DAYTON

DAYTON FIRE DEPARTMENT

COVID-19

Weekly Operational Update

Numbers Thru

14-March-2021

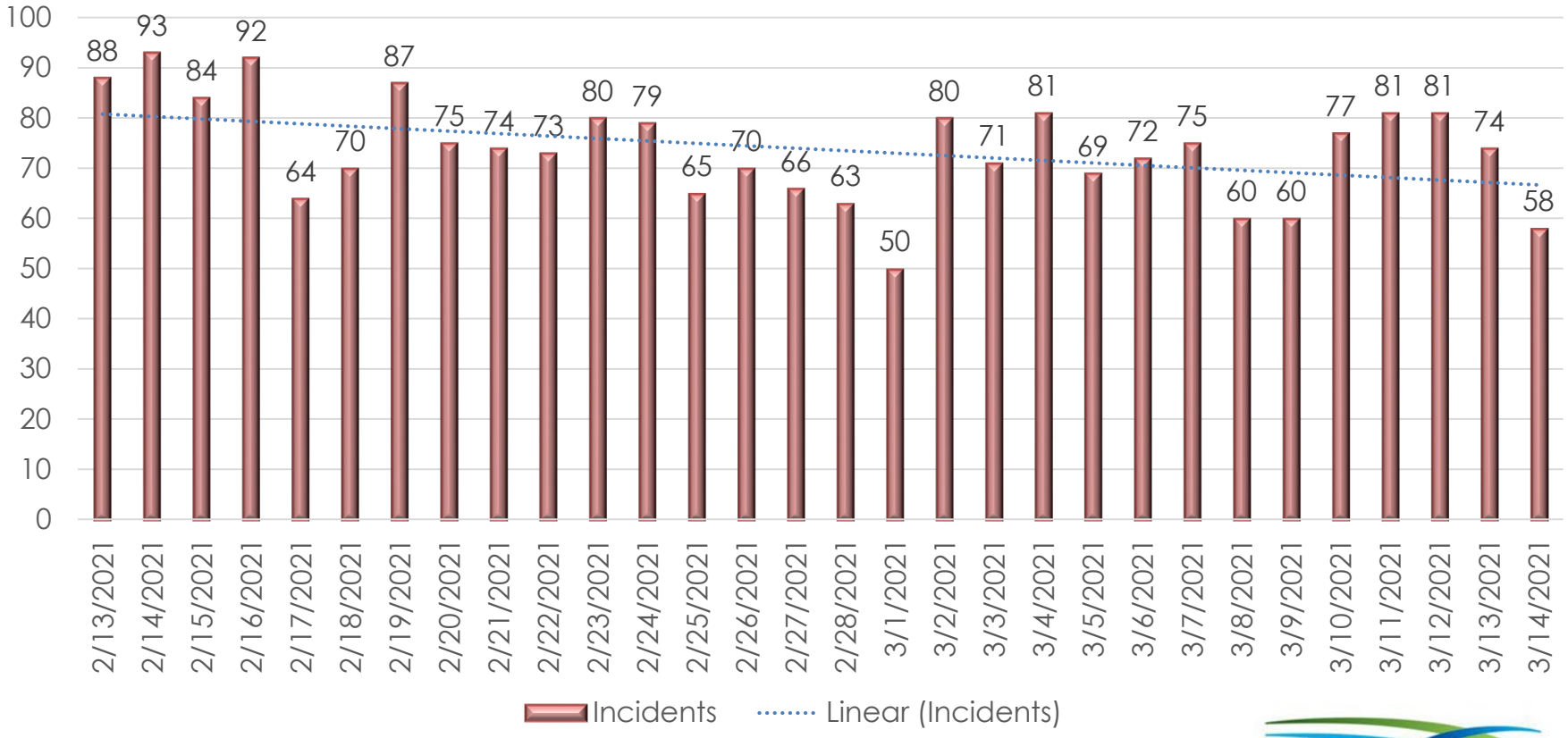
Updated: 14-Mar

Daily EMS Unit Utilization – Last 30 Days

30-Day Average = 73.73 (EMS Only)

