



DAYTON



DAYTON FIRE DEPARTMENT

COVID-19

Weekly Operational Update

Numbers Thru

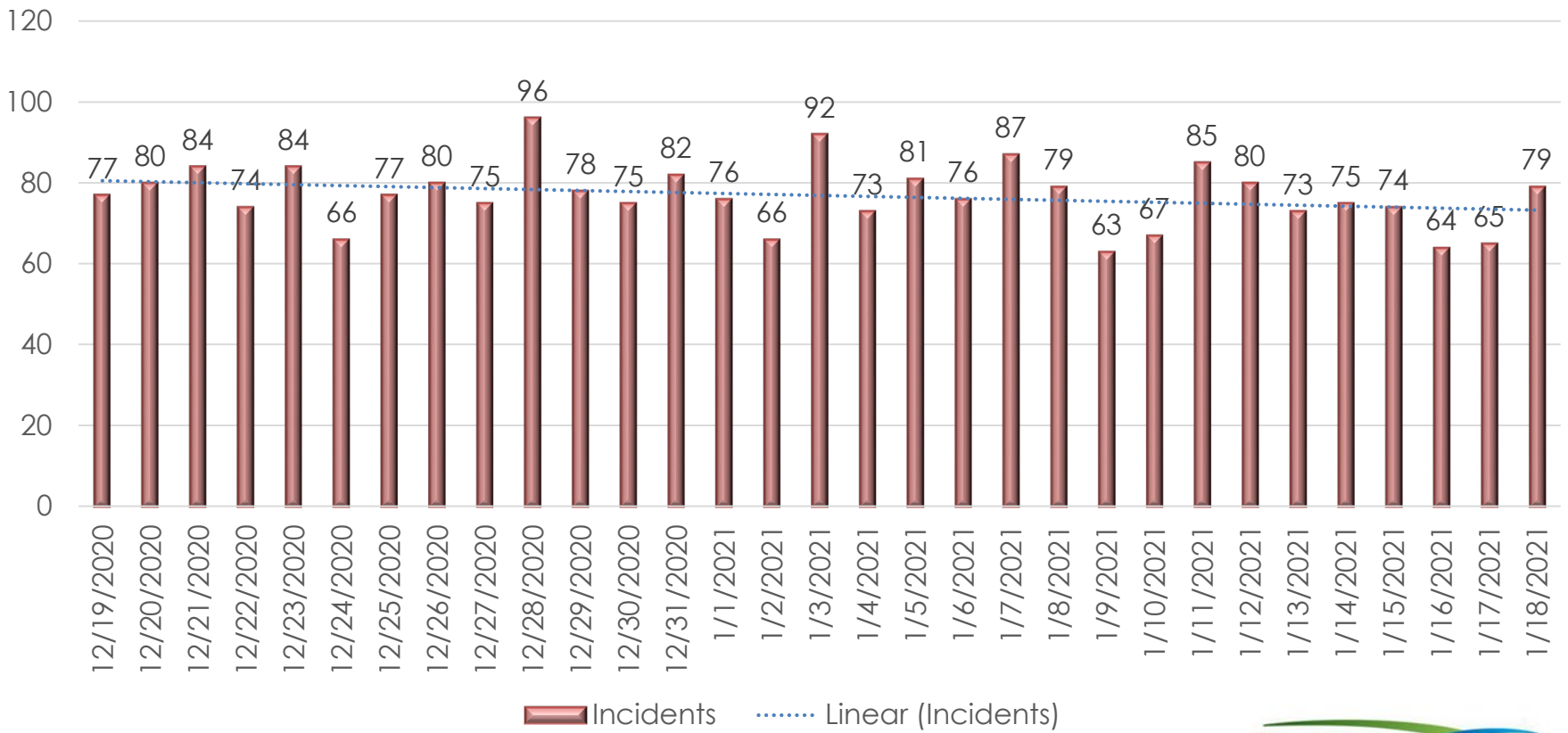
18-December-2021



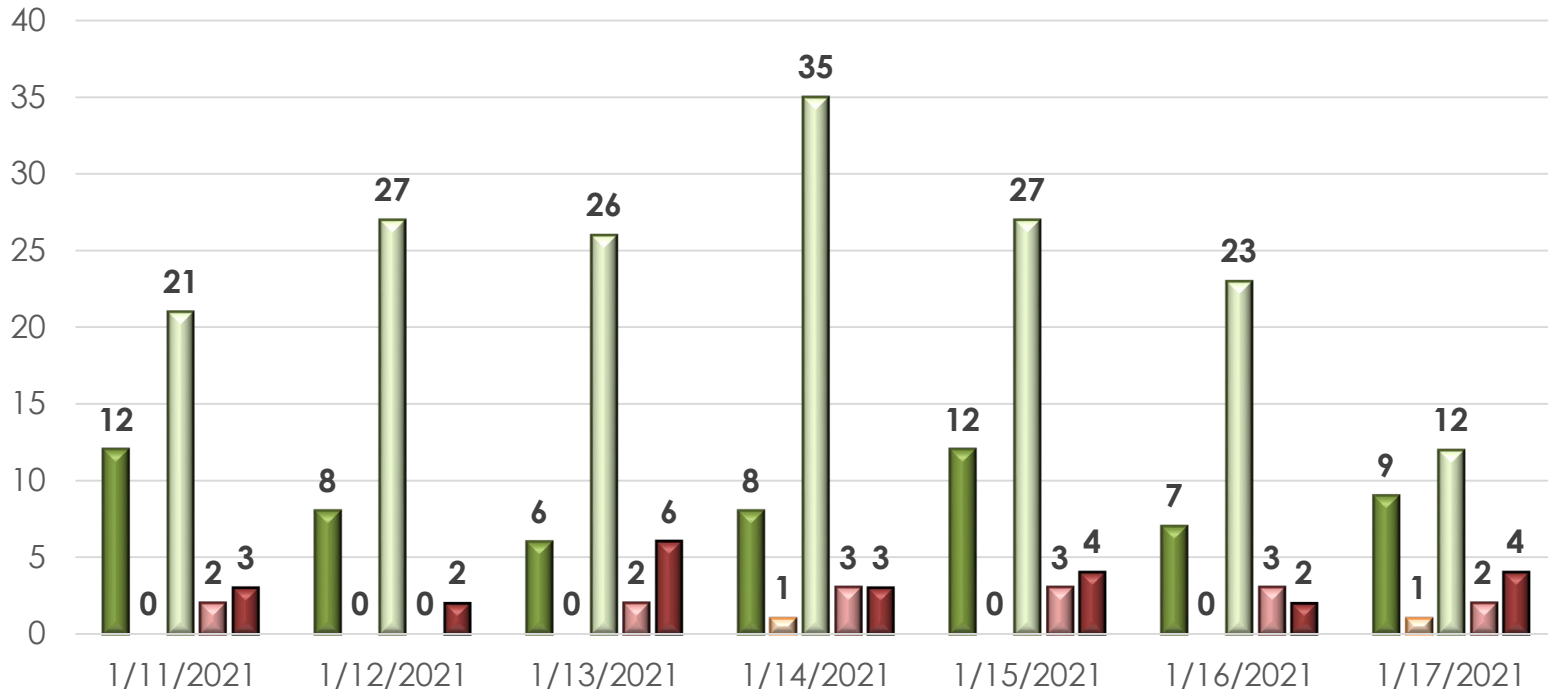
Daily EMS Unit Utilization – Last 30 Days

