DAYTON

DAYTON FIRE DEPARTMENT

COVID-19

Weekly Operational Update

Numbers Thru

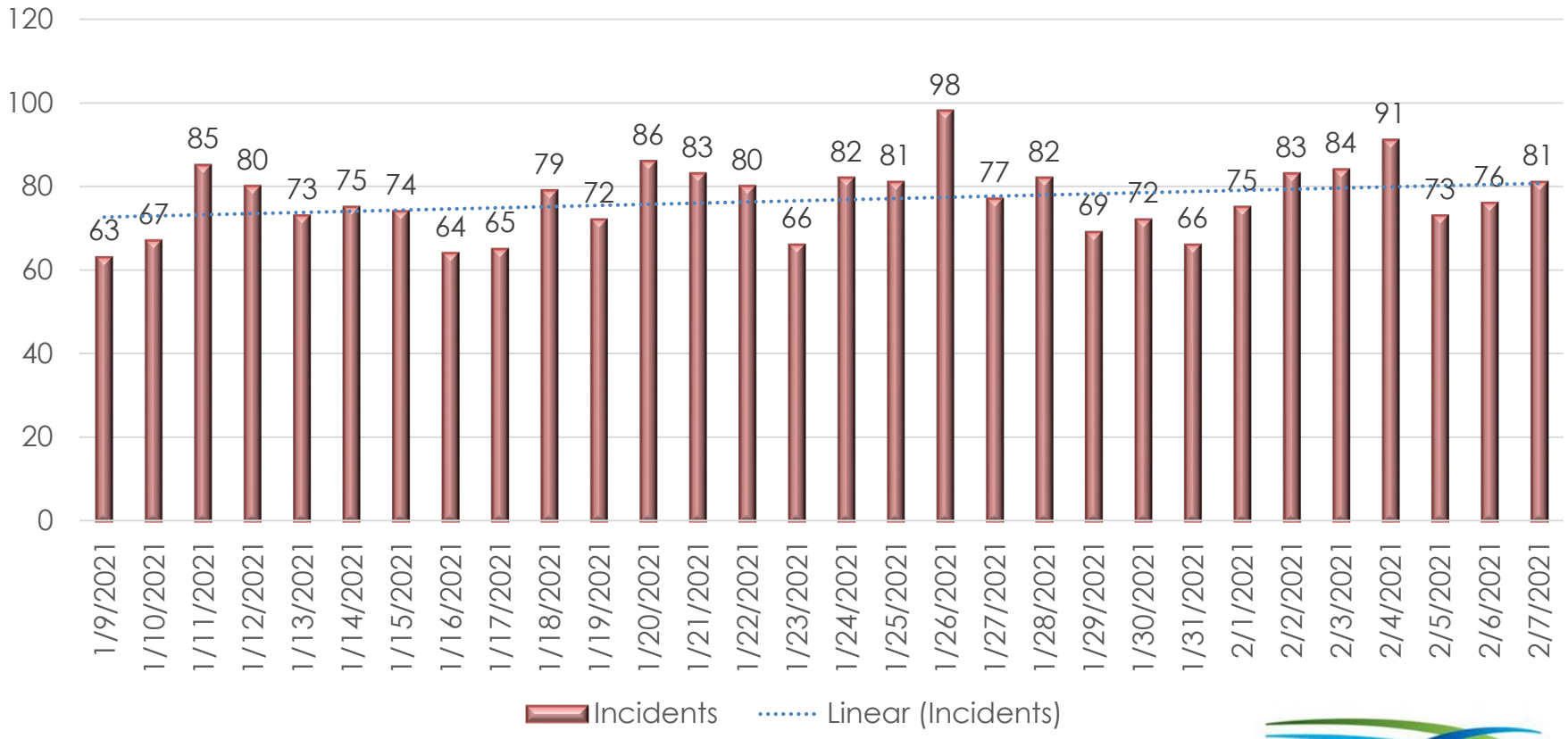
7-February-2021

Updated: 7-Feb

Daily EMS Unit Utilization – Last 30 Days

30-Day Average = 76.73 (EMS Only)

January 2020 Average = 79.35
2020 Overall Average = 79.39



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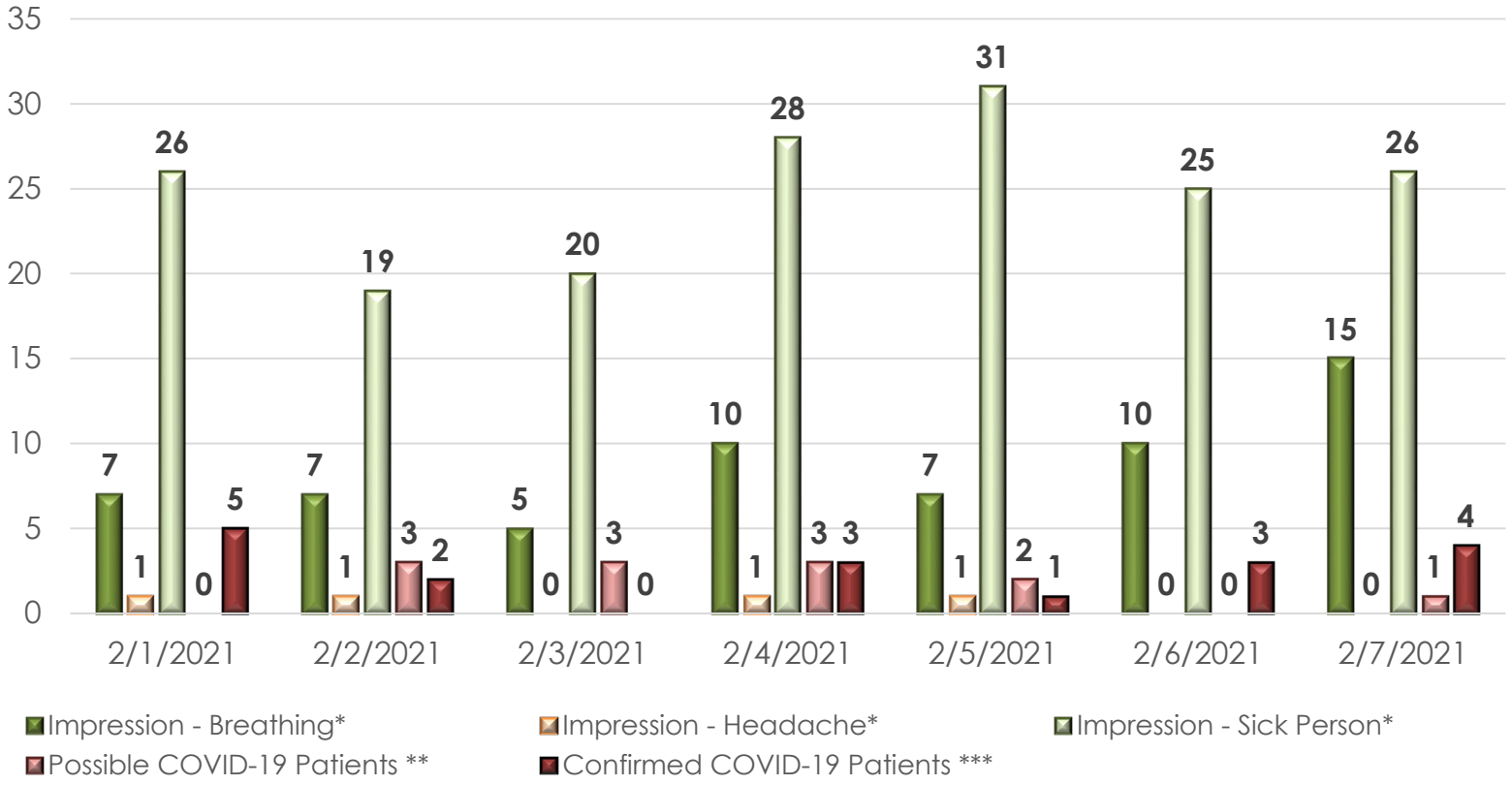
Updated: 7-Feb

