

COVID-19 Briefing
Governor's Press Conference
October 15, 2020

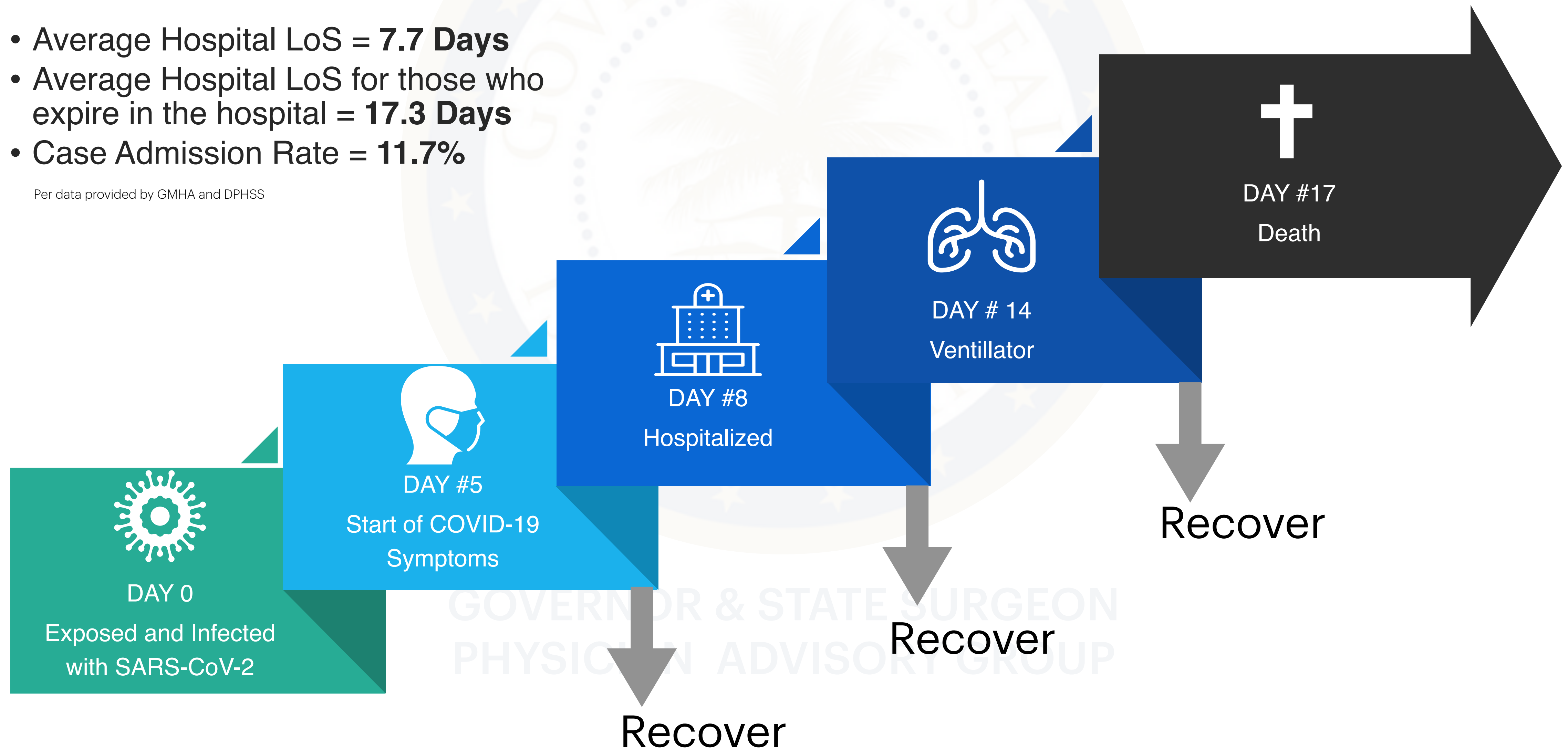
Prepared by: Felix T. Cabrera, MD, MT (ASCP)

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Review of the Average Severe Illness Course of COVID-19 on Guam

