DAYTON

DAYTON FIRE DEPARTMENT

COVID-19

Weekly Operational Update

Numbers Thru

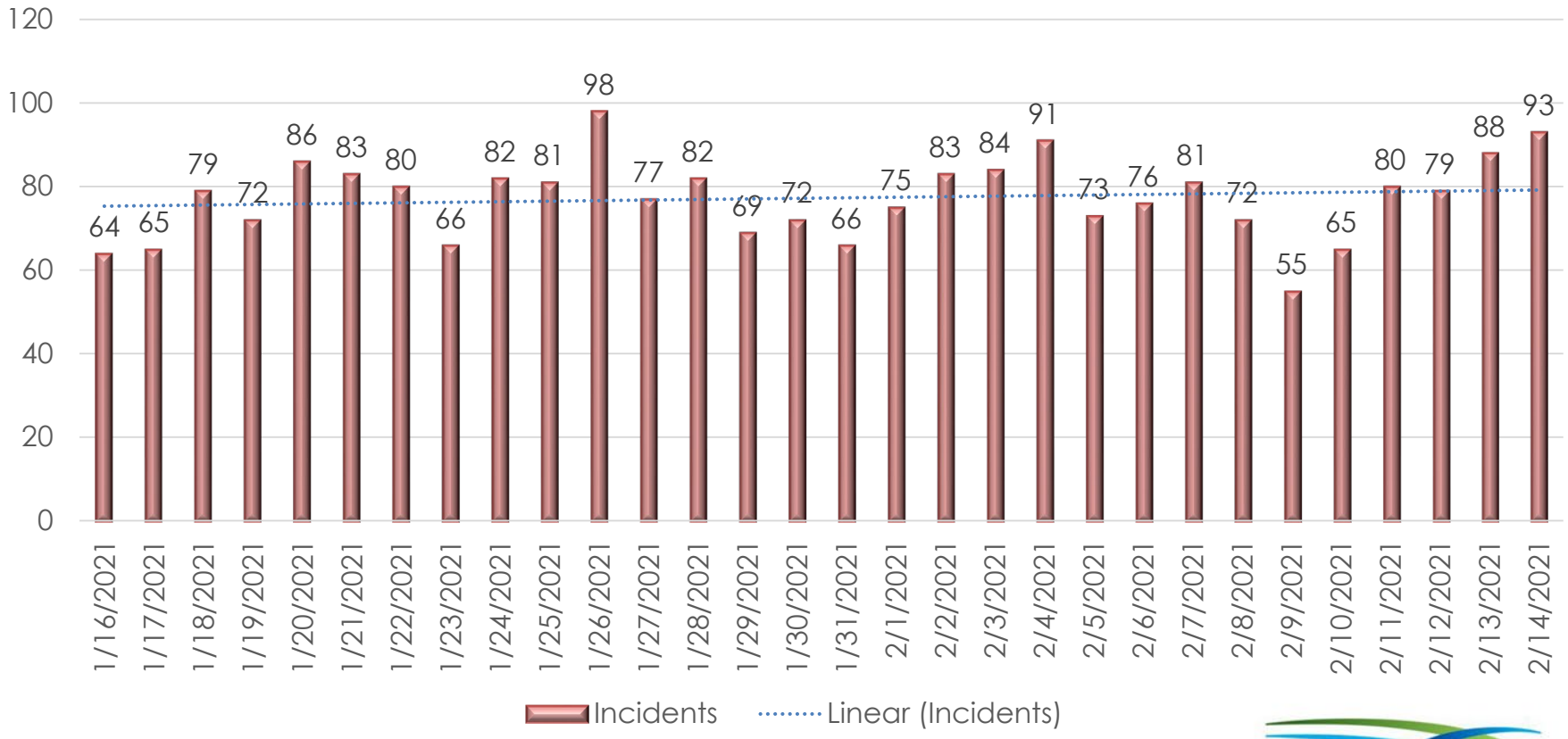
15-February-2021

Updated: 15-Feb

Daily EMS Unit Utilization – Last 30 Days

30-Day Average = 77.23 (EMS Only)

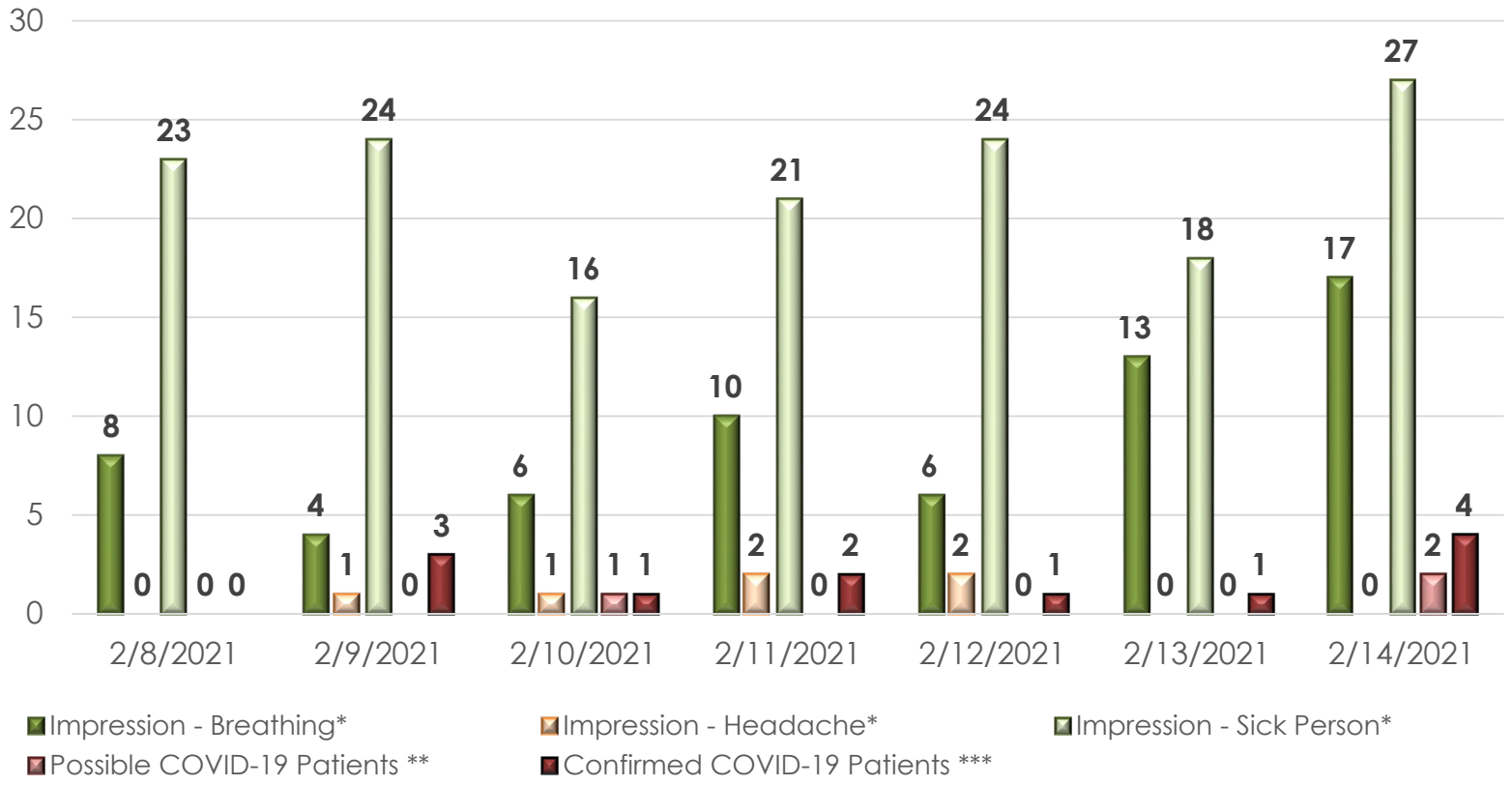
February 2020 Average = 79.07
2020 Overall Average = 79.39



