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KCITE
COVID-19 impacts – OGL observations

July 9, 2020

COVID-19 Daily New Cases

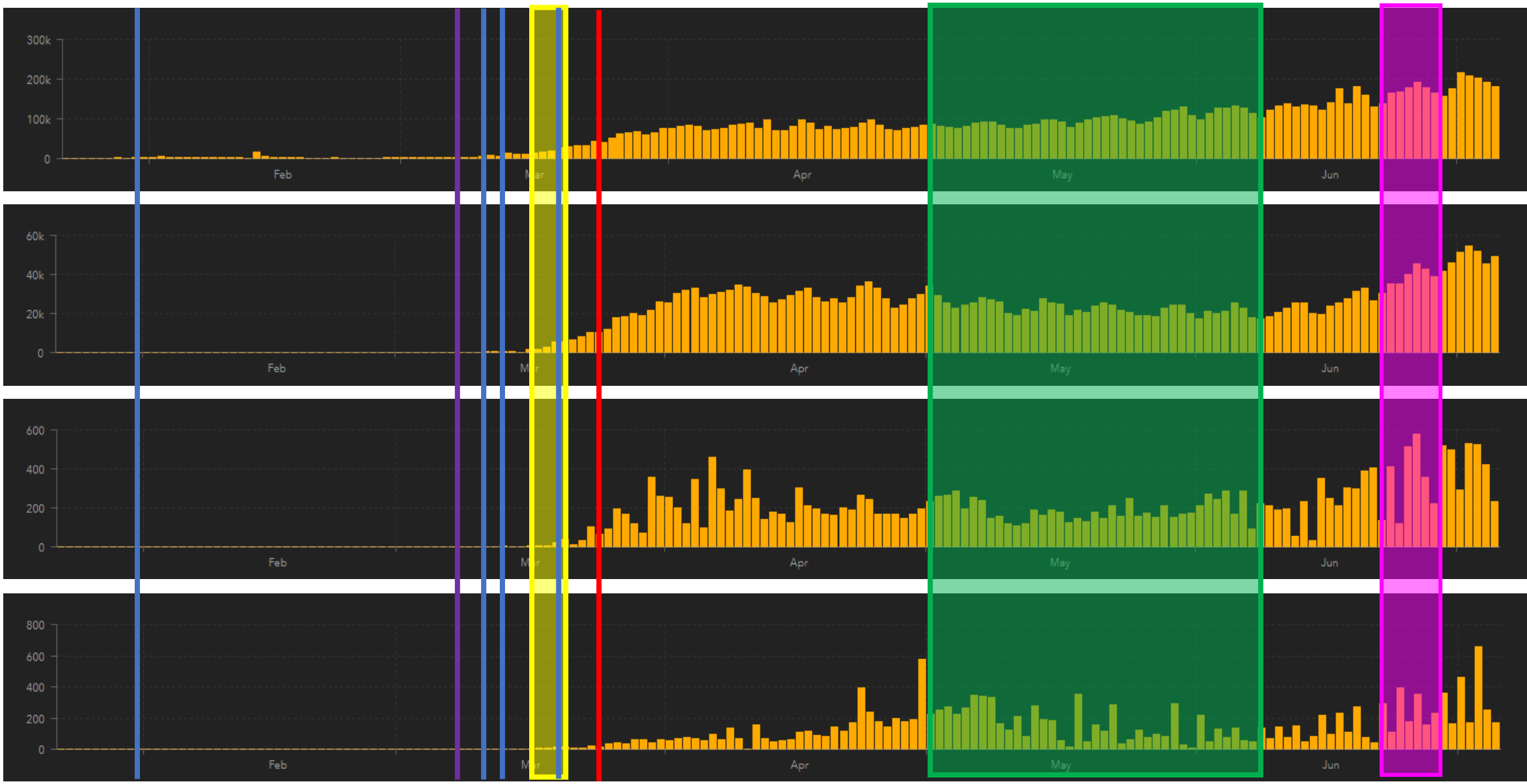
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World

US

MO

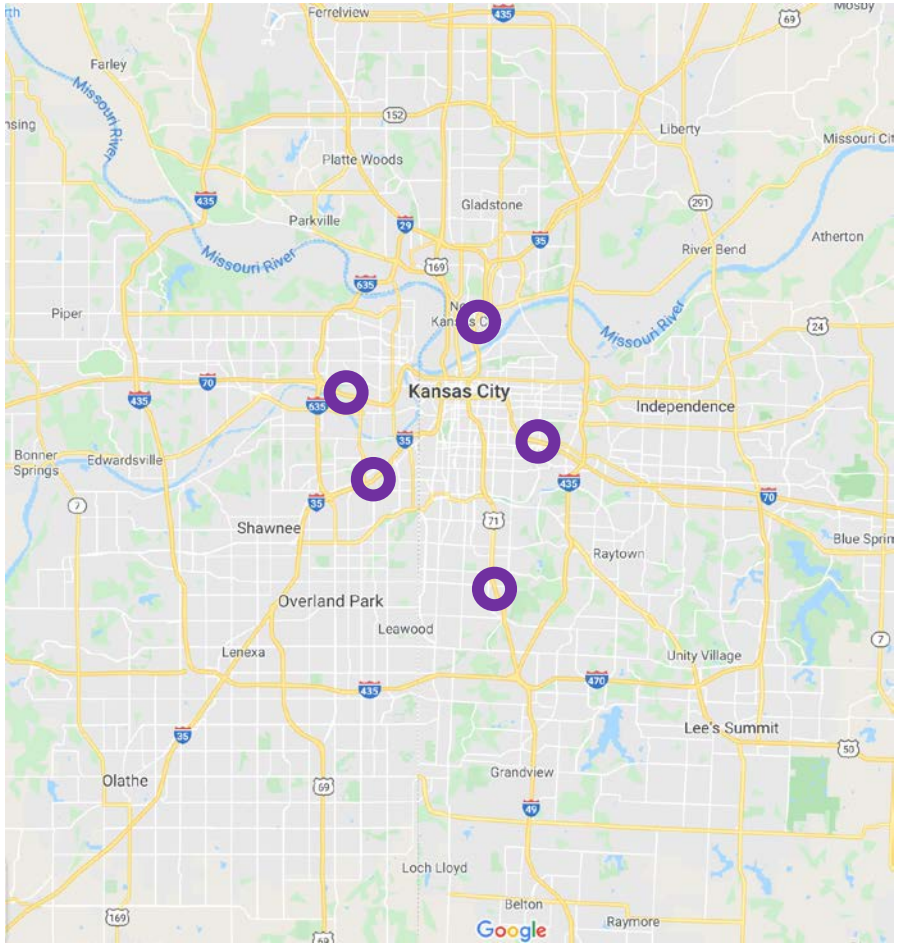