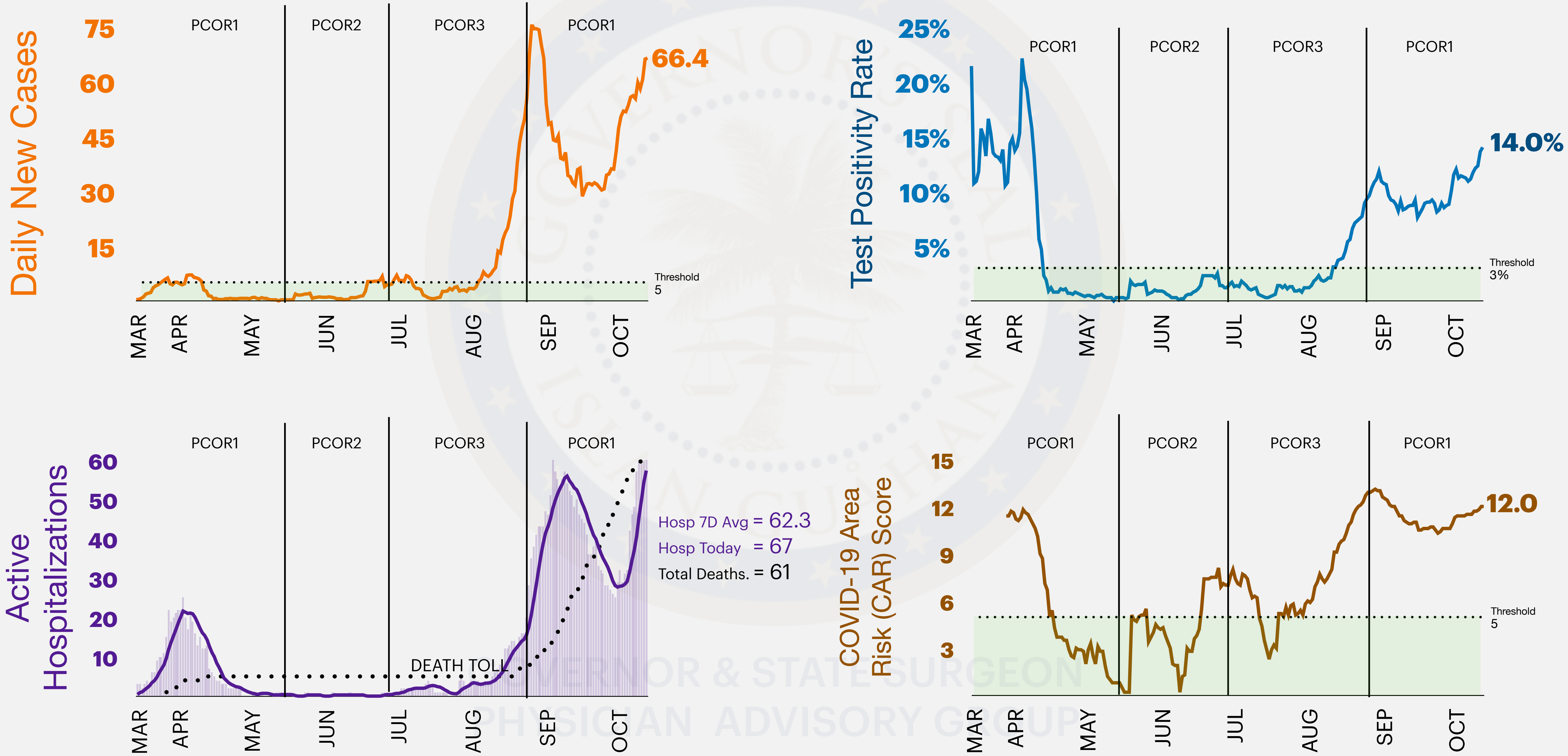
- Average Hospital LoS = **7.7 Days**
- Average Hospital LoS for those who expire in the hospital = **17.3 Days**
- Case Admission Rate = **11.7%**

Per data provided by GMHA and DPHSS



Overview of Guam's 7-Day Rolling Averages for COVID-19 Metrics

Per Data as of Oct 15, 2020 @0800



Hosp 7D Avg = 62.3
 Hosp Today = 67
 Total Deaths. = 61

CAR Score =

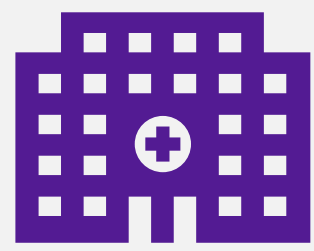
$$\text{LN} [(1 \div \text{Case Doubling Days}) \times (\text{Test Positivity Rate}) \times (\text{New Cases per 100K}) \times 10^6]$$



GMH

GRMC

Russell Ord's Double Up
2015 Nikon Surf Photo of
the Year Top 20 finalist.