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)

18 **

CUMULATIVE (Since 1/1/20)

595

* 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

DAYTON

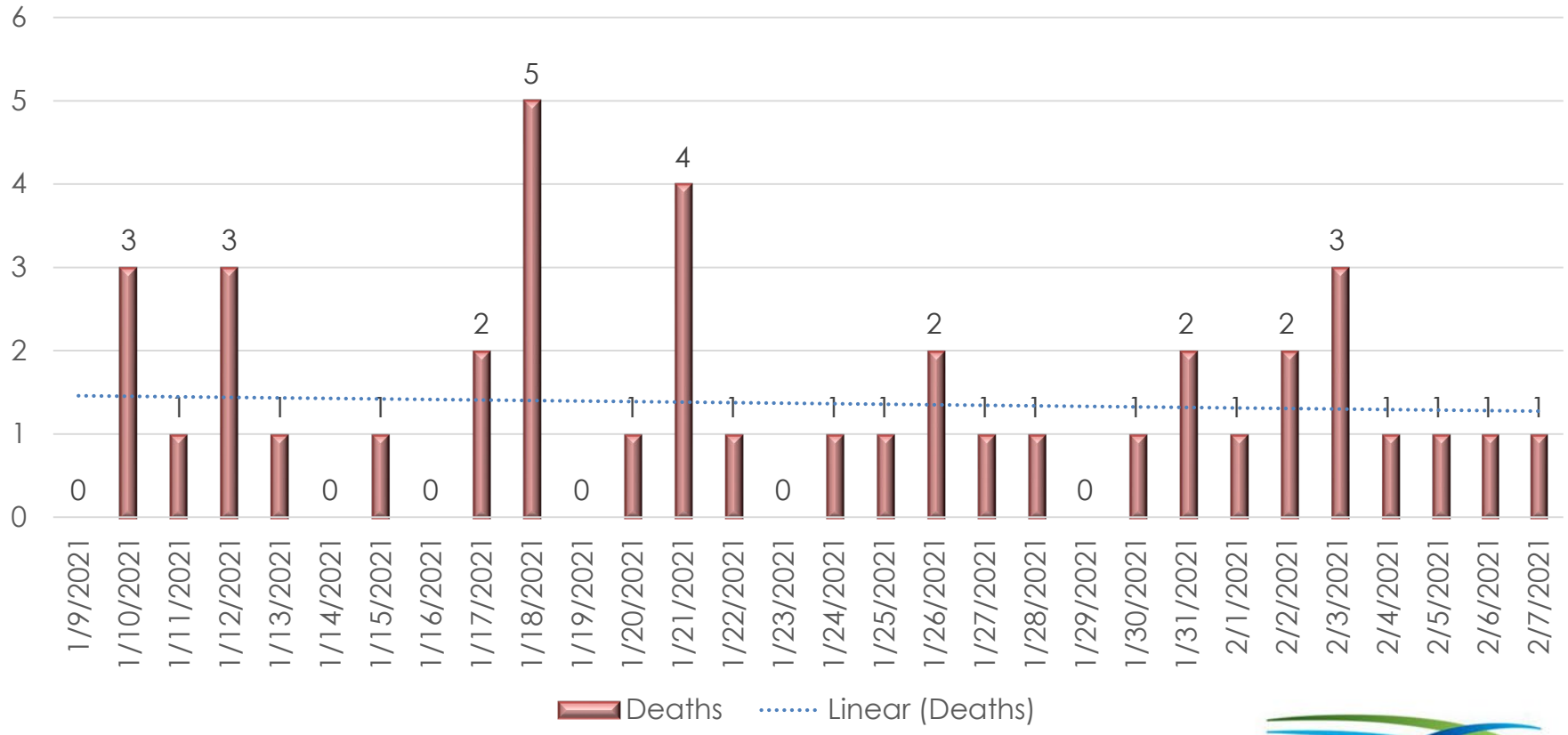
Updated: 7-Feb

Non-Transported Dead On Scene

30-Day, Daily Average = 1.37/day

January 2020 Average = 1.29/day

2020 Overall Average = 1.58/day



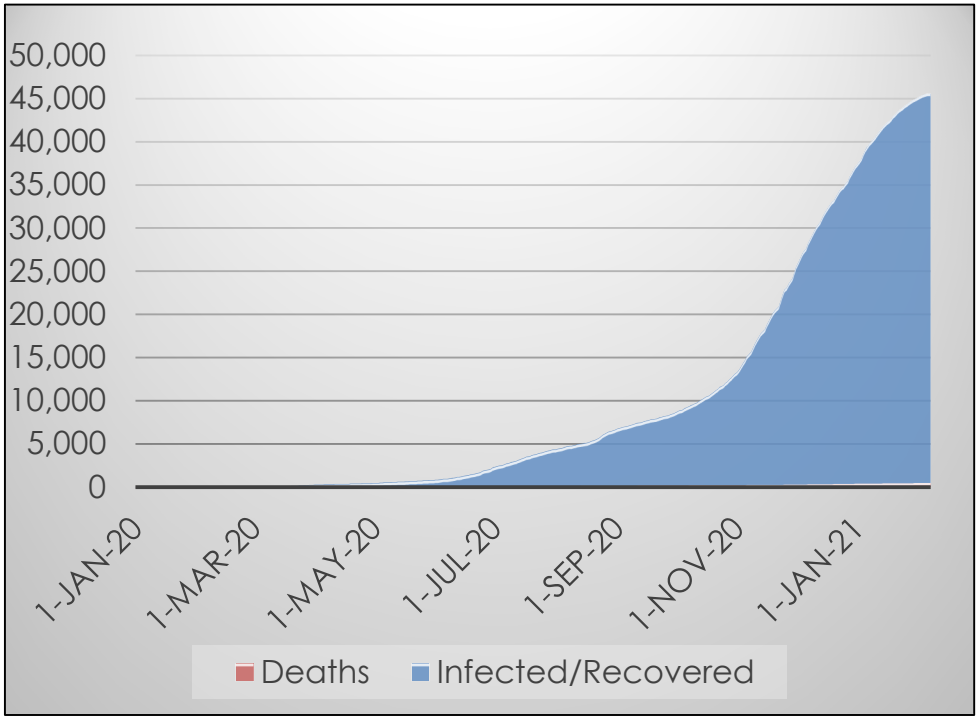
DAYTON

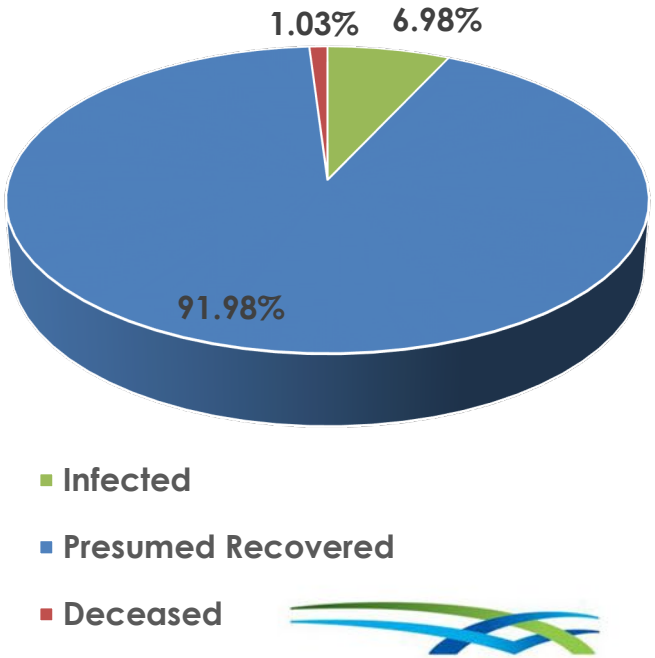
Updated: 7-Feb

Dayton/Montgomery County (pop. 531,687)

Data at a Glance

Confirmed Cases:	45,551	
Case Incidence:	8.57%	
Presumed Recovered:	41,900	91.98%
Presumed Active:	3,181	6.98%
Presumed Active Prevalence:	0.60%	
Deaths:	470	1.03% (6 w/o Date of Death)
Highest Daily Growth:	696	11/30/2020
Highest Daily Death:	7	11/29/2020, 11/30/2020, & 12/26/2020