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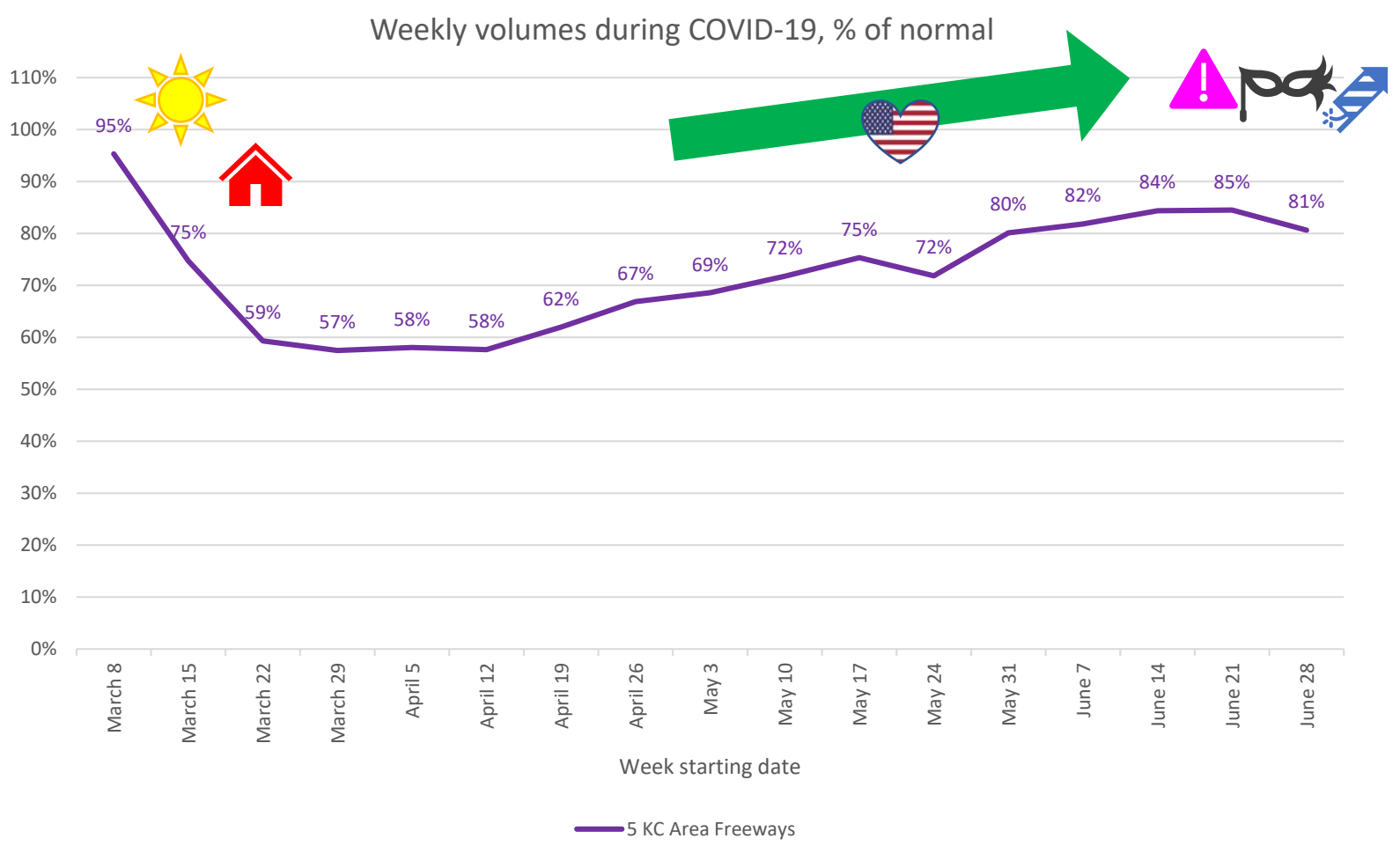


Source: John Hopkins University