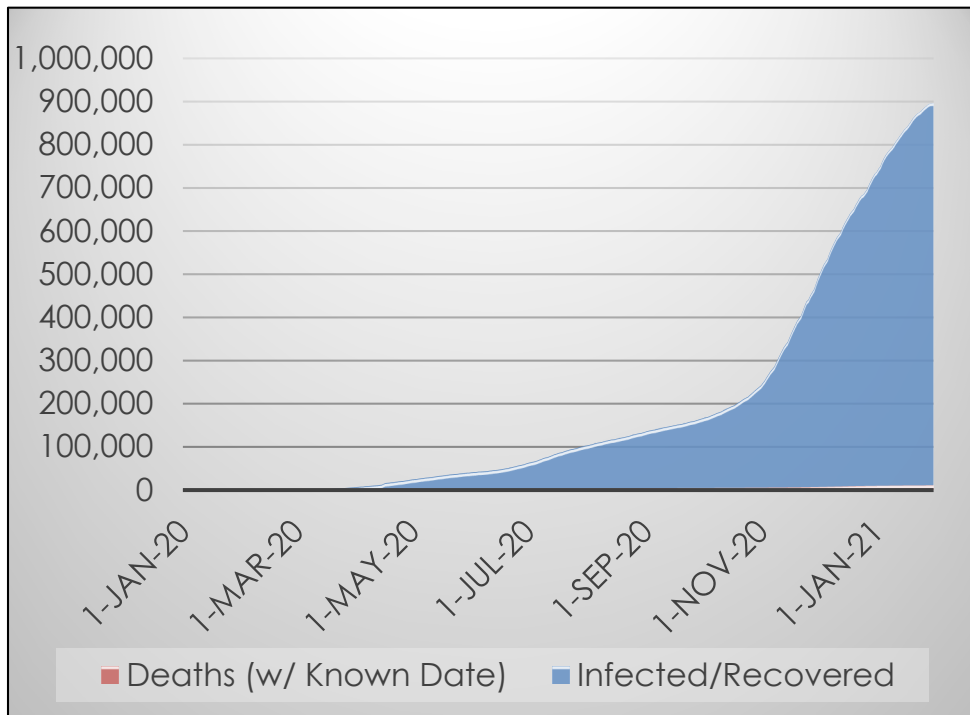


State of Ohio (pop. 11,689,100)

Data at a Glance



Confirmed Cases:	895,792	
Case Incidence:	7.66%	
Presumed Recovered:	788,101	87.98%
Presumed Active:	96,516	10.77%
Presumed Active Prevalence:	0.83%	
Deaths:	11,175	1.25% (65 w/o Date of Death)
Highest Daily Growth:	13,395	11/30/2020
Highest Daily Deaths:	106	12/16/2020

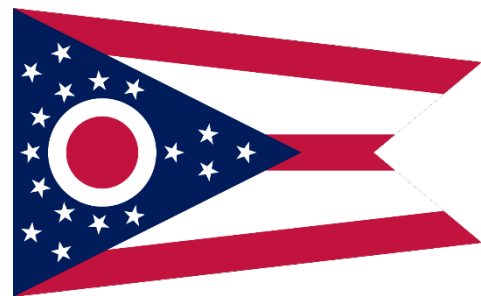
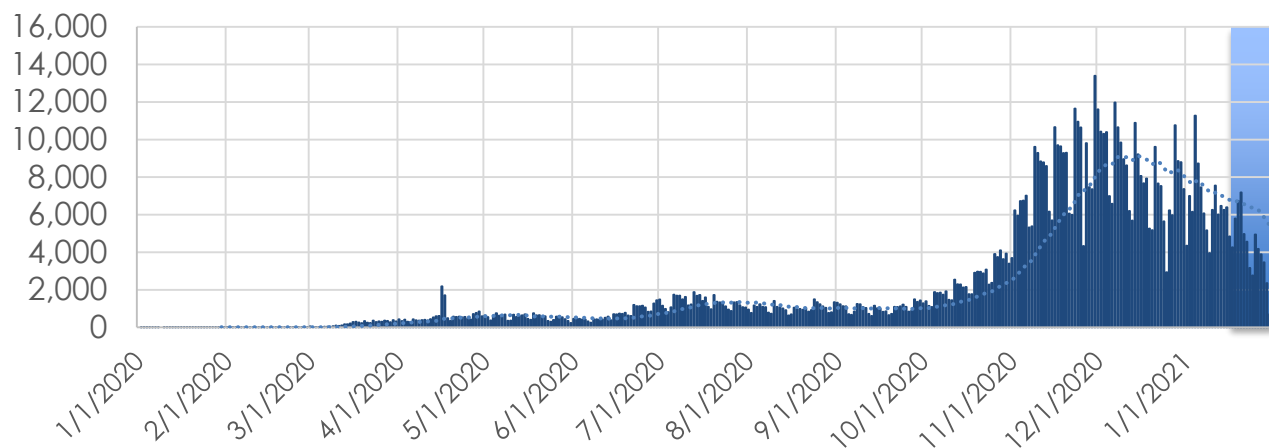