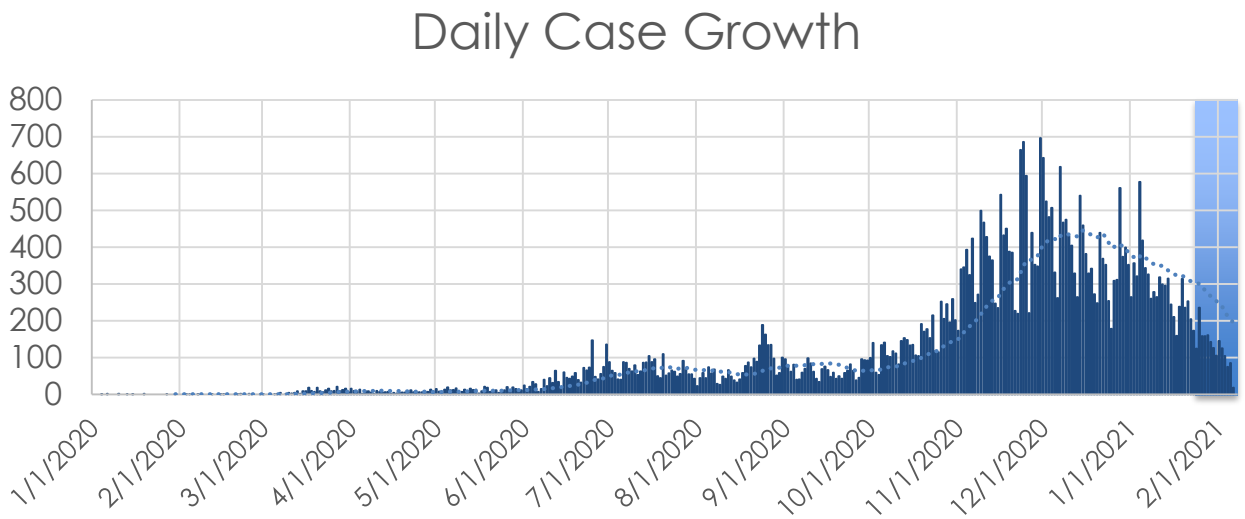




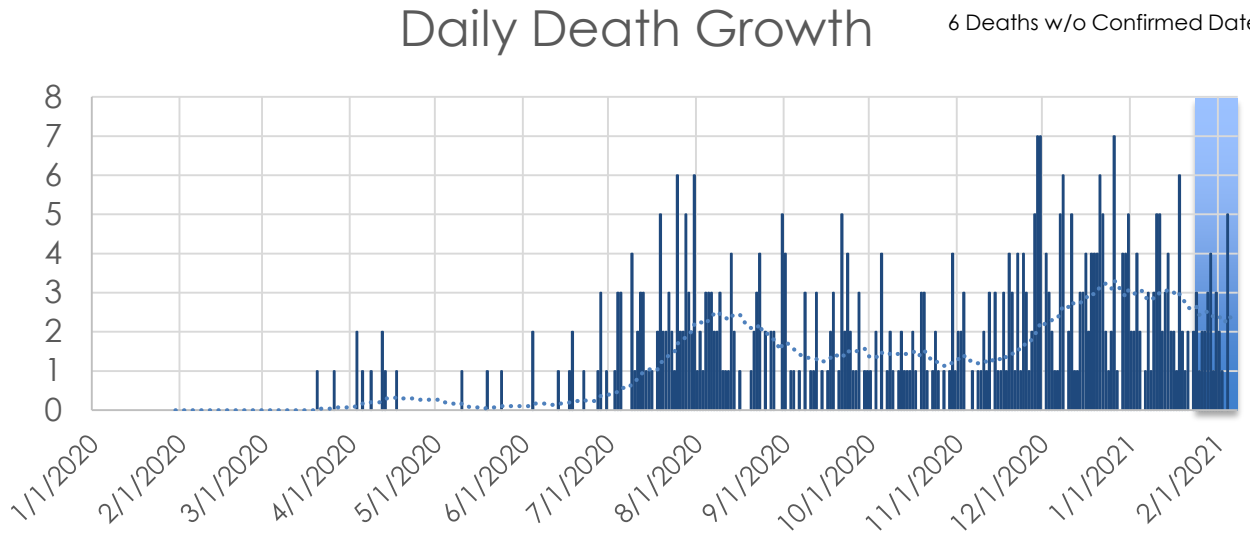
Source: Ohio Department of Health

Updated: 7-Feb

Dayton/Montgomery County



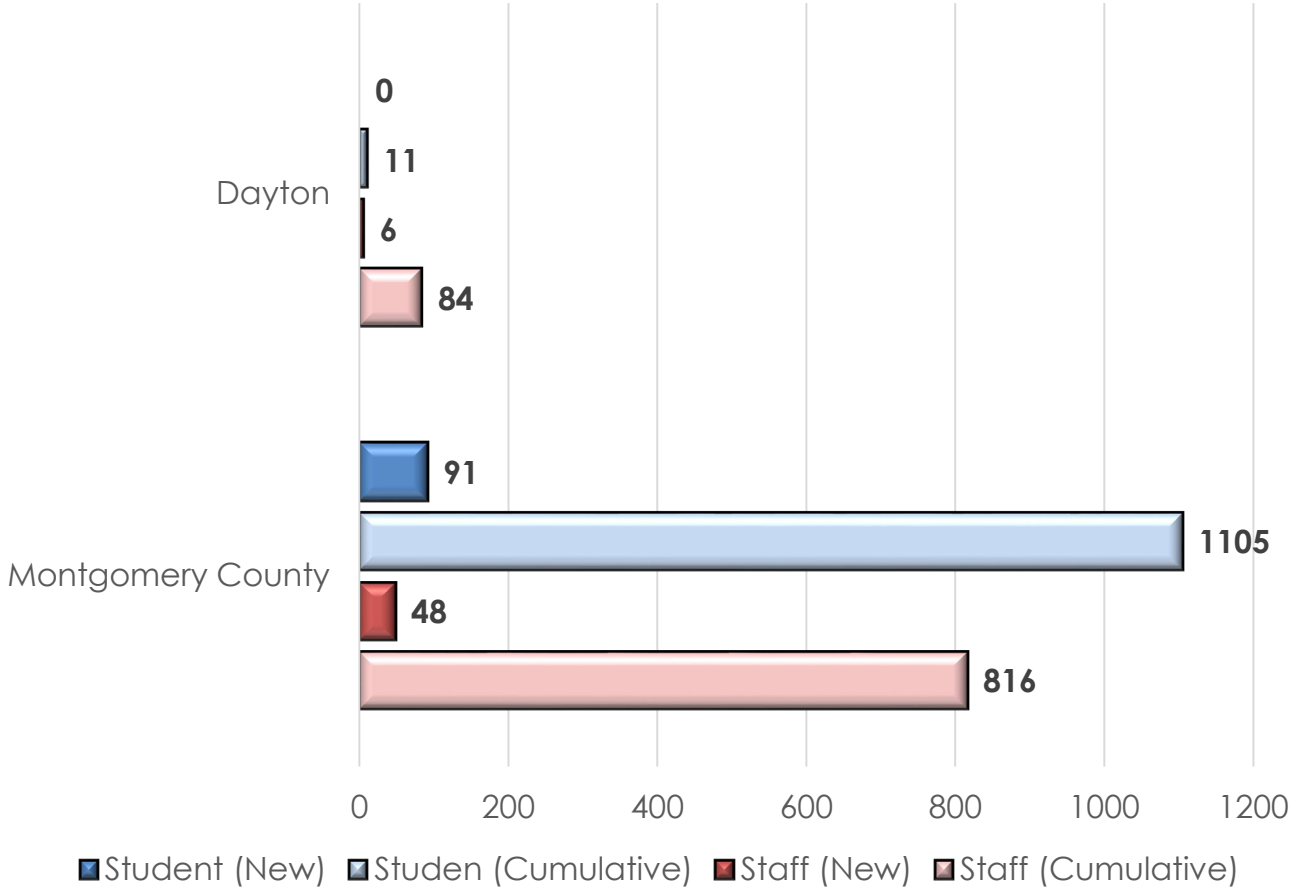
Areas in blue represent preliminary data due to reporting lag and should not be considered final.