March 2020 Average = 73.48

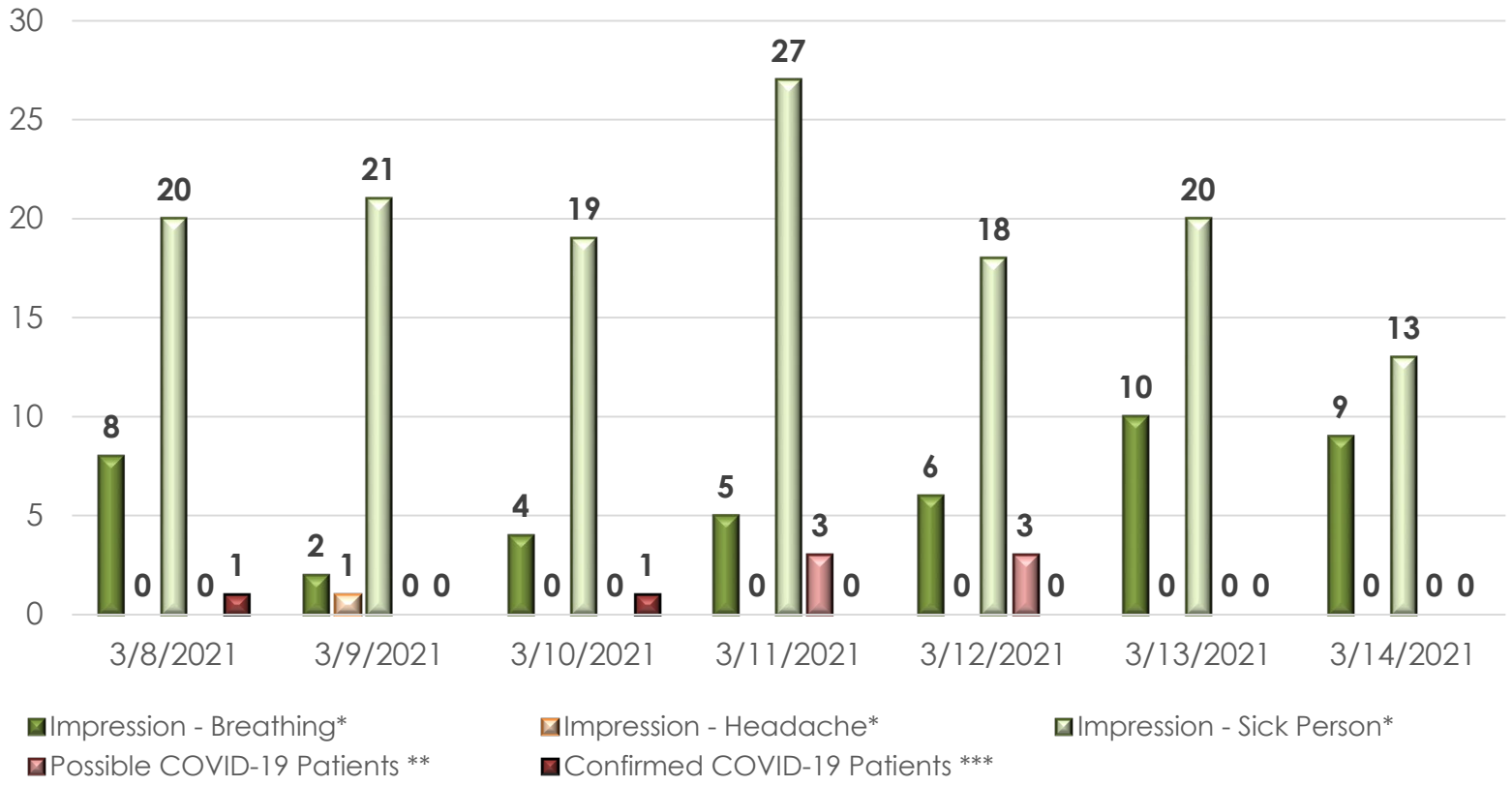
2020 Overall Average = 79.39



DAYTON

Updated: 14-Mar

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)

2 **

CUMULATIVE (Since 1/1/20)