Covid-19 dashboard

COVID-19 Traffic Volumes

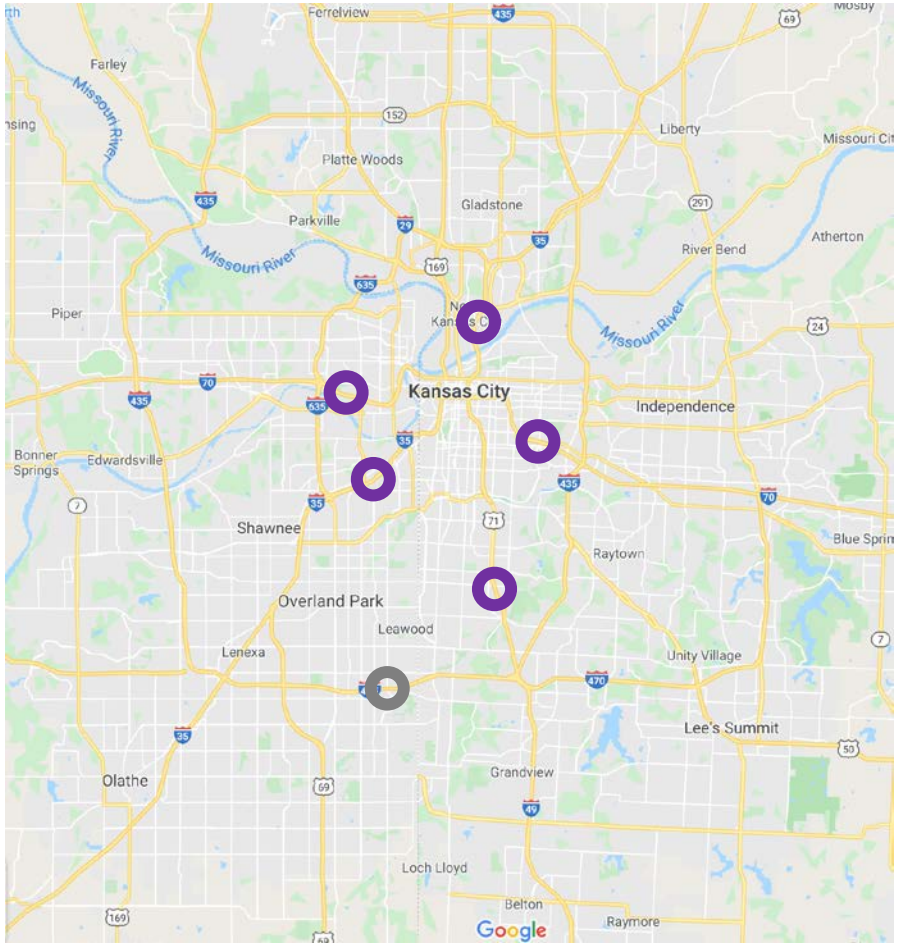
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