Source: **Ohio Department of Health**

Updated: 7-Feb

Dayton/Montgomery County School Data

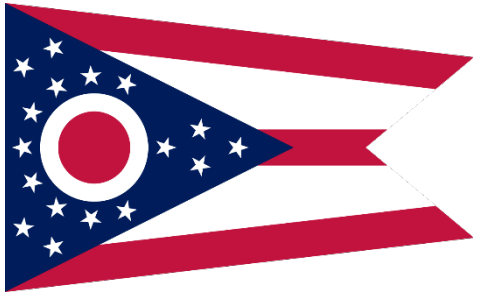


The State revised their numbers the week of 1/3/2021 dropping counts for the County from the previous week. No explanation given.

Source: Ohio Department of Health

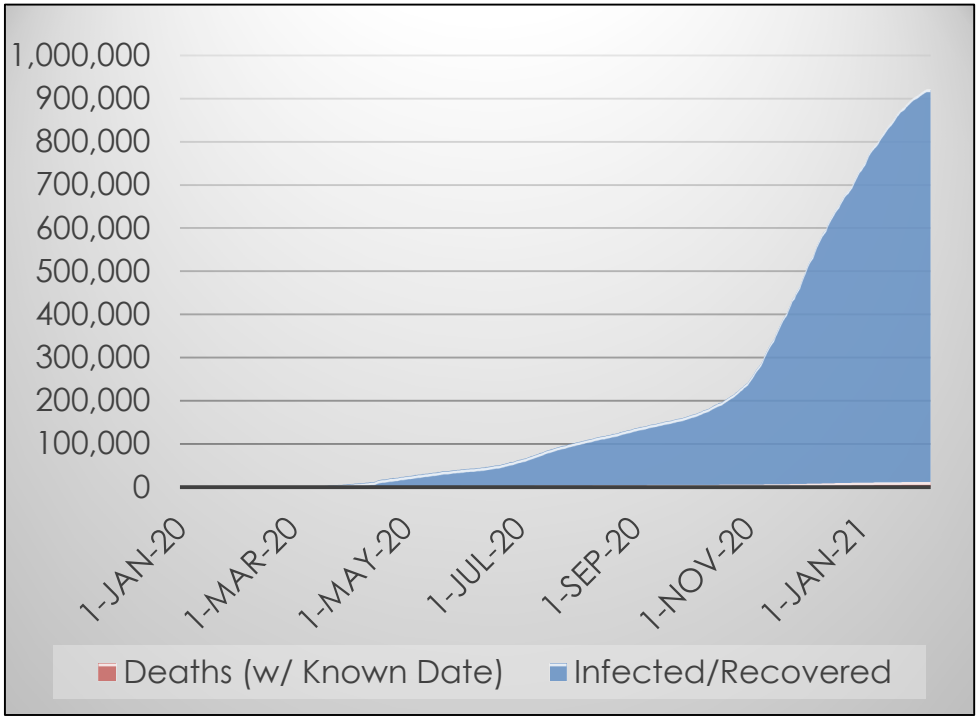
Updated: 7-Feb

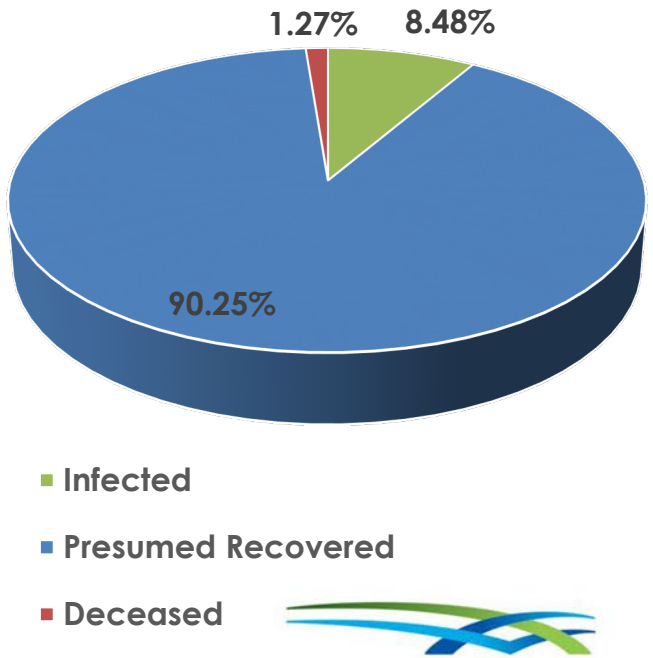
State of Ohio (pop. 11,689,100)



Data at a Glance

Confirmed Cases:	920,217	
Case Incidence:	7.87%	
Presumed Recovered:	830,532	90.25%
Presumed Active:	78,026	8.48%
Presumed Active Prevalence:	0.67%	
Deaths:	11,659	1.27% (68 w/o Date of Death)
Highest Daily Growth:	13,736	11/30/2020
Highest Daily Deaths:	110	12/10/2020





Source: Ohio Department of Health

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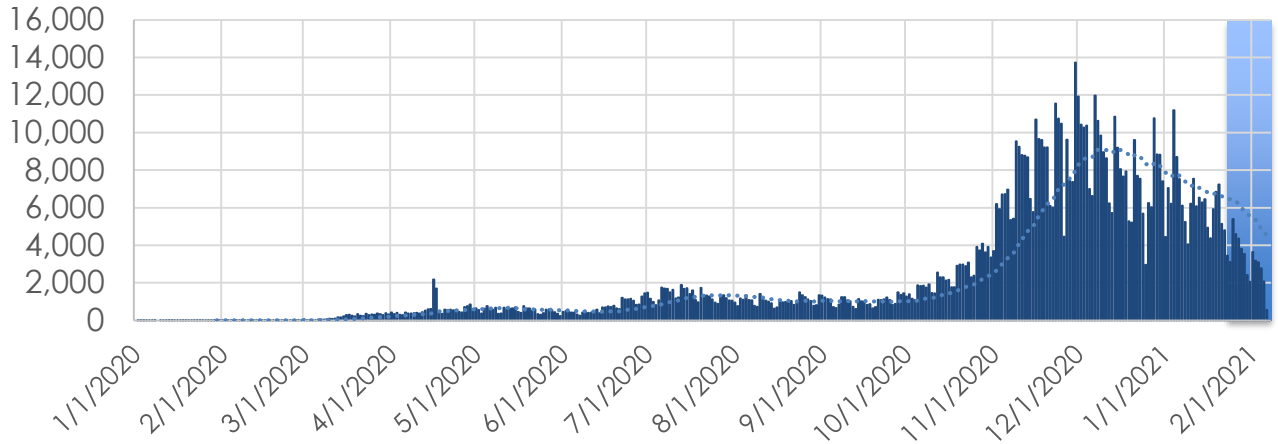
Updated: 7-Feb