625

* 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

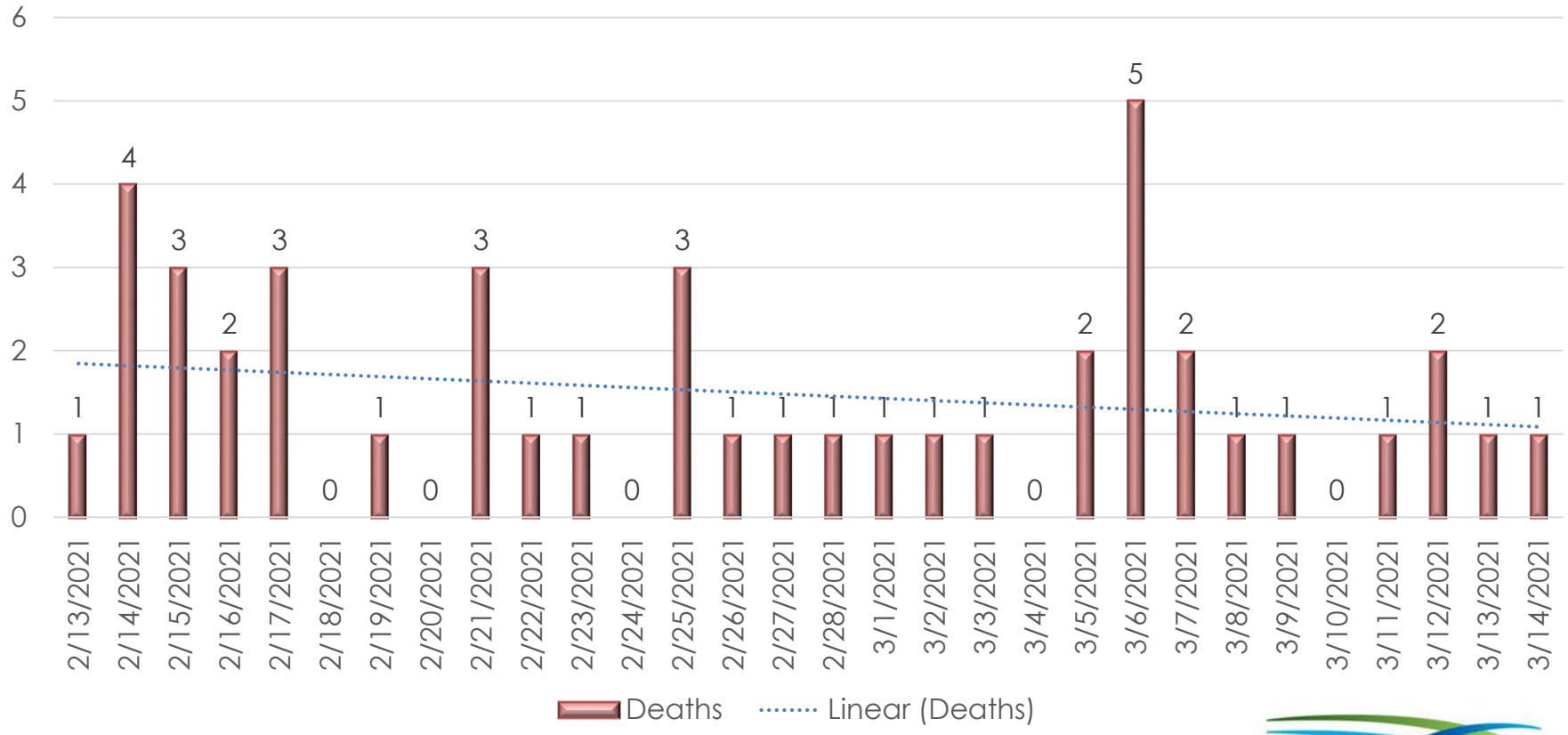
Updated: 14-Mar

Non-Transported Dead On Scene

30-Day, Daily Average = 1.47/day

March 2020 Average = 1.84/day

2020 Overall Average = 1.58/day



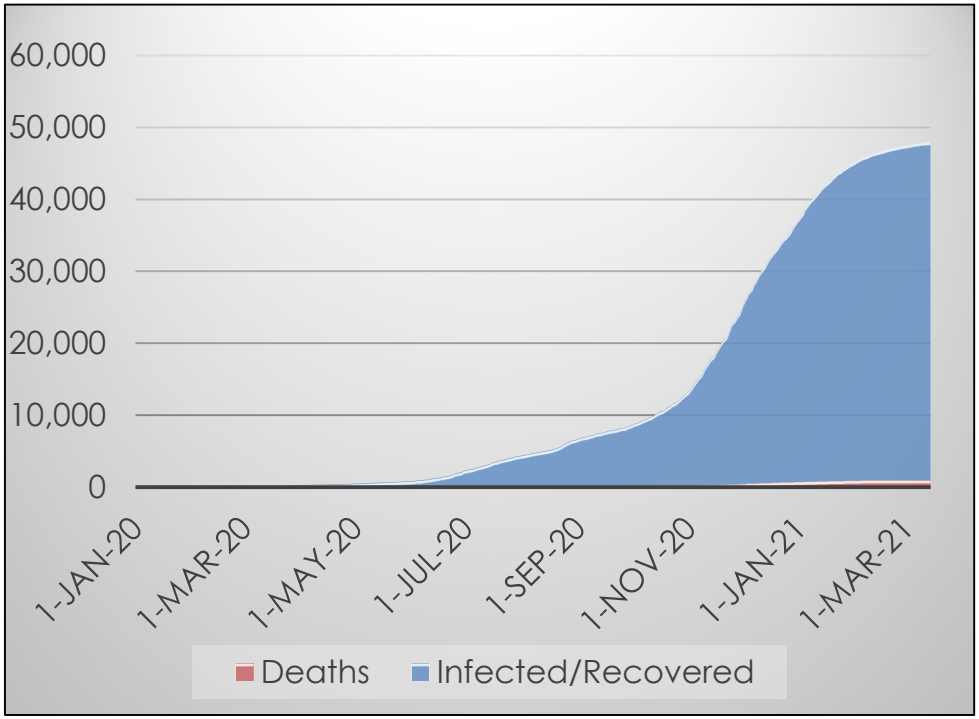
DAYTON

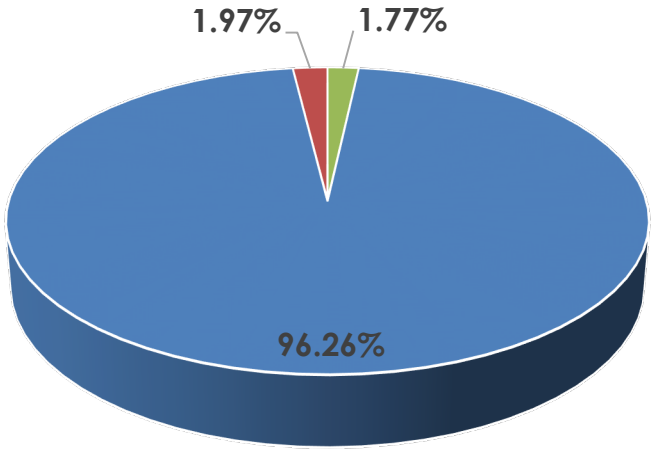
Updated: 14-Mar

Dayton/Montgomery County (pop. 531,687)

Data at a Glance

Confirmed Cases:	47,834	
Case Incidence:	9.00%	
Presumed Recovered:	46,047	96.26%
Presumed Active:	846	1.77%
Presumed Active Prevalence:	0.16%	
Deaths:	941	1.97%
Highest Daily Growth:	684	11/24/2020 & 11/30/2020
Highest Daily Death:	18	11/29/2020