- Infected
- Presumed Recovered
- Deceased



State of Ohio

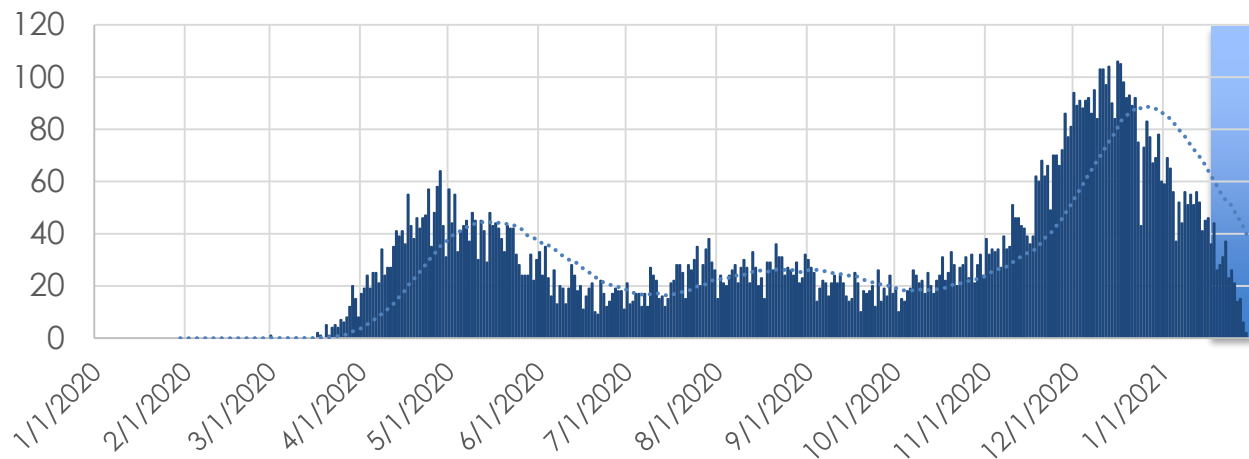
Daily Case Growth



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

65 Deaths w/o Confirmed Date



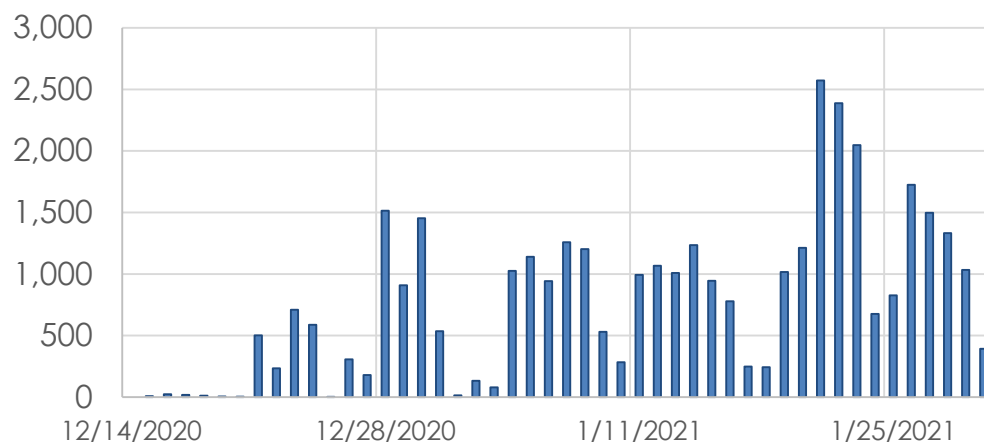
Areas in blue represent preliminary data due to reporting lag and should not be considered final.