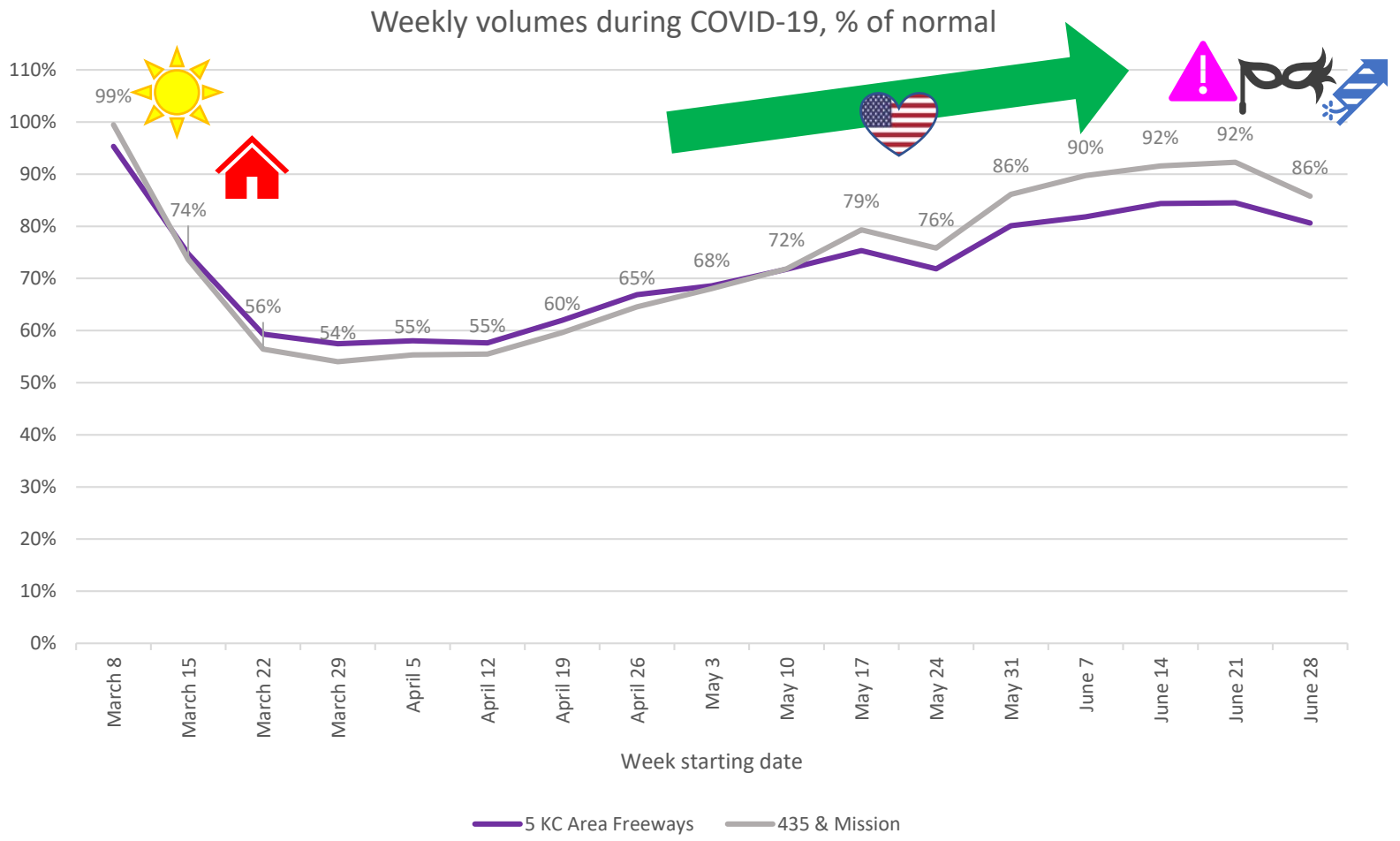




COVID-19 Traffic Volumes

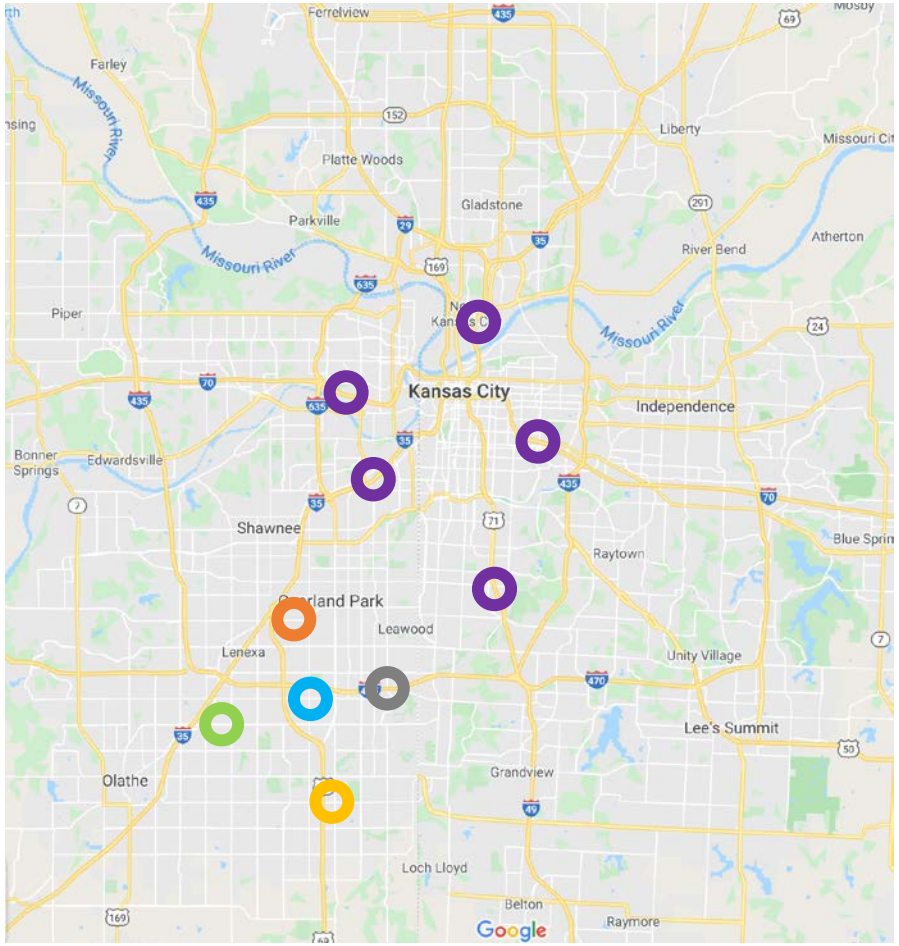