DAYTON

Updated: 15-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)

12 **

CUMULATIVE (Since 1/1/20)

610

* 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

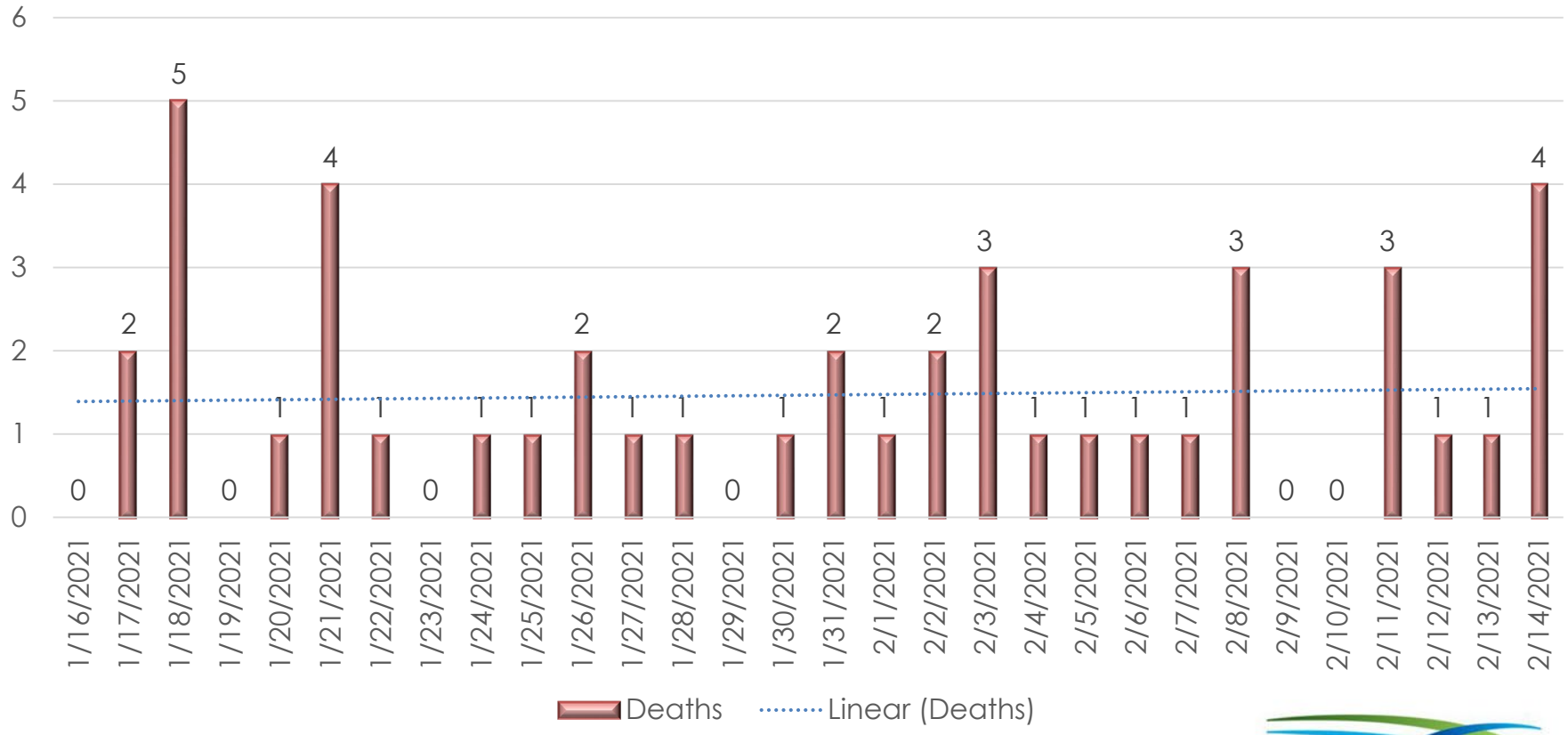
Updated: 15-Feb

Non-Transported Dead On Scene

30-Day, Daily Average = 1.47/day

February 2020 Average = 1.14/day

2020 Overall Average = 1.58/day



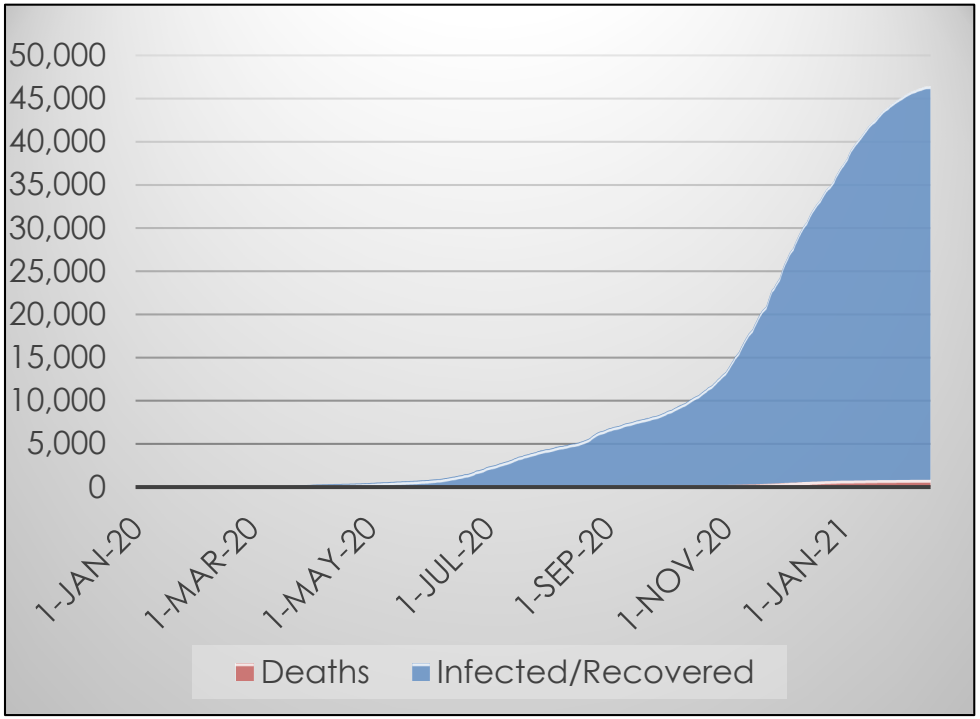
DAYTON

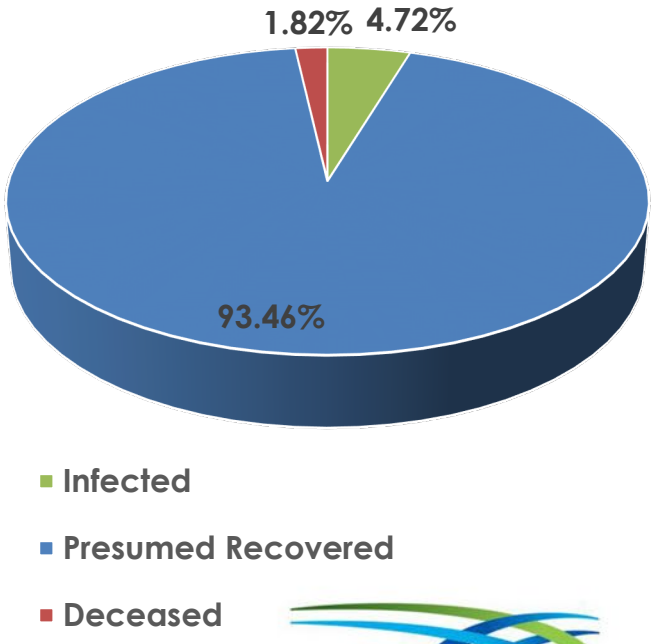
Updated: 15-Feb

Dayton/Montgomery County (pop. 531,687)

Data at a Glance

Confirmed Cases:	46,369	
Case Incidence:	8.72%	
Presumed Recovered:	43,335	93.46%
Presumed Active:	2,189	4.72%
Presumed Active Prevalence:	0.41%	
Deaths:	845	1.82% (6 w/o Date of Death)
Highest Daily Growth:	689	11/30/2020
Highest Daily Death:	21	11/29/2020

