Public Health
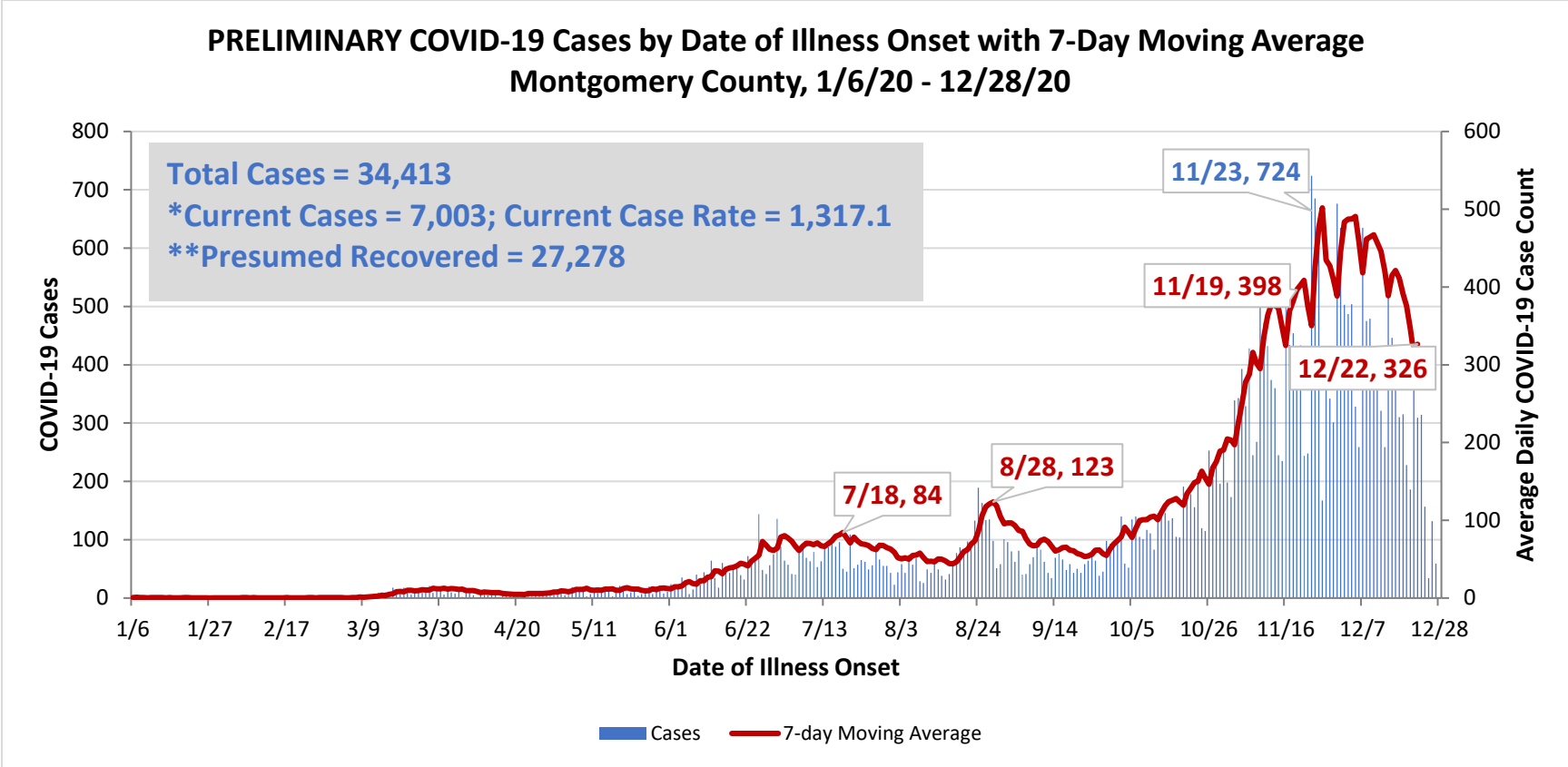Prevent. Promote. Protect.
Dayton & Montgomery County

Montgomery County COVID-19 Cases As of 12/28/20

Sources: The State of Ohio COVID-19 Dashboard; Ohio Disease Reporting System, Ohio Department of Health

PRELIMINARY COVID-19 Cases by Date of Illness Onset with 7-Day Moving Average
Montgomery County, 1/6/20 - 12/28/20

Total Cases = 34,413
*Current Cases = 7,003; Current Case Rate = 1,317.1
**Presumed Recovered = 27,278

11/23, 724
11/19, 398
12/22, 326
8/28, 123
7/18, 84

*Current Cases – cases with symptom onset in the past 21 days; Current Case Rate – current cases per 100,000.

