

Monroe County COVID-19 Surveillance – Preliminary data as of October 7, 2020
Rochester Emerging Infections Program
Center for Community Health & Prevention, University of Rochester Medical Center

This is a preliminary report of COVID-19 cases, hospitalizations and deaths. These rates are preliminary as of 10/7/20 and are calculated by number of positive incident tests (at least 14 days apart), not by person.

Laboratory Confirmed COVID-19 Cases, Hospitalizations, ICU Admissions and Deaths

Age Group	Cases* (N)	Case Rates (per 100,000 persons)	Hospitalized (N)	Hospitalized (% of Total Cases)	ICU Admissions (N)	ICU Admissions (% of Hospitalized Cases)	Deaths (N)	Case Fatality Rate (%)
0 to 4 y	64	157.6	3	4.7	0	0.0	0	0.0
5 to 17 y	302	265.9	9	3.0	0	0.0	0	0.0
18 to 29 y	1585	1236.9	57	3.6	5	8.8	0	0.0
30 to 39 y	955	995.9	57	6.0	14	24.6	2	0.2
40 to 49 y	720	855.7	78	10.8	15	19.2	1	0.1
50 to 64 y	1279	841.2	237	18.5	70	29.5	16	1.3
65 to 74 y	592	813.6	223	37.7	74	33.2	47	7.9
75 to 84 y	453	1225.3	191	42.2	61	31.9	85	18.8
≥ 85 y	467	2549.1	146	31.3	19	13.0	145	31.0
Total	6417	864.3	1001	15.6	258	25.8	296	4.6

*cases may have more than 1 incident, positive test

Monroe County Data as of October 7, 2020 **Age-Adjusted Rates by Race, Ethnicity, and Sex**

Race / Ethnicity	Cases		Hospitalizations			ICU		Deaths			In-Hospital Deaths	
	Total to Date	Age-Adjusted Rate per 100,000 Population	Total to Date	Percent of Total Cases	Age-Adjusted Rate per 100,000 Population	Total to Date	Percent of Hospitalized Cases	Total to Date	Percent of Total Cases	Age-Adjusted Rate per 100,000 Population	Total to Date	Percent of Hospitalized Cases
White	3217	563.6	517	16.1%	78.3	121	23.4%	214	6.7%	28.9	98	19.0%
African American	1836	1741.5	328	17.9%	372.1	102	31.1%	50	2.7%	75.2	34	10.4%
Latinx	727	1313.4	100	13.8%	240.6	25	25.0%	19	2.6%	74.6	12	12.0%
Asian	182	694.2	21	11.5%	96.2	5	23.8%	5	2.7%	34.7	1	4.8%
Other	190	*	29	15.3%	*	4	13.8%	3	1.6%	*	2	6.9%
Unknown	265	*	6	2.3%	*	1	16.7%	5	1.9%	*	3	50.0%
Total	6417	841.8	1001	15.6%	142.8	258	25.8%	296	4.6%	40.8	150	15.0%

Sex*	Cases		Hospitalizations			ICU		Deaths			In-Hospital Deaths	
	Total to Date	Age-Adjusted Rate per 100,000 Population	Total to Date	Percent of Total Cases	Age-Adjusted Rate per 100,000 Population	Total to Date	Percent of Hospitalized Cases	Total to Date	Percent of Total Cases	Age-Adjusted Rate per 100,000 Population	Total to Date	Percent of Hospitalized Cases
Men	2568	715.6	483	18.8%	137.8	150	31.1%	131	5.1%	39.4	76	15.7%
Women	3846	963.1	518	13.5%	119.6	108	20.8%	165	4.3%	31.7	74	14.3%
Total	6414	843.6	1001	15.6%	128.4	258	25.8%	296	4.6%	35.4	150	15.0%

These data include age-adjusted rates, which allow us to make fairer comparisons among groups with different age distributions.