Ohio Vaccination Progress



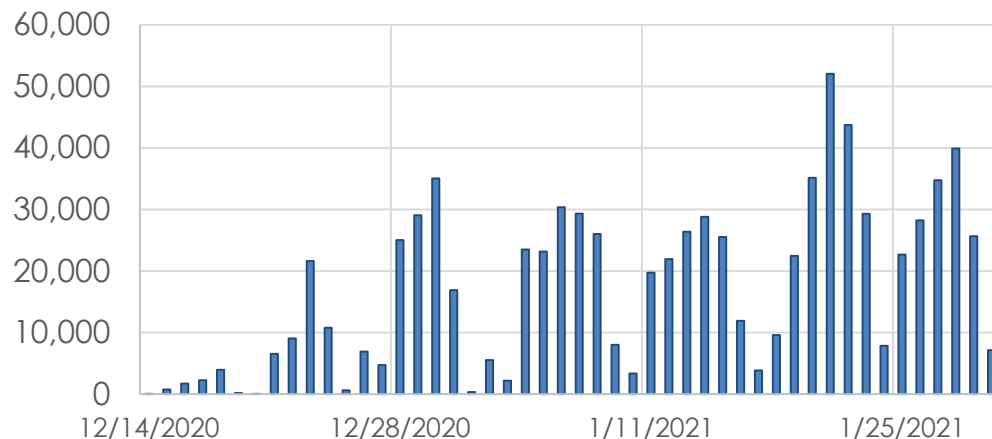
Dayton/Montgomery County



Dayton/Montgomery County (531,687)

Vaccines Started	36,848
Vaccines Completed	0
Started Percentage	6.93%
Completed Percentage	0.00%