State of Ohio

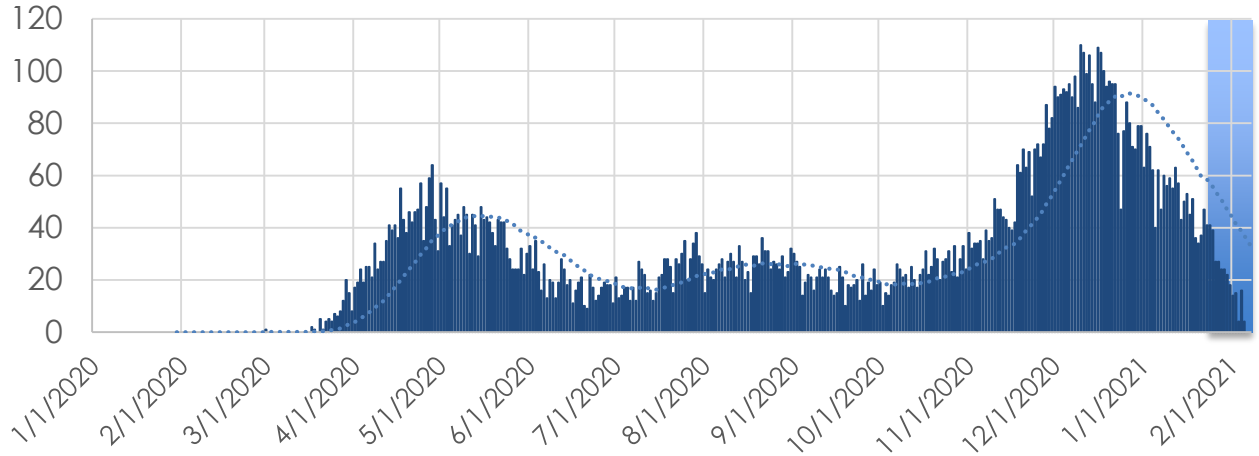
Daily Case Growth



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

68 Deaths w/o Confirmed Date



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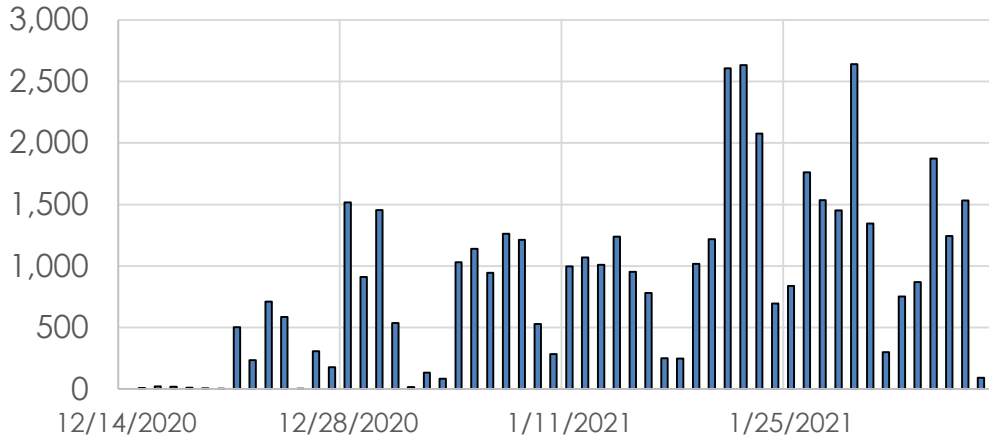
Source: **Ohio Department of Health**

Updated: 7-Feb

Ohio Vaccination Progress

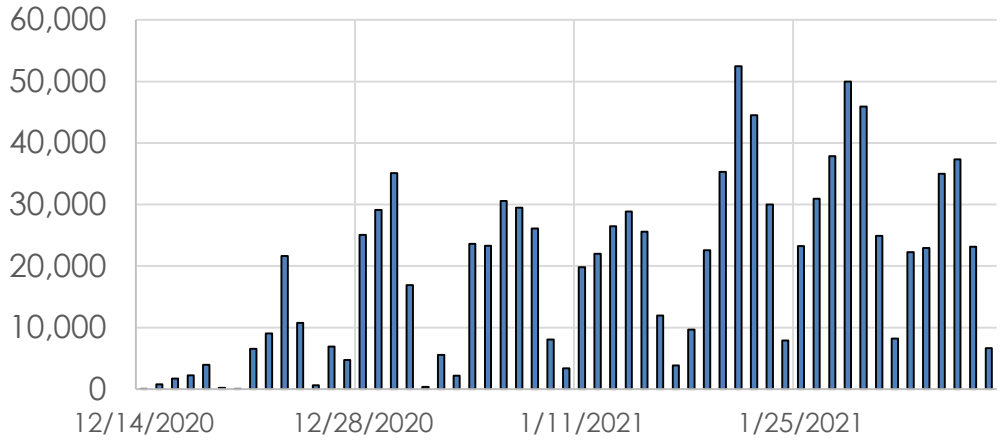
Dayton/Montgomery County



Dayton/Montgomery County (531,687)

Vaccines Started	46,682
Vaccines Completed	12,324
Started Percentage	8.78%
Completed Percentage	2.32%