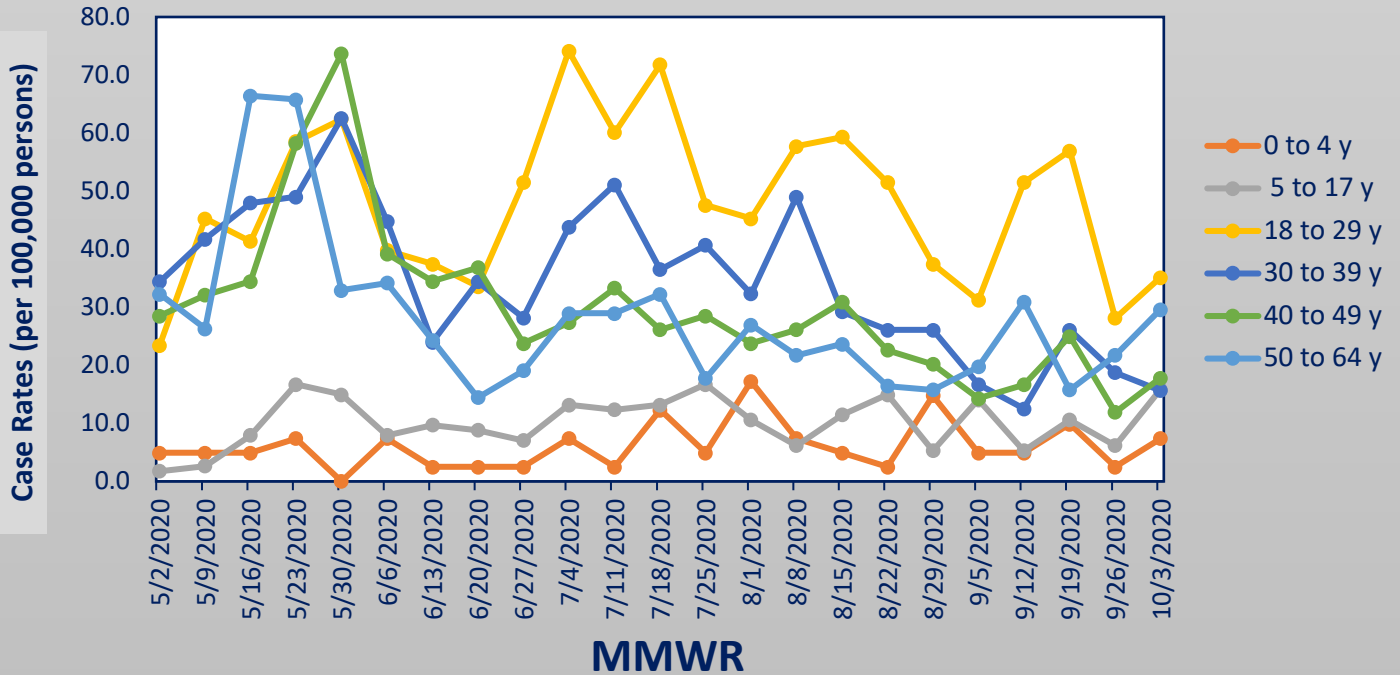
For example, a group having a higher percentage of older adults may have higher death or hospitalization rates because older adults are more likely to die or to be hospitalized.

*Note: Sex is missing for 3 cases.