30-Day Average: 76.87 (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)

24 **

CUMULATIVE (Since 1/1/20)

527

■ Impression - Breathing*

■ Impression - Headache*

■ Impression - Sick Person*

■ Possible COVID-19 Patients**

■ Confirmed COVID-19 Patients***

* 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

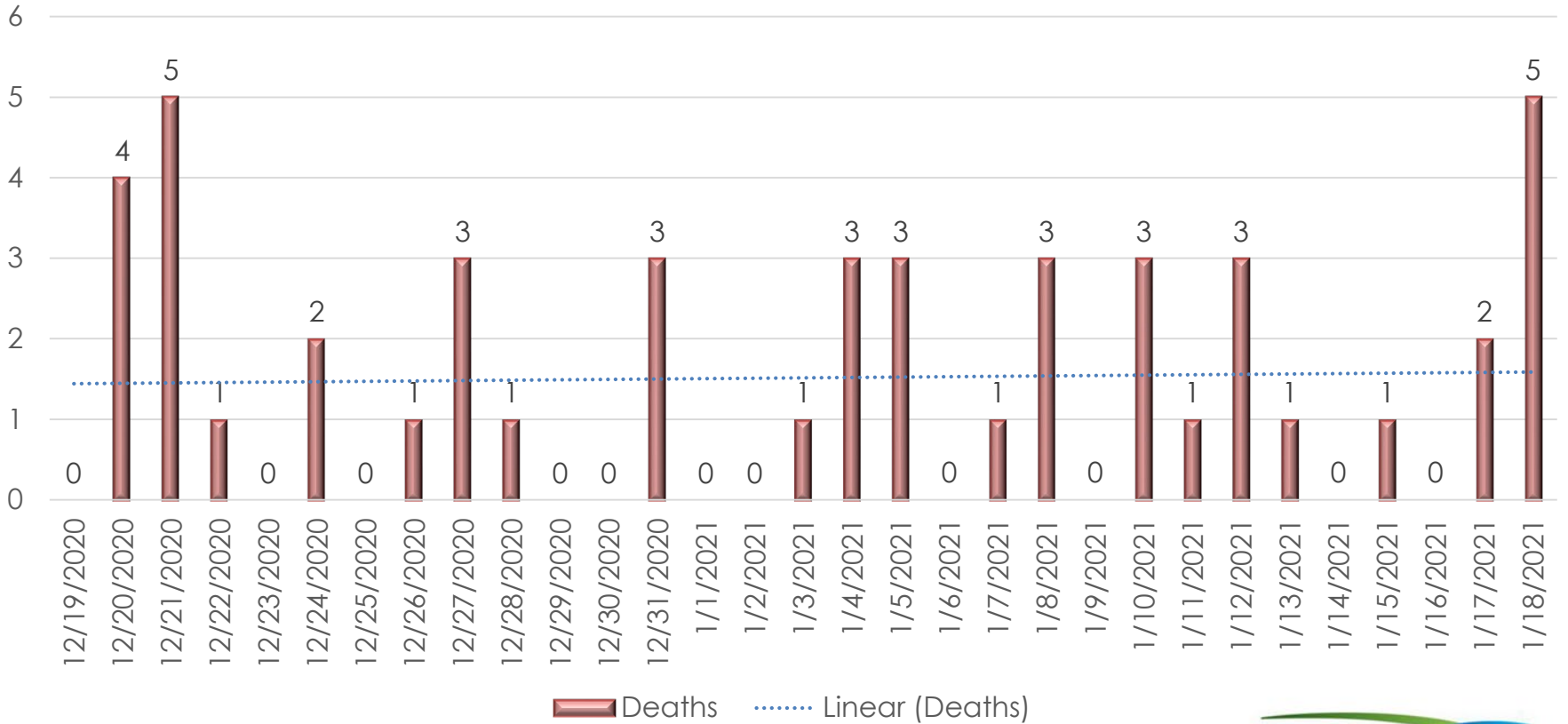


Non-Transported Dead On Scene

30-Day, Daily Average = 1.52/day

January 2020 Average = 1.29/day

2019 Overall Average = 1.58/day

