

Waco-McLennan County Public Health District COVID-19 Update

City Council Meeting
December 15, 2020



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Overview

- Background
- Current Case Count
- Case Analysis
 - Significant time periods
 - Demographics
 - Comparisons
- Surge Capacity
- Vaccine Planning



Current Case Count

New Cases	139
Cases to date	16,570
Estimated Active Cases	831
Estimated Recovered cases	15,550
Number of individuals currently admitted in hospitals with laboratory confirmed COVID-19	116
Number of McLennan County residents currently admitted in hospitals with laboratory confirmed COVID-19	81
Total fatalities	239

CASE ANALYSIS



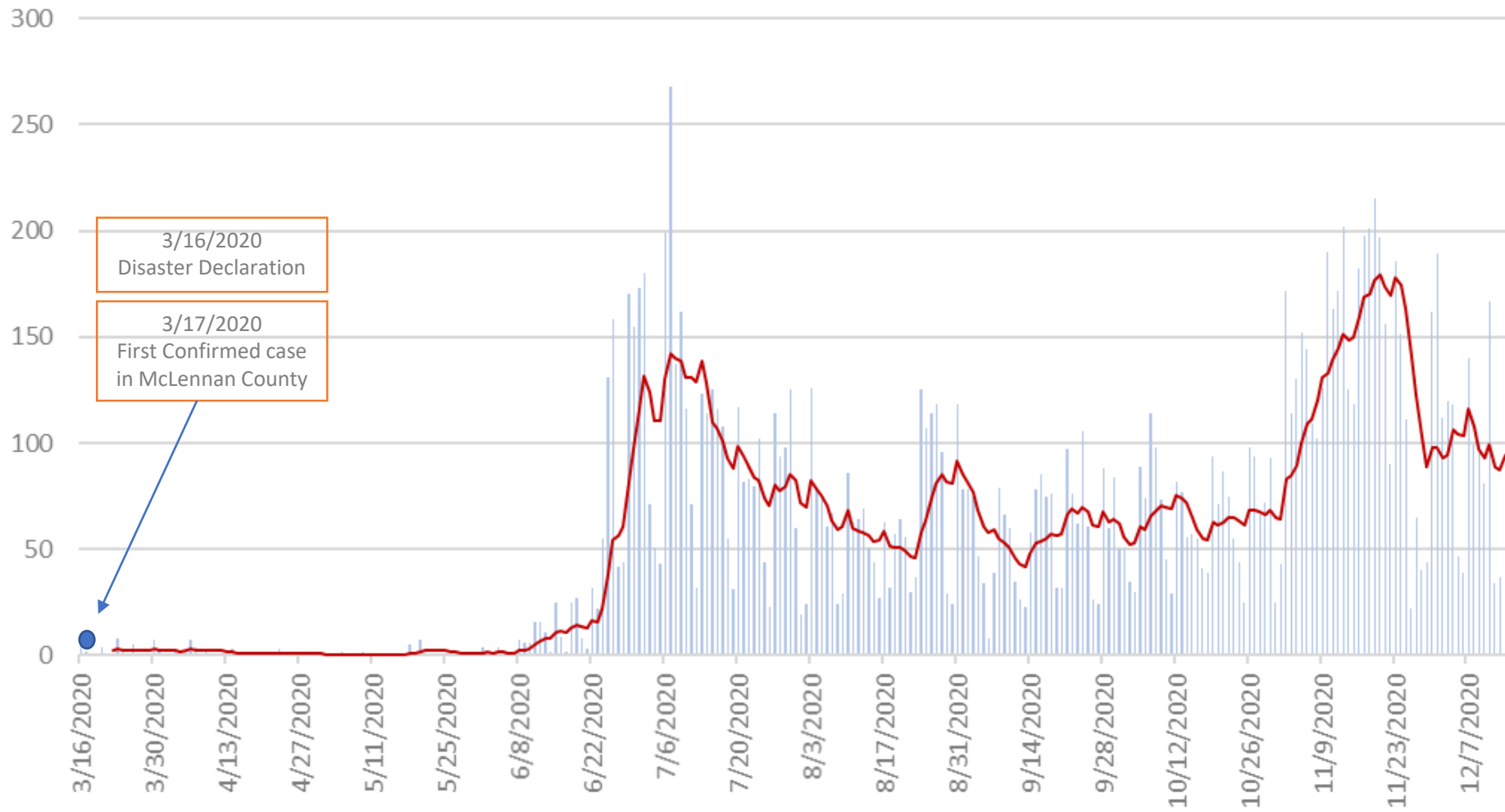
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Significant time periods

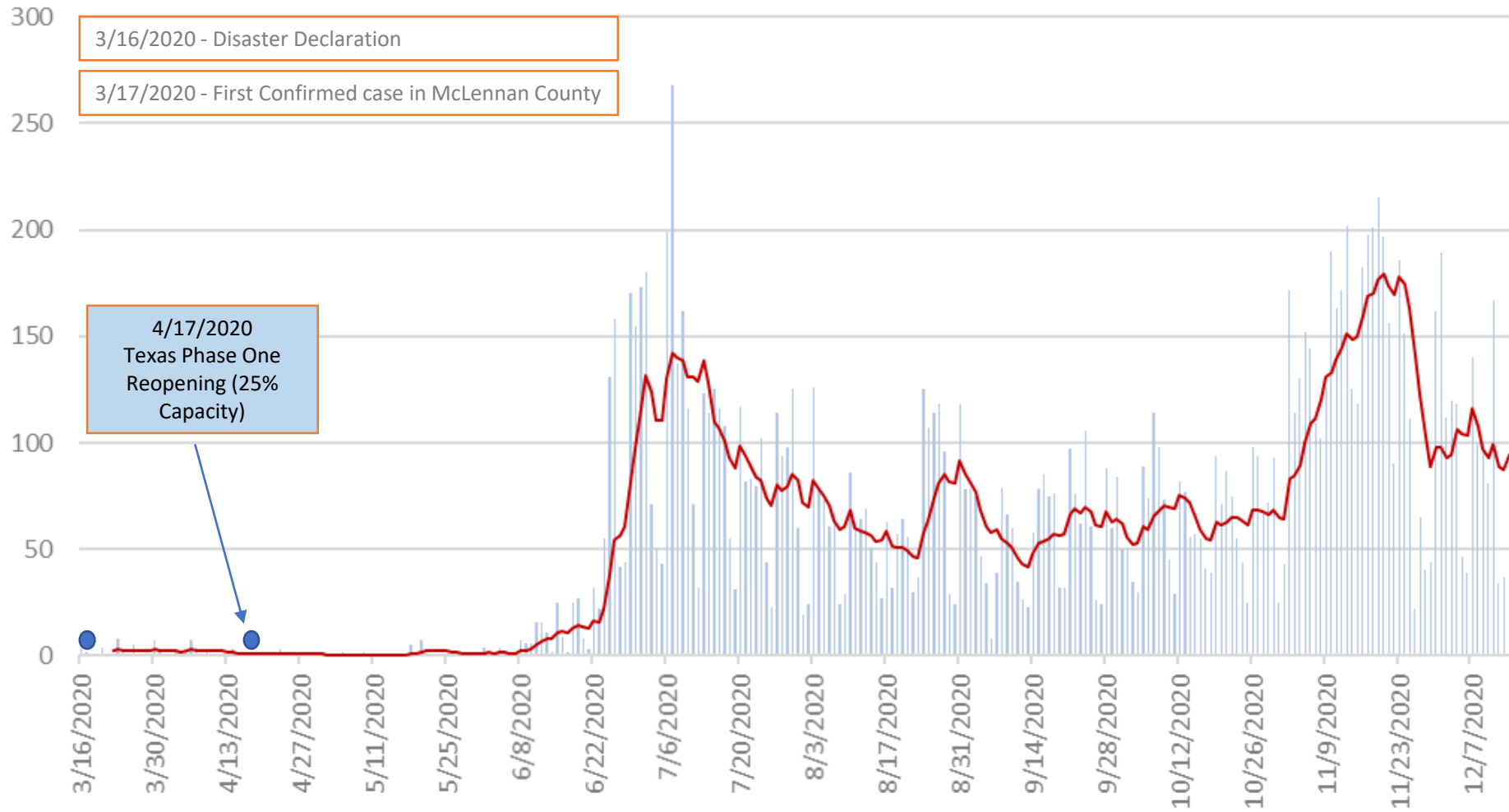


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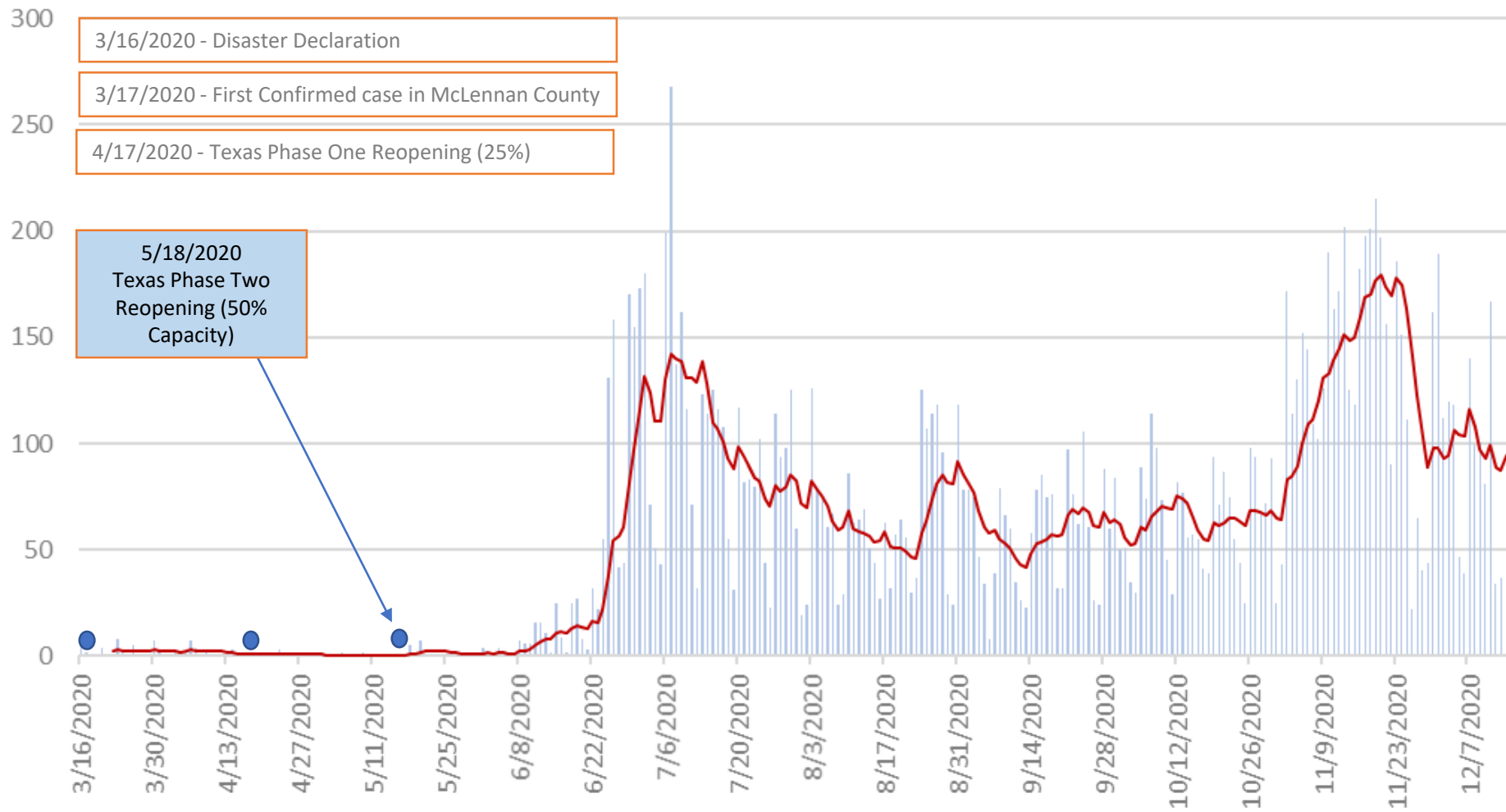
Daily New Cases and 7-day running average by Date of Collection