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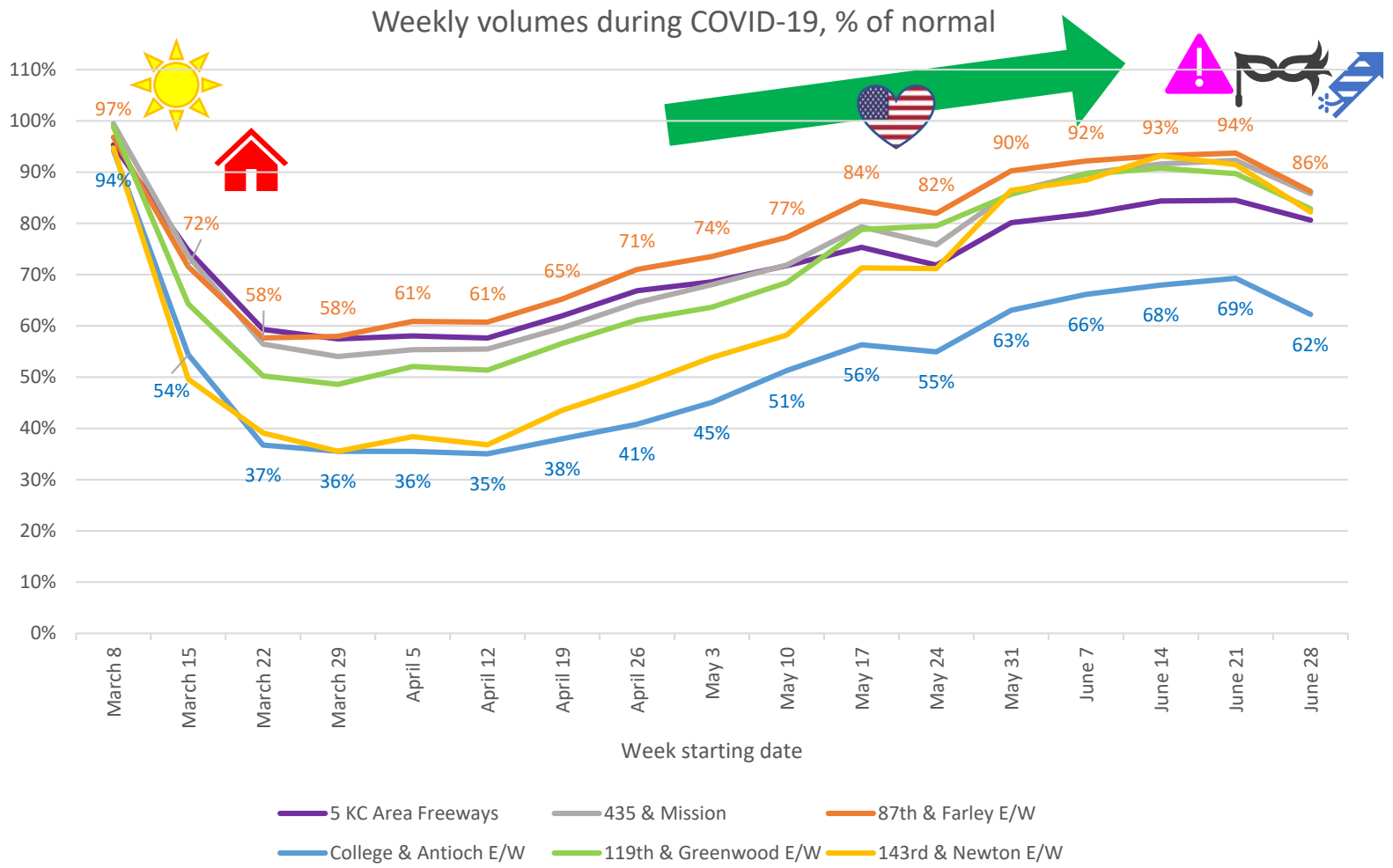




COVID-19 Traffic Volumes

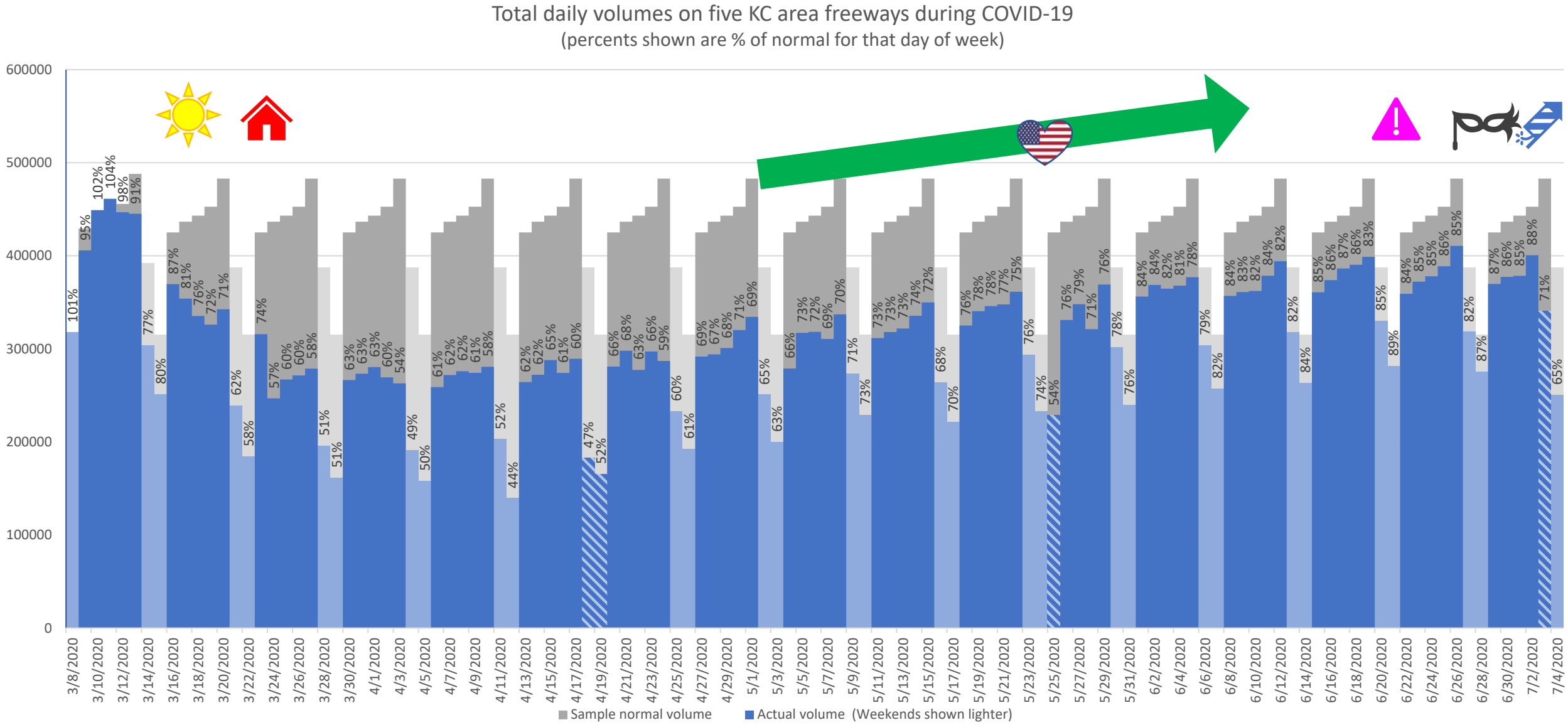