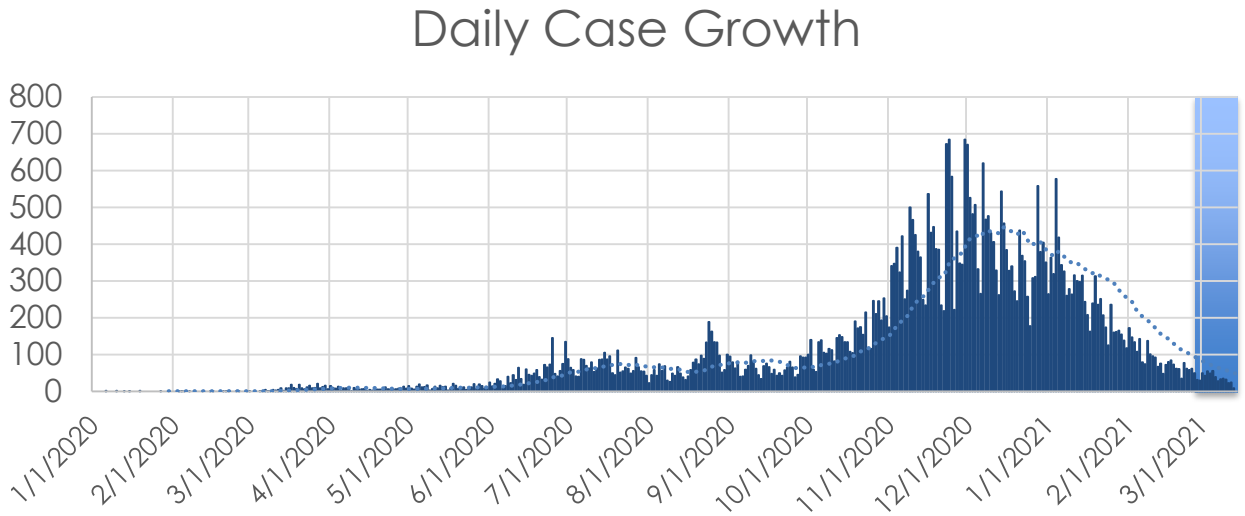


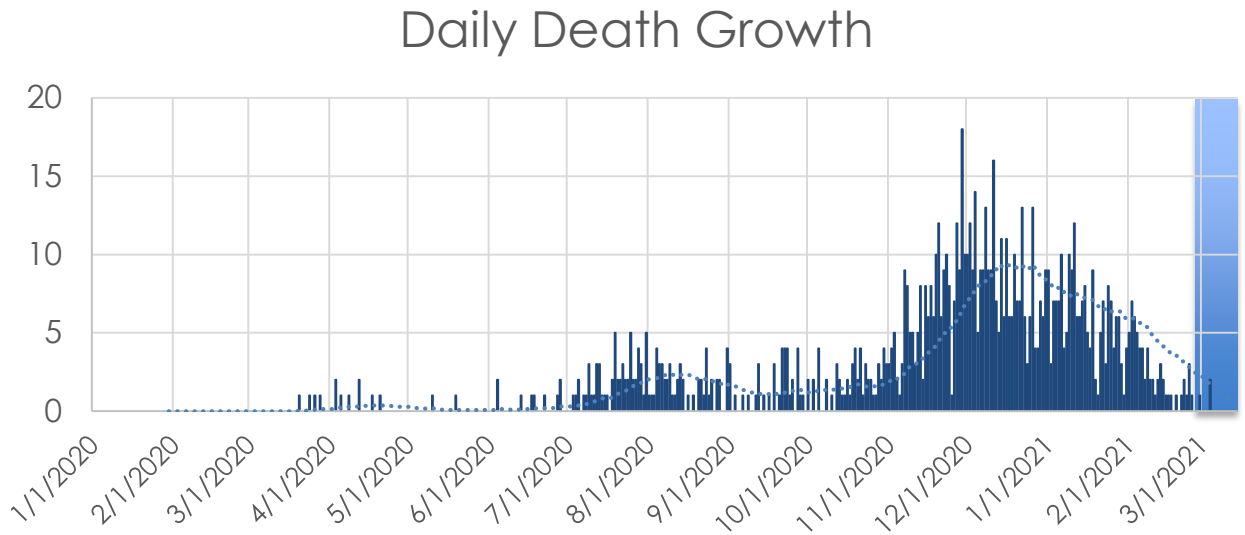


Source: Ohio Department of Health

Updated: 14-Mar

Dayton/Montgomery County



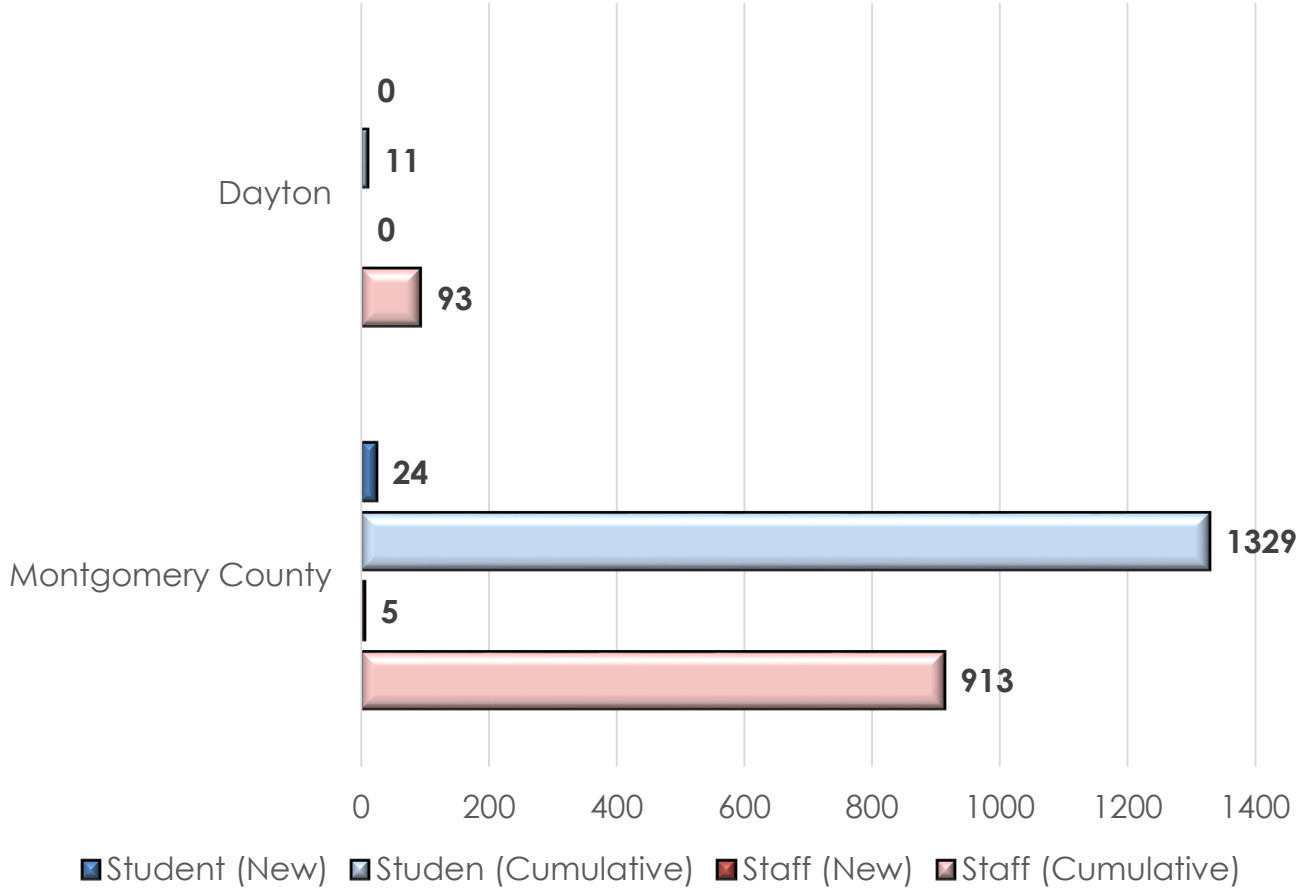


Areas in blue represent preliminary data due to reporting lag and should not be considered final.