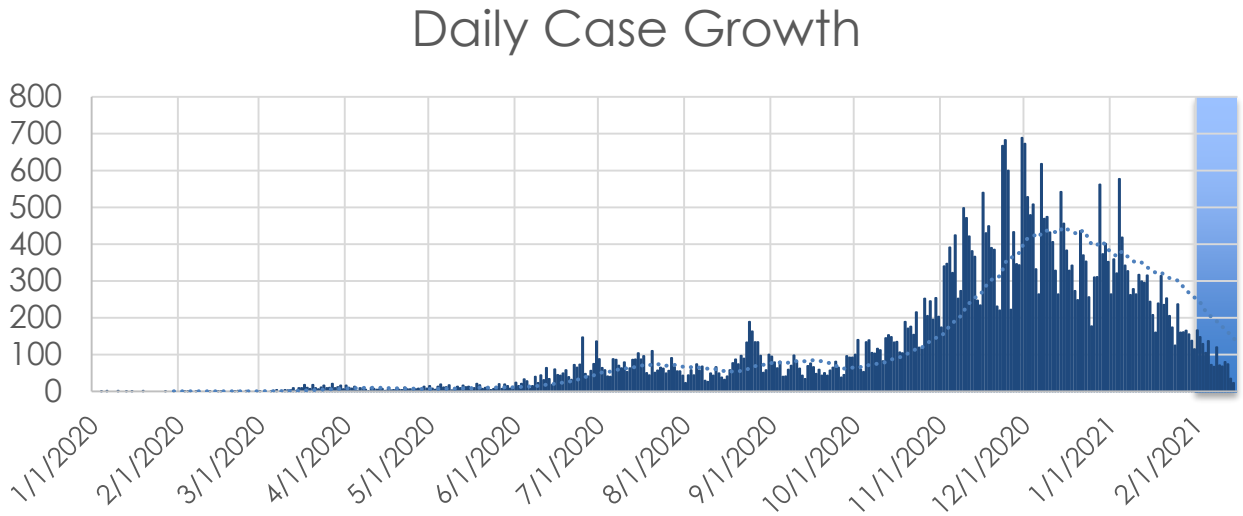




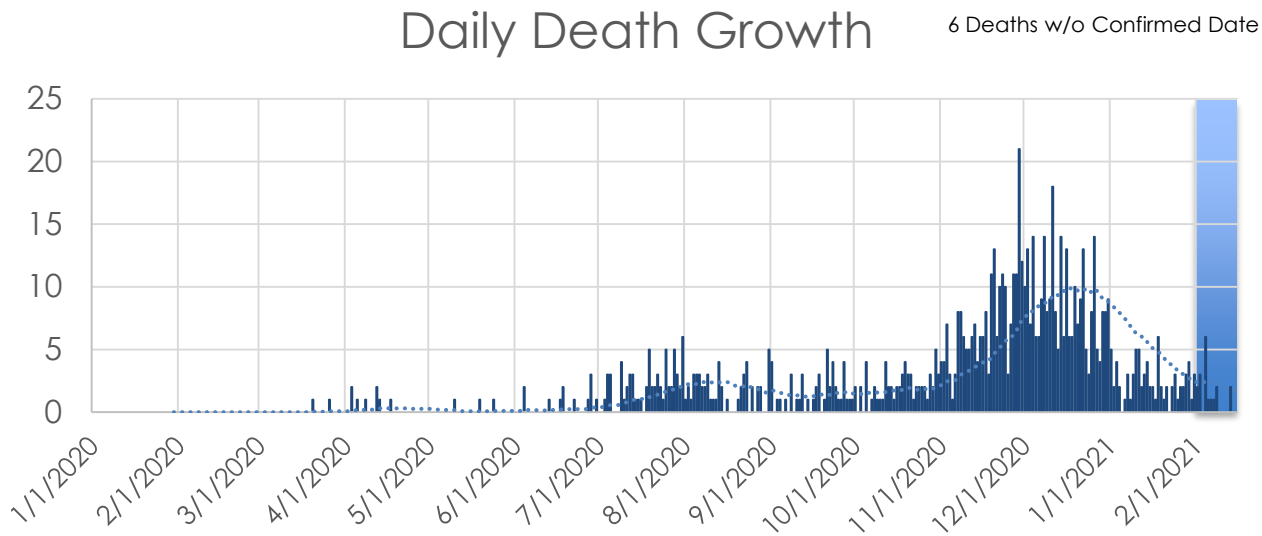
Source: Ohio Department of Health

Updated: 15-Feb

Dayton/Montgomery County



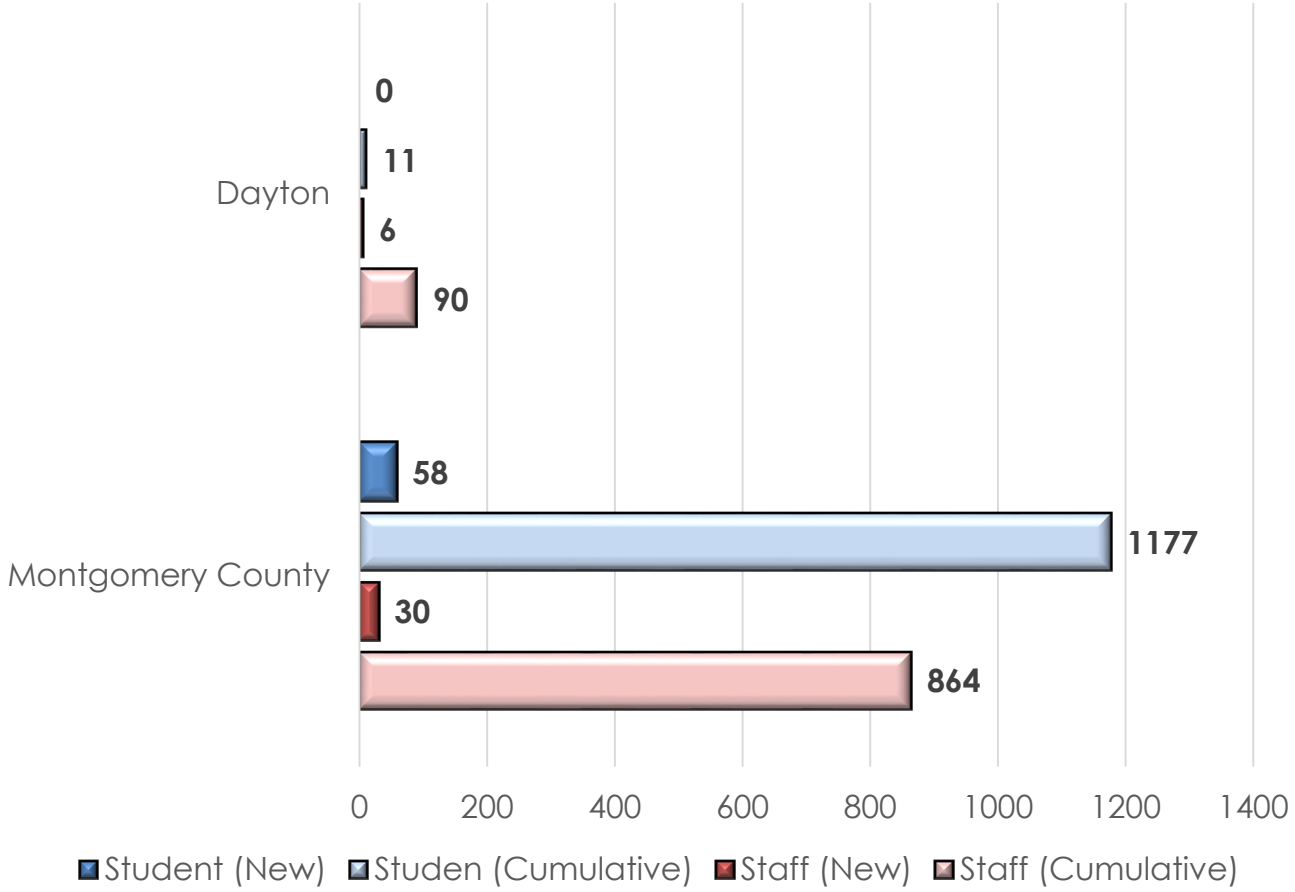
Areas in blue represent preliminary data due to reporting lag and should not be considered final.



Source: Ohio Department of Health

Updated: 15-Feb

Dayton/Montgomery County School Data

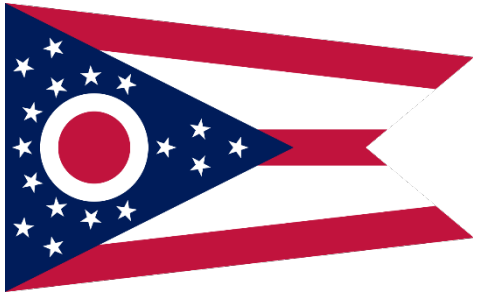


The State revised their numbers the week of 1/3/2021 dropping counts for the County from the previous week. No explanation given.