**Presumed Recovered - cases with a symptom onset date >21 days prior who are not deceased

Key Points:

- Montgomery County's average daily COVID-19 case count was the second highest it has been on 12/5/20 (491 cases per day).
- The highest incidence in reported COVID-19 cases occurred on 11/23/20 (724 cases).
- **The current case decreased 15% compared to last week (from 1,553 to 1317 cases per 100,000).**

12/28/2020

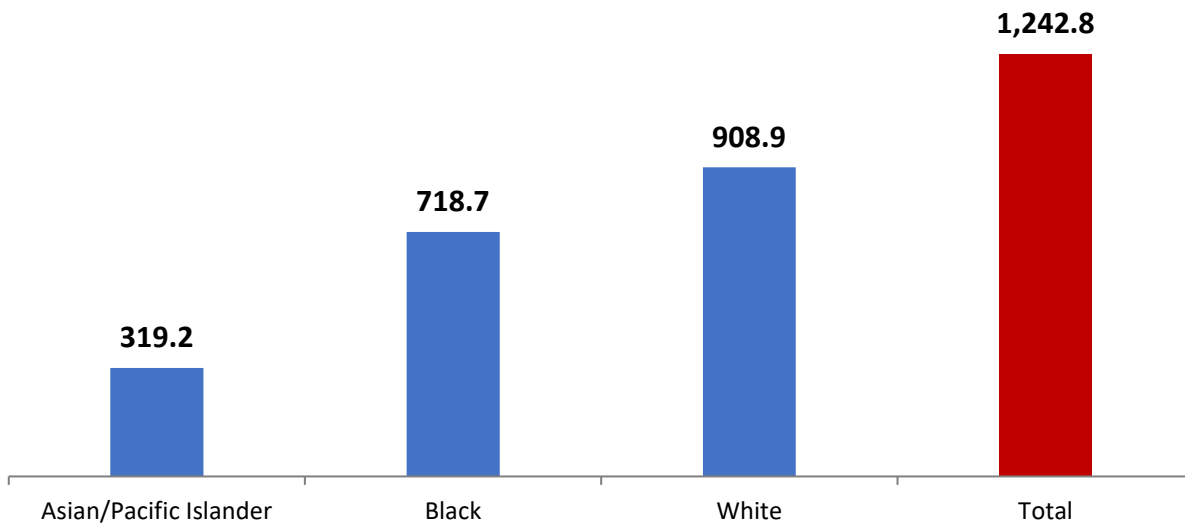**Montgomery County COVID-19 Outbreak and School Data:**

- Montgomery County currently has 110 COVID-19 outbreak investigations open at various long-term care facilities, businesses, and schools.
- Twenty (20) outbreak investigations have opened in the past three weeks – 10 (50%) long-term care facilities, 3 (30%) schools, 2 (10%) healthcare/treatment facilities, 2 (20%) homeless shelters, 1 (5%) fire department, 1 (5%) correctional institution, 1 (5%) business, and 1 (5%) court.
- **The current case rate decreased 16% from last week (from 1,487 to 1,243 cases per 100,000).**
- Montgomery County has a total of 1,349 cases associated with schools (764 students, 585 staff). Of the 1,349 cases, 12% (158 cases – 102 students, 56 staff) were reported in the past week – **a 78% increase in reported cases compared to last week.**

Note. All rates are per 100,000 population.

Montgomery County COVID-19 Cases by Race As of 12/27/20				
Race	Total Cases	Case Rate	Current Cases*	Current Case Rate*
Asian/Pacific Islander	325	2,305.3	45	319.2
Black	6,125	5,065.8	869	718.7
White	18,358	4,653.0	3,586	908.9
Other	2,140	NA	522	NA
Unknown	7,015	NA	1,586	NA
Total	33,963	6,387.8	6,608	1,242.8

*Current Cases – cases with symptom onset in the past 21 days. Current Case Rate – current cases per 100,000

Current COVID-19 Case Rate by Race As of 12/27/20

Key Points:

- Whites have the highest current case rate (908.9) and the highest number of current cases (3,586 cases).
- Blacks have the highest overall case rate (5,065.8).
- Race is unknown for 21% of total cases and 24% of current cases.