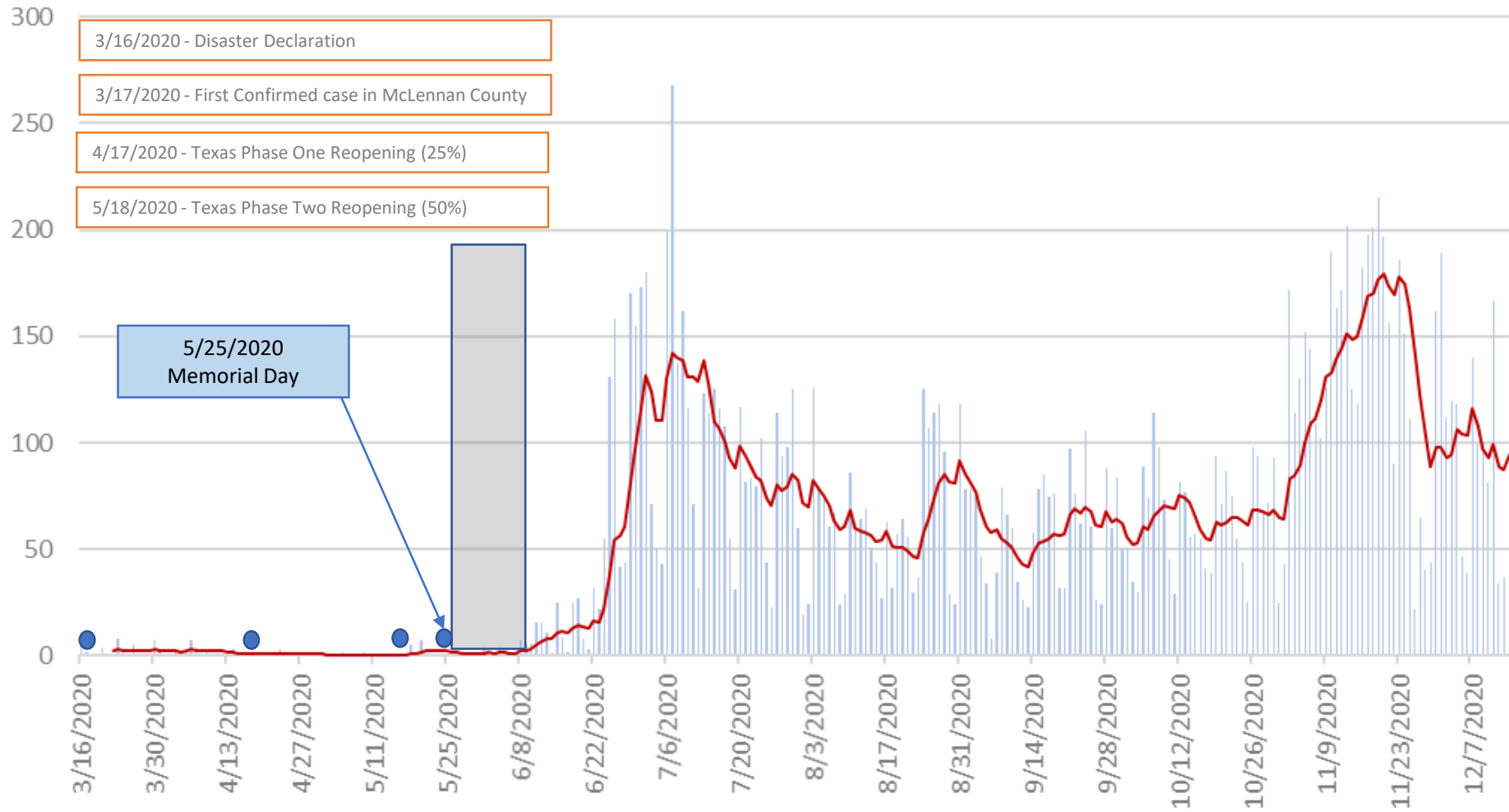
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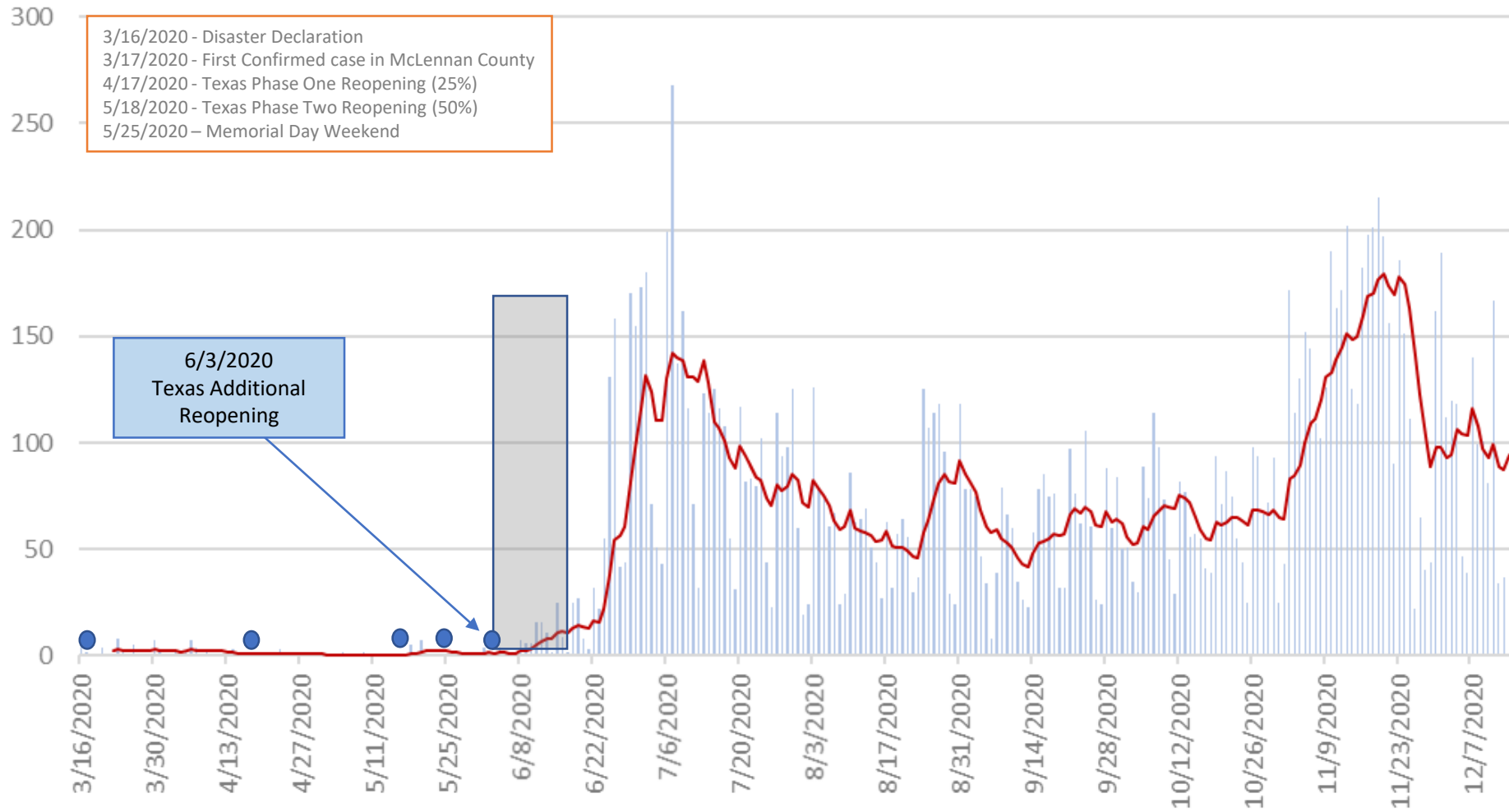
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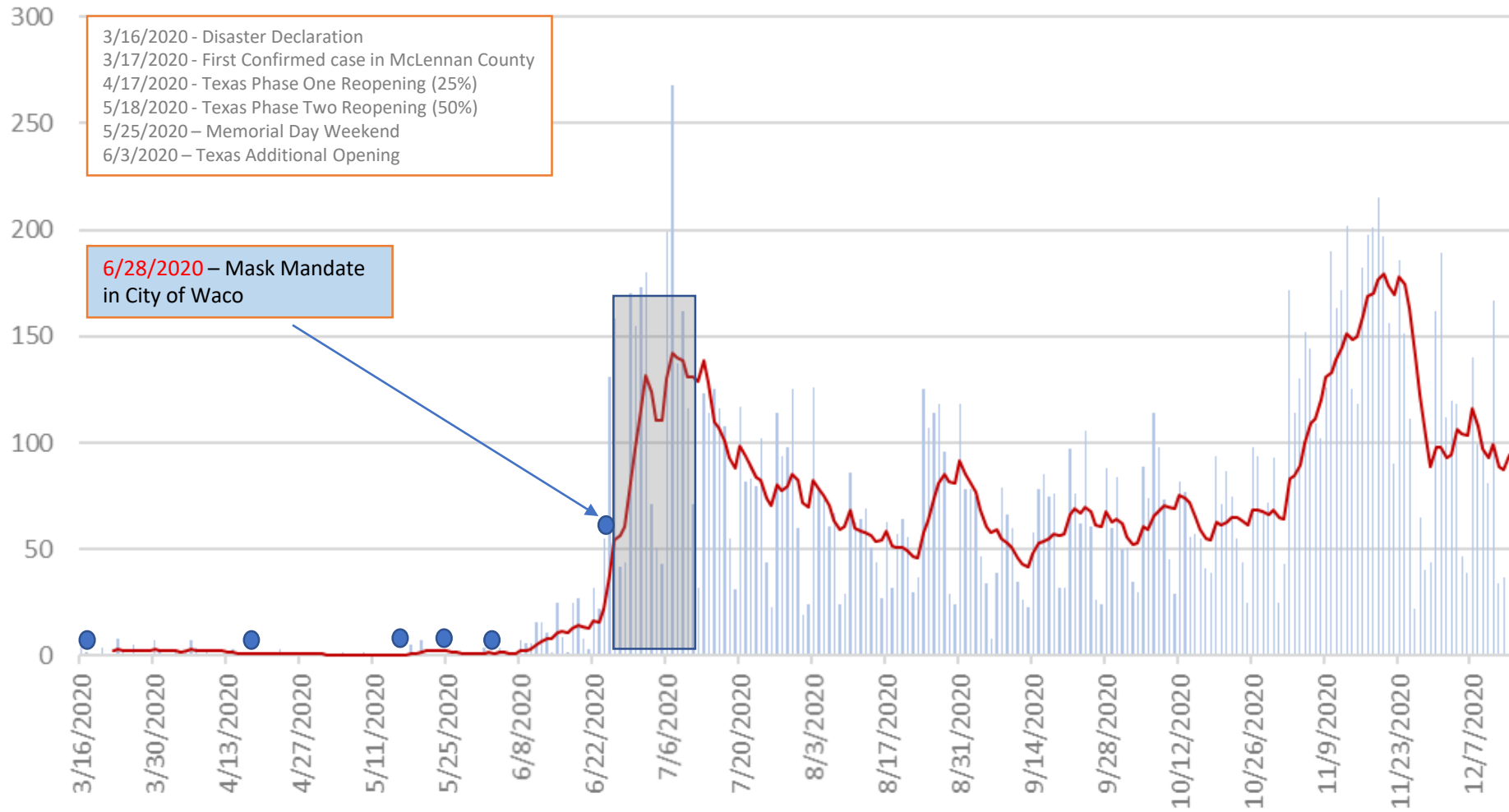
Daily New Cases and 7-day running average by Date of Collection



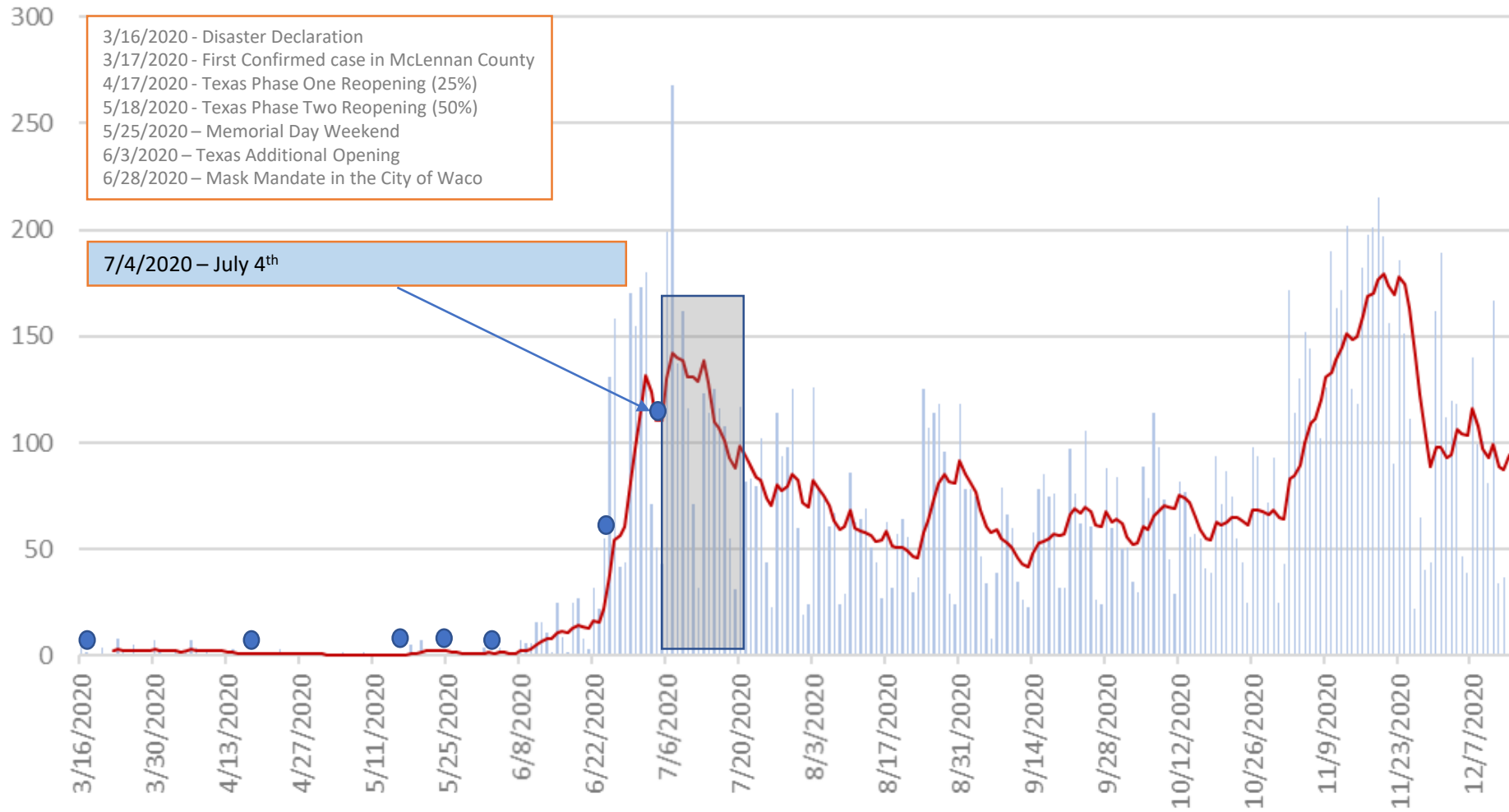
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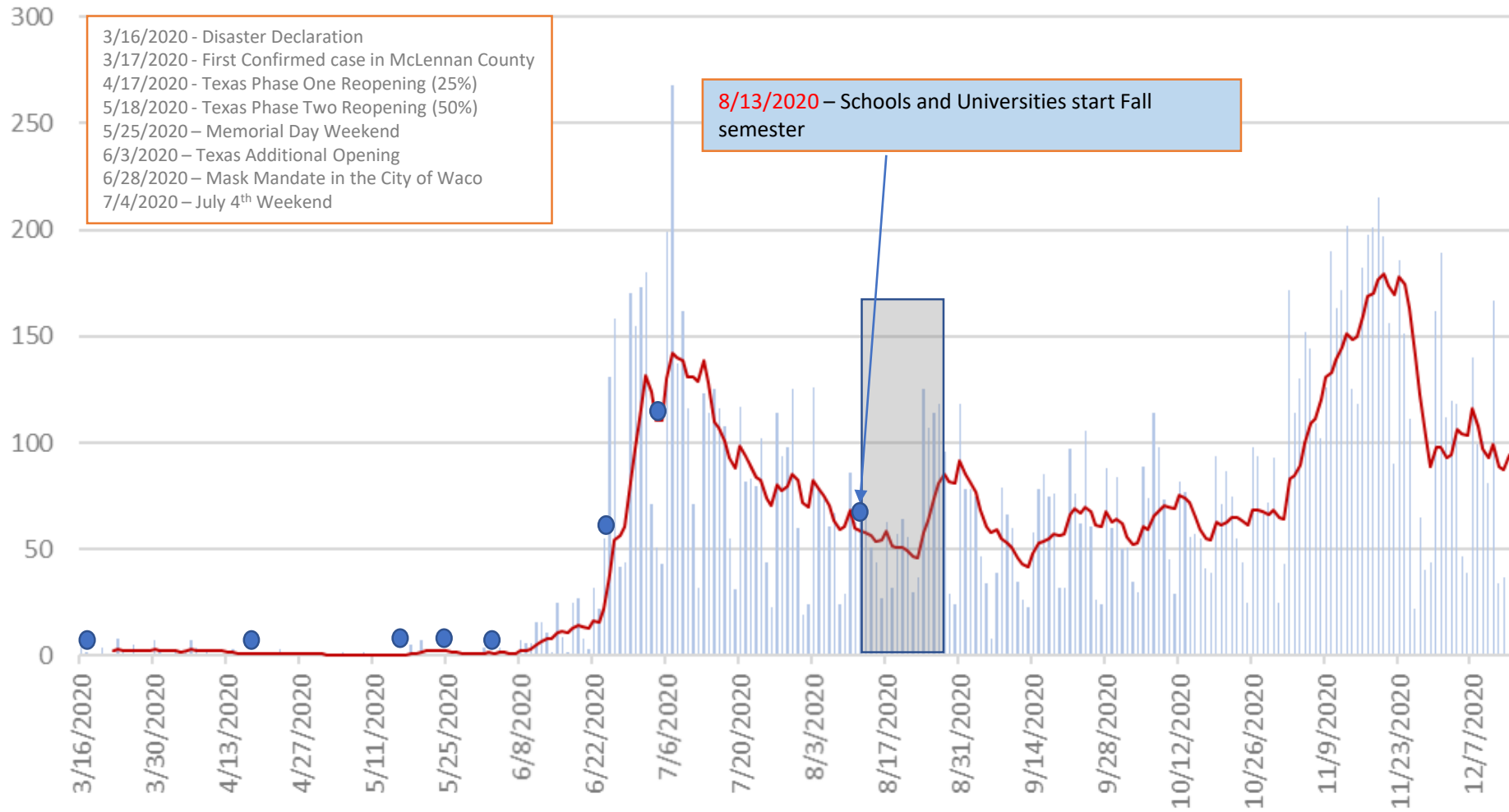
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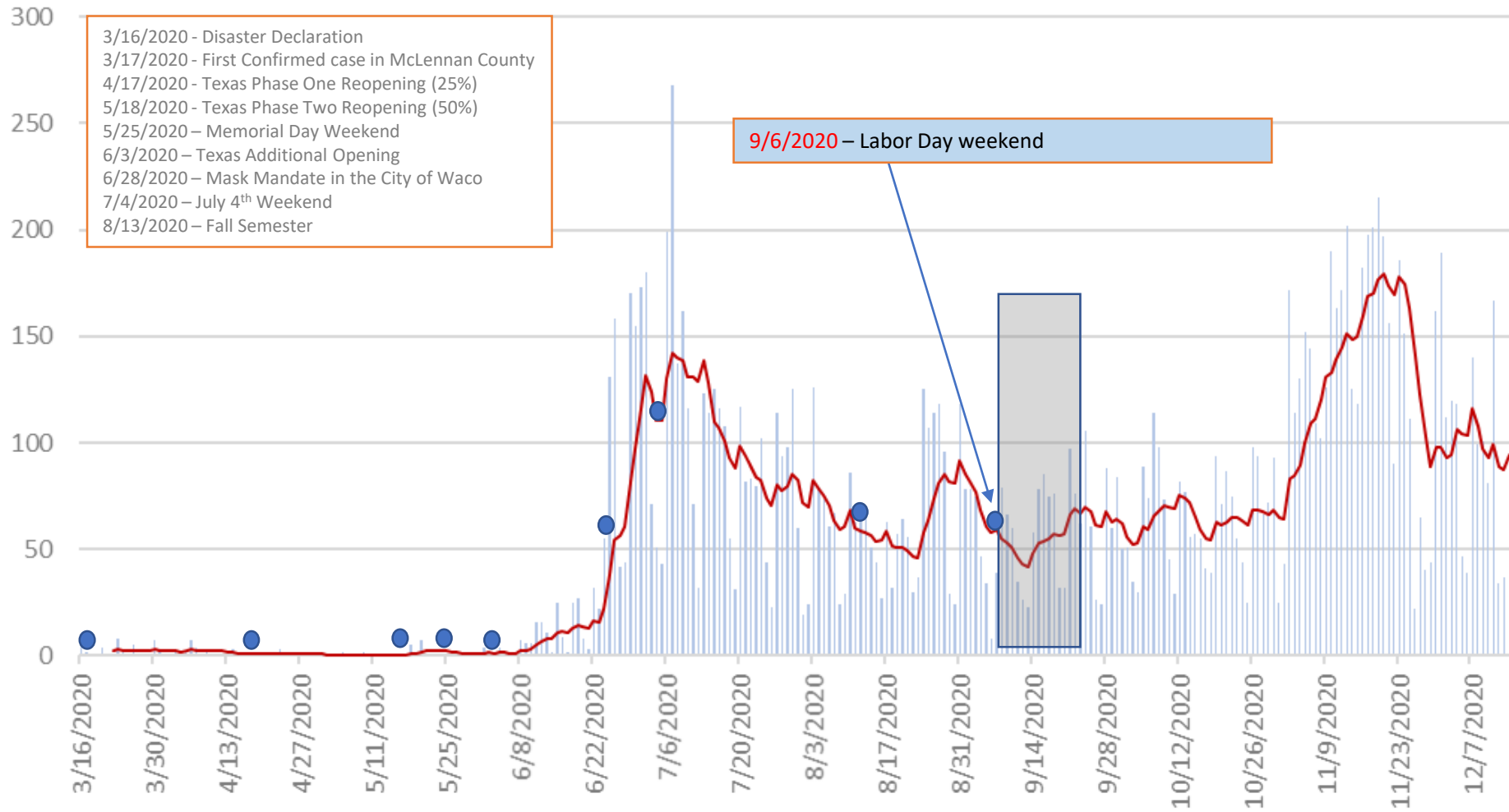
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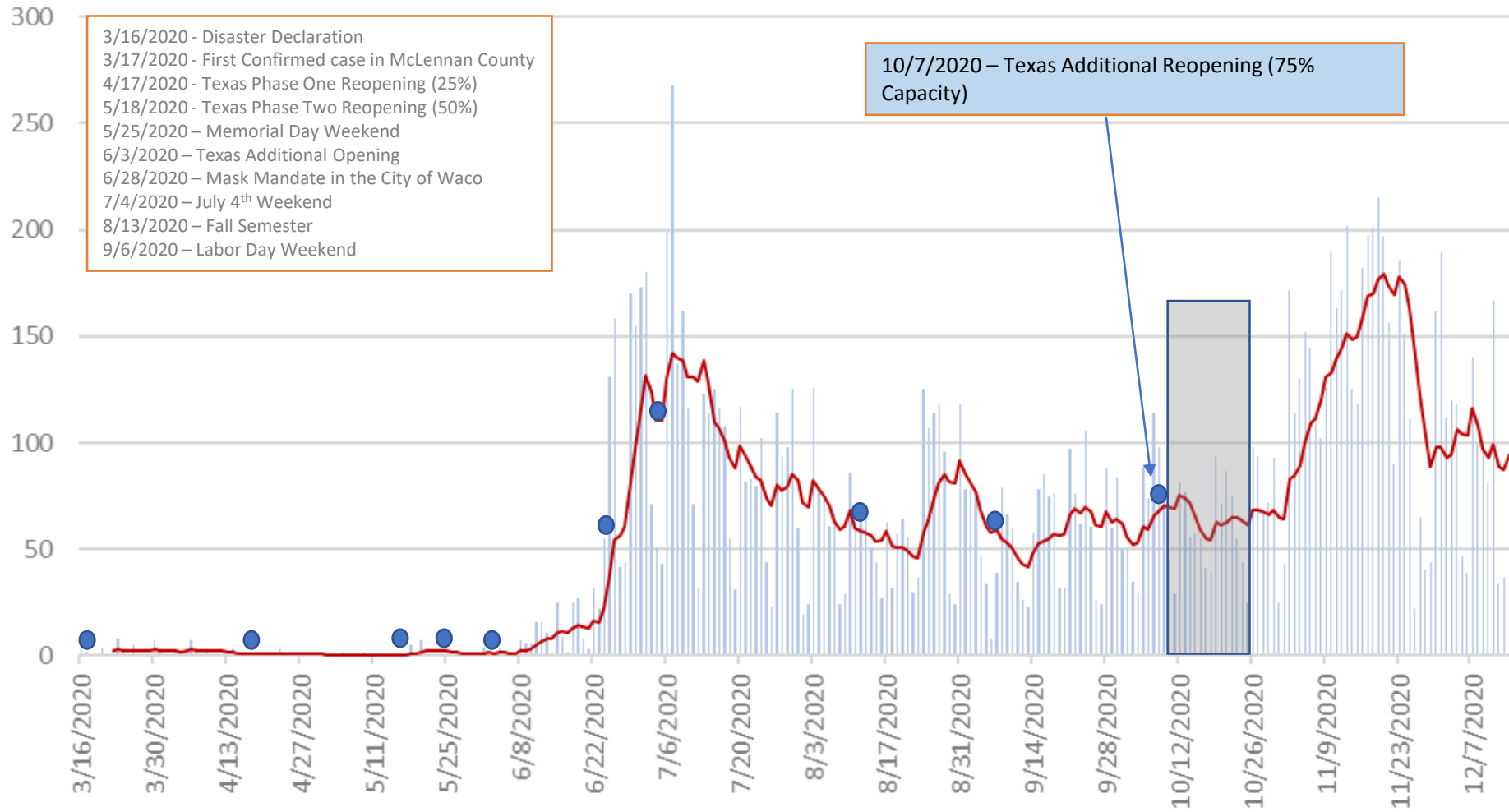
Daily New Cases and 7-day running average by Date of Collection