Source: Ohio Department of Health

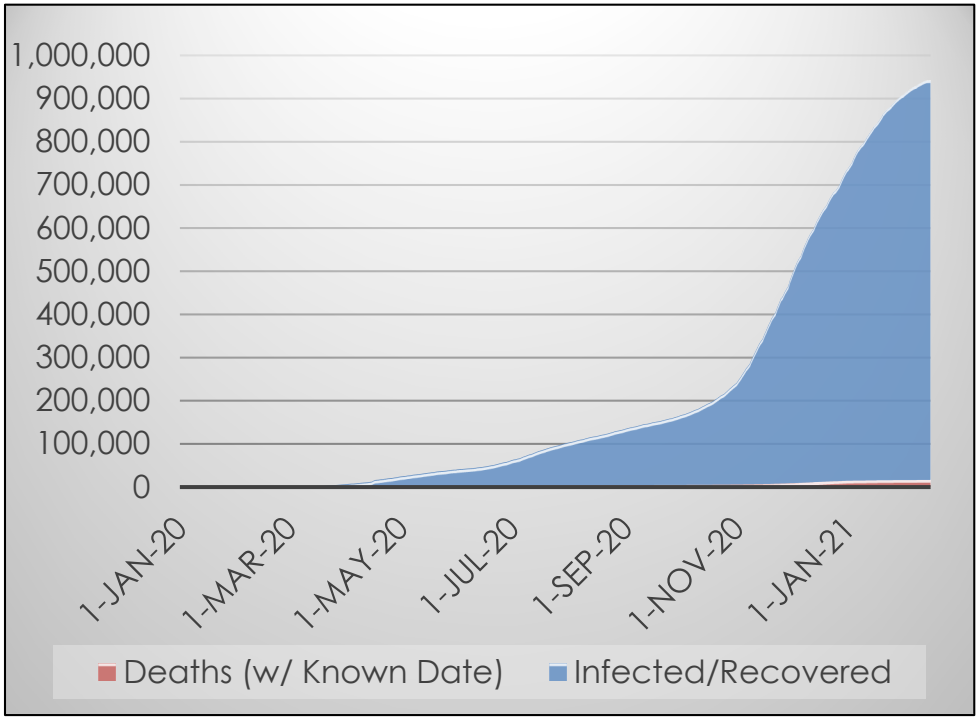
Updated: 15-Feb

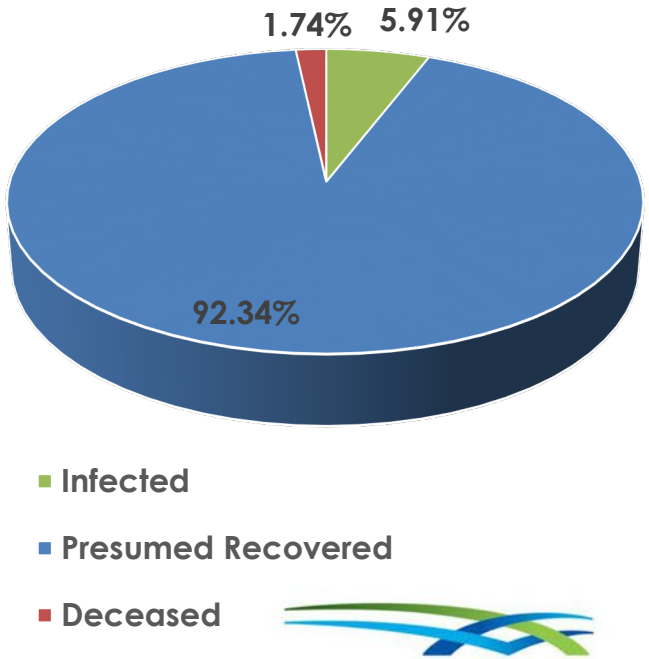
State of Ohio (pop. 11,689,100)



Data at a Glance

Confirmed Cases:	941,241	
Case Incidence:	8.05%	
Presumed Recovered:	869,196	92.34%
Presumed Active:	55,675	5.91%
Presumed Active Prevalence:	0.48%	
Deaths:	16,394	1.74% (78 w/o Date of Death)
Highest Daily Growth:	13,551	11/30/2020
Highest Daily Deaths:	211	12/16/2020