State of Ohio



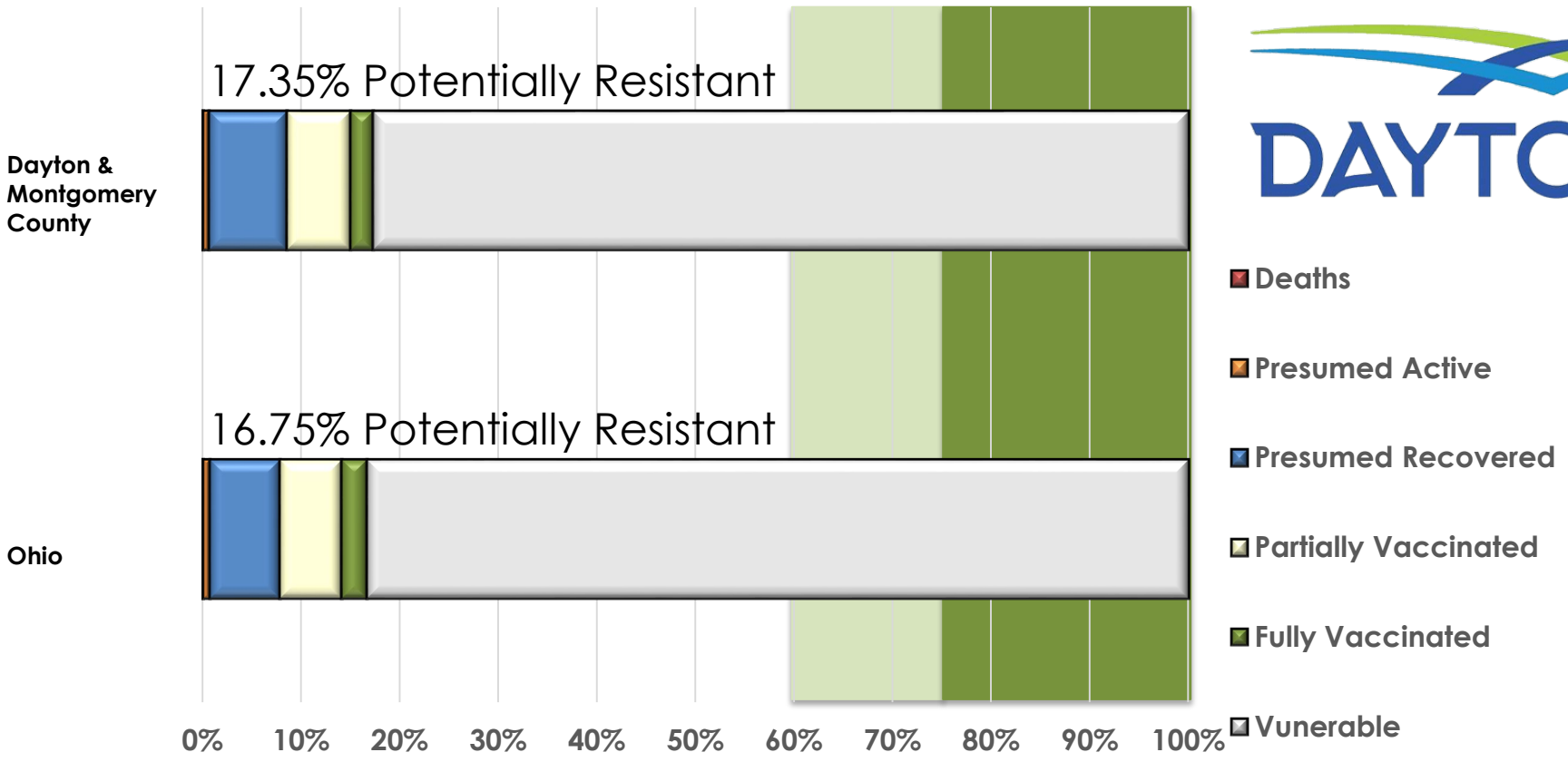
State of Ohio (11,689,100)

Vaccines Started	1,037,509
Vaccines Completed	305,038
Started Percentage	8.88%
Completed Percentage	2.61%

Source: Ohio Department of Health

Updated: 7-Feb

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.