Island-Wide Hospitalized COVID Census

Combines GMHA, GRMC and USNHG COVID Census

COVID-19 Hospitalized Census Oct 15 at 0800

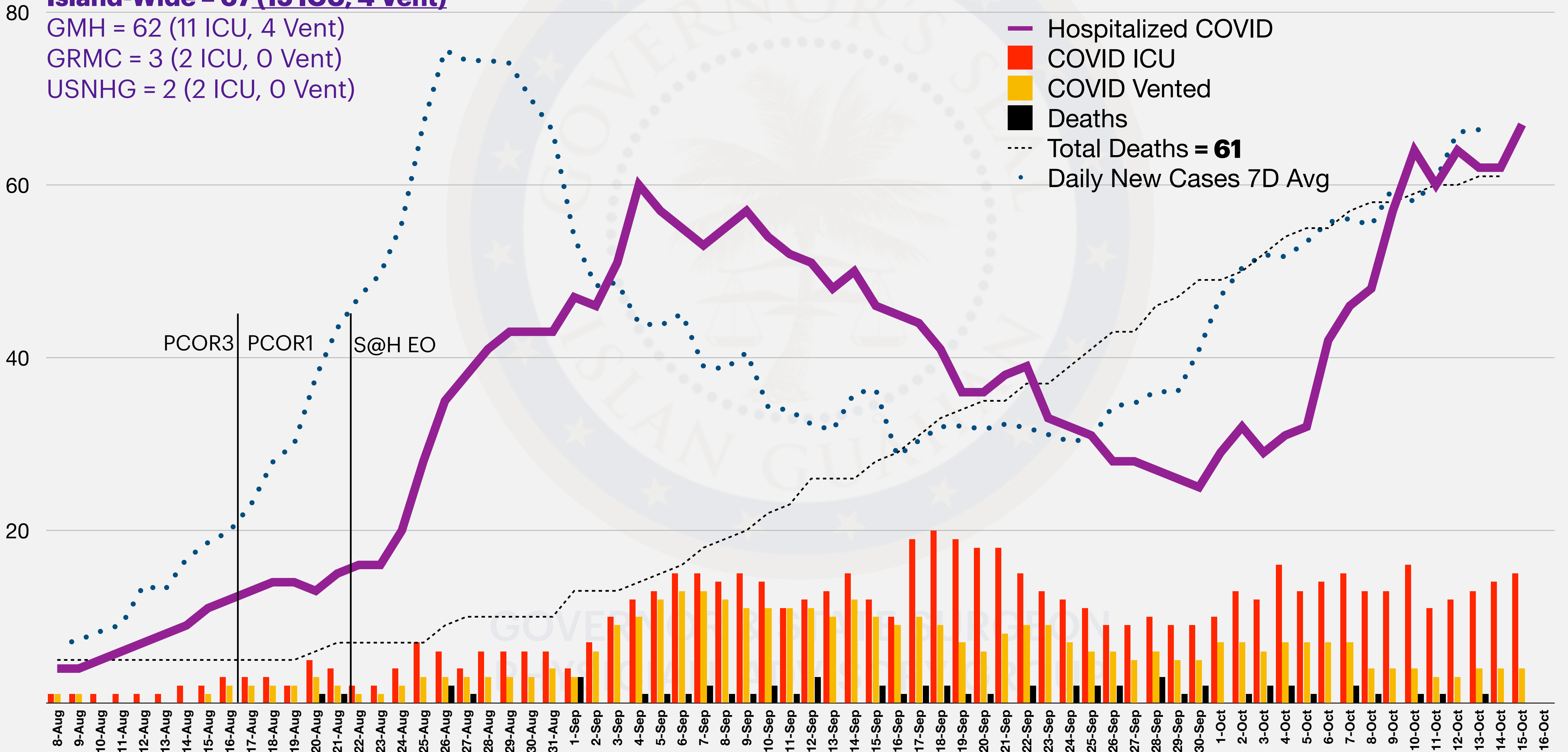
Island-Wide = 67 (15 ICU, 4 Vent)

GMH = 62 (11 ICU, 4 Vent)

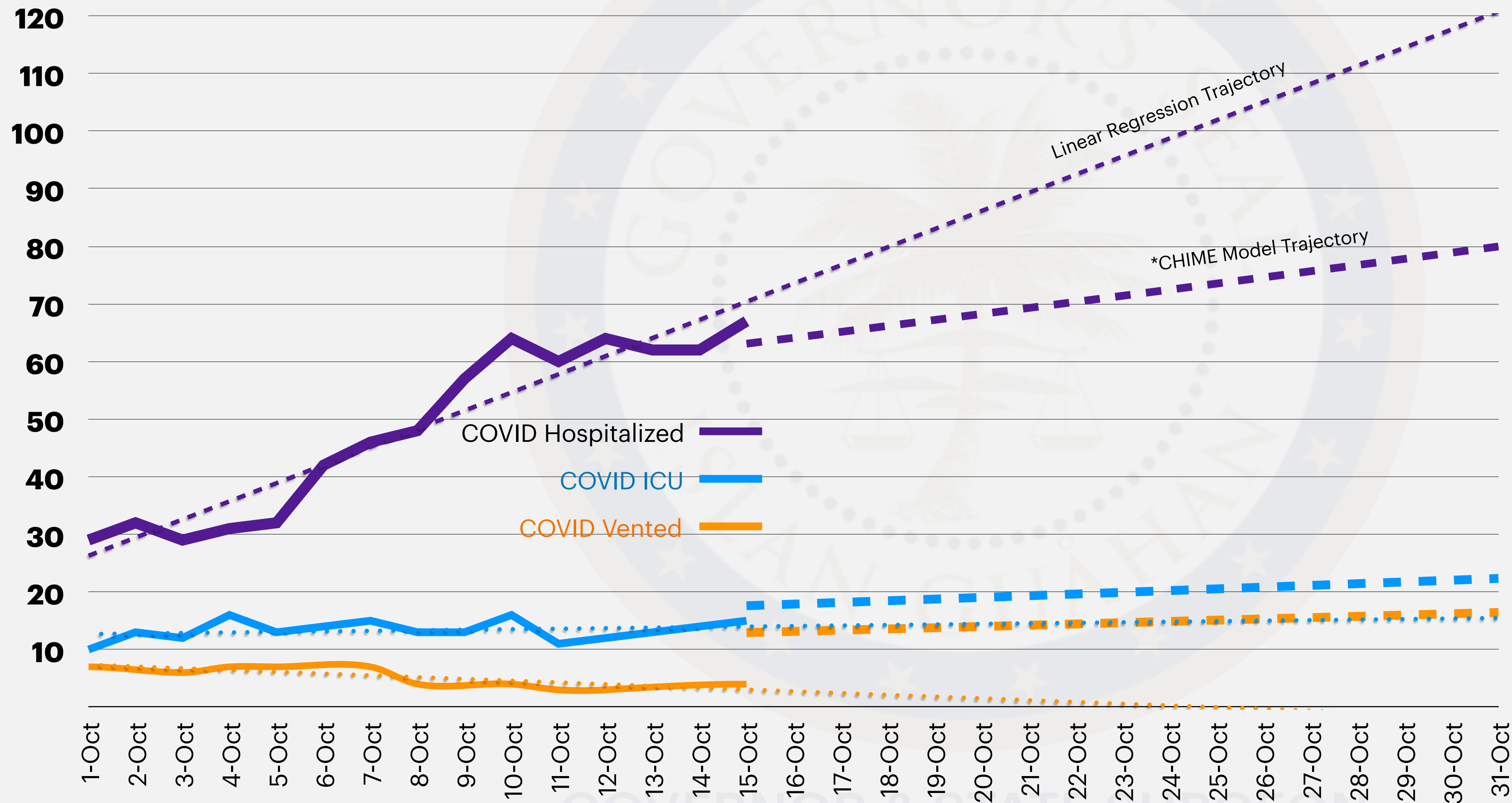
GRMC = 3 (2 ICU, 0 Vent)