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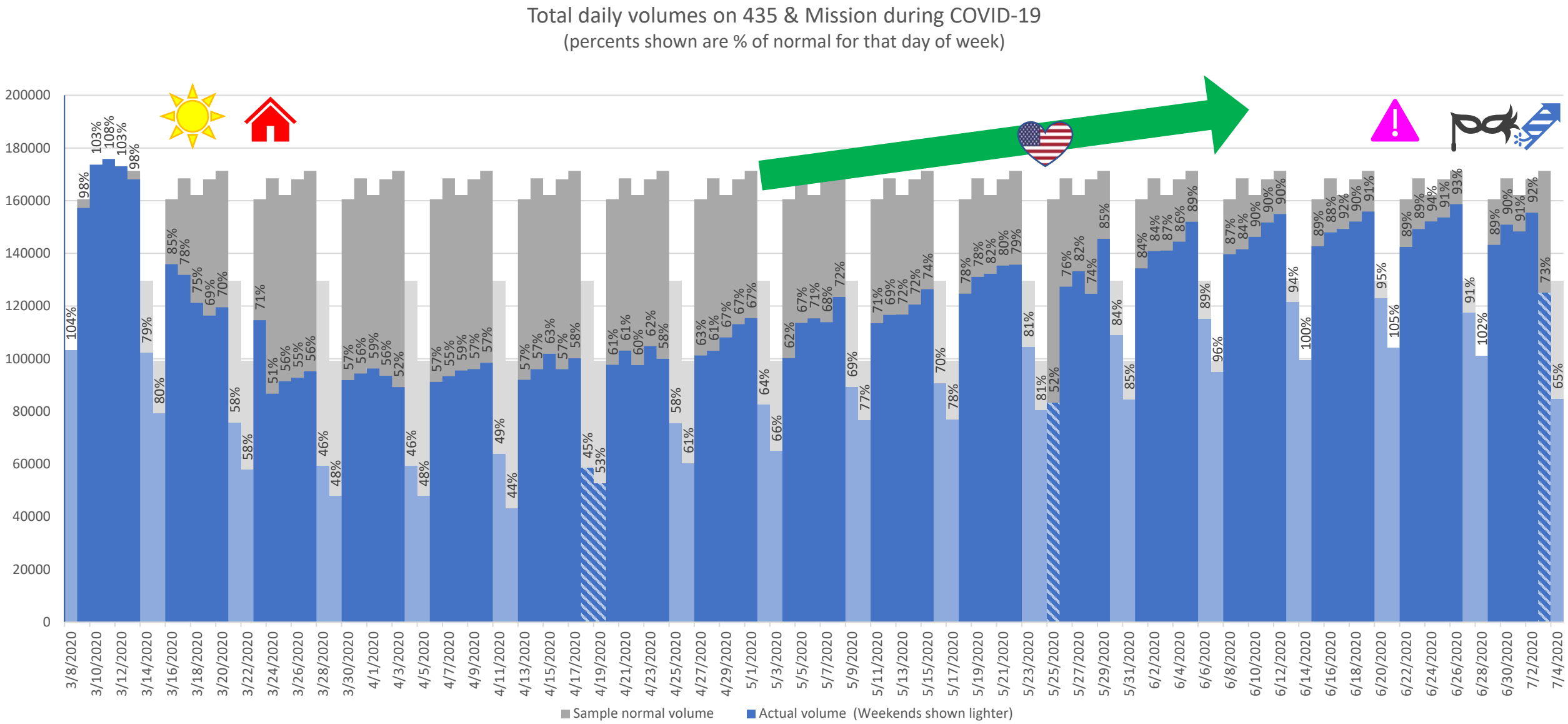
COVID-19 Traffic Volumes