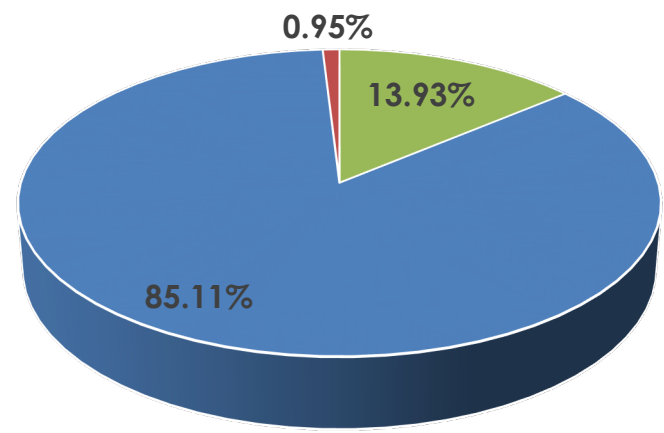
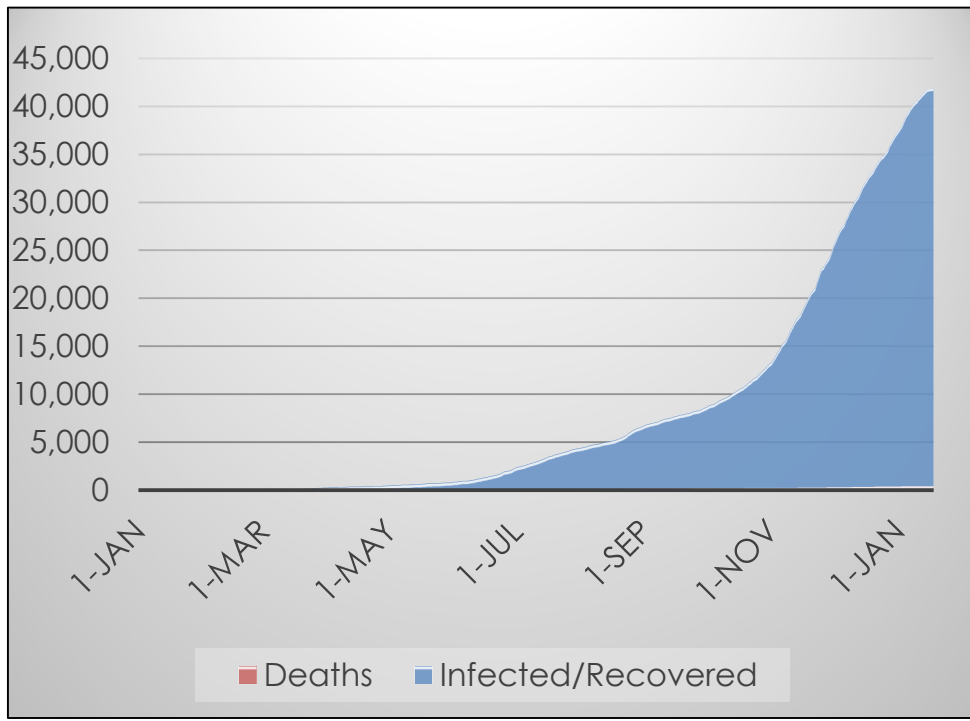


Dayton/Montgomery County (pop. 531,687)



Data at a Glance

Confirmed Cases:	41,873	
Case Incidence:	7.88%	
Presumed Recovered:	35,639	85.11%
Presumed Active:	5,835	13.93%
Presumed Active Prevalence:	1.10%	
Deaths:	399	0.95% (3 w/o Date of Death)
Highest Daily Growth:	725	11/23/2020
Highest Daily Death:	7	11/30/2020



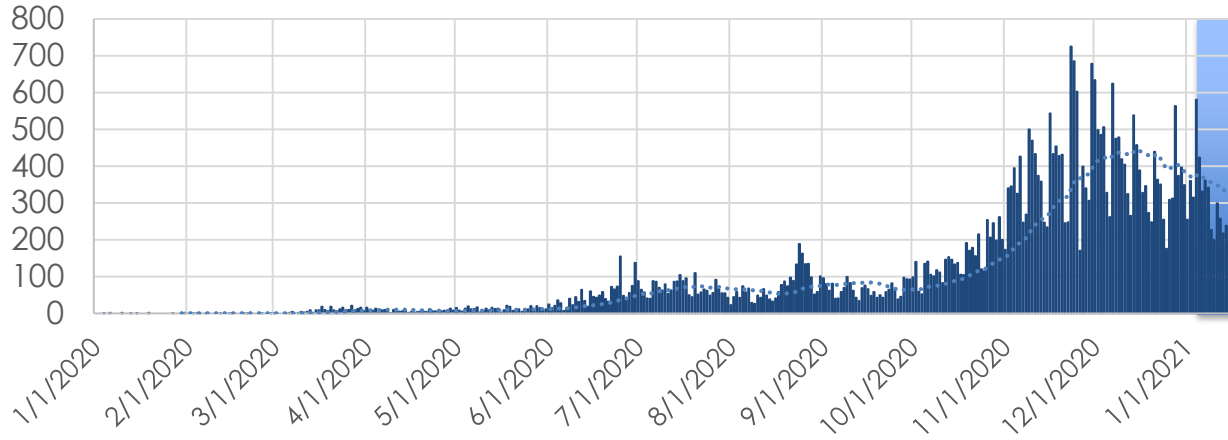
- Infected
- Presumed Recovered
- Deceased