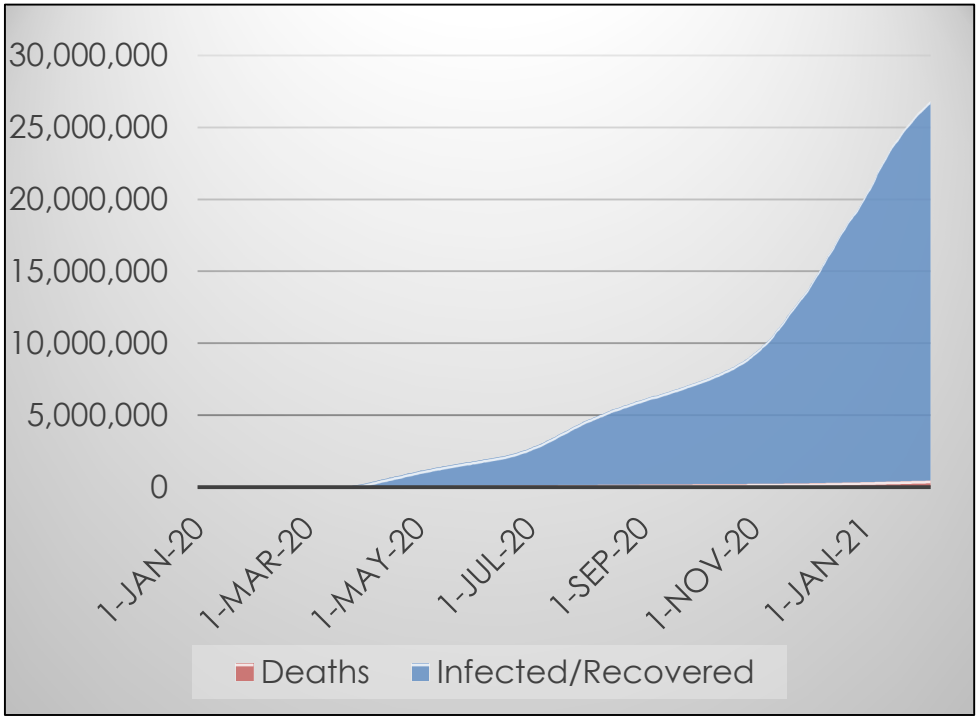
Updated: 7-Feb

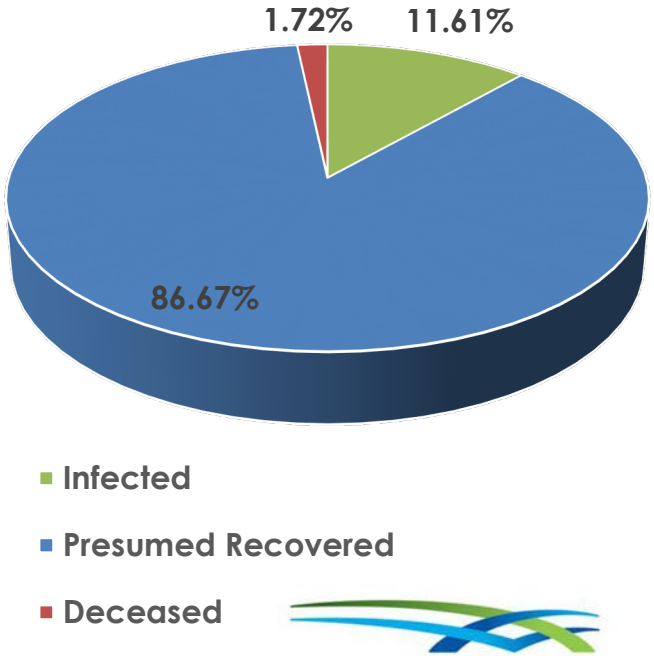
The United States (pop. 328,239,523)

Data at a Glance

Confirmed Cases:	26,761,047	
Case Incidence:	8.15%	
Presumed Recovered:	23,193,337	86.67%
Presumed Active:	3,107,128	11.61%
Presumed Active Prevalence:	0.95%	
Deaths:	460,582	1.72%
Highest Daily Growth:	314,093	1/8/2021
Highest Daily Deaths:	5,189*	2/4/2021