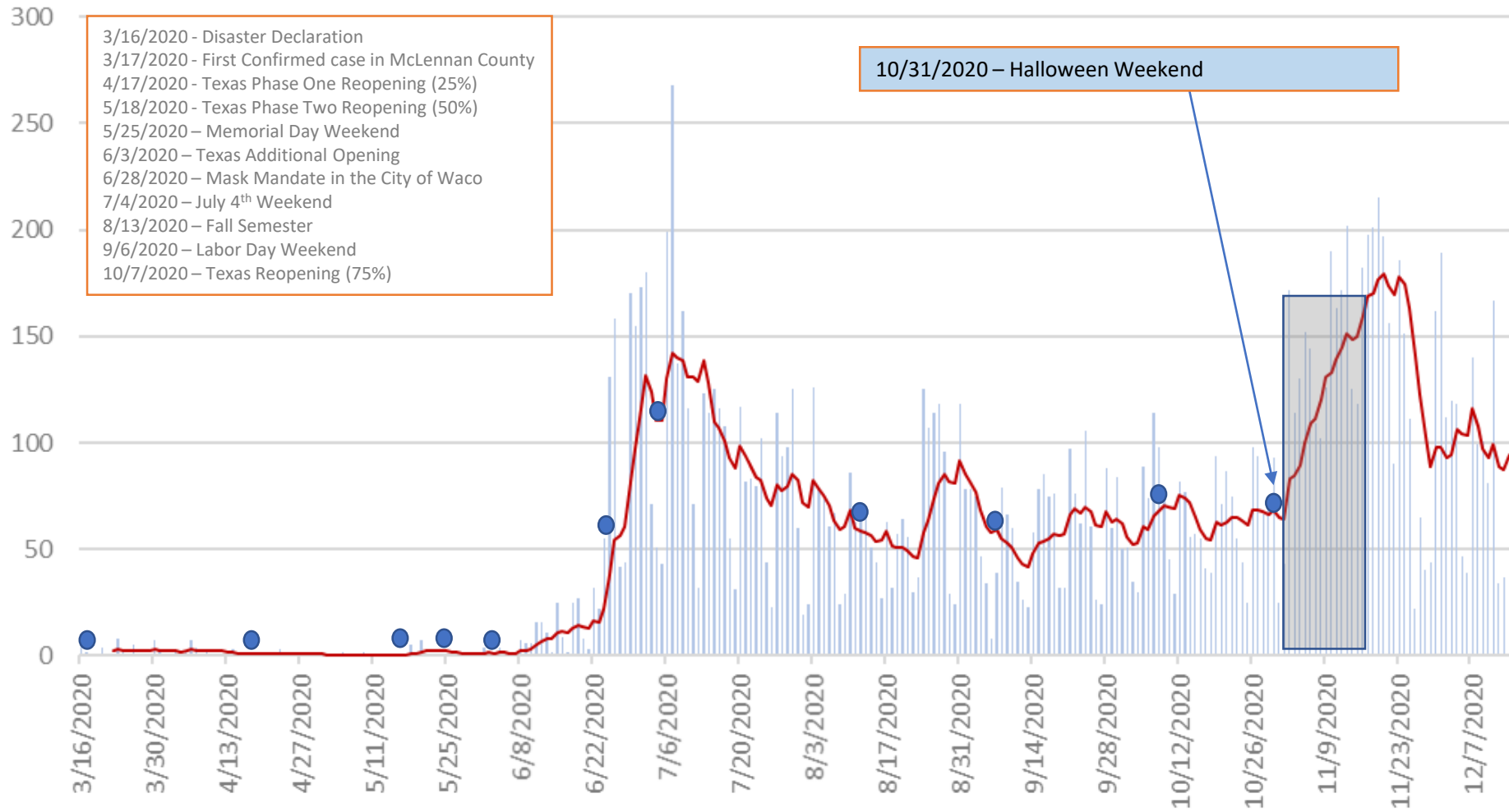
Daily New Cases and 7-day running average by Date of Collection



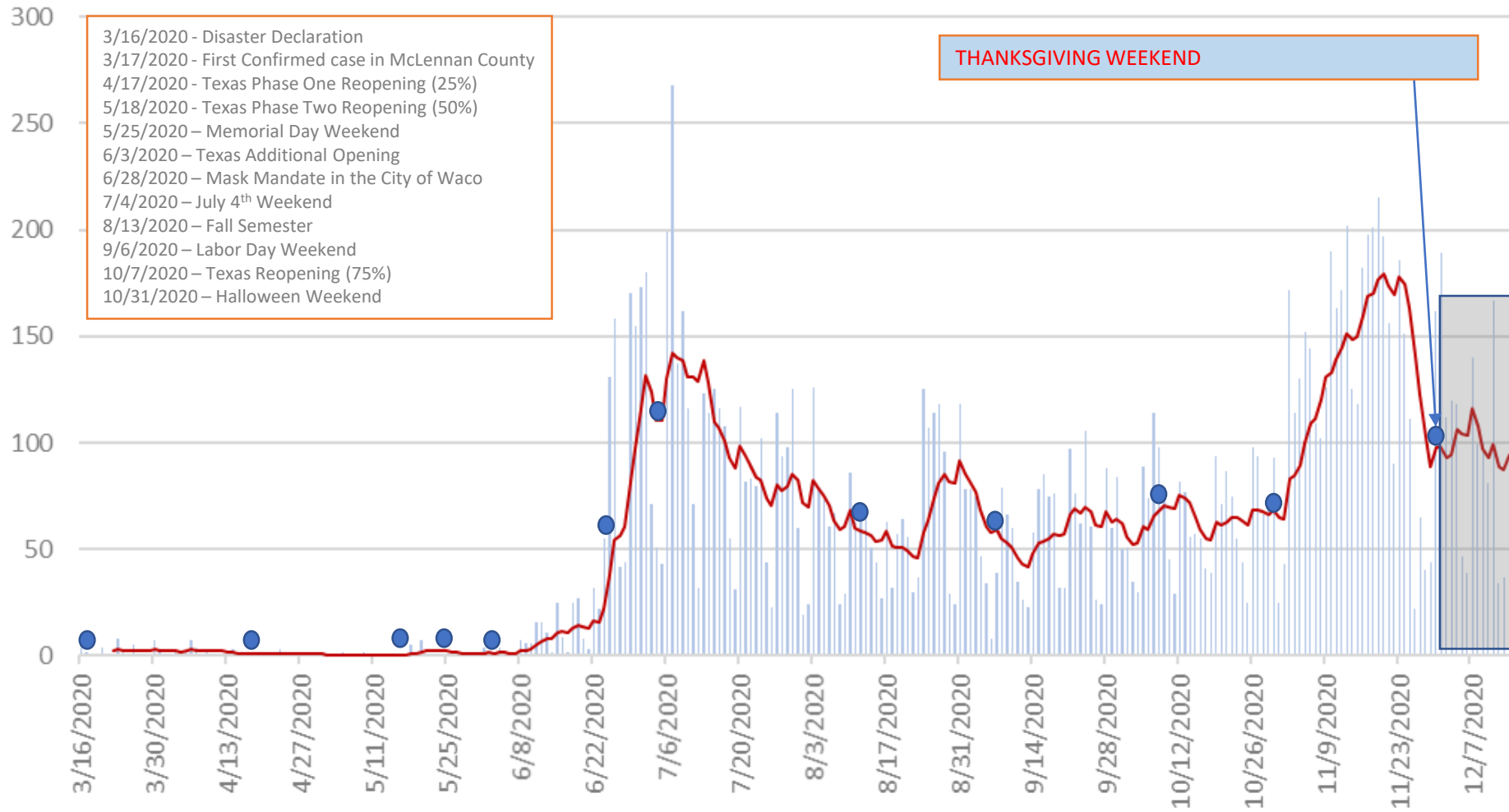
Daily New Cases and 7-day running average by Date of Collection



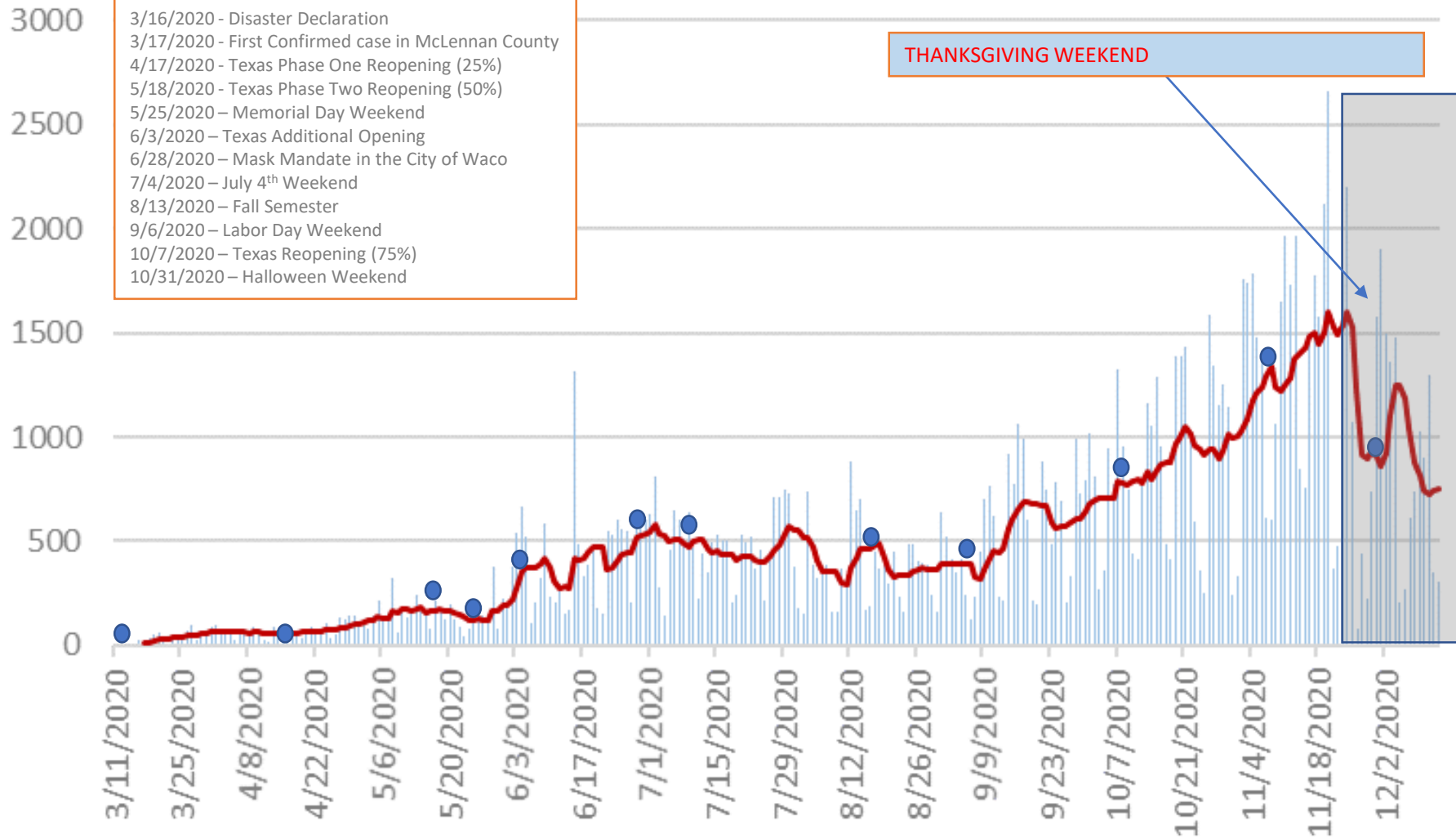
Daily New Cases and 7-day running average by Date of Collection