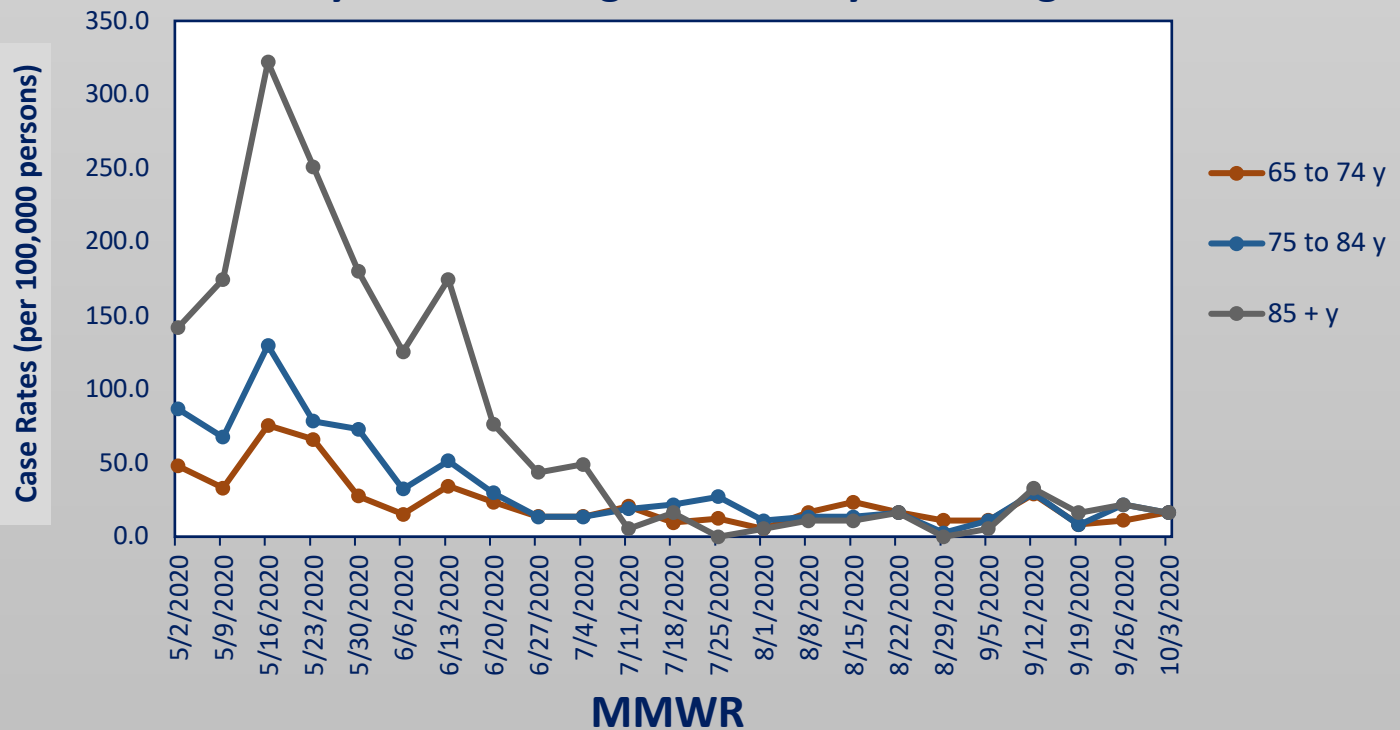
Rate estimates for small groups (those having fewer than 20 people) may be unstable and should be interpreted with caution.

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**COVID-19 Preliminary Case Rates
by Week among Cases < 65 years of age**