USNHG = 2 (2 ICU, 0 Vent)

- Hospitalized COVID
- COVID ICU
- COVID Vented
- Deaths
- - - Total Deaths = **61**
- Daily New Cases 7D Avg



Guam COVID-19 Hospitalization Census and Trajectory Scenarios



- *CHIME Model Assumptions:**
1. $R_t = 1.16$ and status quo mitigation
 2. % of total infected hospitalized = 6%
 3. % of total infected ICU = 1.5%
 4. % of total infected ventilated = 1%
 5. Infectious days = 7 days
 6. Avg Hosp LoS = 8 days
 7. Avg ICU LoS = 9 days
 8. Avg Vent days = 10 days

***COVID-19 Hospital Impact Model for Epidemics (CHIME) by UPenn is a modified SIR model of outbreak progression that is limited to short term forecasting. It is only applicable during the period prior to a region's peak infections, and it accounts only for a single significant social distancing policy.**

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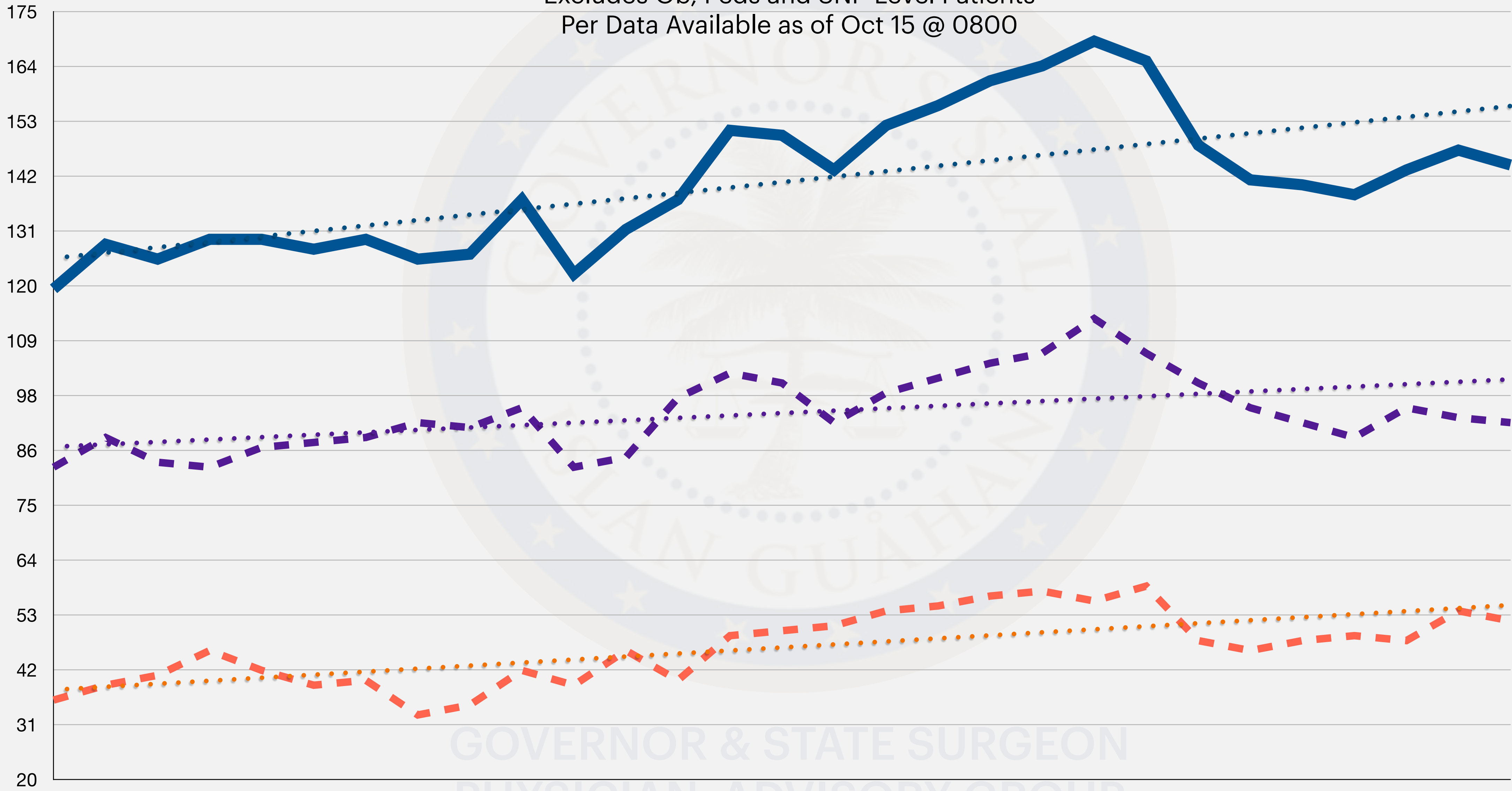
Trajectory Last
Adjusted on Oct 15