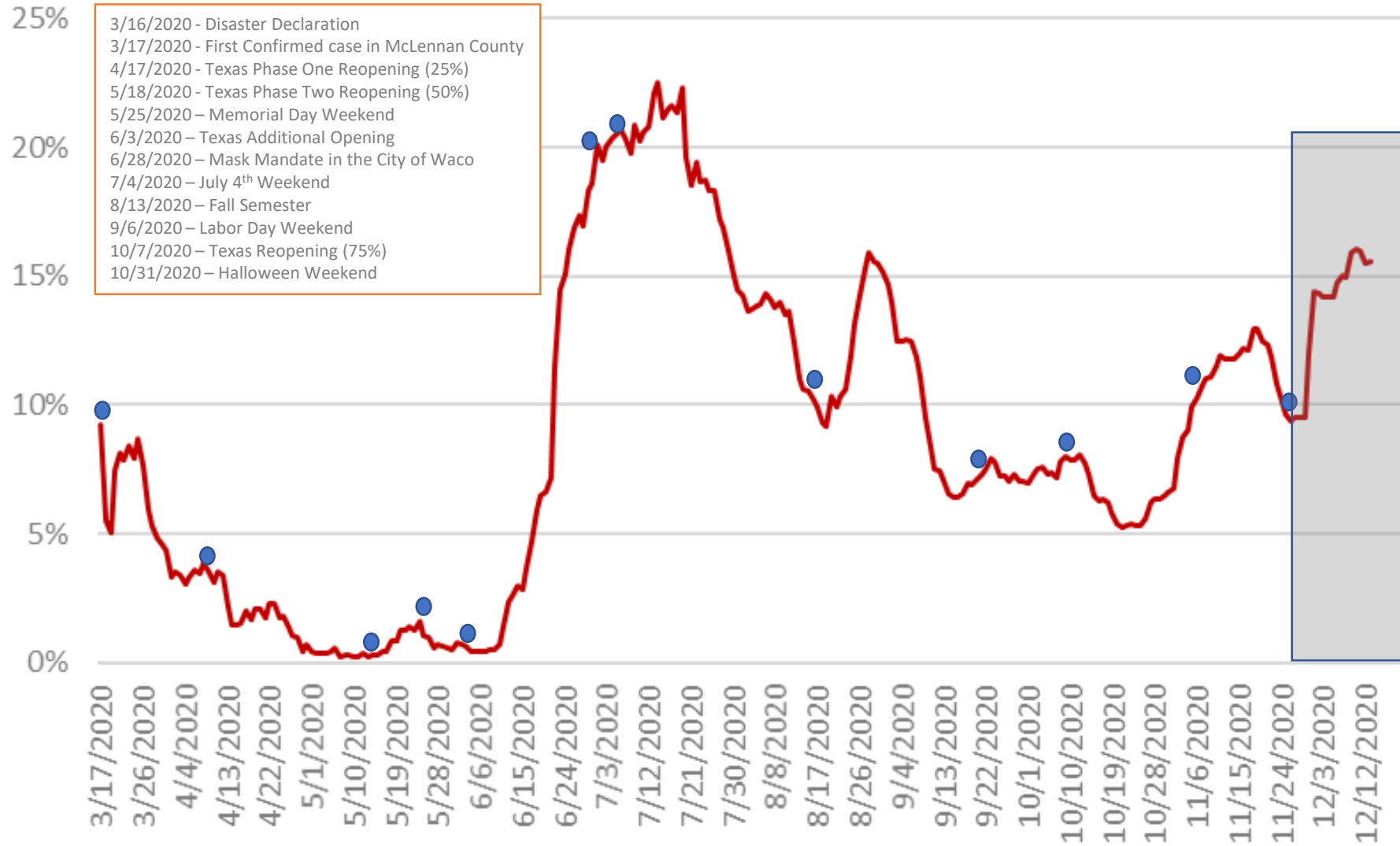
Daily New Cases and 7-day running average by Date of Collection



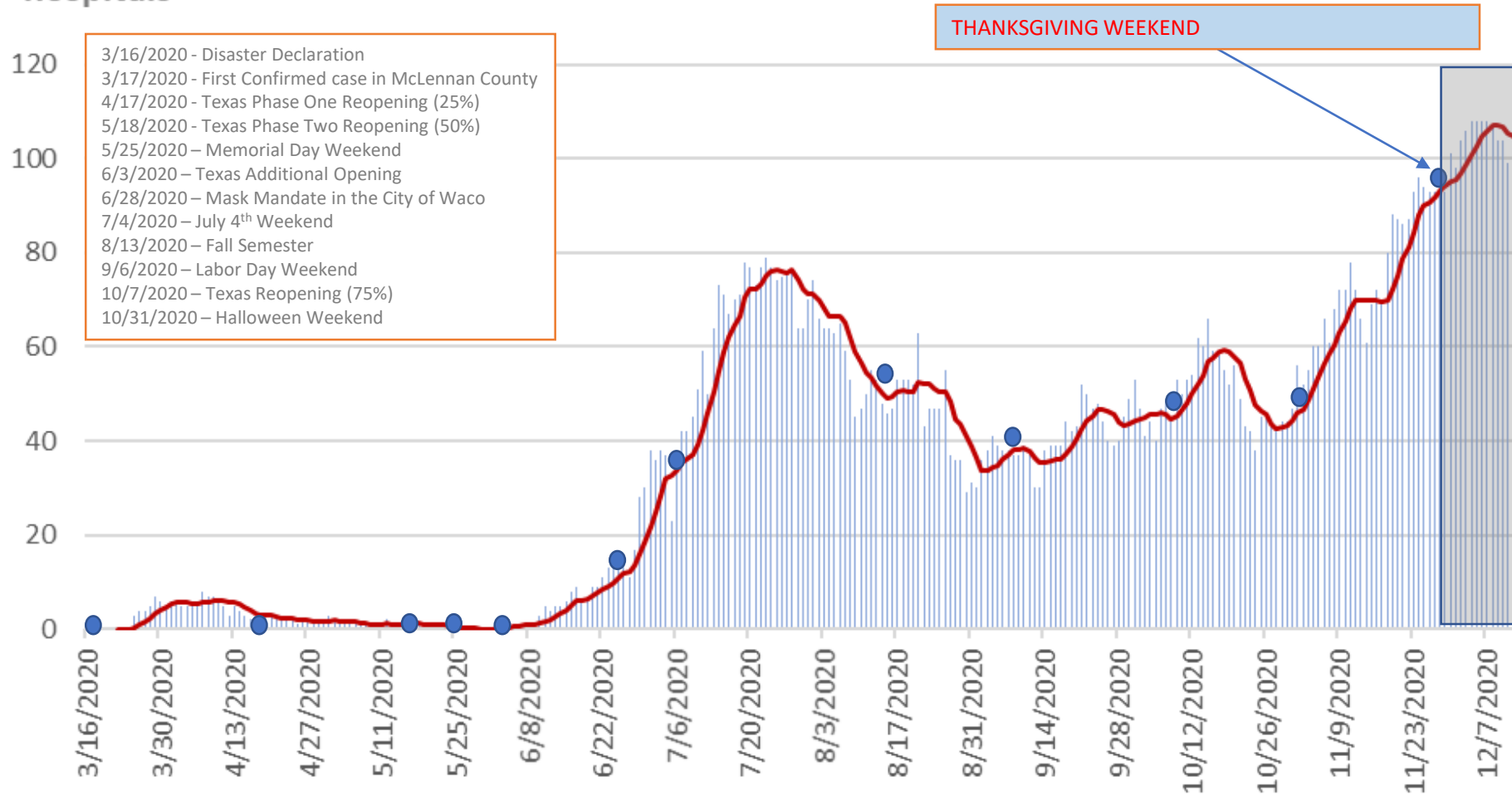
Number of tests conducted



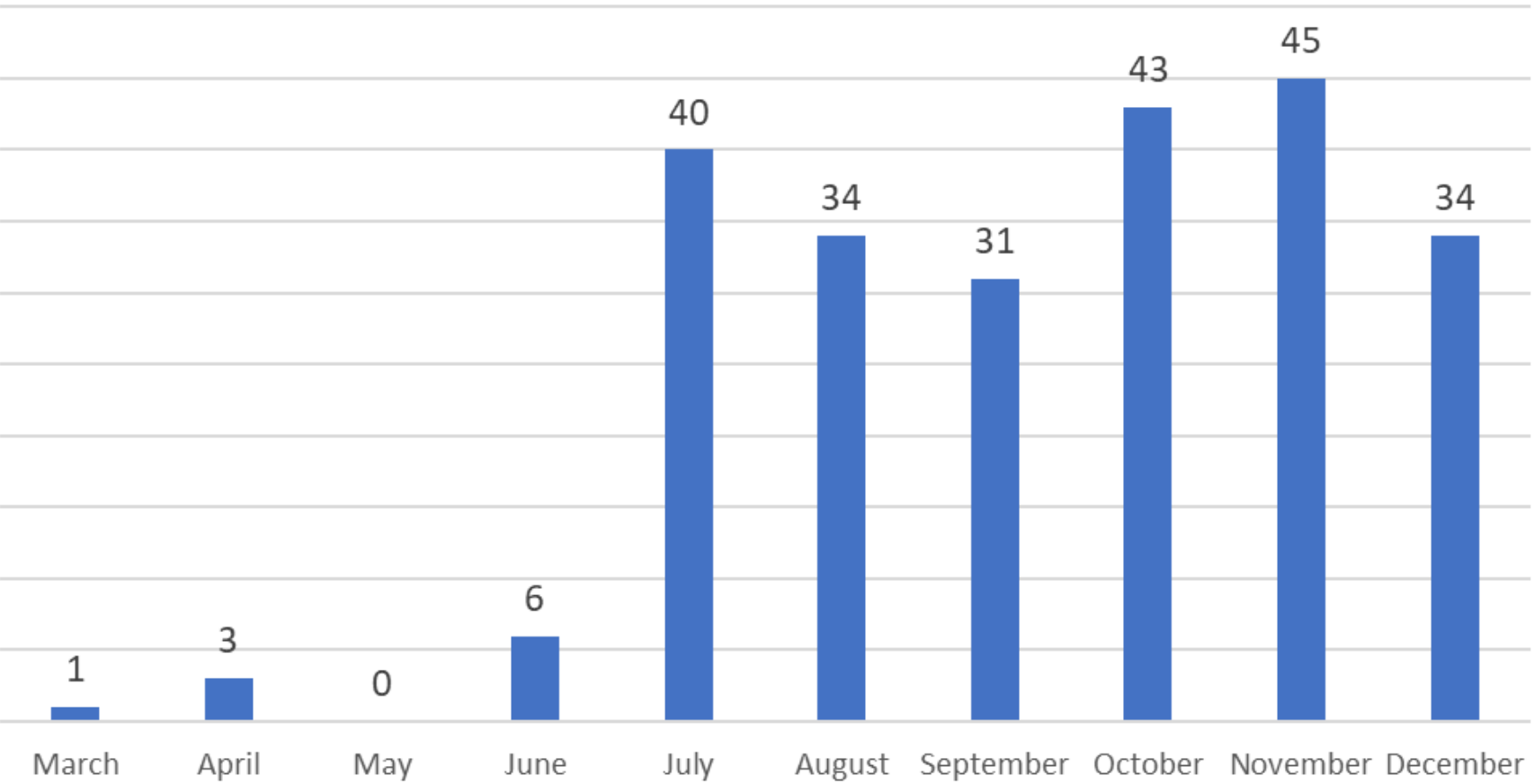
7-day running average of positivity rate



Number of laboratory-confirmed COVID-19 positive patients admitted in hospitals



Number of fatalities by month



Summary

- Number of new cases have plateaued
- Number of tests conducted have plateaued
- Positivity rate is increasing
- Hospitalizations are increasing
- Fatalities are increasing



Trends in Demographics



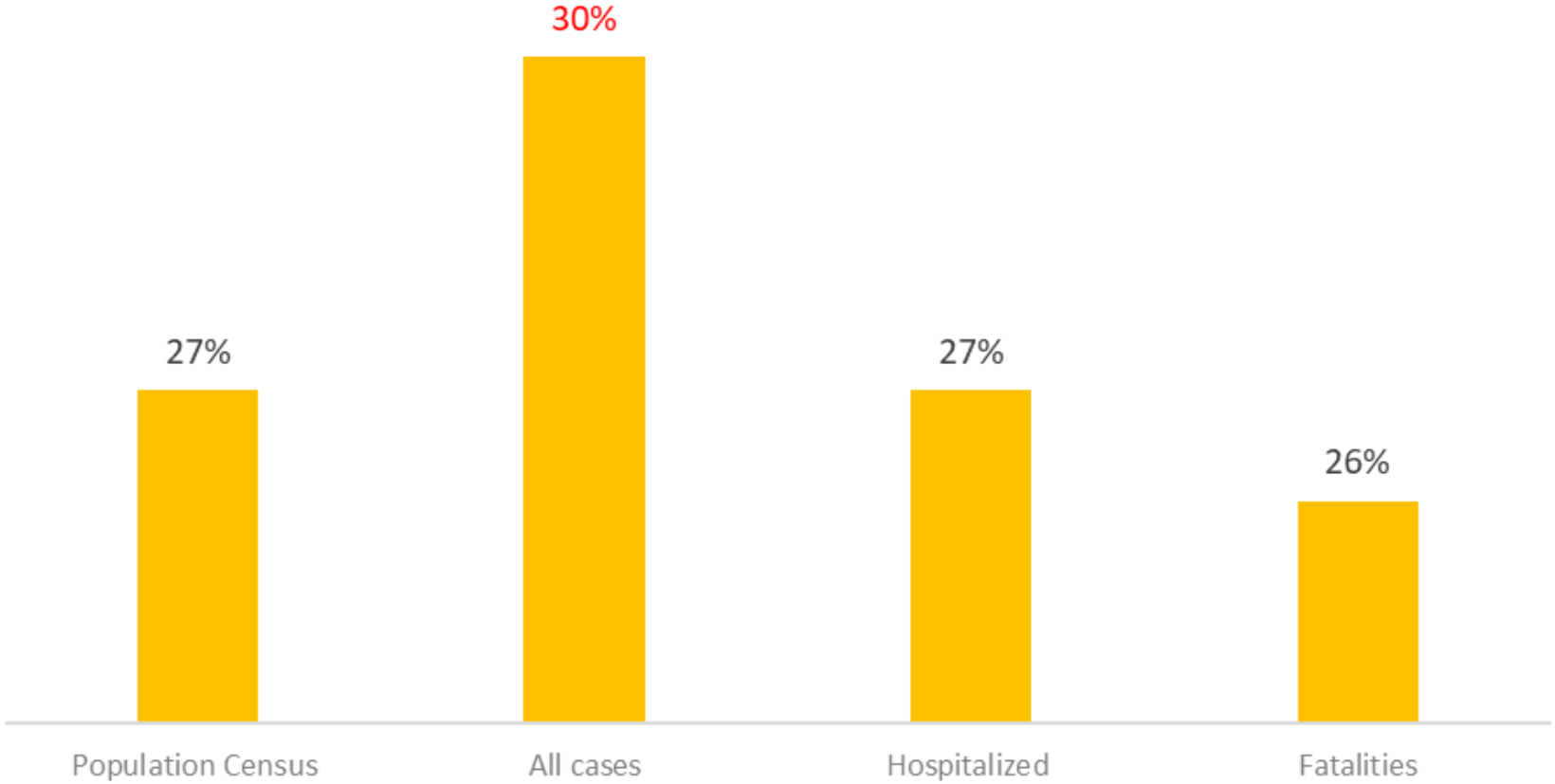
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Race & Ethnicity