Dayton/Montgomery County



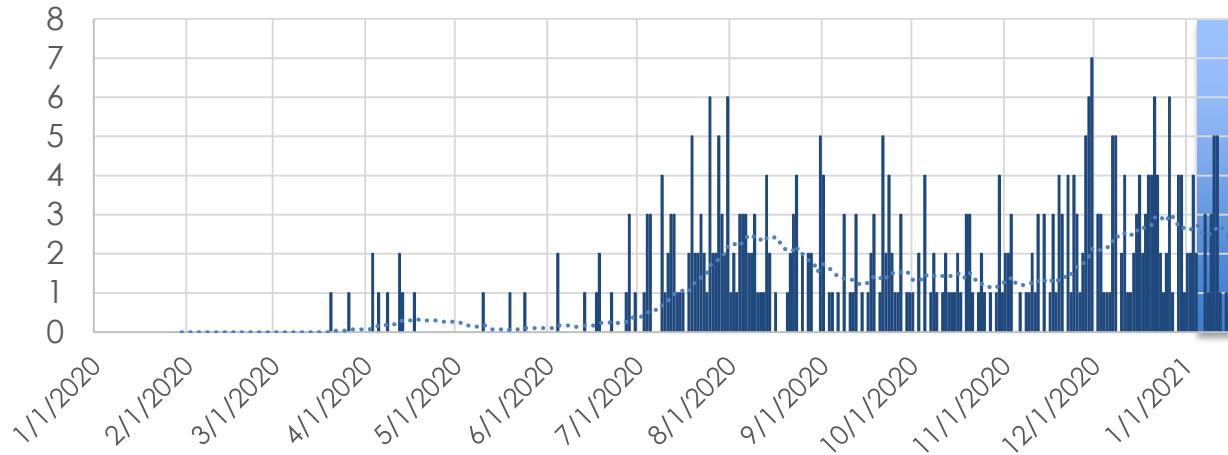
Daily Case Growth



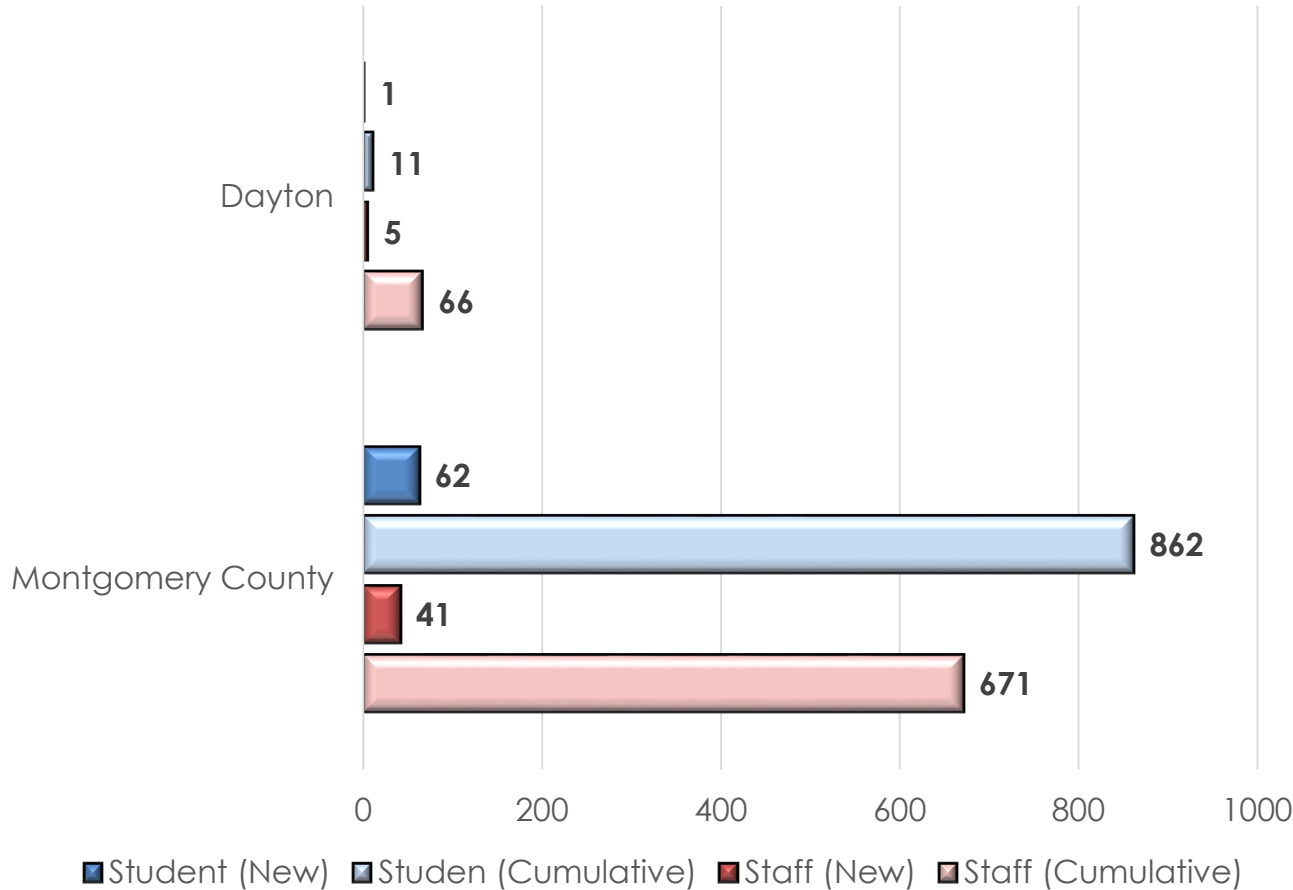
Areas in blue represent preliminary data due to reporting lag and should not be considered final.