Source: Ohio Department of Health

Updated: 14-Mar

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.

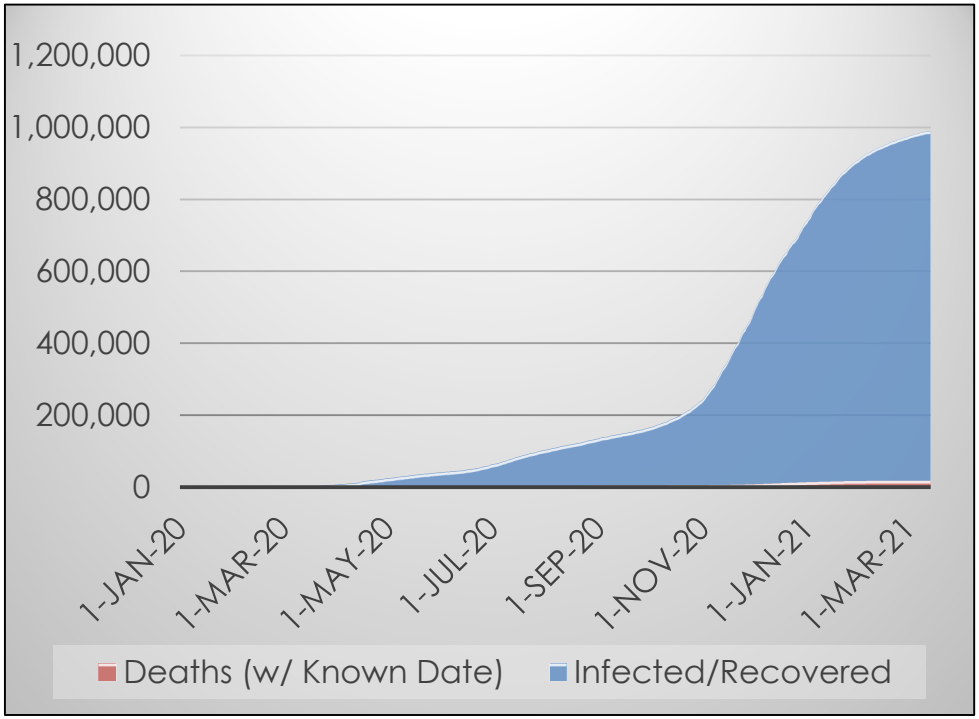
Source: Ohio Department of Health

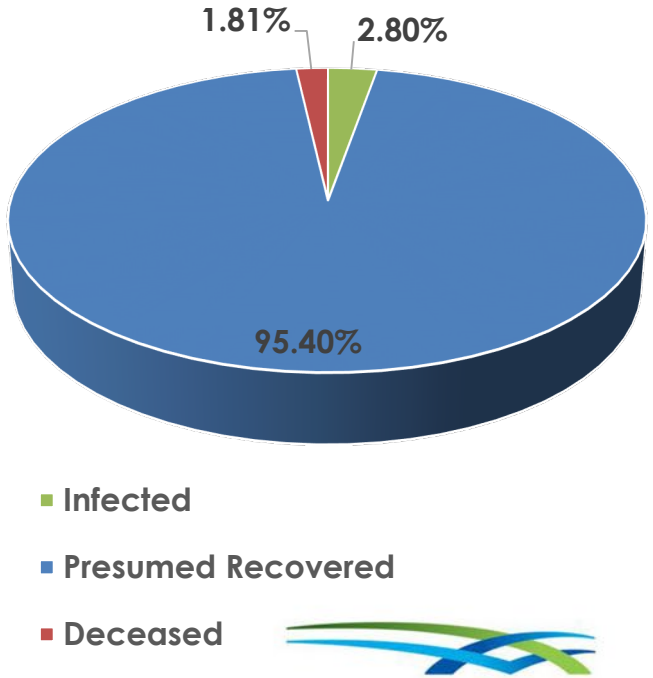
Updated: 14-Mar

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

Data at a Glance

Confirmed Cases:	989,191	
Case Incidence:	8.46%	
Presumed Recovered:	943,668	95.40%
Presumed Active:	27,652	2.80%
Presumed Active Prevalence:	0.24%	
Deaths:	17,871	1.81%
Highest Daily Growth:	13,448	11/30/2020
Highest Daily Deaths:	206	12/16/2020