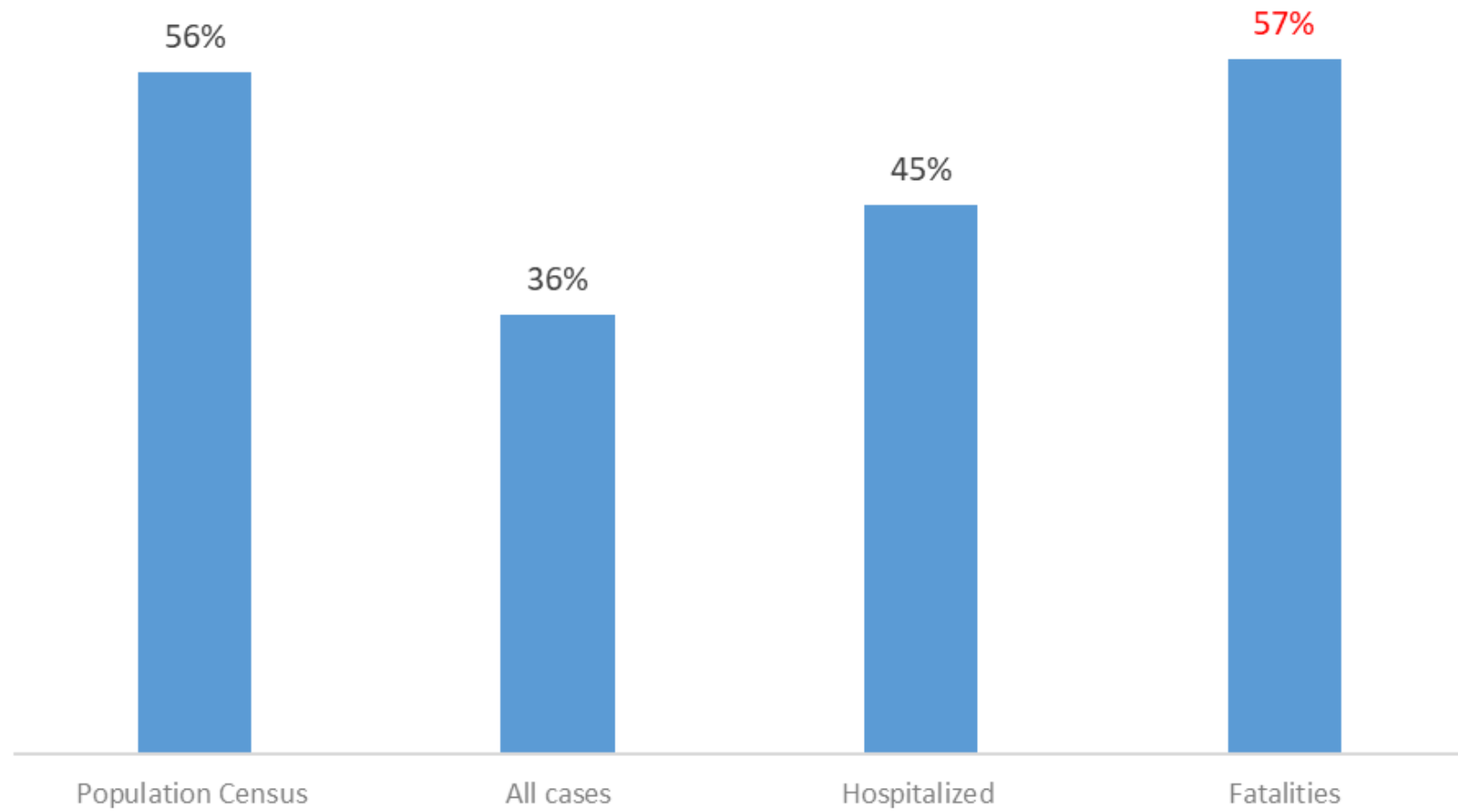


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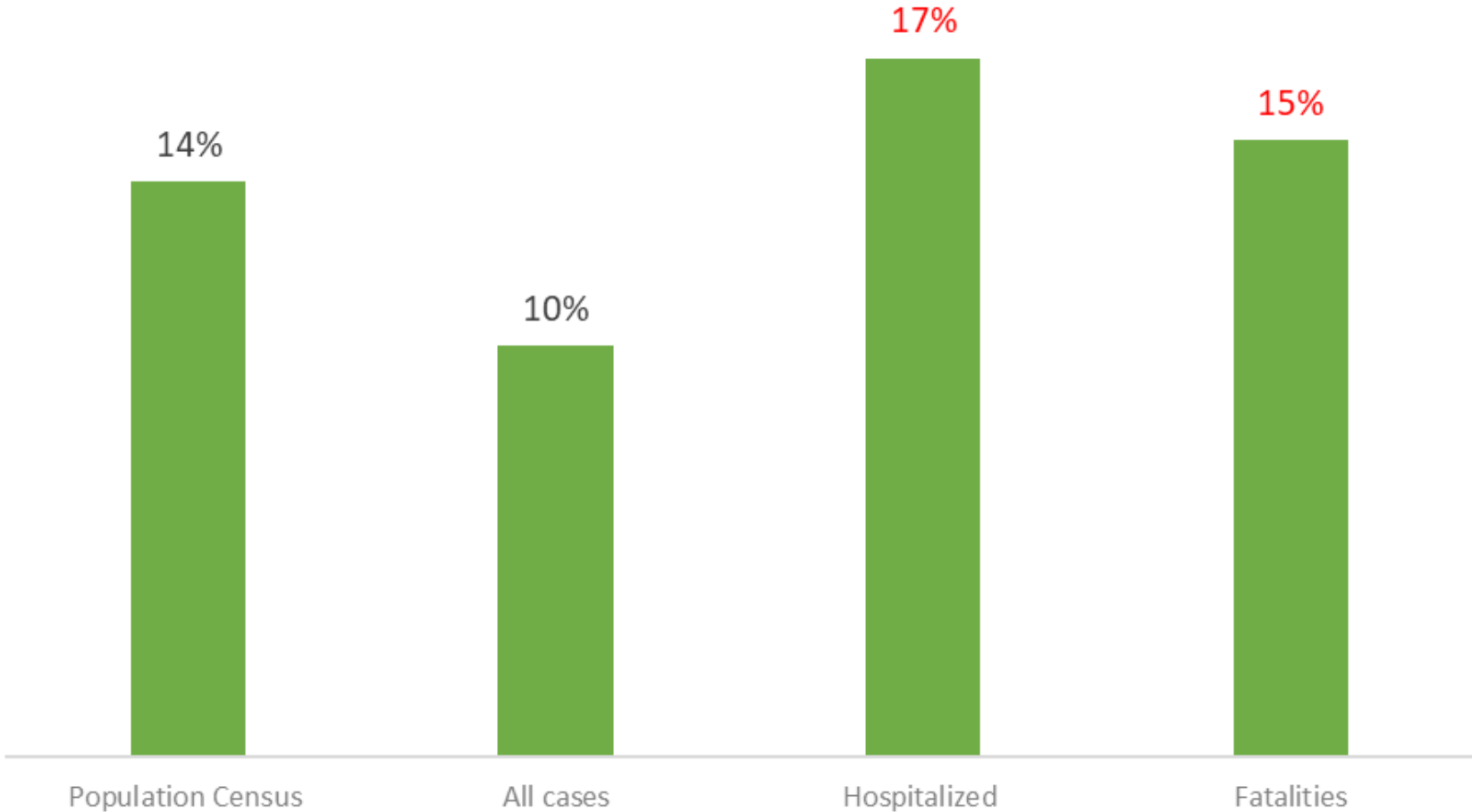
Hispanic, of any race



White, Non-Hispanic



Black, Non-Hispanic



Summary

	Cases	Hospitalizations	Fatalities
Hispanic, of any race	High	Same	Same
White, non-Hispanic	Low	Low	Same
Black, non-Hispanic	Low	High	High

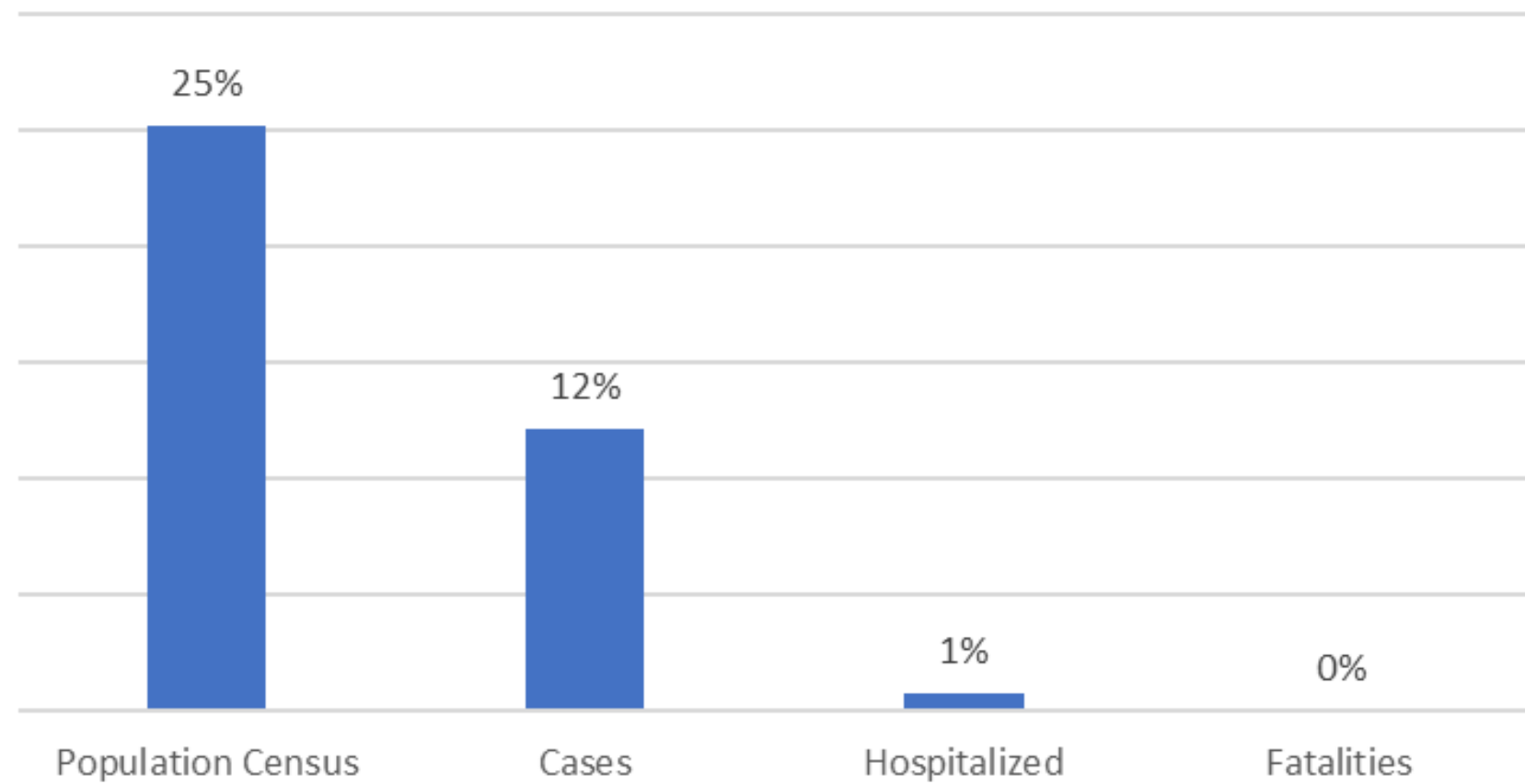


Age Ranges

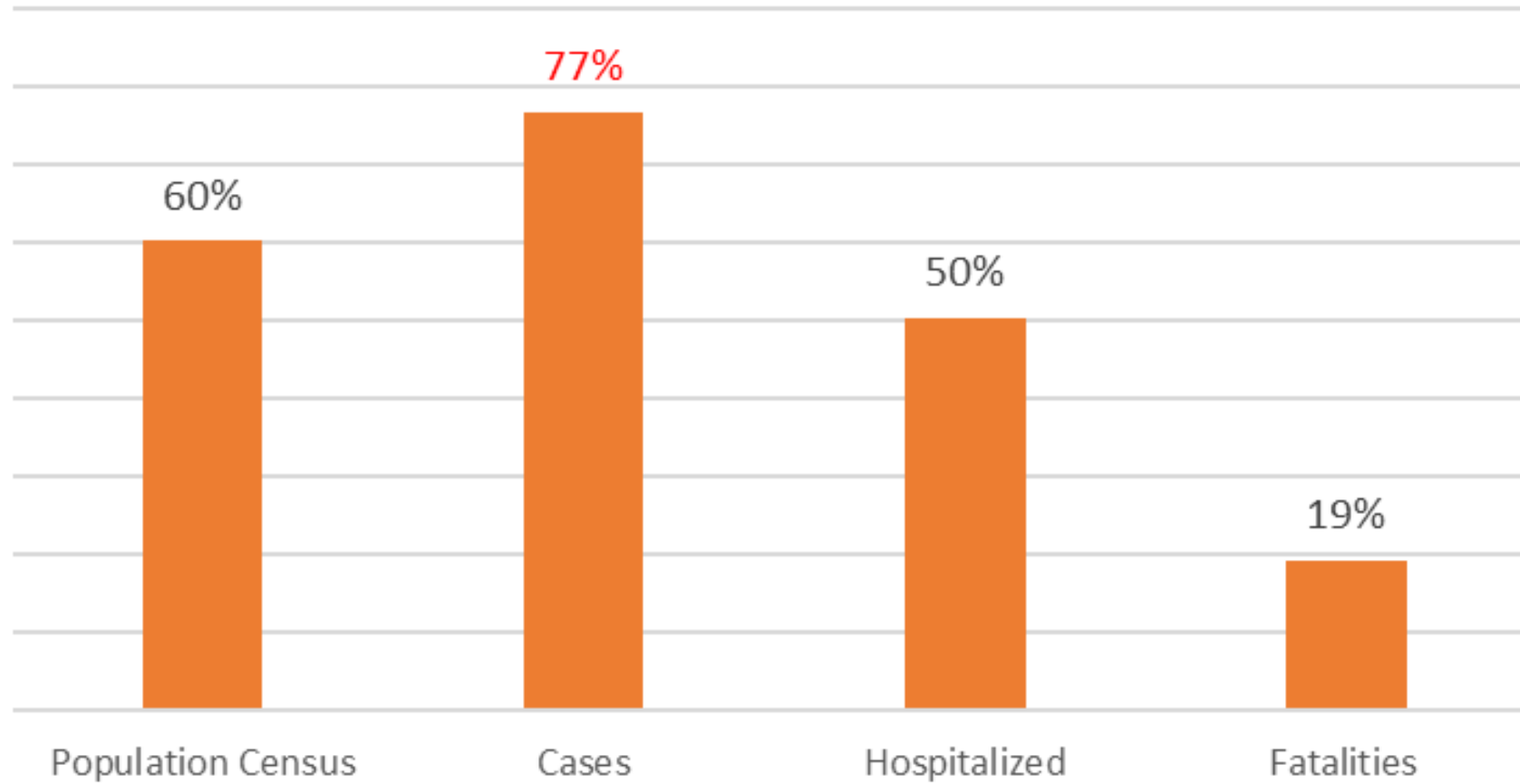


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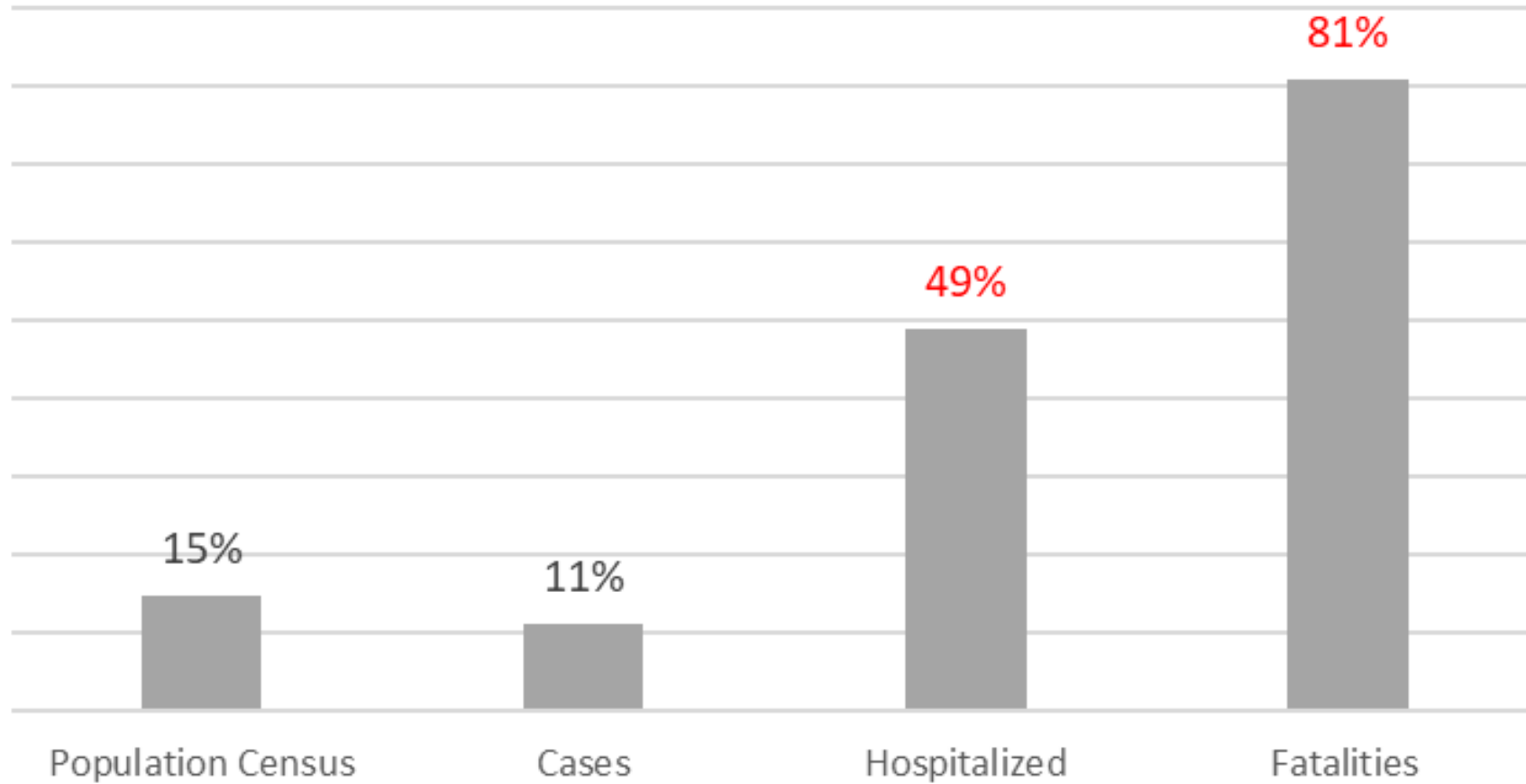
Less than 18 years of age