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





Source: U.S. Centers for Disease Control

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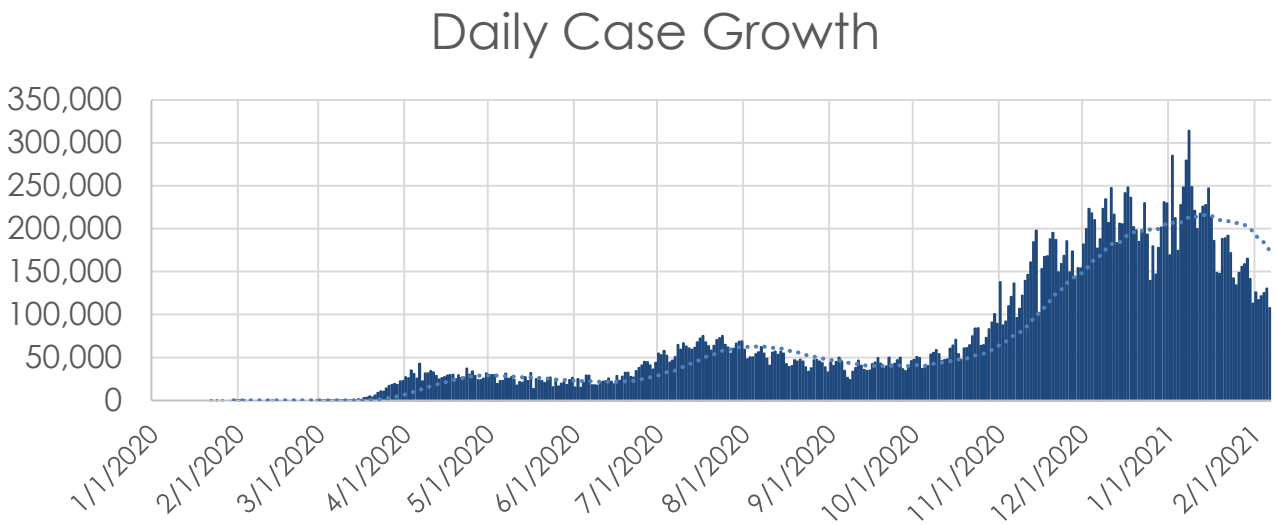
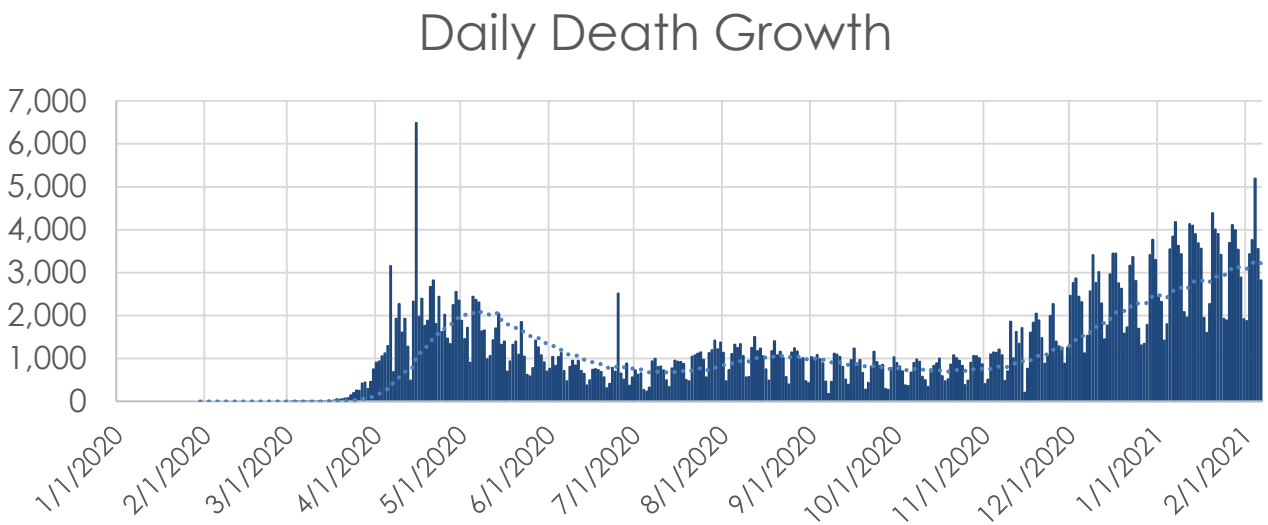
Updated: 7-Feb

The United States





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.

DAYTON

Source: U.S. Centers for Disease Control