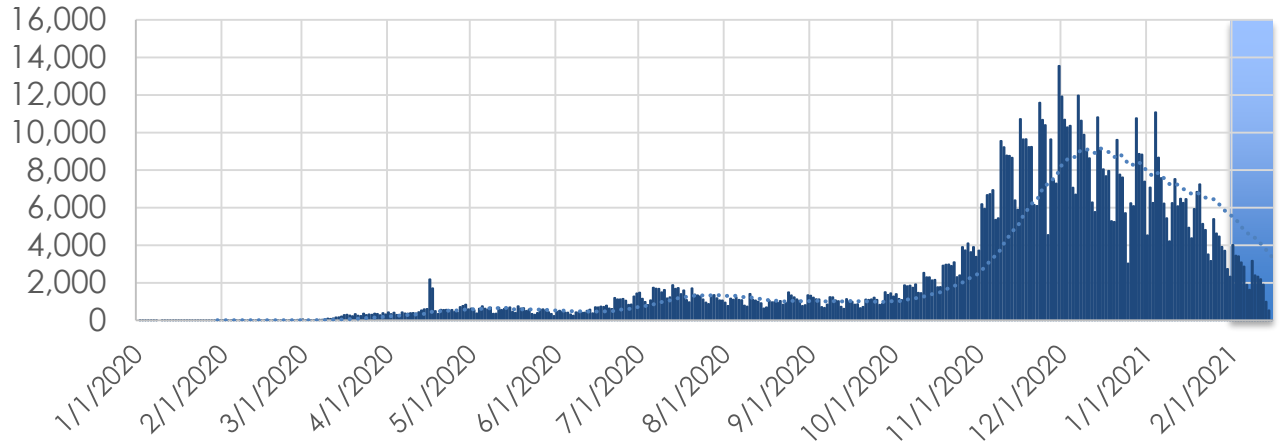


Source: Ohio Department of Health

Updated: 15-Feb

State of Ohio

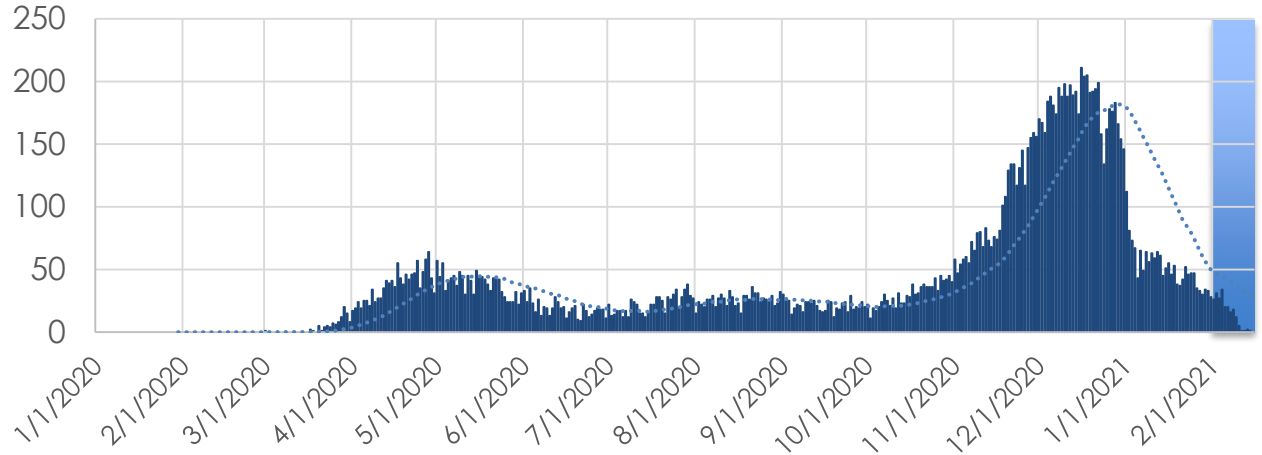
Daily Case Growth



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

78 Deaths w/o Confirmed Date



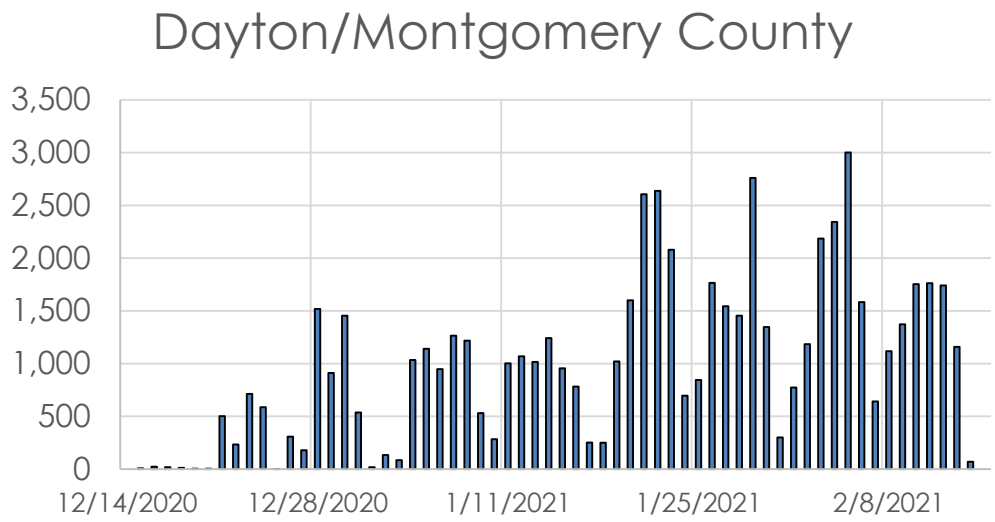
Areas in blue represent preliminary data due to reporting lag and should not be considered final.

DAYTON

Source: Ohio Department of Health

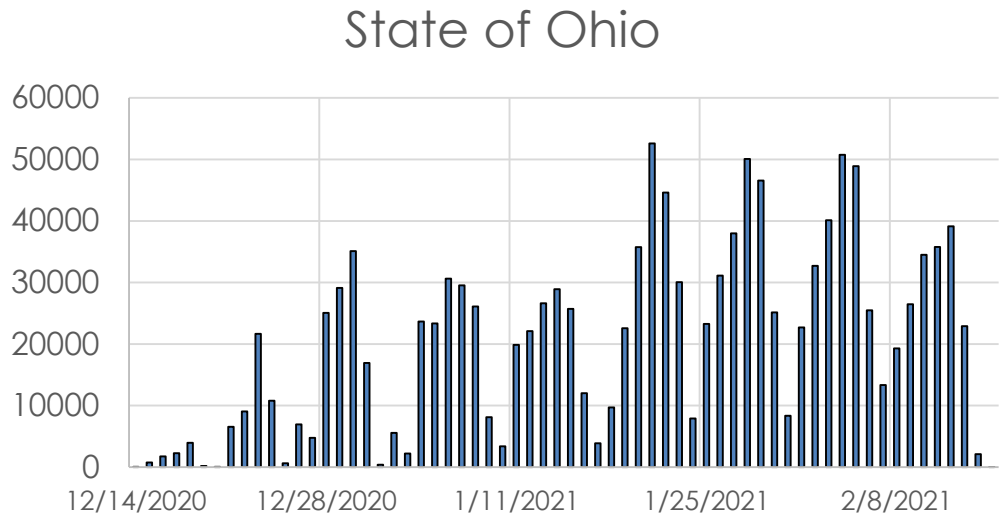
Updated: 15-Feb

Ohio Vaccination Progress



Dayton/Montgomery County (531,687)

Vaccines Started	61,577
Vaccines Completed	22,185
Started Percentage	11.58%
Completed Percentage	4.17%