Daily Death Growth

3 Deaths w/o Confirmed Date



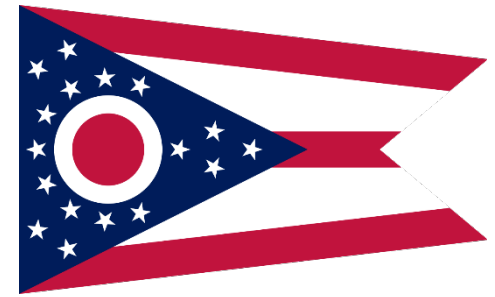
Dayton/Montgomery County School Data



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

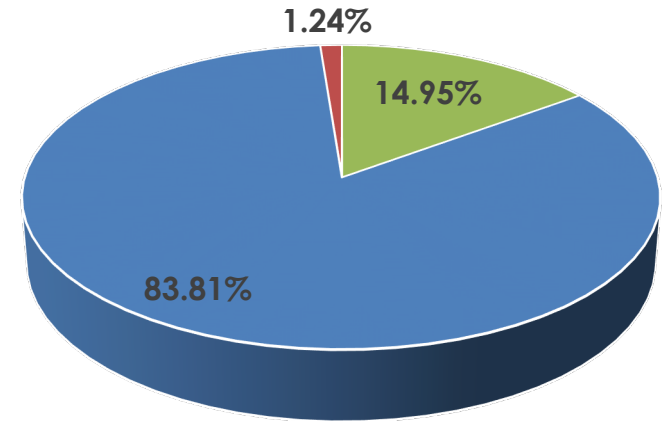
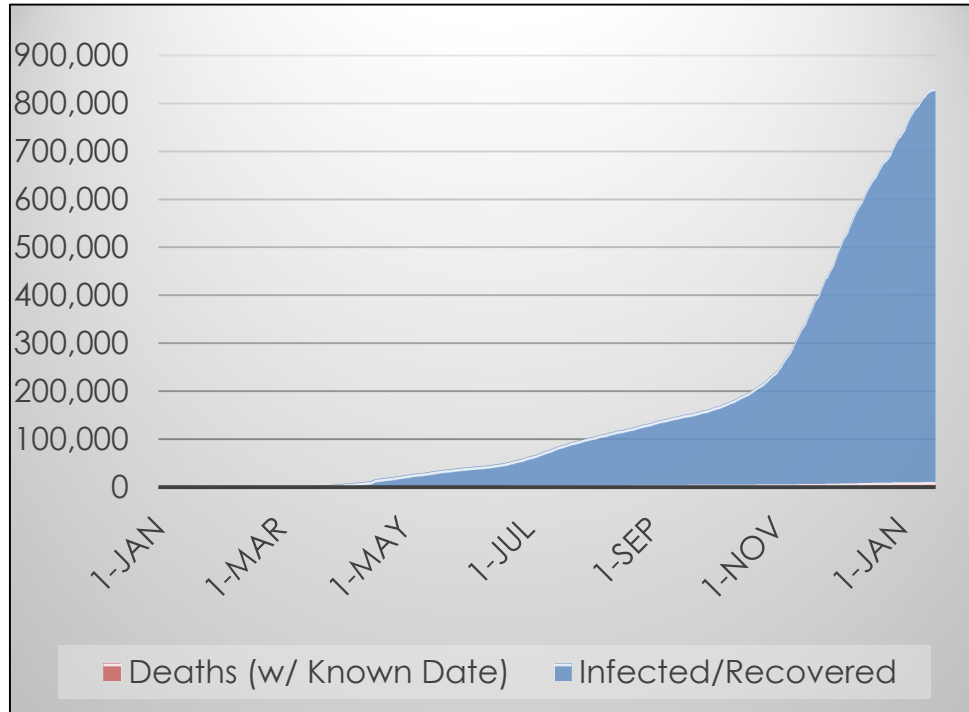


State of Ohio (pop. 11,689,100)



Data at a Glance

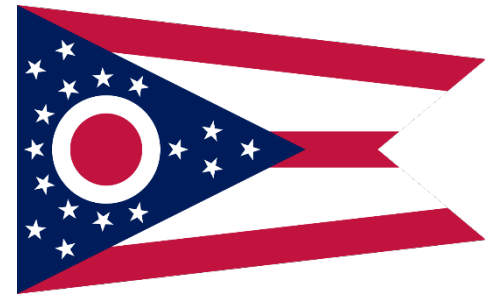
Confirmed Cases:	831,066	
Case Incidence:	7.11%	
Presumed Recovered:	696,516	83.81%
Presumed Active:	124,269	14.95%
Presumed Active Prevalence:	1.06%	
Deaths:	10,281	1.24% (49 w/o Date of Death)
Highest Daily Growth:	13,341	11/30/2020
Highest Daily Deaths:	103	12/16/2020 & 12/17/2020



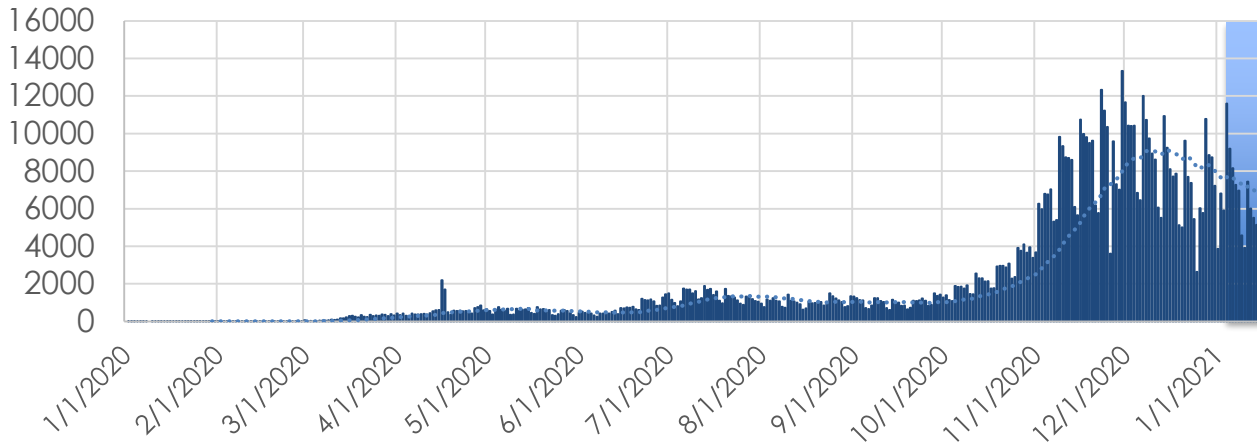
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State of Ohio