Non-COVID Acute Adult Census

Excludes Ob, Peds and SNF-Level Patients

Per Data Available as of Oct 15 @ 0800

Non-COVID Acute Adult Census



Total

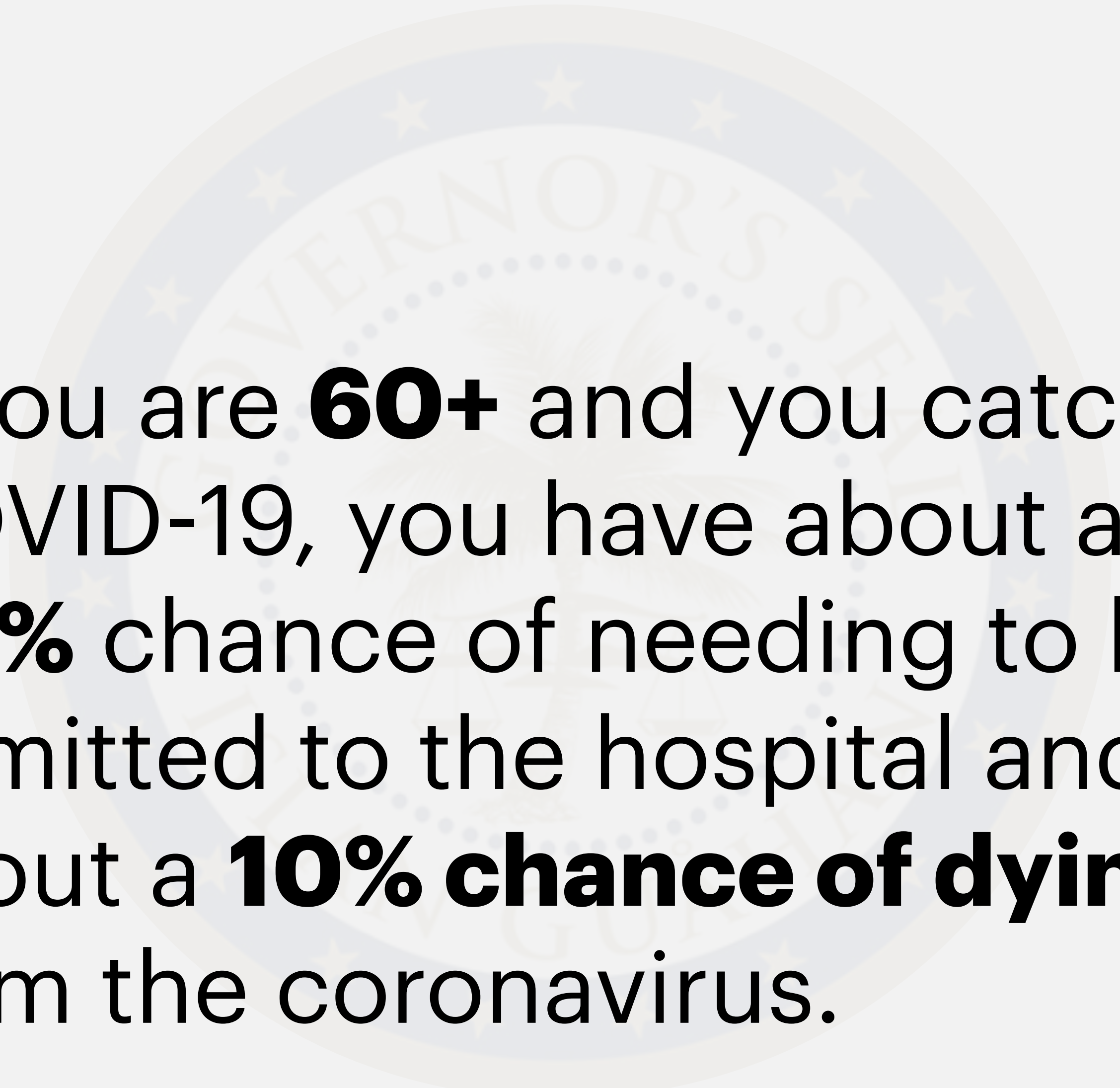
GRMC

GMH

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COVID-19 Cases, GMH Admissions and Deaths from March 13 to Sept 30

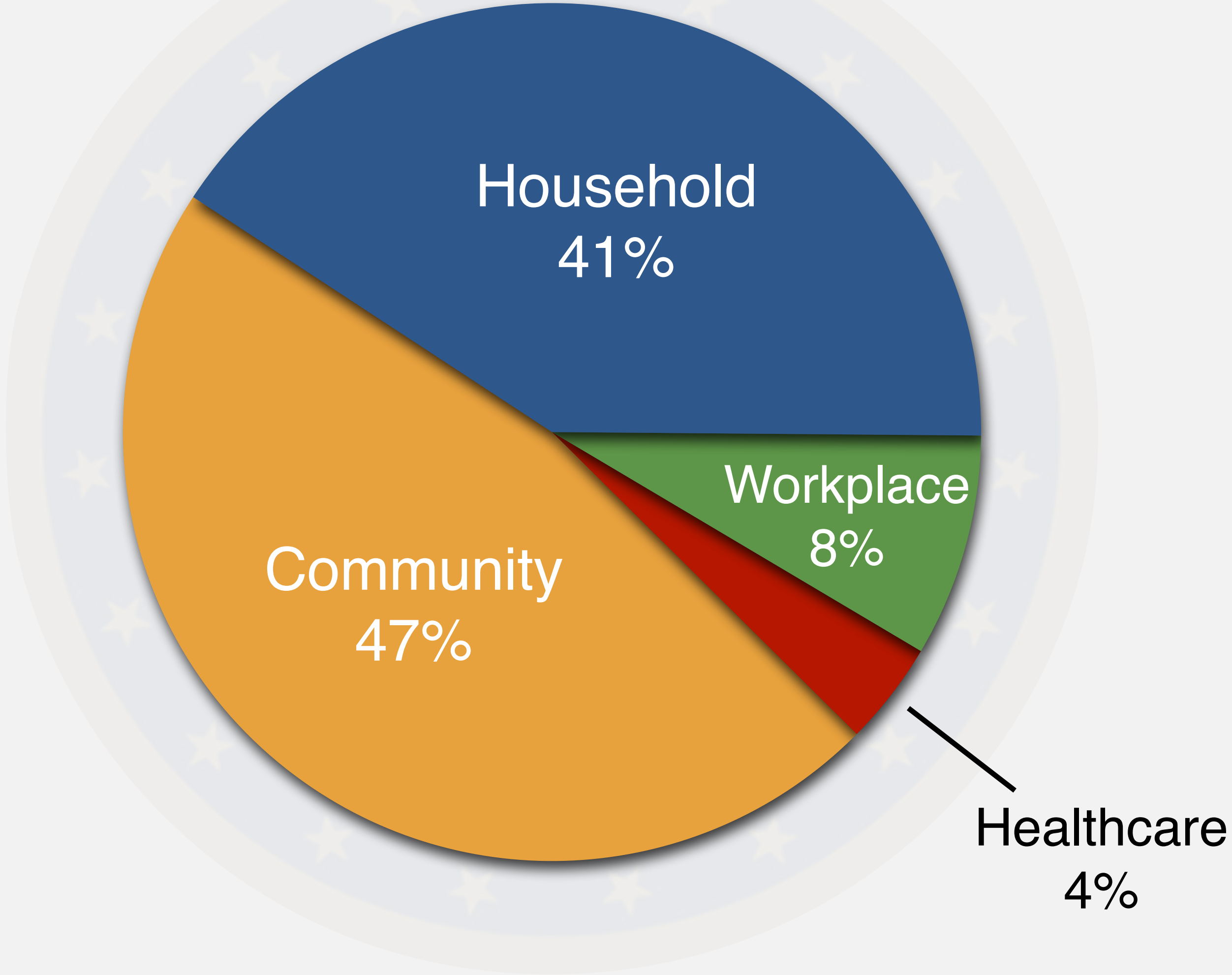
Age Group	Total Cases	Admissions	Case Admit Rate	Deaths	Admission Fatality Rate	Overall Case Fatality Rate
0-9	127	2	1.6%	1	50.0%	0.8%
10-19	228	4	1.8%	0	0.0%	0.0%
20-29	587	19	3.2%	0	0.0%	0.0%
30-39	496	35	7.1%	3	8.6%	0.6%
40-49	371	39	10.5%	4	10.3%	1.1%
50-59	385	68	17.7%	11	16.2%	2.9%
60-69	206	76	36.9%	12	15.8%	5.8%
70-79	74	26	35.1%	11	42.3%	14.9%
80-89	28	19	67.9%	3	15.8%	10.7%
>89	6	4	66.7%	4	100.0%	66.7%
Total	2488	292	11.7%	49	16.8%	2.0%
60 +	314	125	39.8%	30		9.6%
70 +	108	49	45.4%	18		16.7%