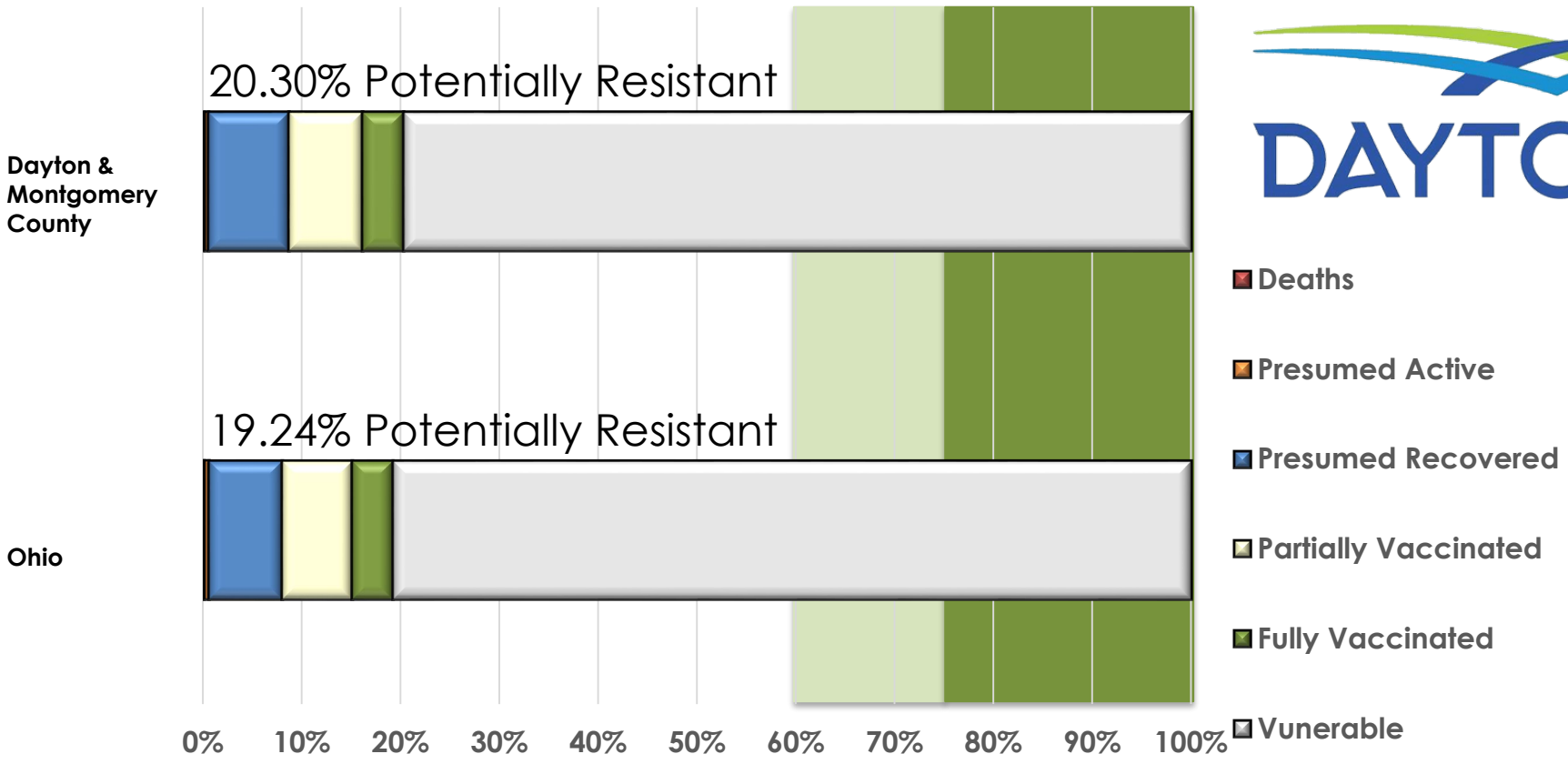
State of Ohio (11,689,100)

Vaccines Started	1,307,563
Vaccines Completed	481,339
Started Percentage	11.19%
Completed Percentage	4.12%

Source: Ohio Department of Health

Updated: 15-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.