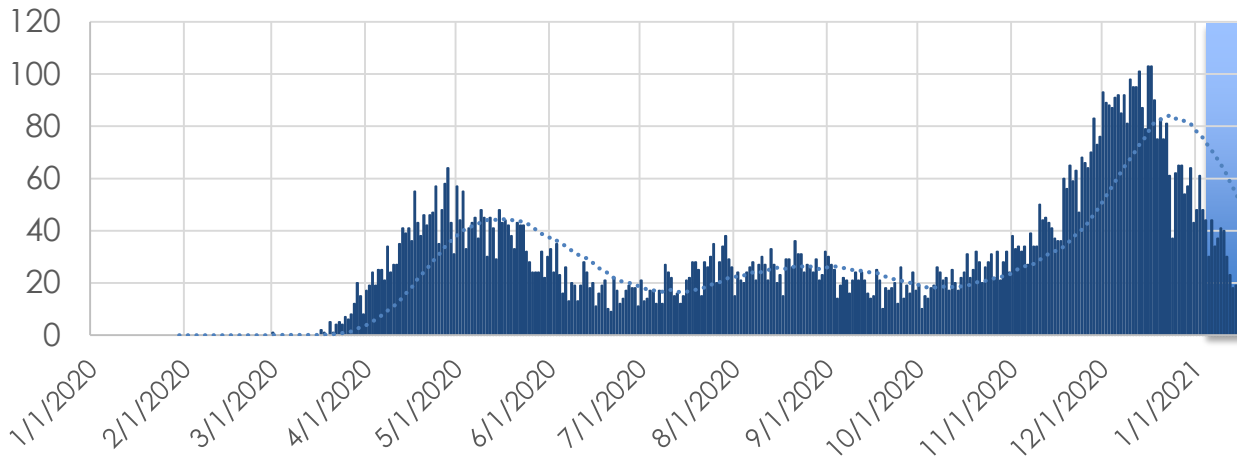
Daily Case Growth



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

49 Deaths w/o Confirmed Date



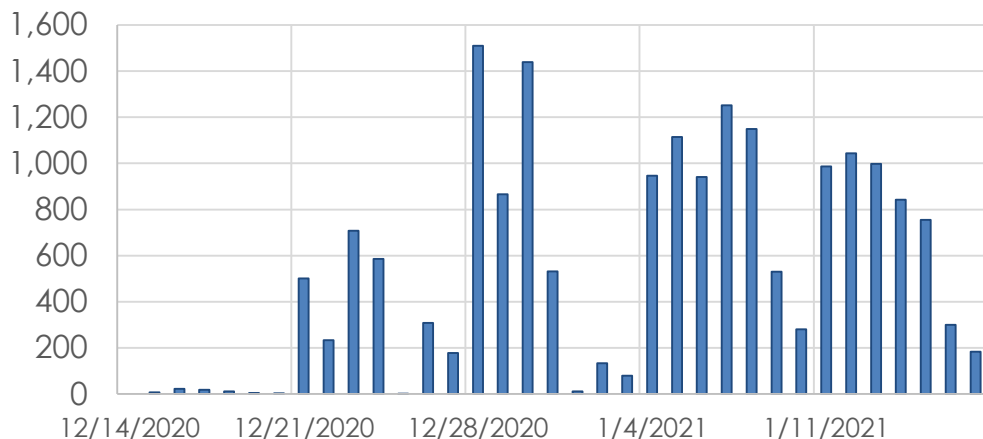
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Ohio Vaccination Progress



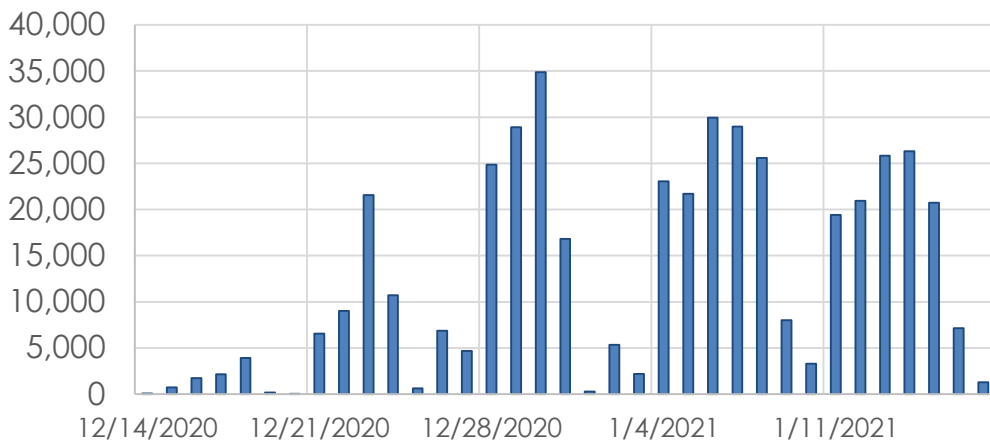
Dayton/Montgomery County



Dayton/Montgomery County (531,687)