12/28/2020

Montgomery County COVID-19 Cases Age Range As of 12/27/20	
Stat	**Age in Years**
Age Range	<1 - 104
Average Age	43.7
Median Age	42.0

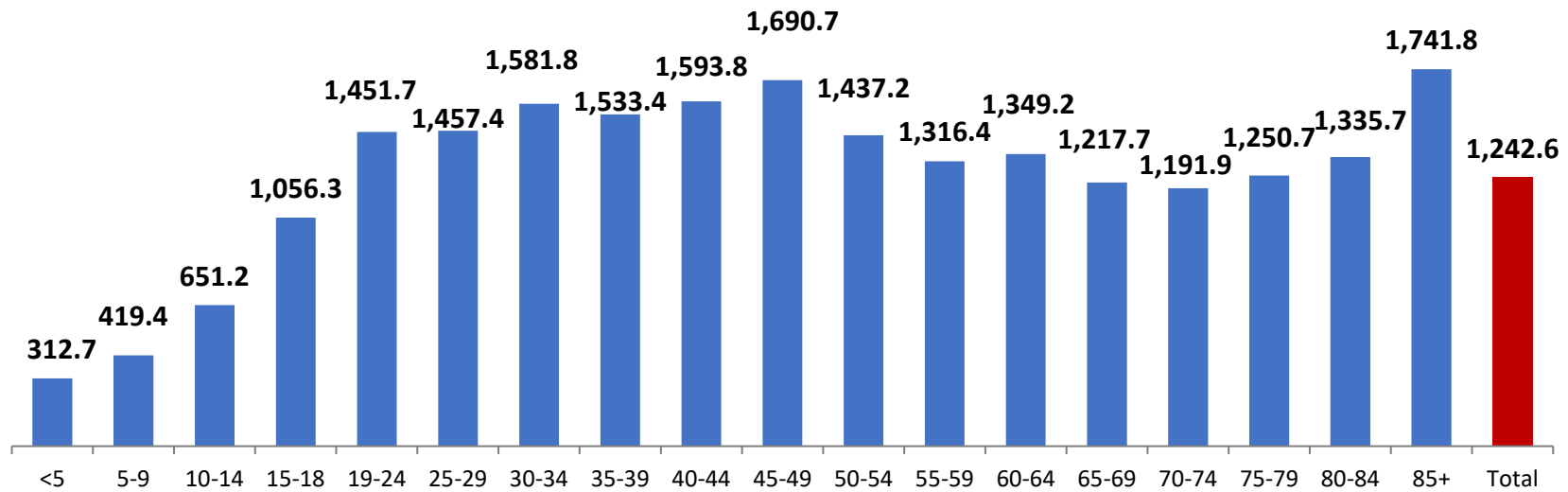| Montgomery County COVID-19 Cases by Age Group As of 12/27/20				
Age Group	**Total Cases**	**Total Case Rate**	**Current Cases***	**Current Case Rate***
<5	508	1,557.2	102	312.7
5-9	632	1,963.3	135	419.4
10-14	907	2,826.1	209	651.2
15-18	1,703	6,447.6	279	1,056.3
19-24	4,064	9,655.5	611	1,451.7
25-29	2,778	7,242.9	559	1,457.4
30-34	2,685	7,680.0	553	1,581.8
35-39	2,431	7,530.7	495	1,533.4
40-44	2,273	7,909.7	458	1,593.8
45-49	2,329	7,601.4	518	1,690.7
50-54	2,531	7,839.6	464	1,437.2
55-59	2,490	6,872.0	477	1,316.4
60-64	2,255	6,378.5	477	1,349.2
65-69	1,790	5,923.0	368	1,217.7
70-74	1,556	6,308.3	294	1,191.9
75-79	1,053	6,125.7	215	1,250.7
80-84	805	6,720.1	160	1,335.7
85+	1,166	8,716.5	233	1,741.8
Total	**33,956**	**6,386.5**	**6,607**	**1,242.6**

*Current Cases – cases with symptom onset in the past 21 days. Current Case Rate – current cases per 100,000.

Montgomery County COVID-19 Hospitalizations and Deaths by Age Group As of 12/28/20				
Age Group	**Hospitalizations**	**% of Hospitalizations**	**Deaths**	**% of Deaths**
0-19	57	2%	1	0%
20-29	129	4%	2	1%
30-39	198	7%	4	1%
40-49	229	8%	11	3%
50-59	427	14%	23	7%
60-69	614	21%	60	17%
70-79	702	24%	103	30%
80+	605	20%	145	42%
Total	**2,961**	**100%**	**349**	**100%**

12/28/2020

Key Points:

- The age group 85 years and older has the highest current case rate in Montgomery County (1,741.8), but the highest overall rate is among 19-24-year-olds (9,655.5).
- The highest number and percentage of hospitalizations occurred among 70-79-year-olds (702 hospitalizations; 24% of hospitalizations).
- Individuals 80 years and older account for less than 6% of total cases but 42% of total deaths due to COVID-19.

Current COVID-19 Case Rate by Age Group As of 12/27/20

Ohio and West Central Ohio Totals:

State of Ohio and West Central Ohio* (WCO) COVID-19 Totals, as of 12/28/20			
Location	Cases	Hospitalizations	Deaths
WCO Total	71,603	4,794	864
Ohio	675,044	37,076	8,571

*West Central Ohio Counties include – Clark, Champaign, Darke, Greene, Miami, Montgomery, Preble and Shelby.

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