State of Ohio

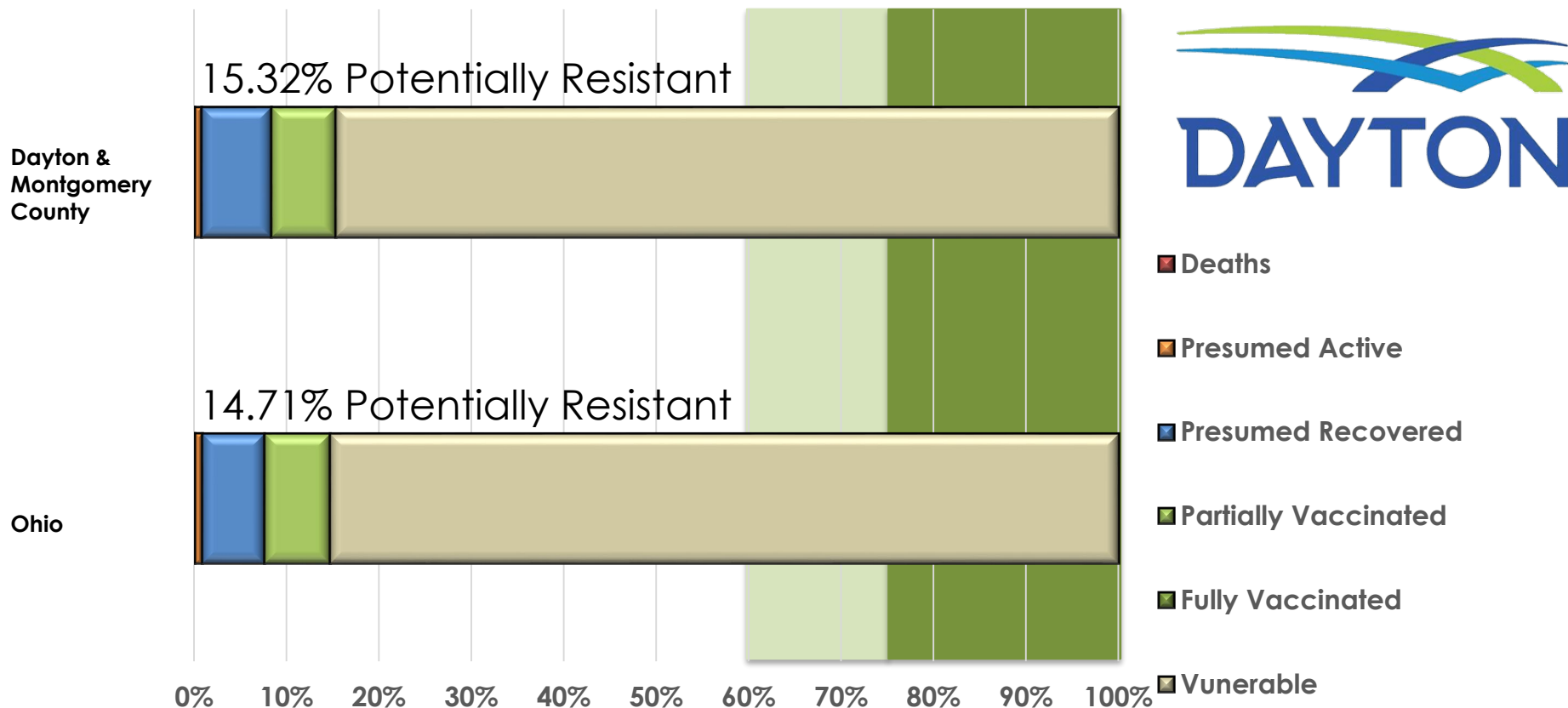


State of Ohio (11,689,100)

Vaccines Started	823,839
Vaccines Completed	0
Started Percentage	7.05%
Completed Percentage	0.00%



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.

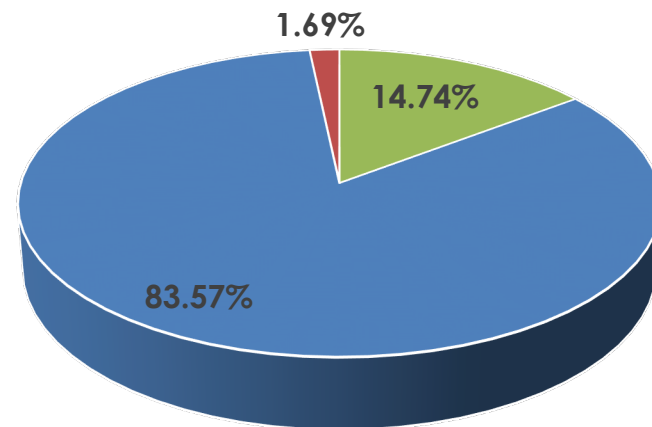
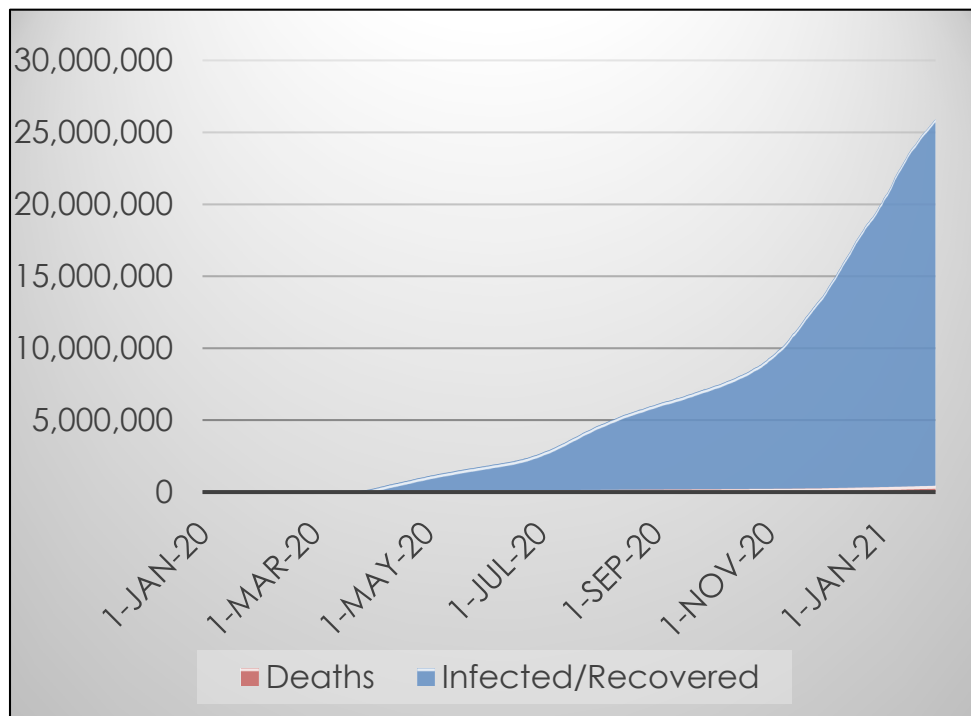
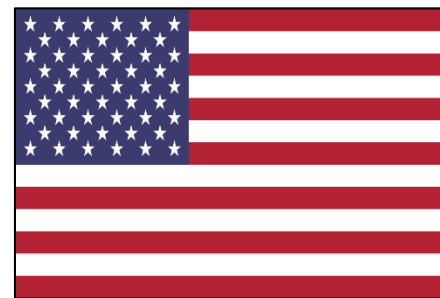