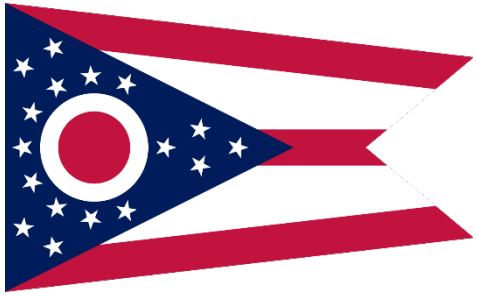




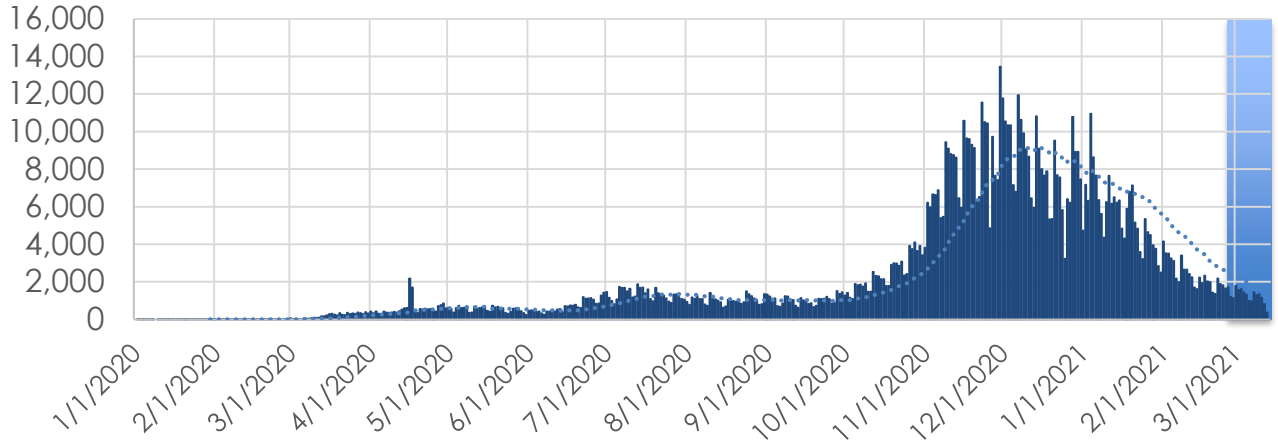
Source: Ohio Department of Health

Updated: 14-Mar

State of Ohio

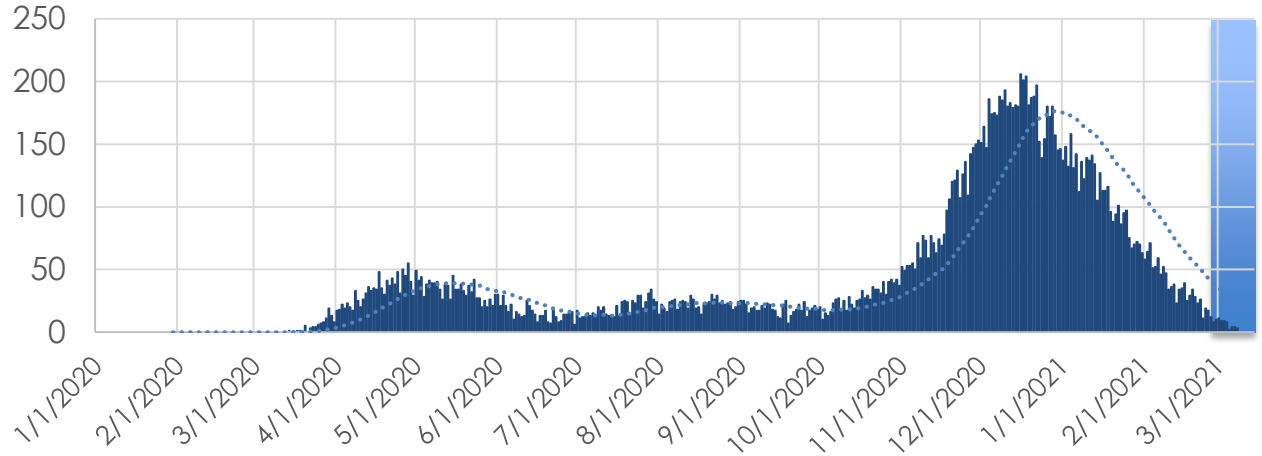


Daily Case Growth



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



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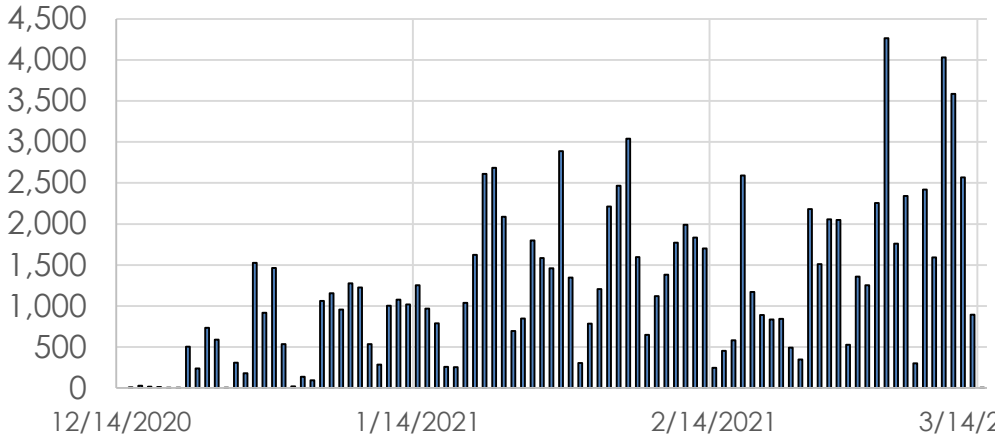
DAYTON

Source: Ohio Department of Health

Updated: 14-Mar

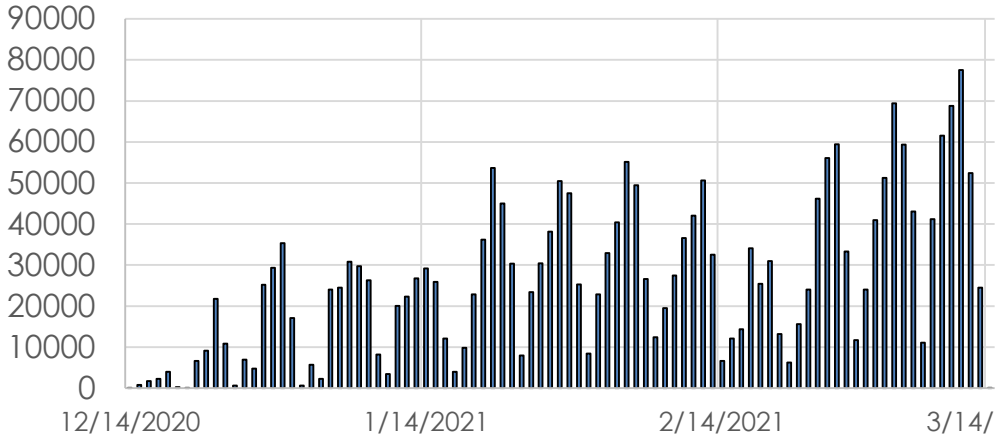
Ohio Vaccination Progress

Dayton/Montgomery County



Dayton/Montgomery County	
Vaccines Started	108,622
Vaccines Completed	63,447
Started Percentage	20.43%
Completed Percentage	11.93%