If you are **60+** and you catch COVID-19, you have about a **40%** chance of needing to be admitted to the hospital and about a **10% chance of dying** from the coronavirus.

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Epi-Link to COVID-19 Case*

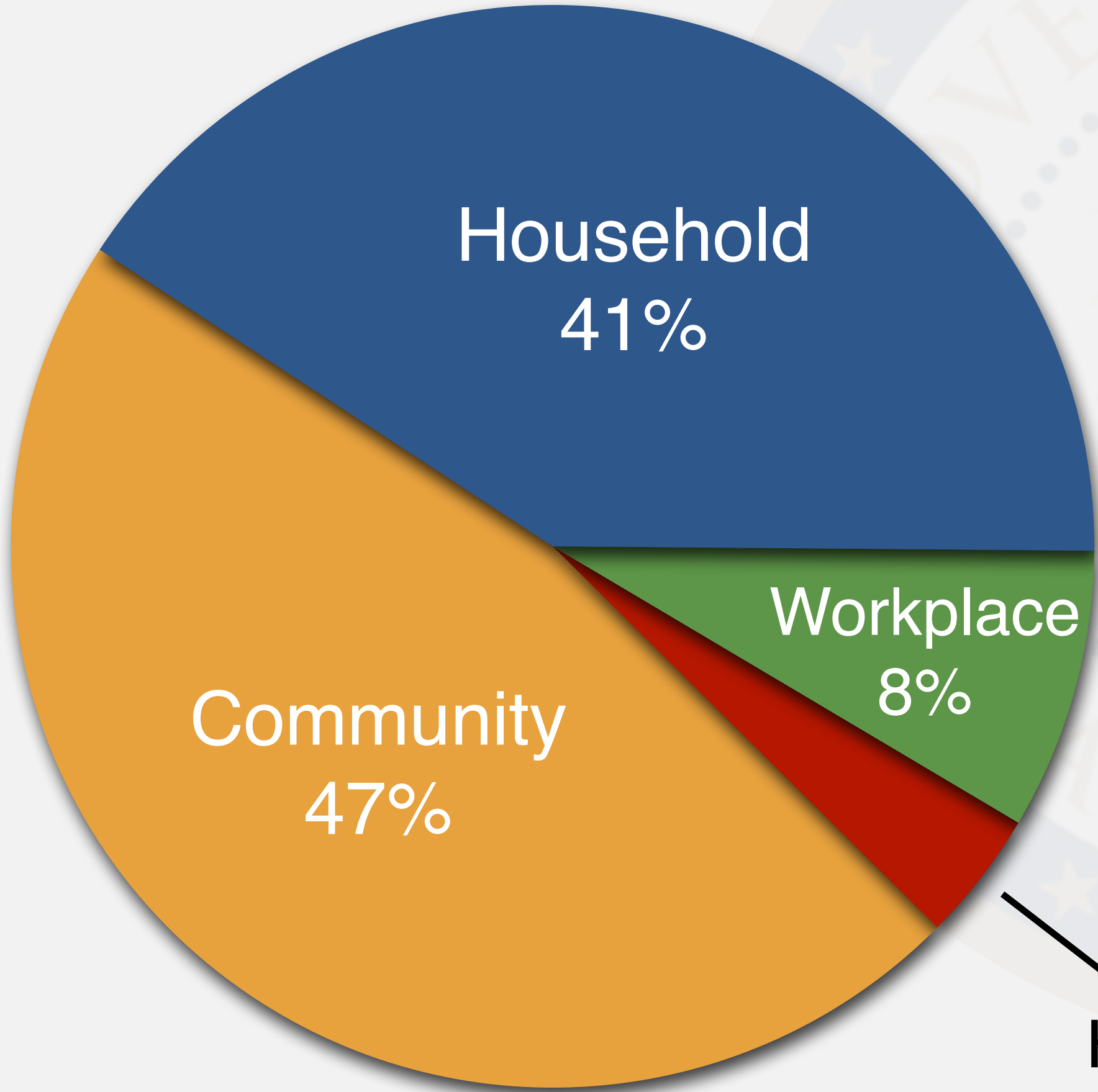


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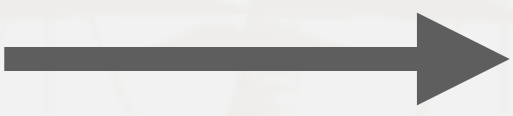
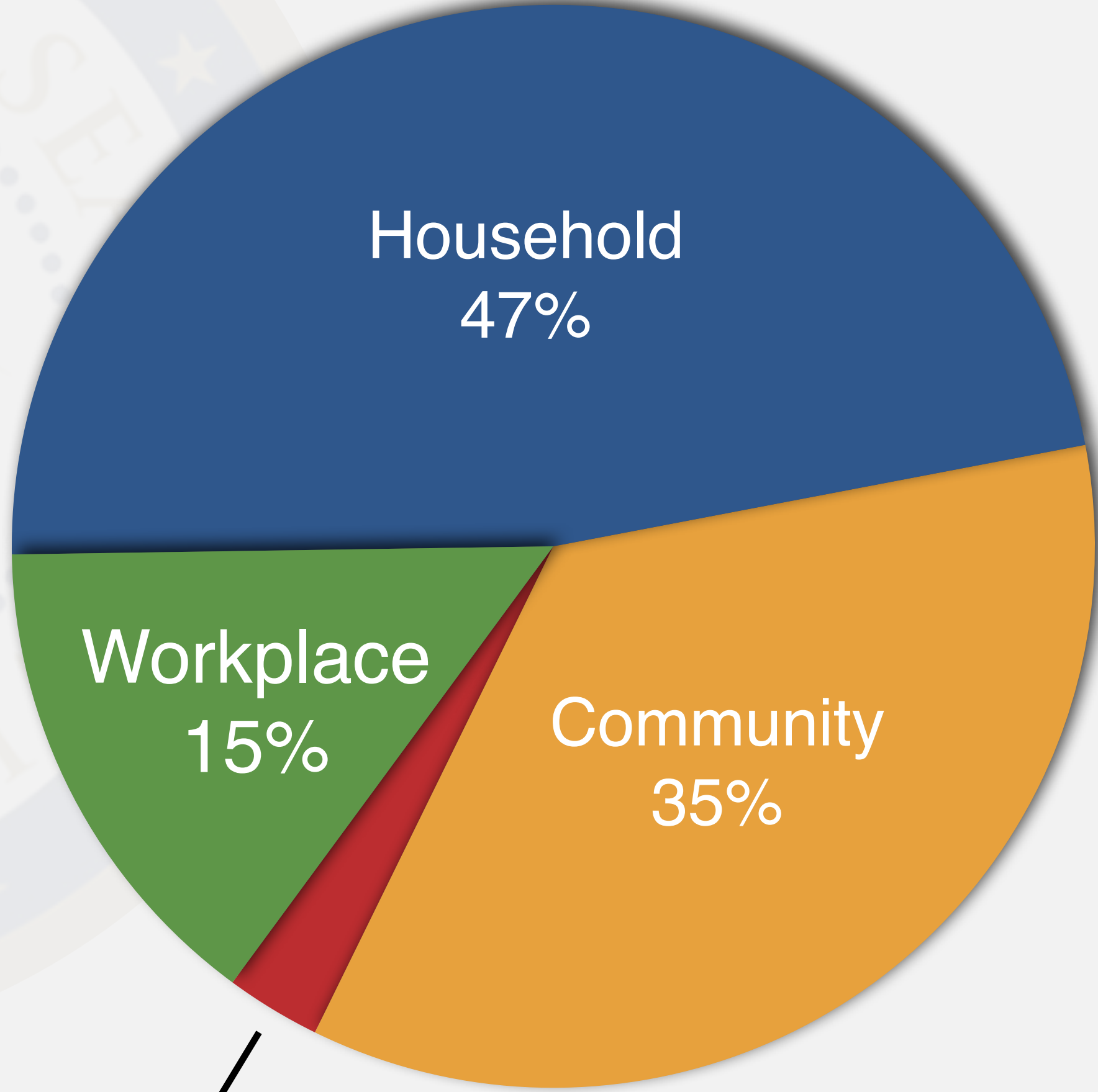
*Per data provided by DPHSS Guam COVID-19 Situation Reports on 9/14/2020. Note that some cases have more than one link to other COVID-19 cases

Epi-Link to COVID-19 Case*

SEP 14



OCT 14



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*Per data provided by DPHSS Guam COVID-19 Situation Reports. Note that some cases have more than one link to other COVID-19 cases

- If you are sick, do NOT go to work. Quarantine and get tested for COVID-19
- If someone in your house is sick, do NOT go to work. Quarantine and get tested for COVID-19.
- If you have COVID-19, isolate somewhere safe from your family and co-workers.
- If you have COVID-19 and home is not a safe place to isolate, then please stay at the government isolation hotel.