The United States (pop. 328,239,523)

Data at a Glance

Confirmed Cases:	25,921,703	
Case Incidence:	7.90%	
Presumed Recovered:	21,664,034	83.57%
Presumed Active:	3,819,634	14.74%
Presumed Active Prevalence:	1.16%	
Deaths:	438,035	1.69%
Highest Daily Growth:	314,093	1/8/2021
Highest Daily Deaths:	4,383*	1/20/2021

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



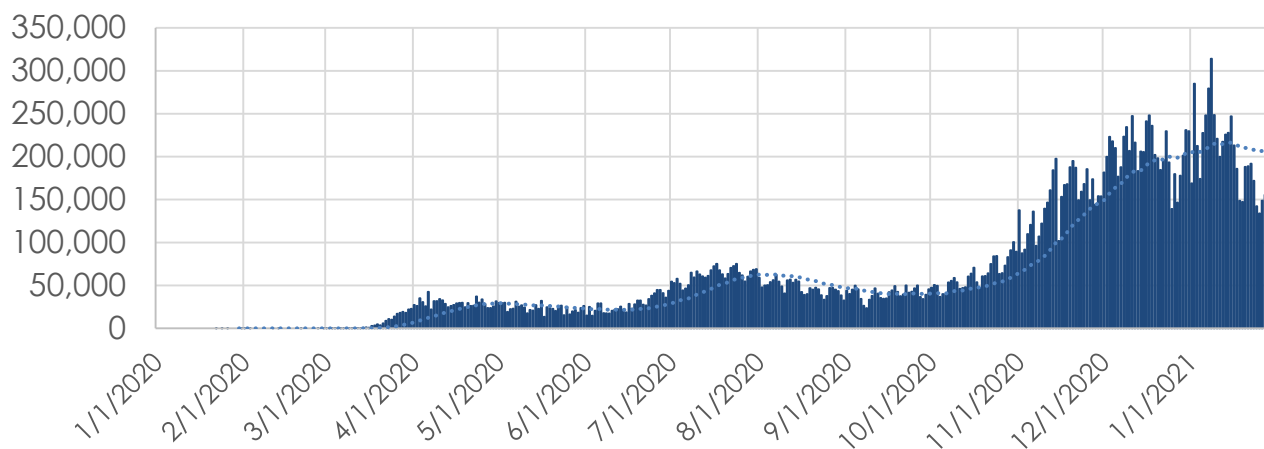
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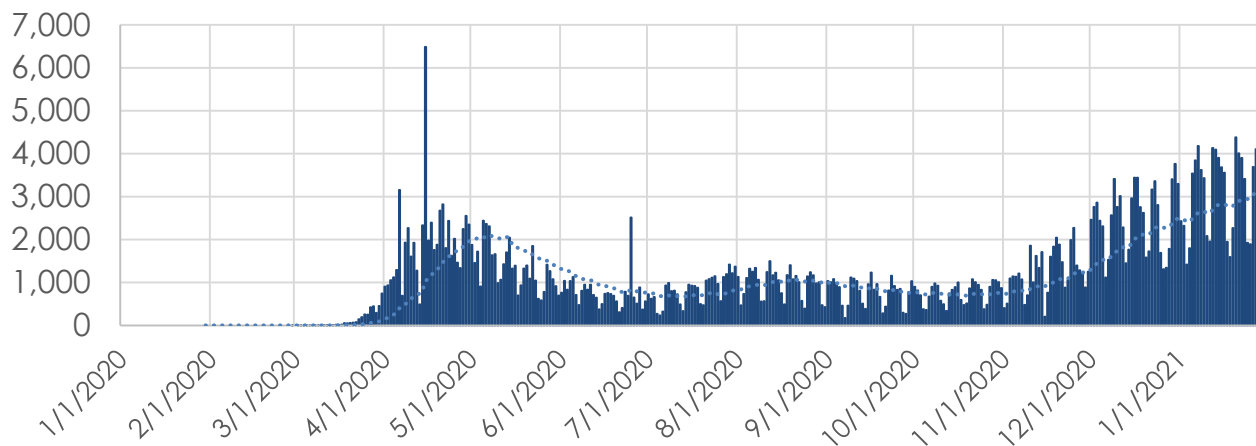
The United States



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.