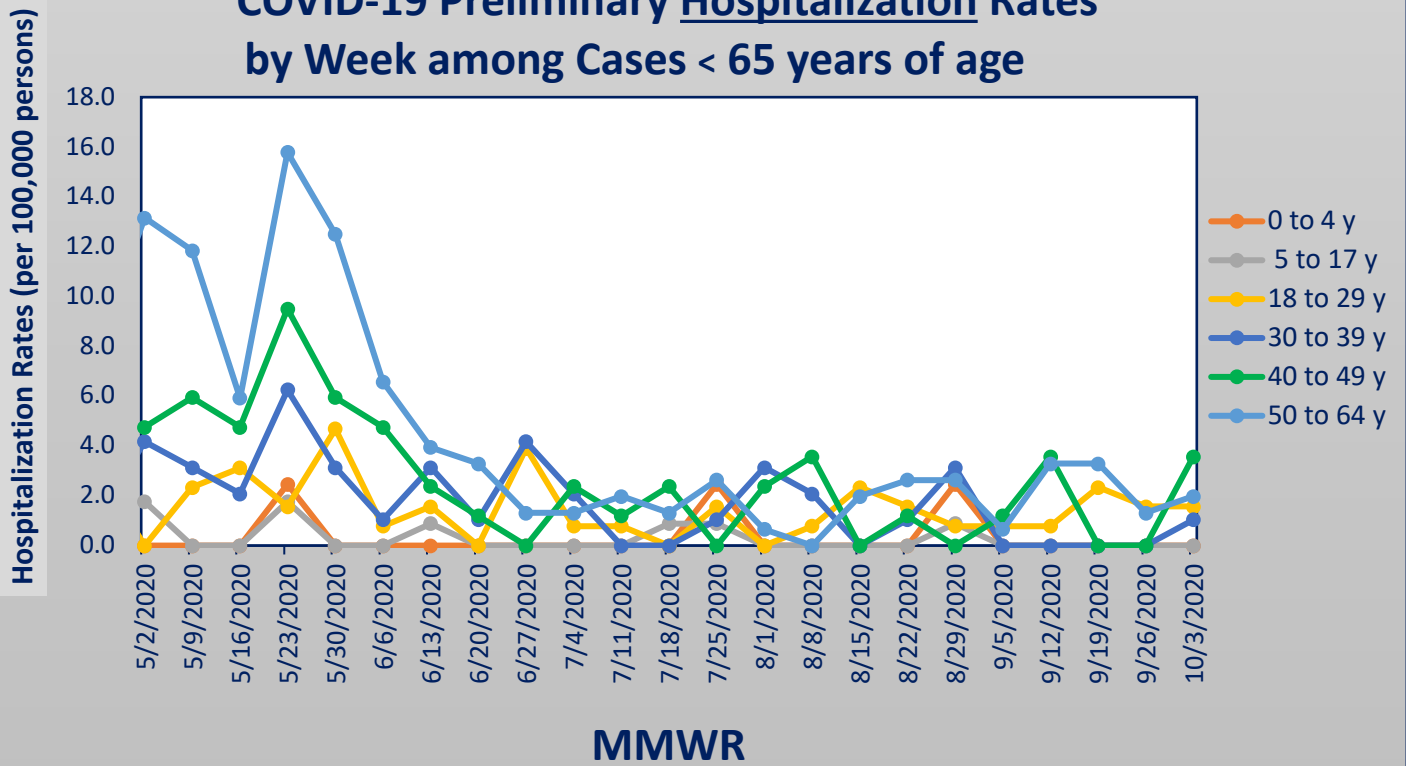


**COVID-19 Preliminary Case Rates
by Week among Cases ≥ 65 years of age**

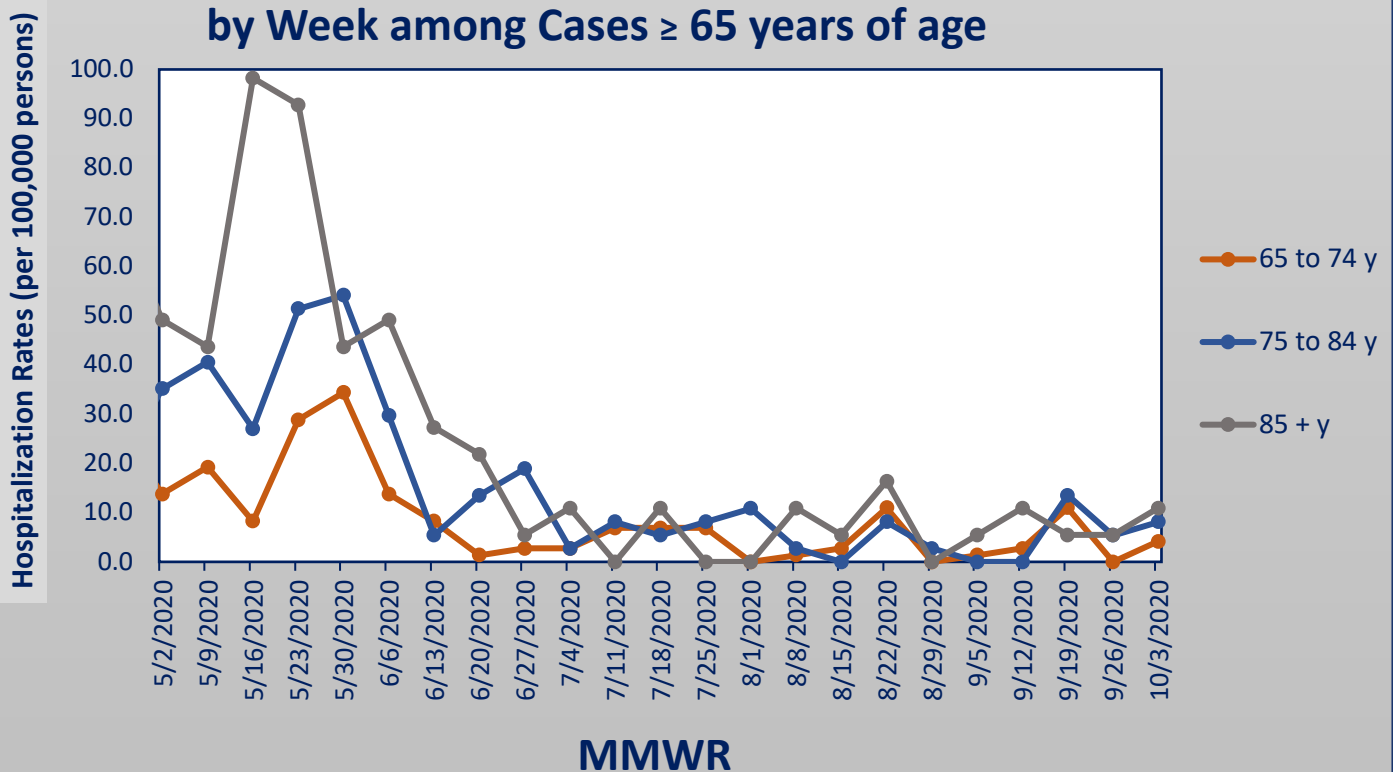


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**COVID-19 Preliminary Hospitalization Rates
by Week among Cases < 65 years of age**