19-64 year olds



Older than 65 years of age



Summary

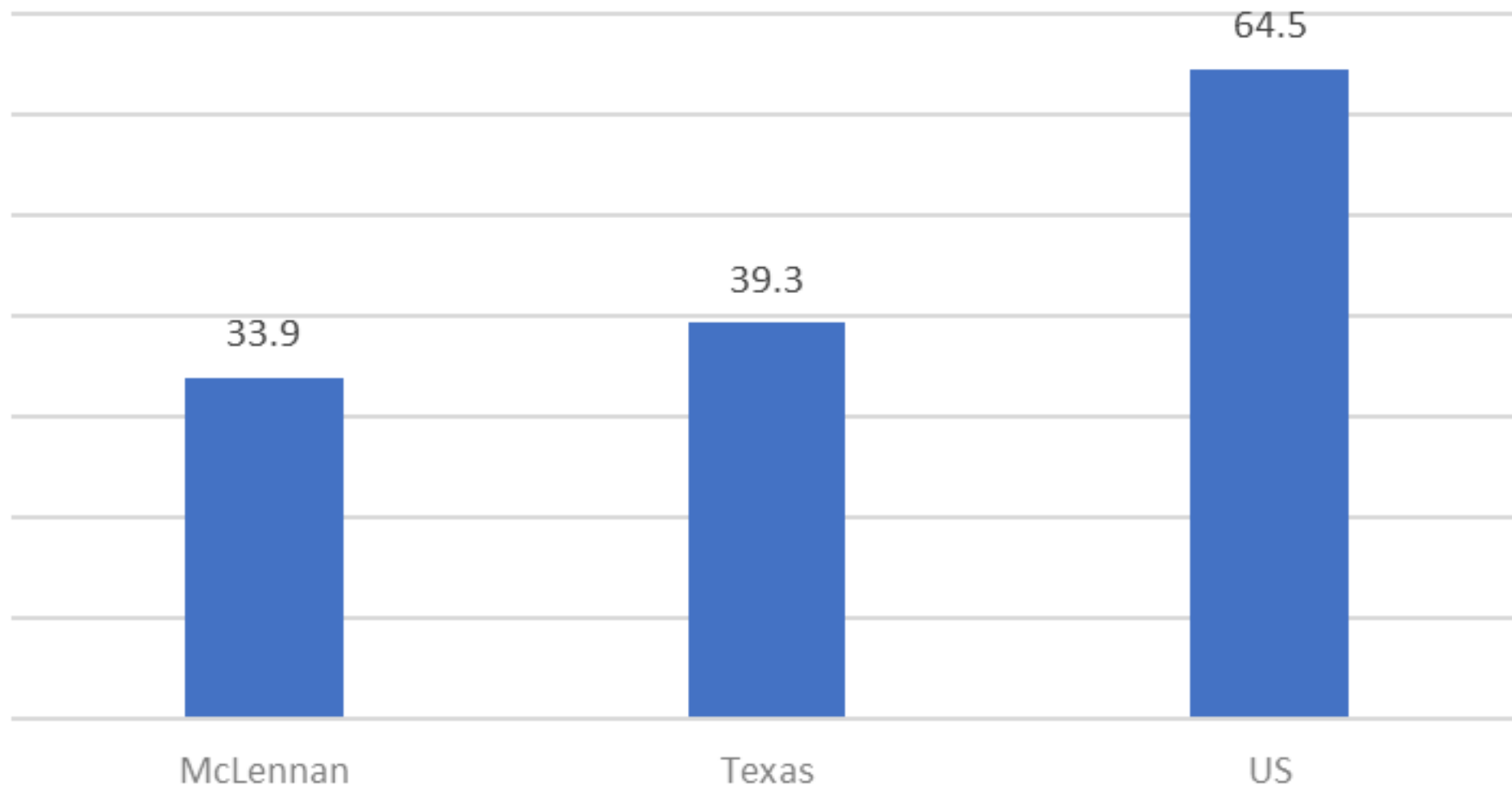
Age Range	Cases	Hospitalizations	Fatalities
<18	Low	Low	Low
19-64	High	Low	Low
65+	Low	High	High

COMPARISONS

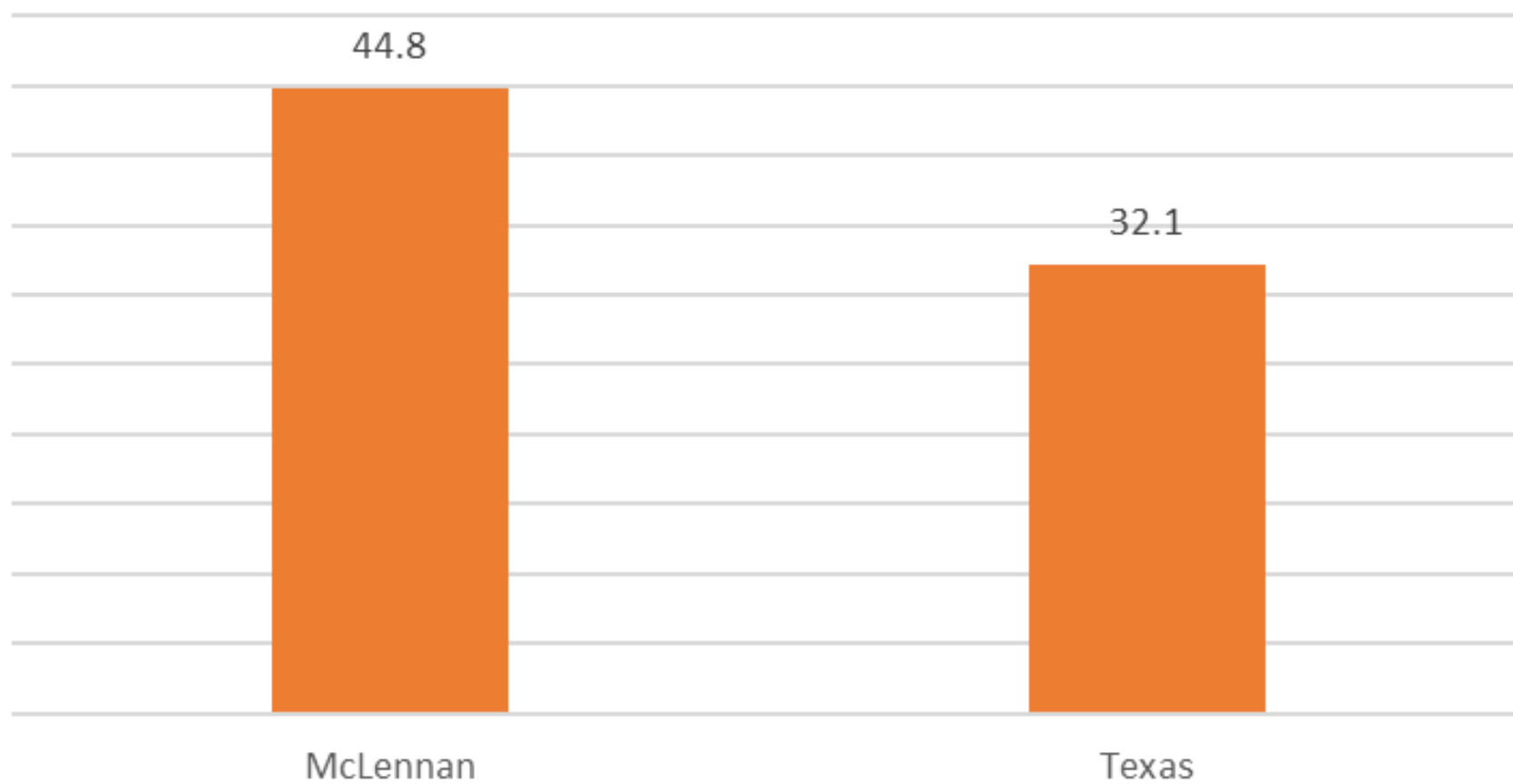


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Average daily cases per 100k in last 7 days



Current hospitalization rate per 100,000

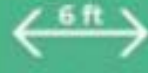


The COVID-19 pandemic is surging

Act now to slow the spread and speed up economic recovery



Wear
Masks



Maintain
Distance/
Limit Contacts



Avoid
Gatherings



Identify &
Isolate Cases



Protect
Health Care
Workers

Lives saved
Economy recovered
Community life restored



Protect
High-Risk
Groups



Conduct
Contact Tracing
& Quarantine



Postpone
Travel



Wash
Hands



Vaccinate
Widely

CDC.GOV

bit.ly/MMWR12420

MMWR

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PREPAREDNESS



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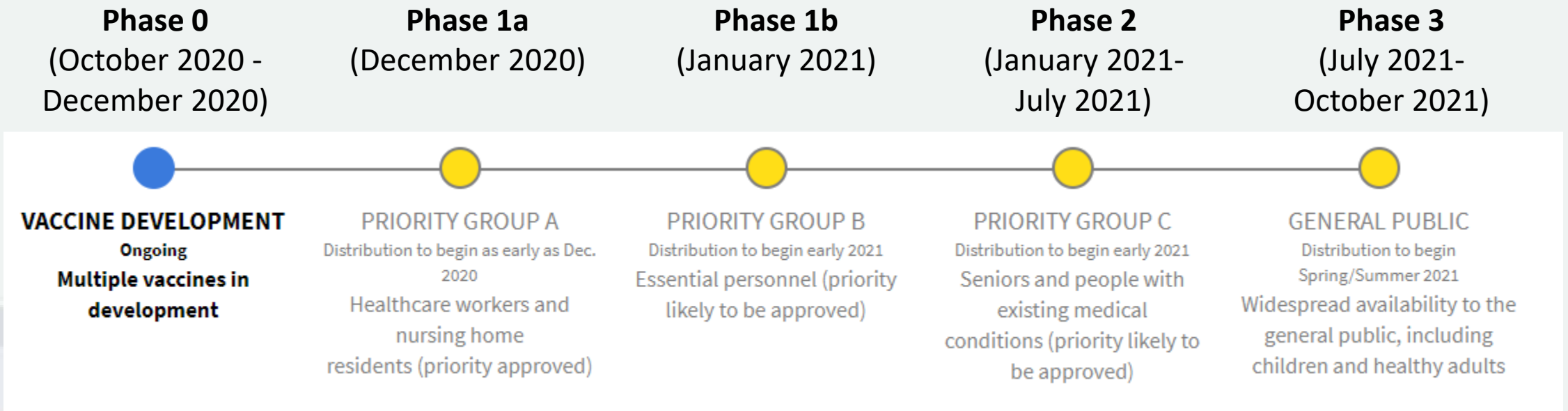
Surge Capacities

- Hospitals
 - Meeting regularly to discuss surge planning
 - Leadership updates to discuss activation
 - Transfer pattern disruptions
- Mortuary Services
 - Mortuary trailer in use
 - Monitoring status of providers

COVID-19 Vaccine Planning

- Timelines
- Vaccine Candidates
- Critical Populations
- Local Planning Efforts

COVID-19 Vaccine Planning



COVID-19 Vaccine Planning

Manufacturer	Platform	Age Group	Doses needed ²	Timing	Storage/Handling
Moderna ¹	mRNA	≥18 years	2	0, 28 days	Frozen 7 days refrigerated
Pfizer/BioNTech ¹	mRNA	>16 years	2	0, 21 days	Ultra Cold Frozen 5 days refrigerated
AstraZeneca/Oxford ¹	Non-replicating Viral Vector	≥18 years	2	0, 28 days	Refrigerated
Janssen/Johnson & Johnson ¹	Non-replicating Viral Vector	≥18 years	1	N/A	Frozen 3 months refrigerated
Novavax	Recombinant Protein Subunit	≥18 years	2	0, 21 days	Refrigerated
Sanofi/GSK	Recombinant Protein Subunit	TBD	2	TBD	Refrigerated

1. Phase 3 2: Intramuscular injection



COVID-19 Vaccine Planning

Groups and individuals may fall into multiple categories. Definitions, and recommendations to prioritize among and within groups are in development.	
Essential workers	<ul style="list-style-type: none"> Healthcare personnel (i.e. EMS, hospital staff, vaccinators, pharmacy and long-term care staff) Other essential workers (i.e. first responders, education, others with critical roles who cannot easily socially distance)
People at increased risk for severe COVID-19 illness	<ul style="list-style-type: none"> People 65 years of age and older LTCF residents (i.e., nursing home, assisted living, others) People with underlying medical conditions that are risk factors for severe COVID-19 illness
People at increased risk of acquiring or transmitting COVID-19	<ul style="list-style-type: none"> People from racial and ethnic minority groups People from tribal communities People who are incarcerated/detained in correctional facilities People experiencing homelessness/living in shelters People attending colleges/universities People living in other congregate settings
People with limited access to routine vaccination services	<ul style="list-style-type: none"> People living in rural communities People with disabilities People who are under- or un-insured

Phase 1A

COVID-19 Vaccine Planning

Medical Countermeasures Plans

Strategy #1 – Establish a local COVID-19 Vaccine Planning Coalition

Strategy #2 – Promote awareness and provide education on efficacy and safety of the vaccine

Strategy #3 – Identify & address logistical needs of vaccine distribution

Strategy #4 – Plan for community wide/mass vaccination

Next Steps

- Continue to host COVID-19 Vaccine Planning Coalitions meetings
- Enrolled provider outreach
- Identify gaps in vaccine availability for Phase 1a personnel
- Communication campaigns

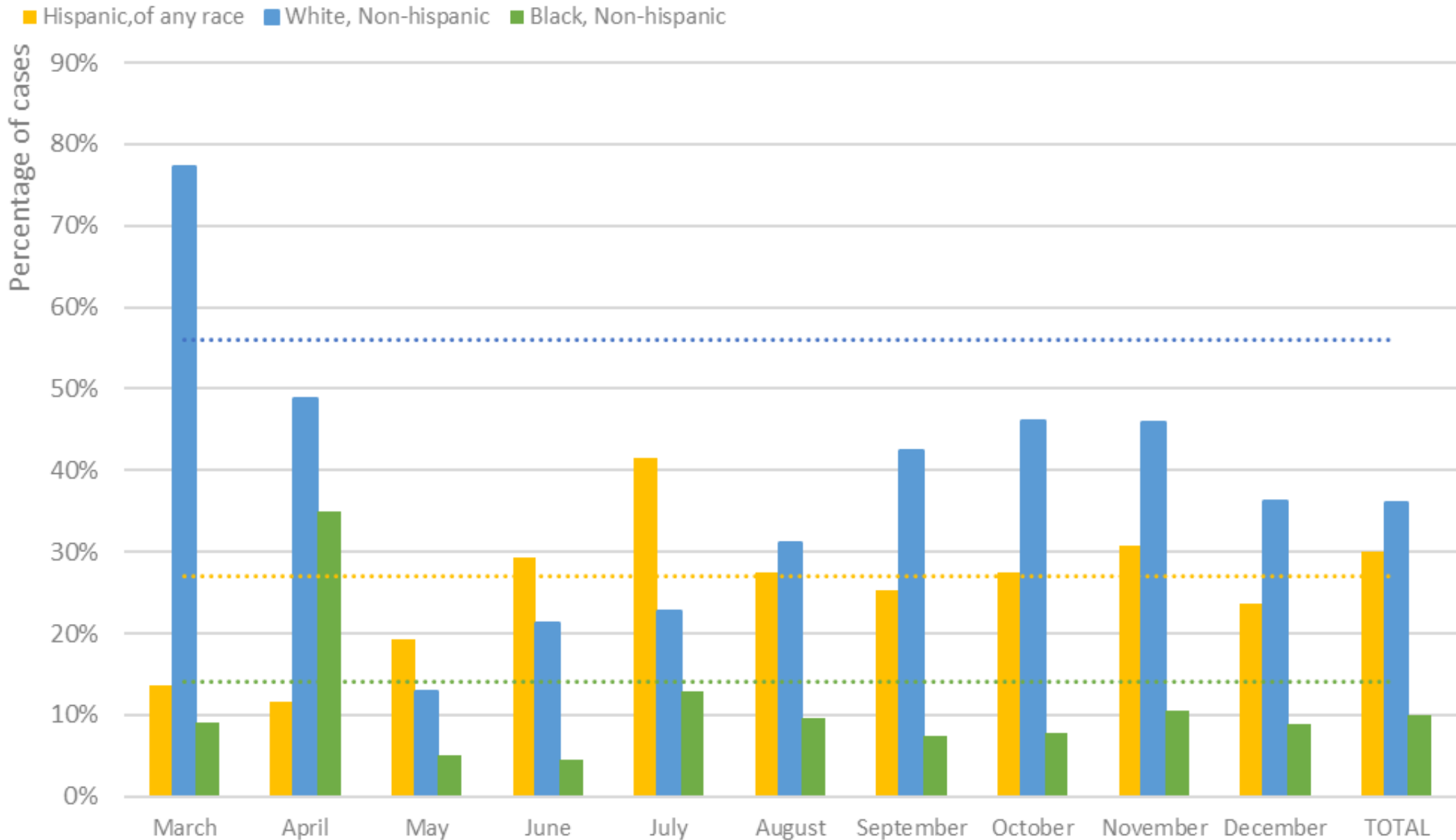
Thank you!