State of Ohio

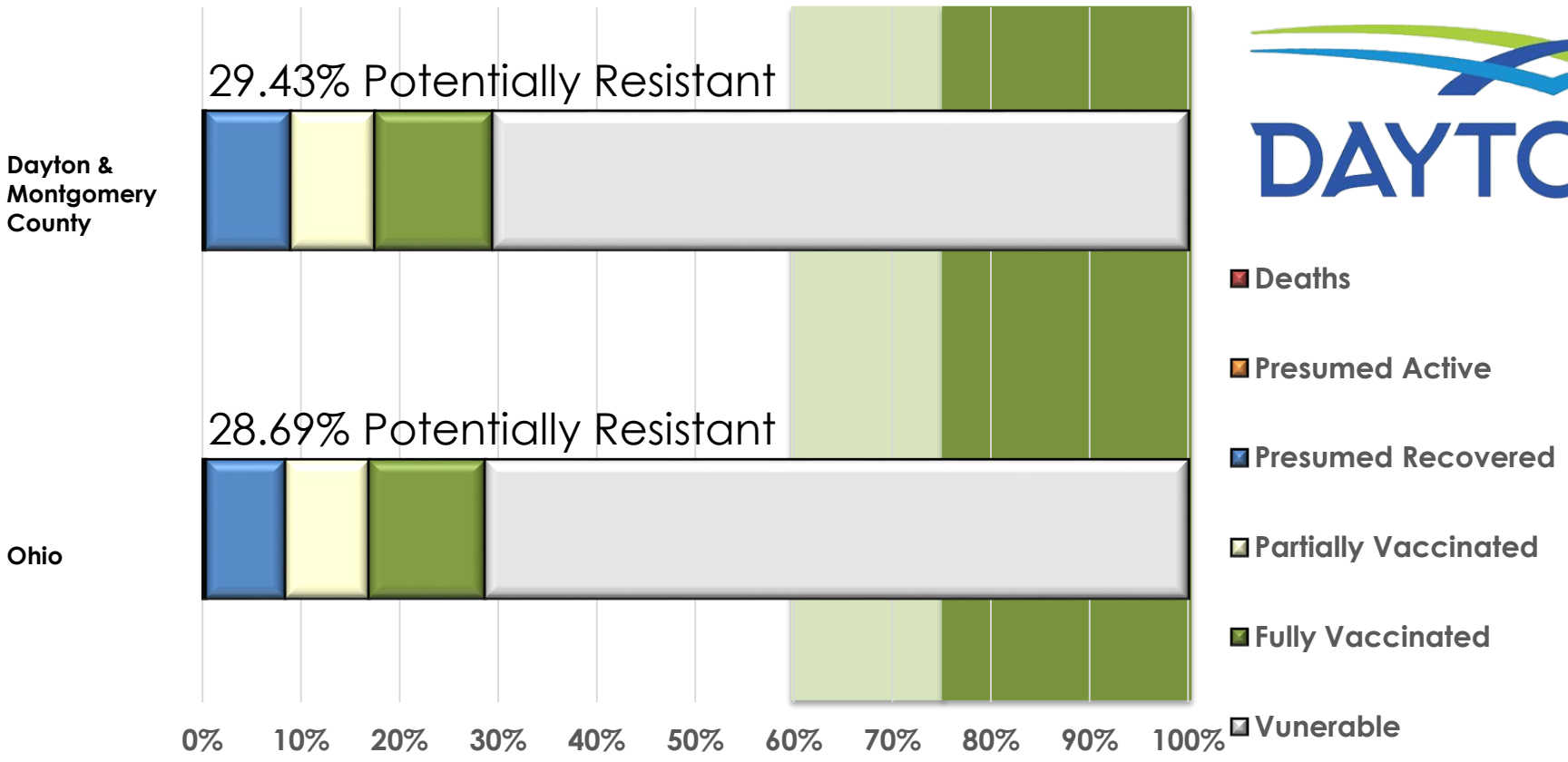


State of Ohio	
Vaccines Started	2,364,861
Vaccines Completed	1,376,854
Started Percentage	20.23%
Completed Percentage	11.78%

Source: Ohio Department of Health

Updated: 14-Mar

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.