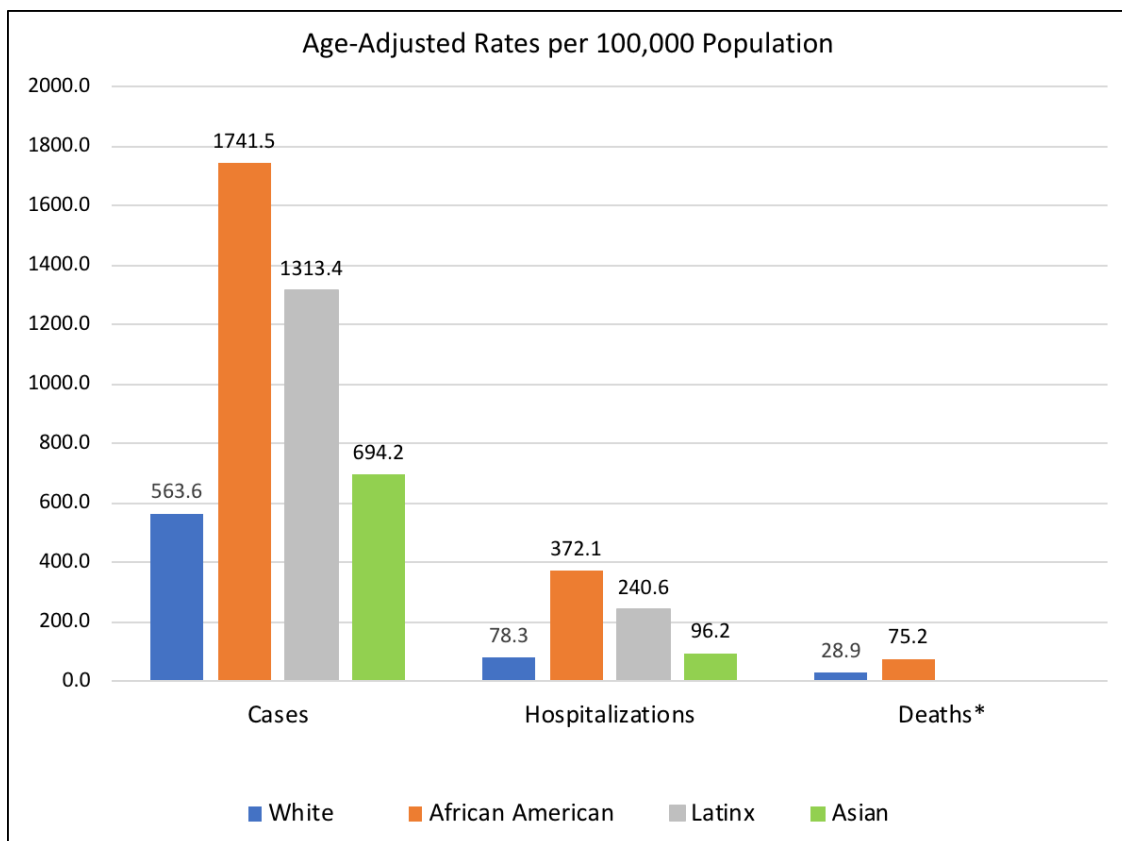
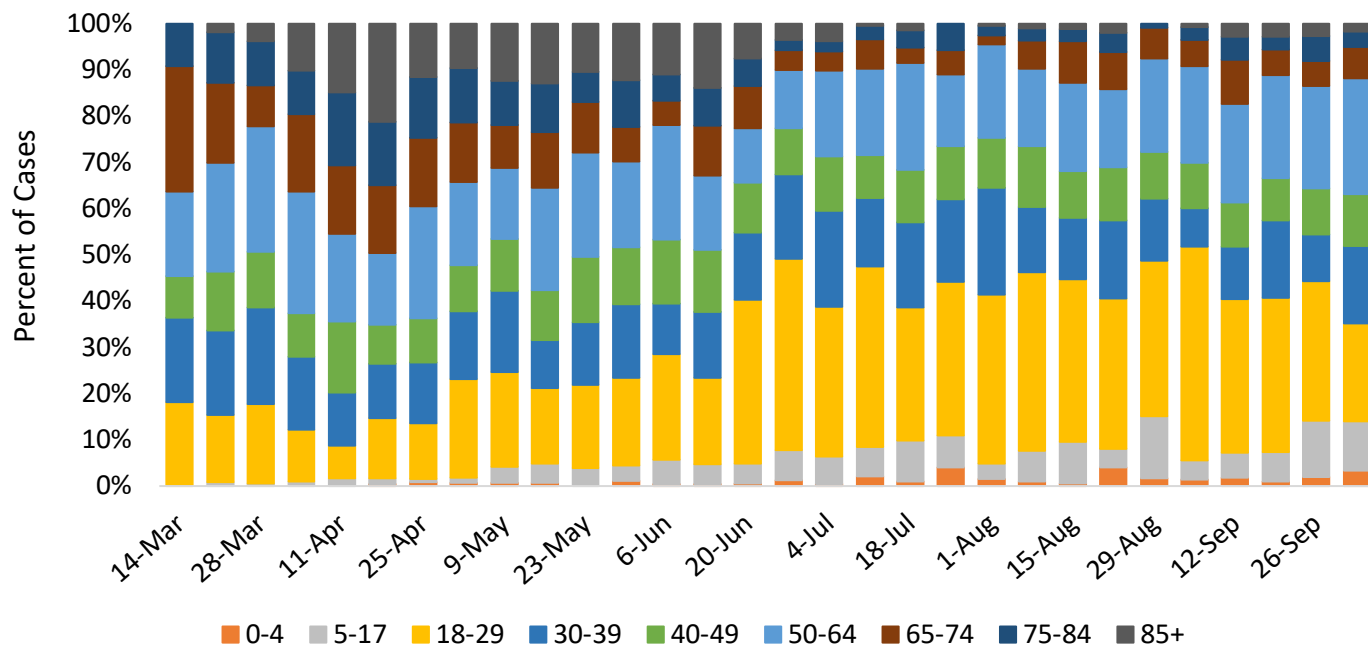


**COVID-19 Preliminary Hospitalization Rates
by Week among Cases ≥ 65 years of age**



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Percent of Total Cases for each Age Group by Week



*Rate estimates for groups having fewer than 20 people may be unstable; values for those groups are not shown in the chart above.