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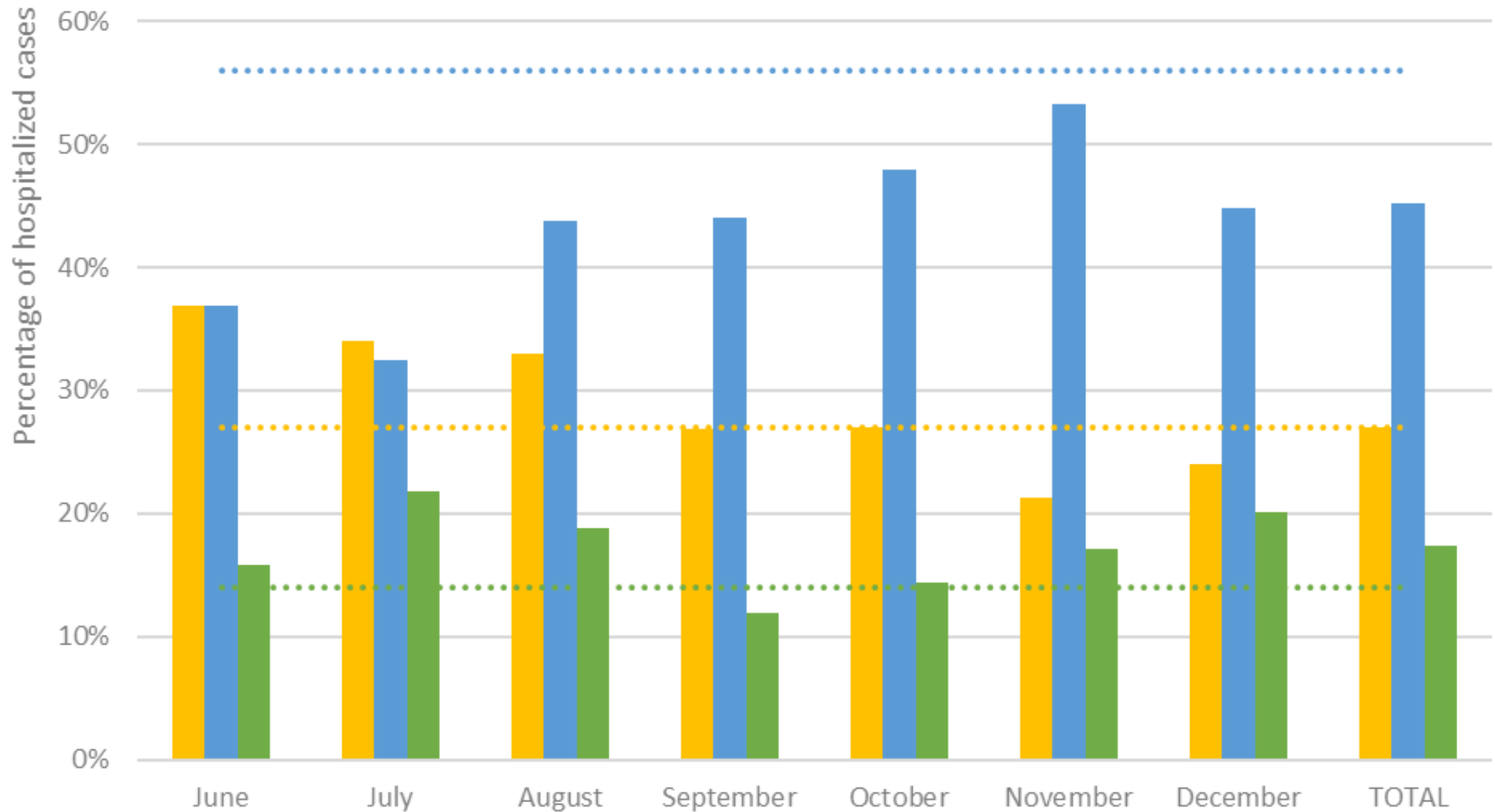
APPENDIX

Race & Ethnicity of reported cases



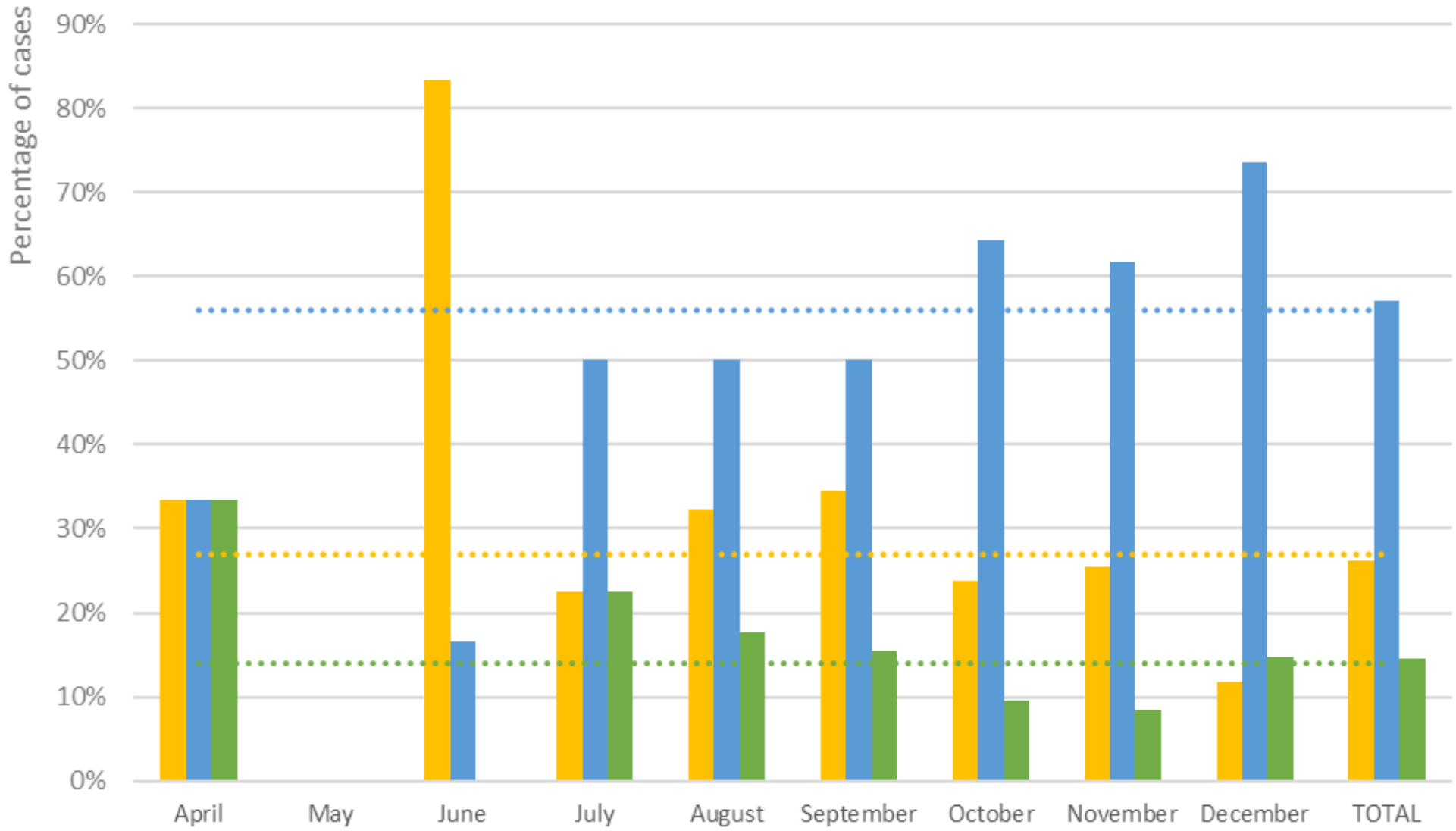
Race & Ethnicity of hospitalized cases

■ Hispanic, of any race ■ White, Non-hispanic ■ Black, Non-hispanic



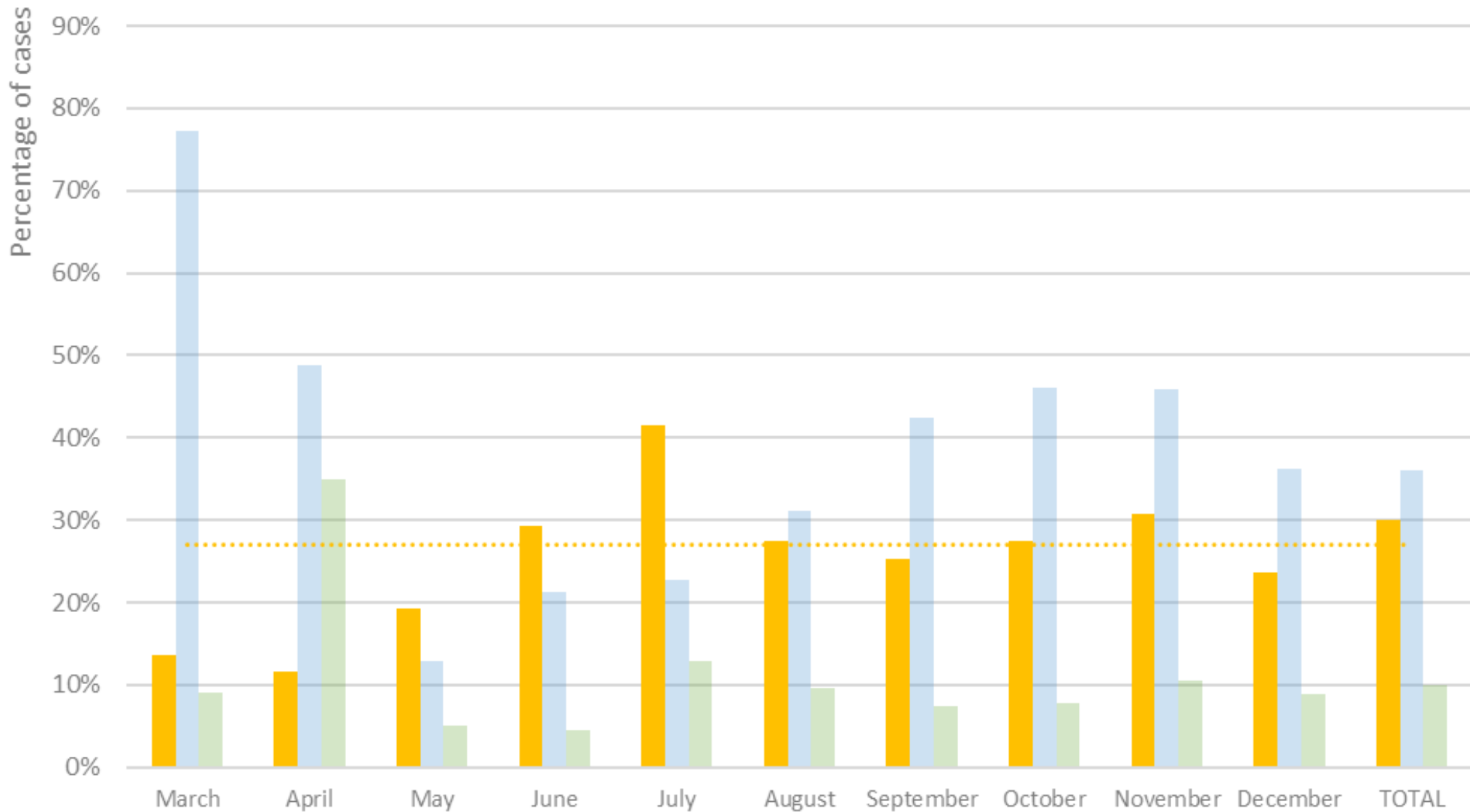
Race & Ethnicity of fatalities

■ Hispanic, of any race ■ White, Non-hispanic ■ Black, Non-hispanic



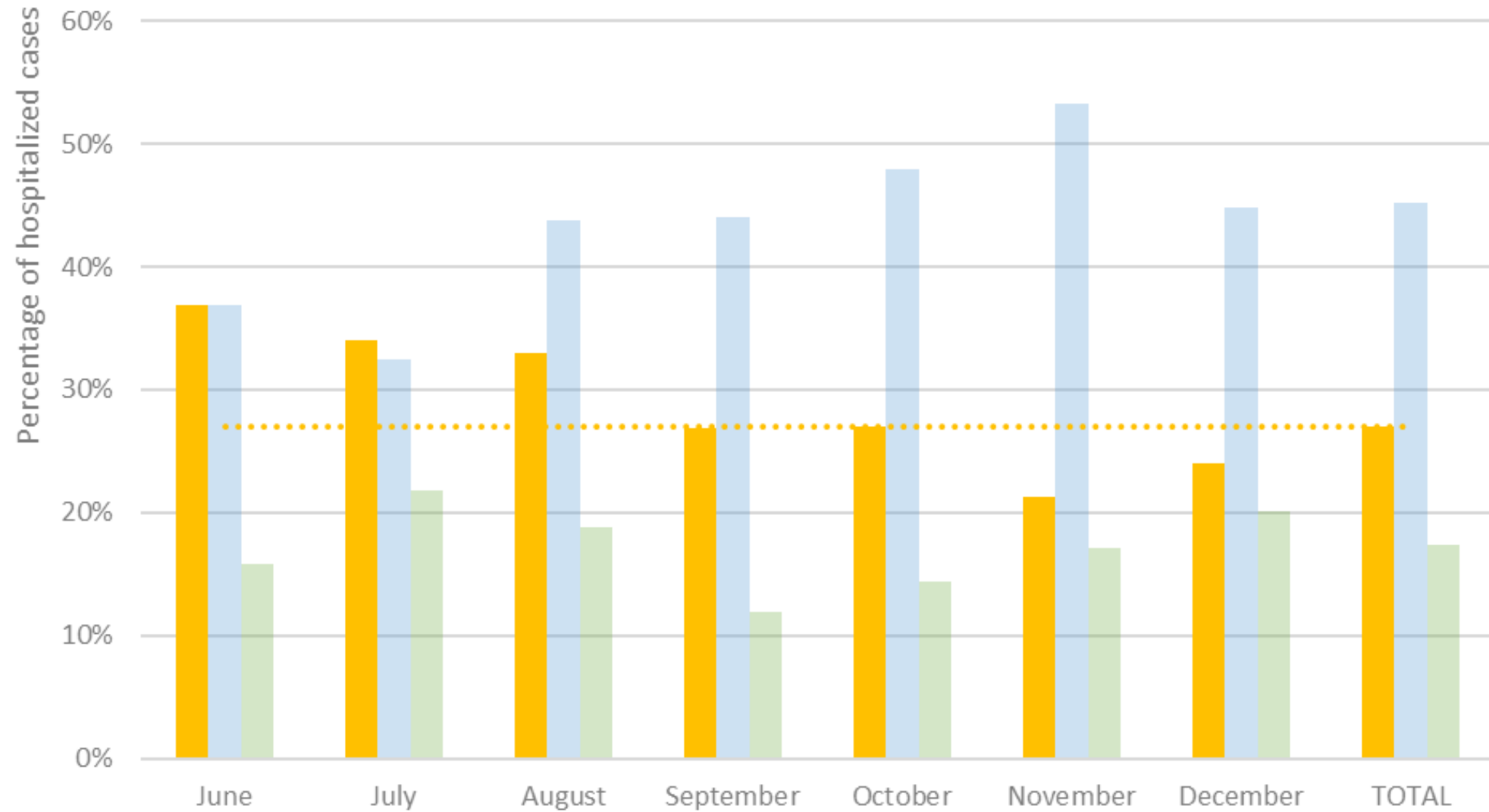
Race & Ethnicity of reported cases (Hispanic)

■ Hispanic, of any race ■ White, Non-hispanic ■ Black, Non-hispanic



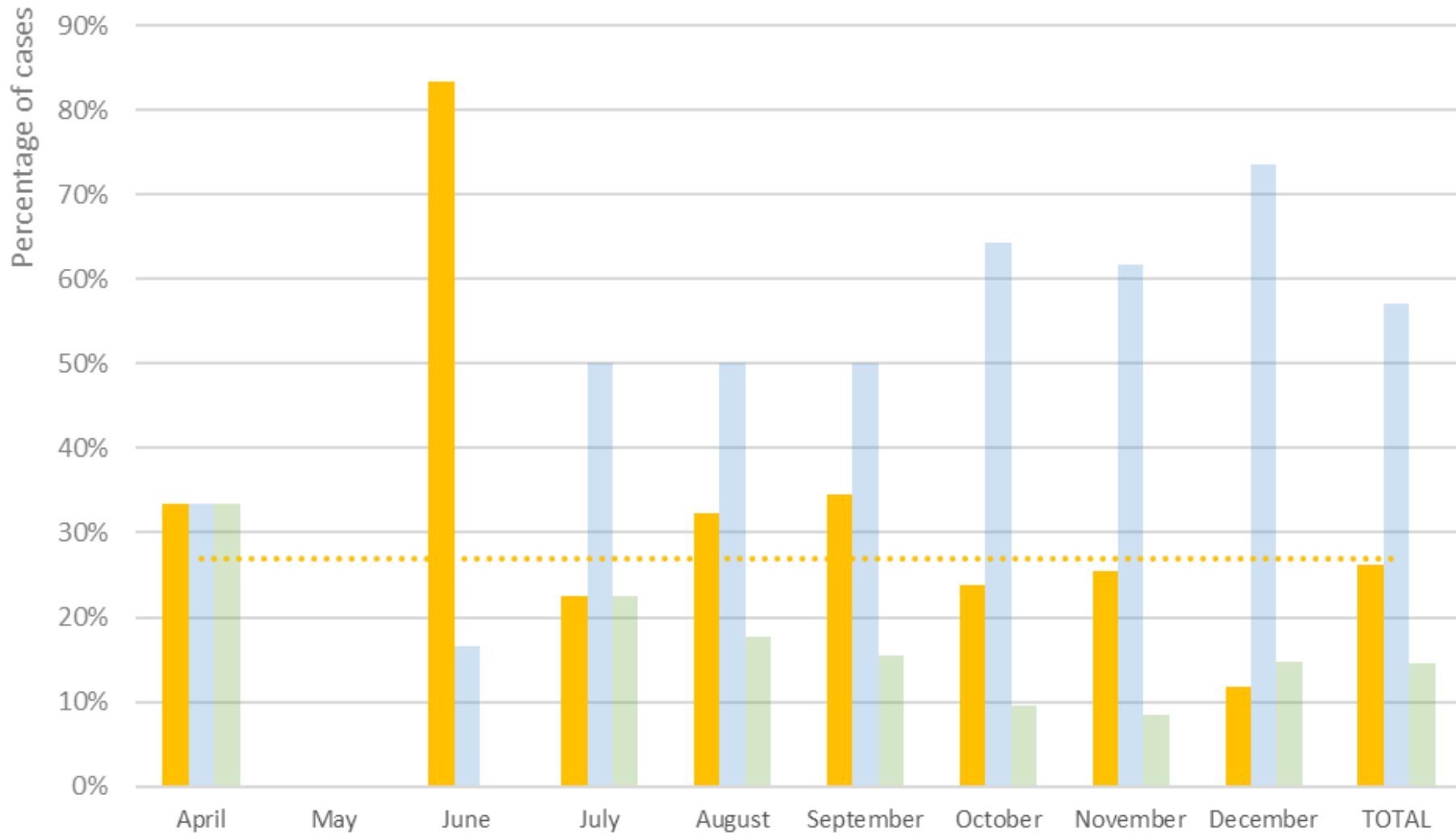
Race & Ethnicity of hospitalized cases (Hispanic)