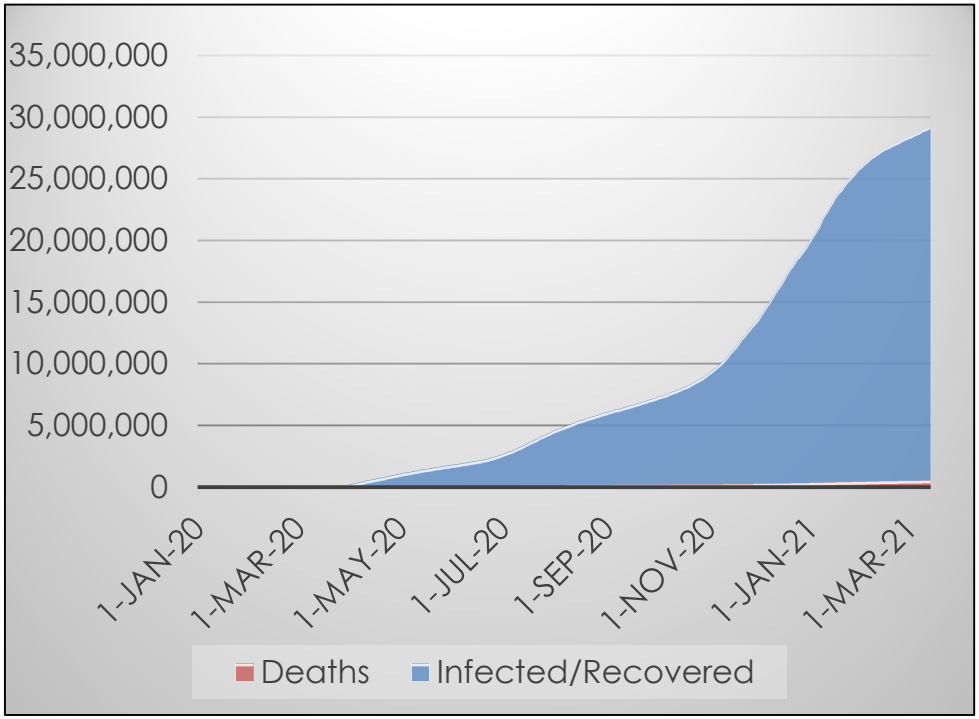
Updated: 14-Mar

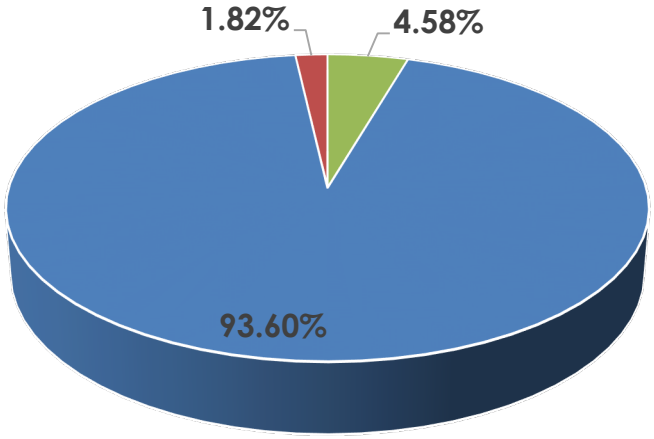
The United States (pop. 328,239,523)

Data at a Glance

Confirmed Cases:	29,229,162	
Case Incidence:	8.90%	
Presumed Recovered:	27,357,985	93.60%
Presumed Active:	1,339,411	4.58%
Presumed Active Prevalence:	0.41%	
Deaths:	531,766	1.82%
Highest Daily Growth:	314,180	1/8/2021
Highest Daily Deaths:	5,501*	2/12/2021

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



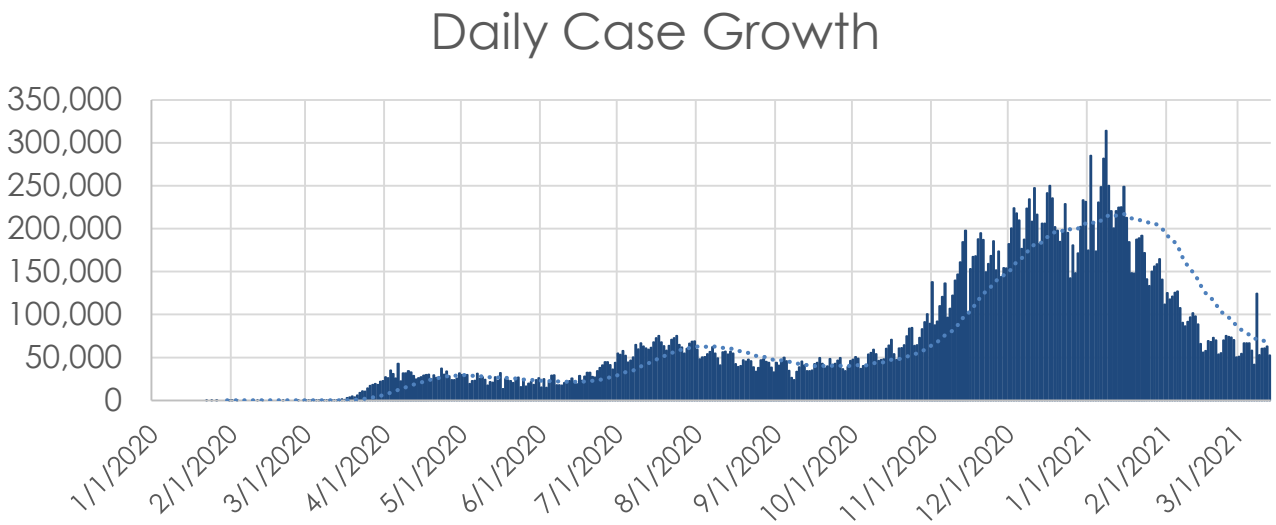


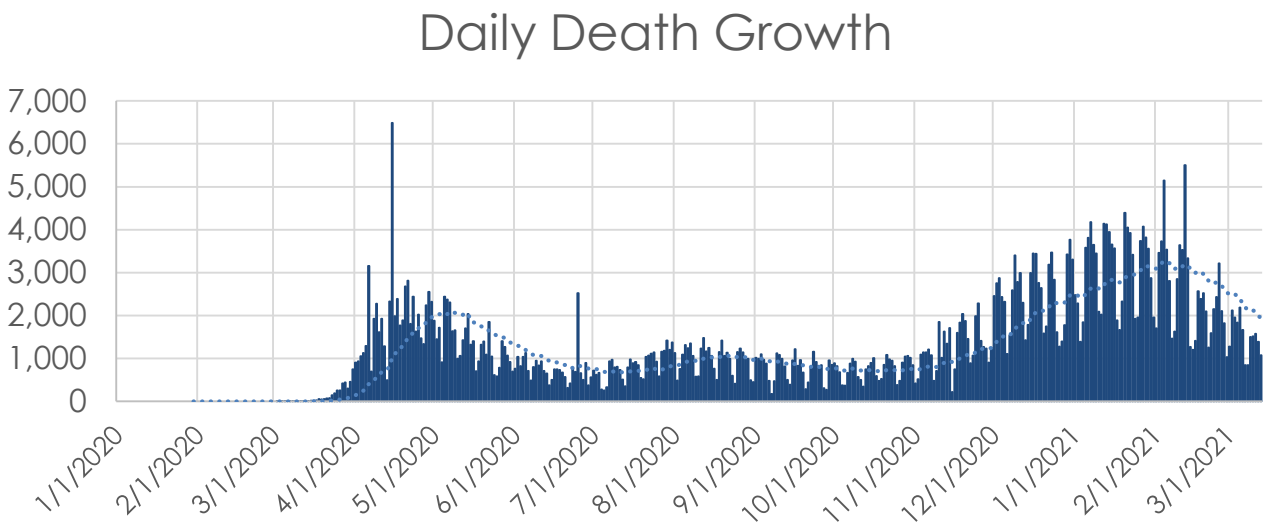
Source: U.S. Centers for Disease Control

DAYTON

Updated: 14-Mar

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