Vaccines Started	18,480
Vaccines Completed	0
Started Percentage	3.48%
Completed Percentage	0.00%

State of Ohio

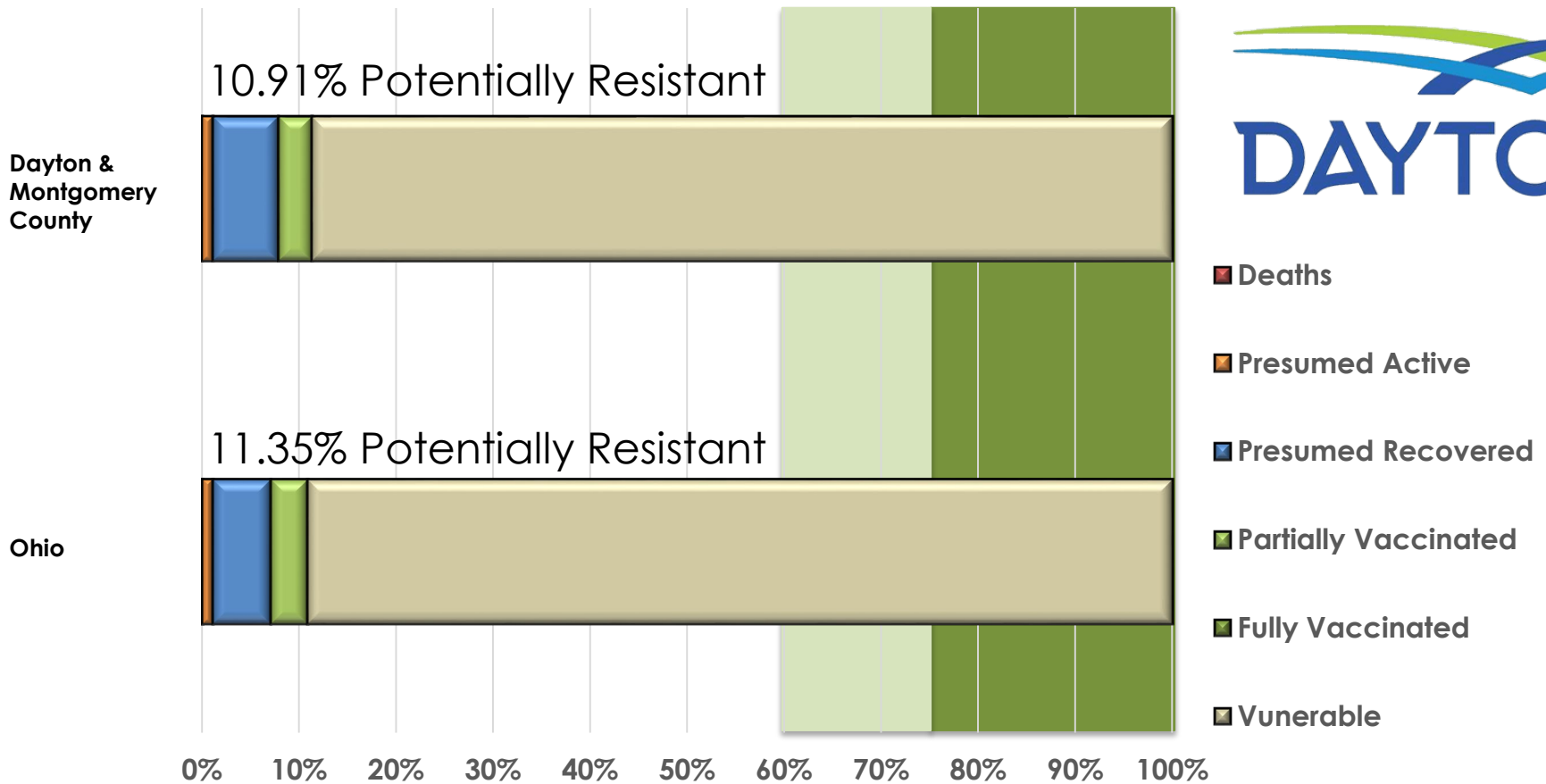


State of Ohio (11,689,100)

Vaccines Started	444,406
Vaccines Completed	0
Started Percentage	3.80%
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.