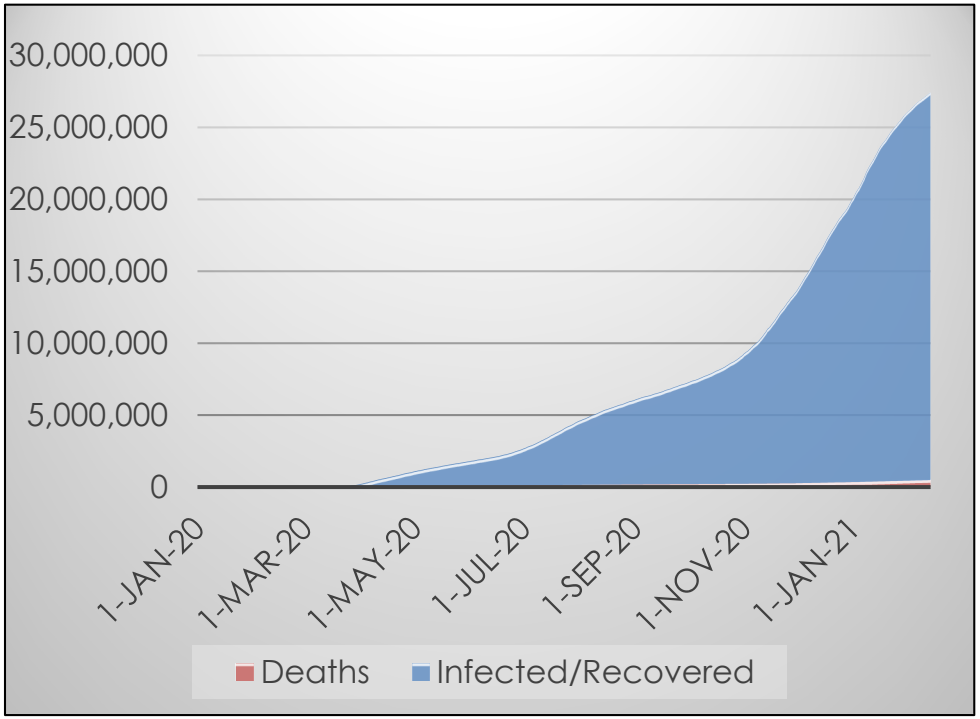
Updated: 15-Feb

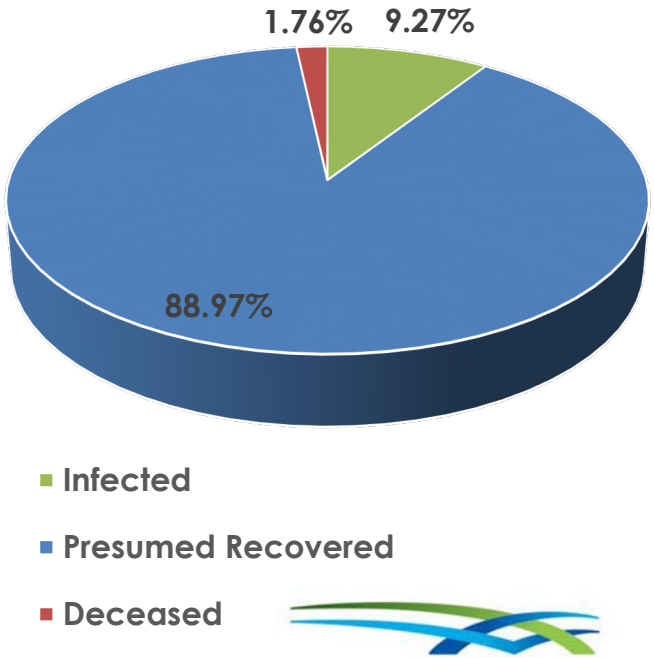
The United States (pop. 328,239,523)

Data at a Glance

Confirmed Cases:	27,417,468	
Case Incidence:	8.35%	
Presumed Recovered:	26,934,932	88.97%
Presumed Active:	2,541,207	9.27%
Presumed Active Prevalence:	0.77%	
Deaths:	482,536	1.76%
Highest Daily Growth:	314,093	1/8/2021
Highest Daily Deaths:	5,520*	2/12/2021

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



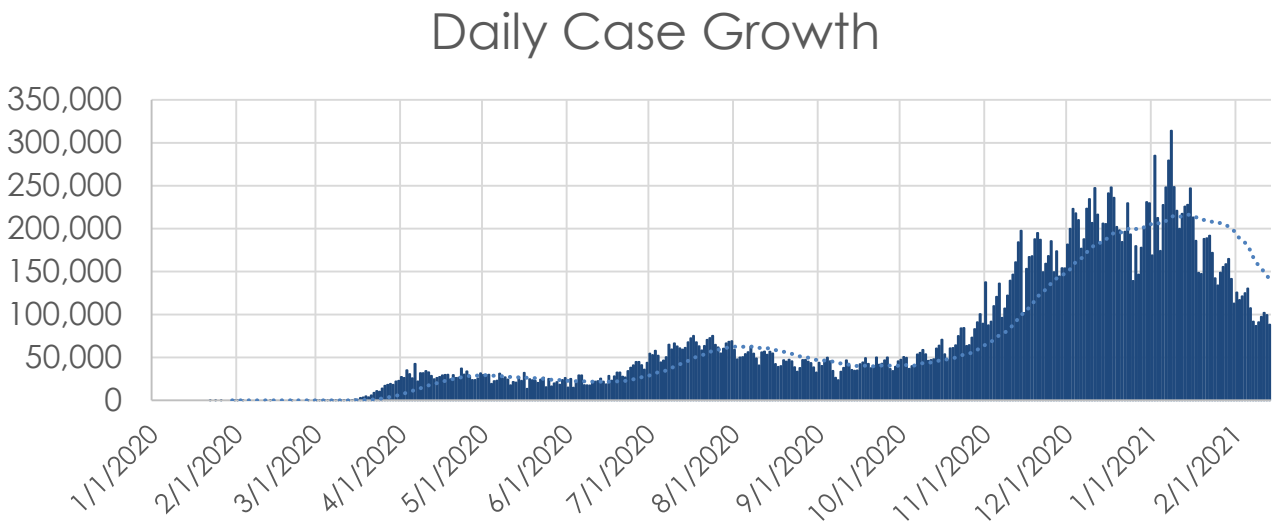


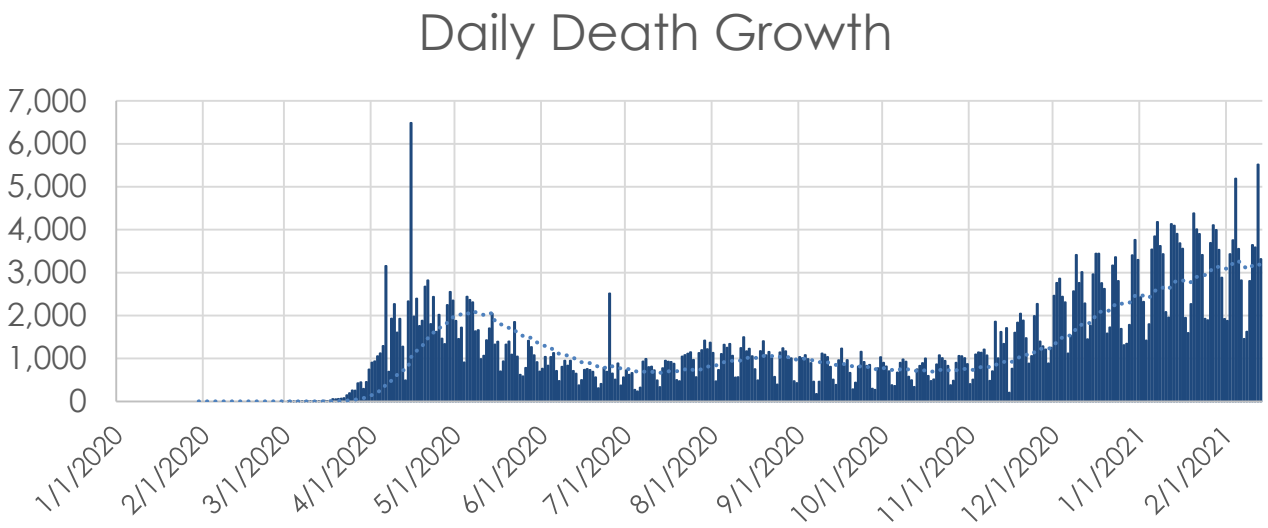
Source: U.S. Centers for Disease Control

DAYTON

Updated: 15-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