■ Hispanic, of any race ■ White, Non-hispanic ■ Black, Non-hispanic



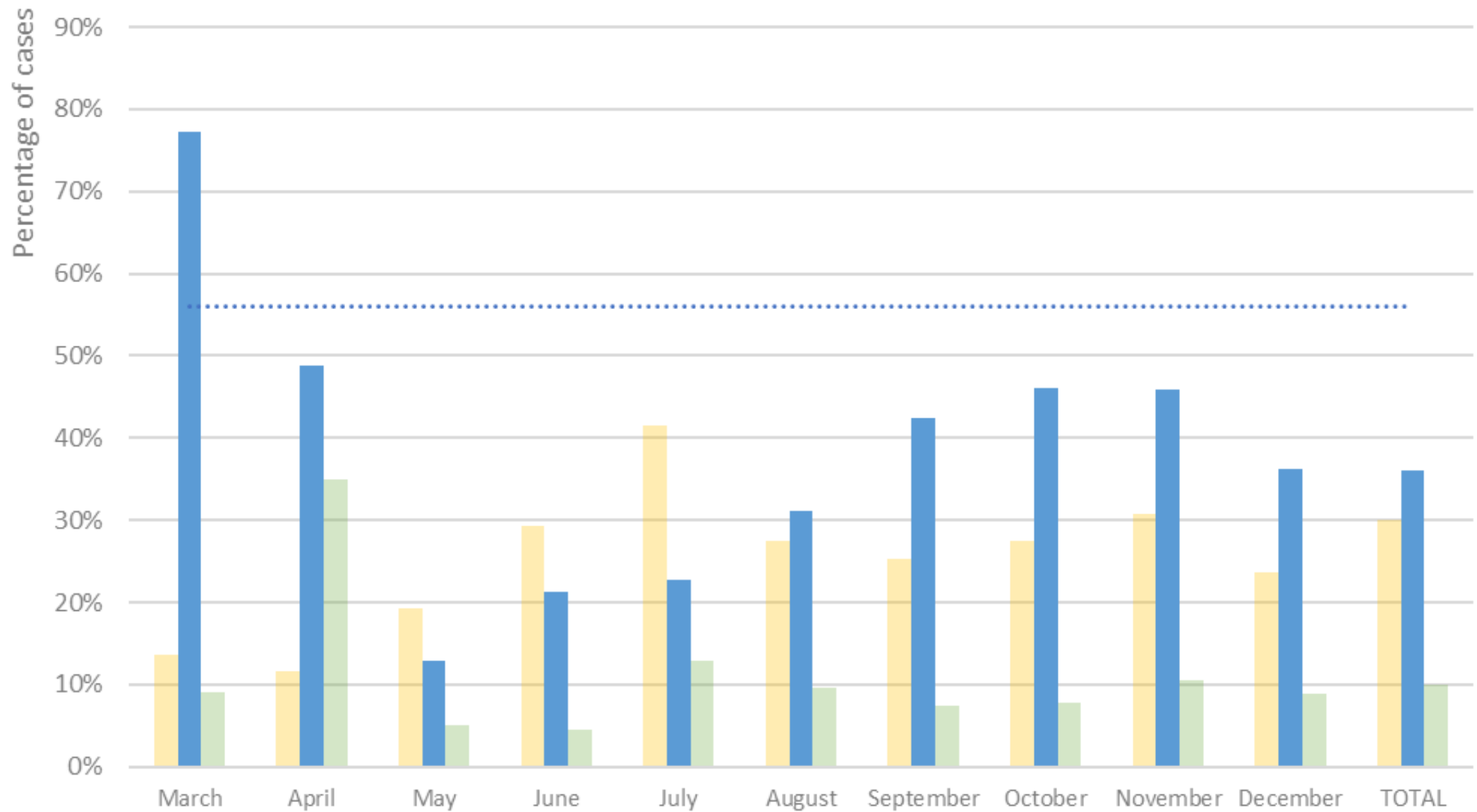
Race & Ethnicity of fatalities (Hispanic)

■ Hispanic, of any race ■ White, Non-hispanic ■ Black, Non-hispanic



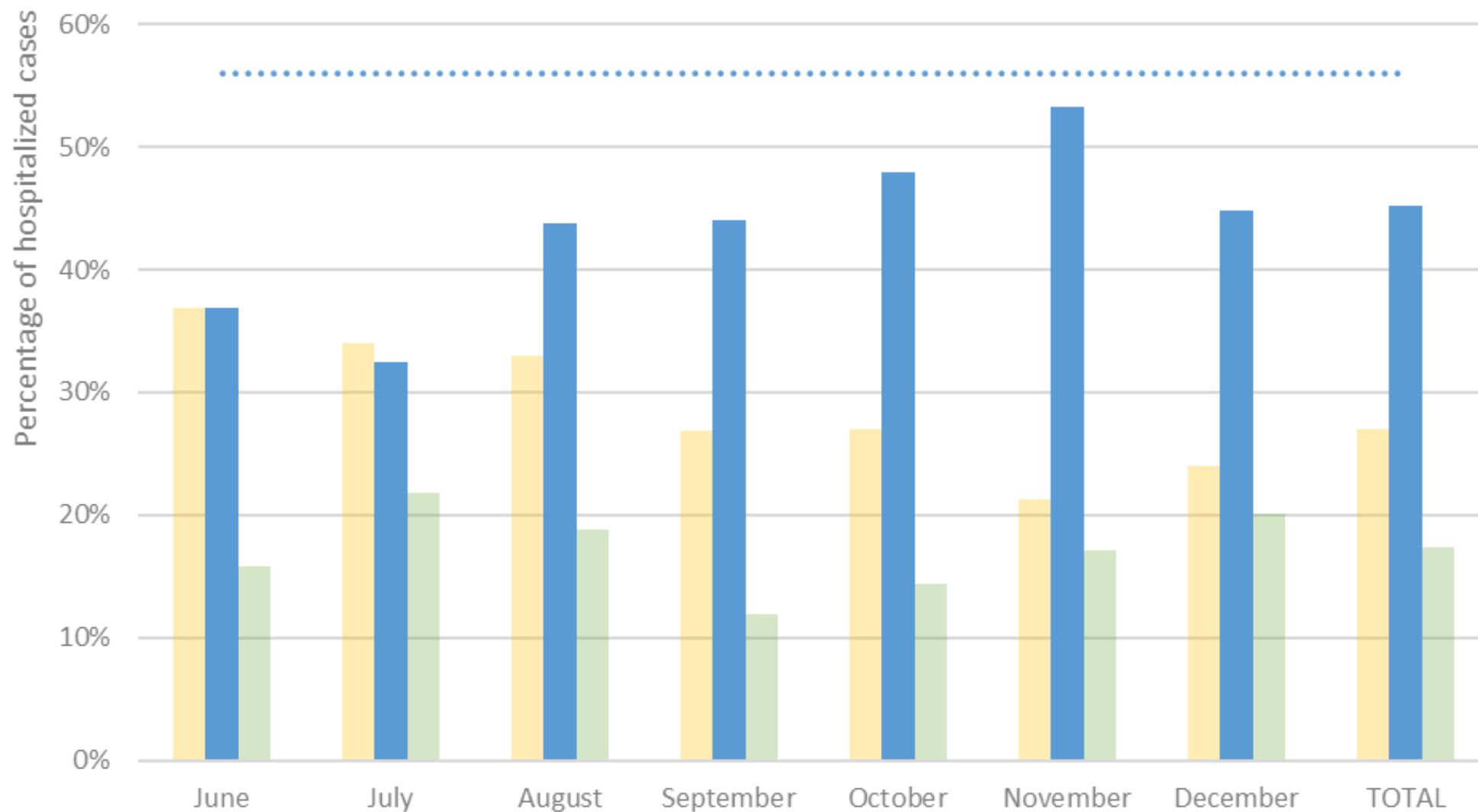
Race & Ethnicity of reported cases (White)

■ Hispanic, of any race ■ White, Non-hispanic ■ Black, Non-hispanic



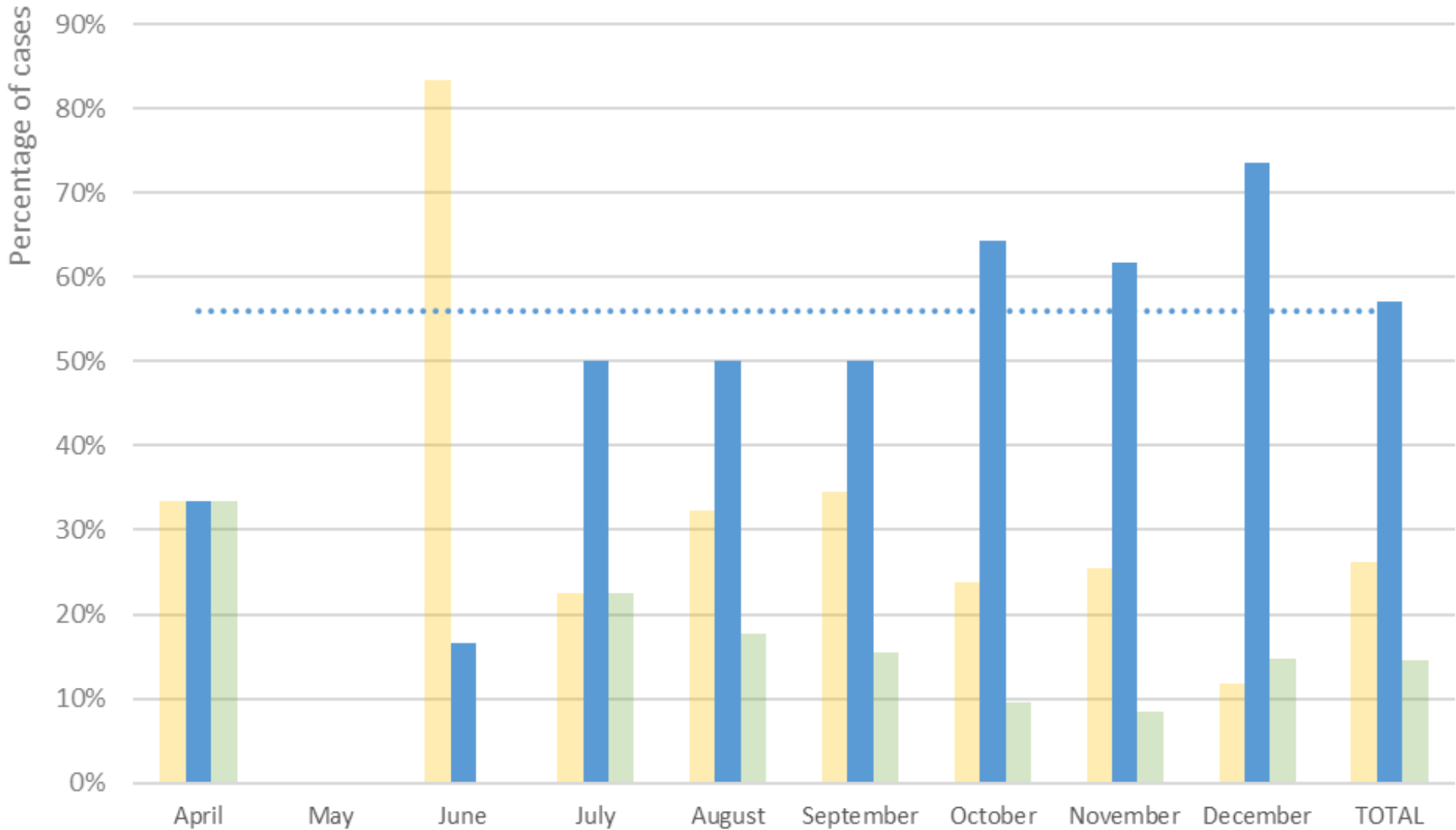
Race & Ethnicity of hospitalized cases (White)

Hispanic, of any race White, Non-hispanic Black, Non-hispanic



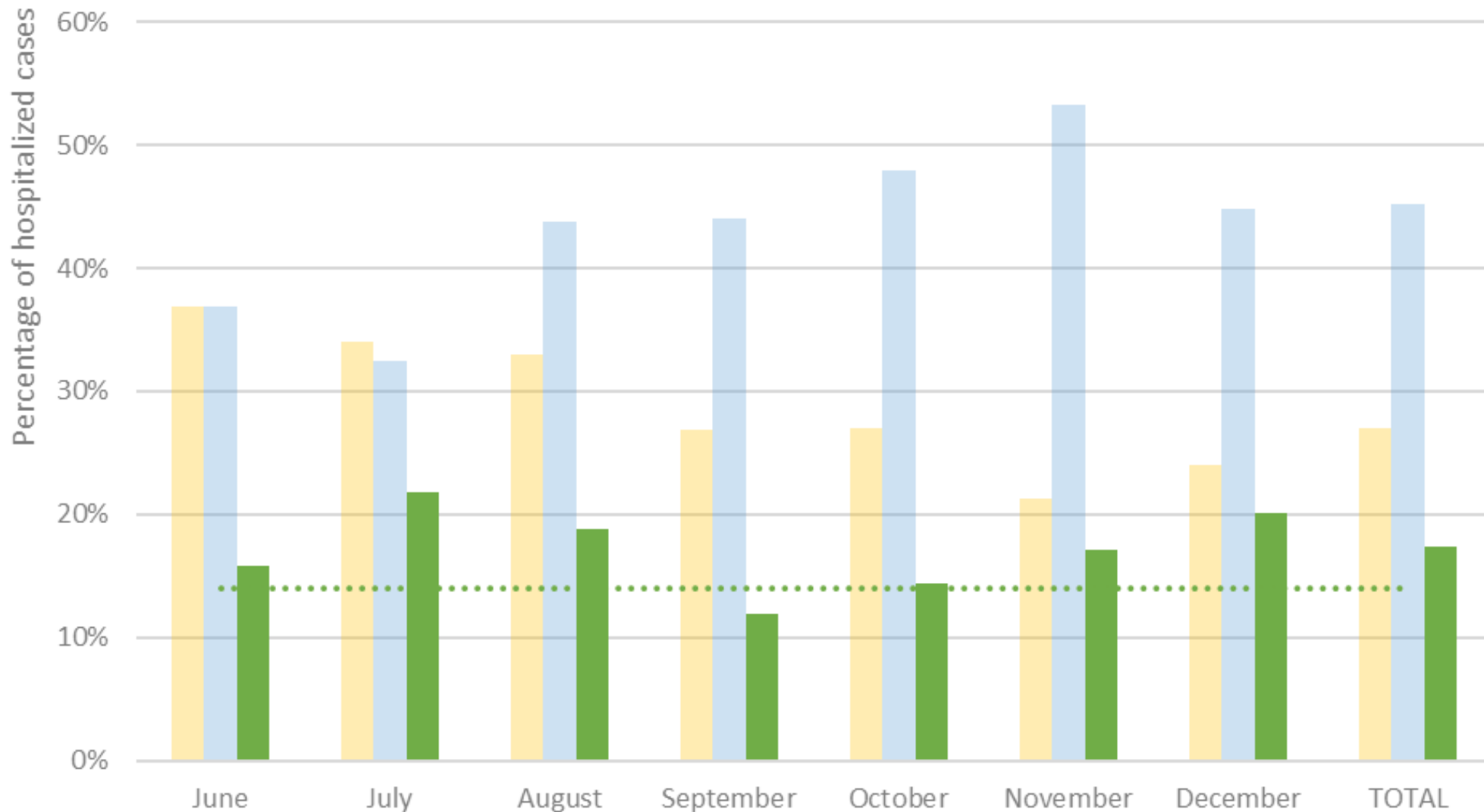
Race & Ethnicity of fatalities (White)

Hispanic, of any race White, Non-hispanic Black, Non-hispanic



Race & Ethnicity of hospitalized cases (Black)

Hispanic, of any race White, Non-hispanic Black, Non-hispanic



Race & Ethnicity of fatalities (Black)

Hispanic, of any race White, Non-hispanic Black, Non-hispanic