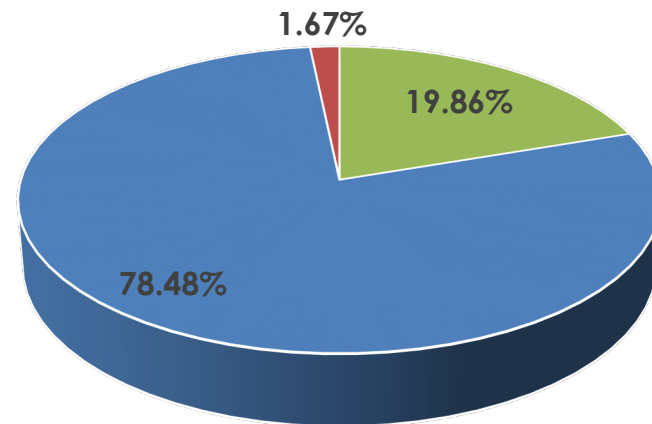
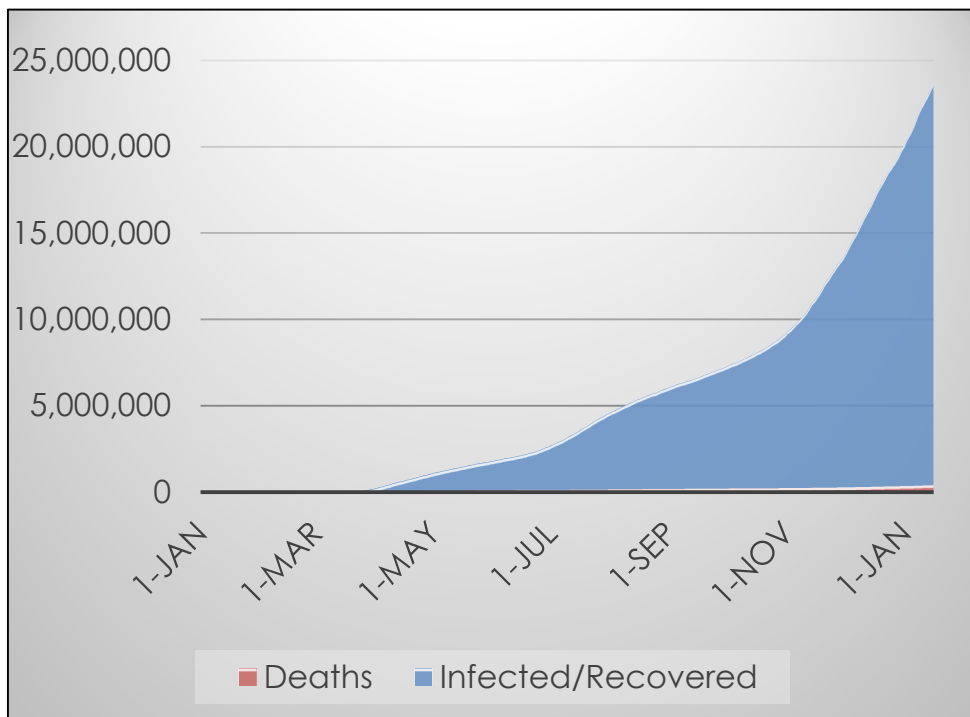
The United States (pop. 328,239,523)



Data at a Glance

Confirmed Cases:	23,653,919	
Case Incidence:	7.21%	
Presumed Recovered:	18,562,659	78.48%
Presumed Active:	4,696,765	19.86%
Presumed Active Prevalence:	1.43%	
Deaths:	394,495	1.67%
Highest Daily Growth:	314,093	1/8/2021
Highest Daily Deaths:	4,180*	1/7/2021

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



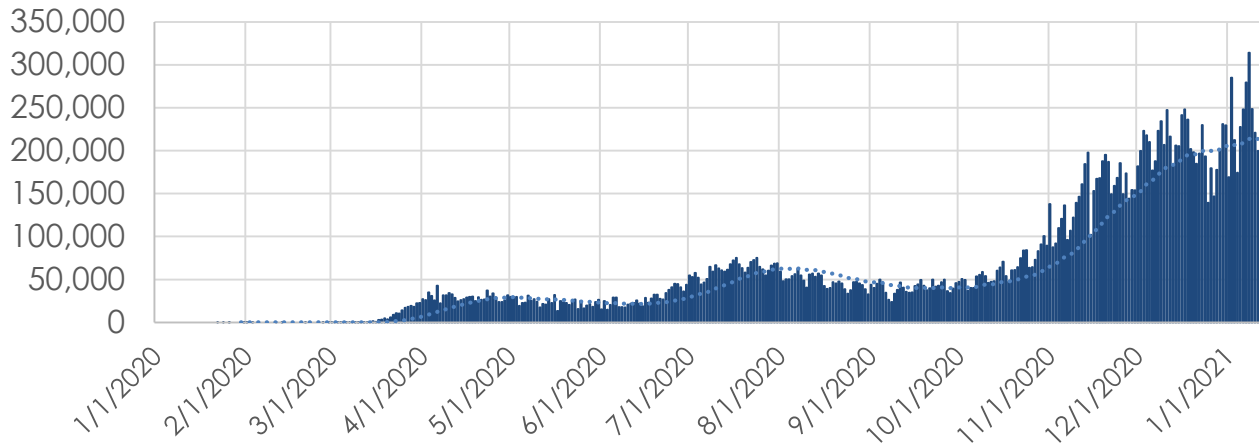
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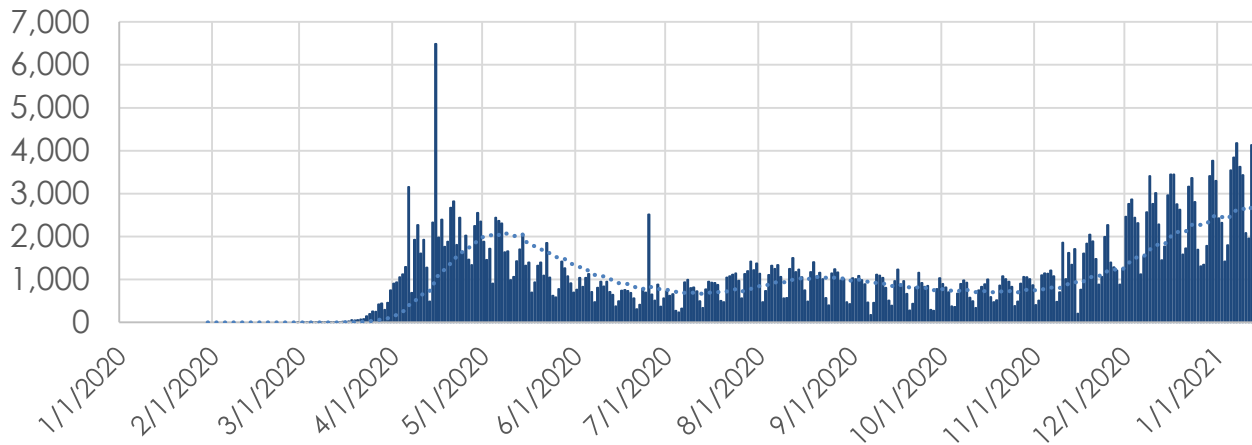
The United States



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.