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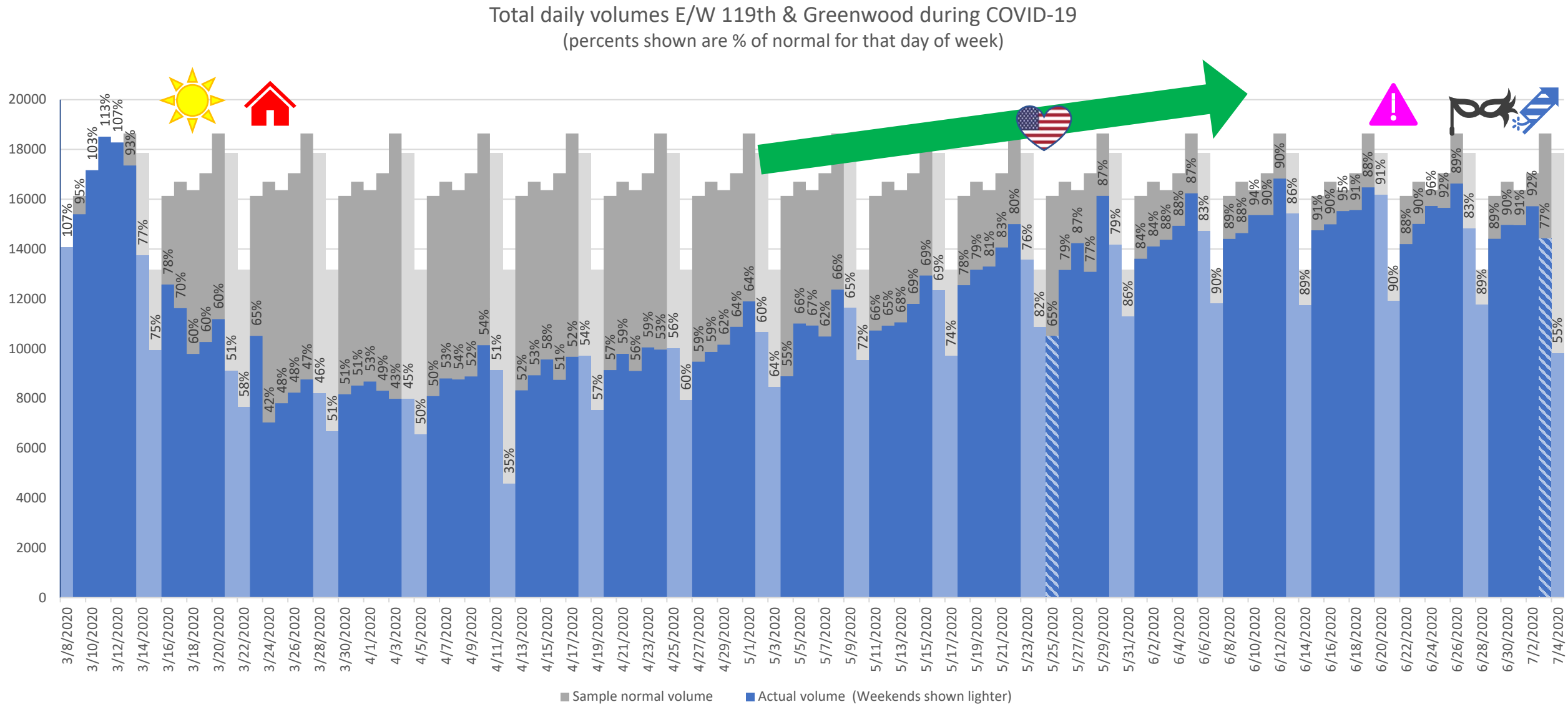
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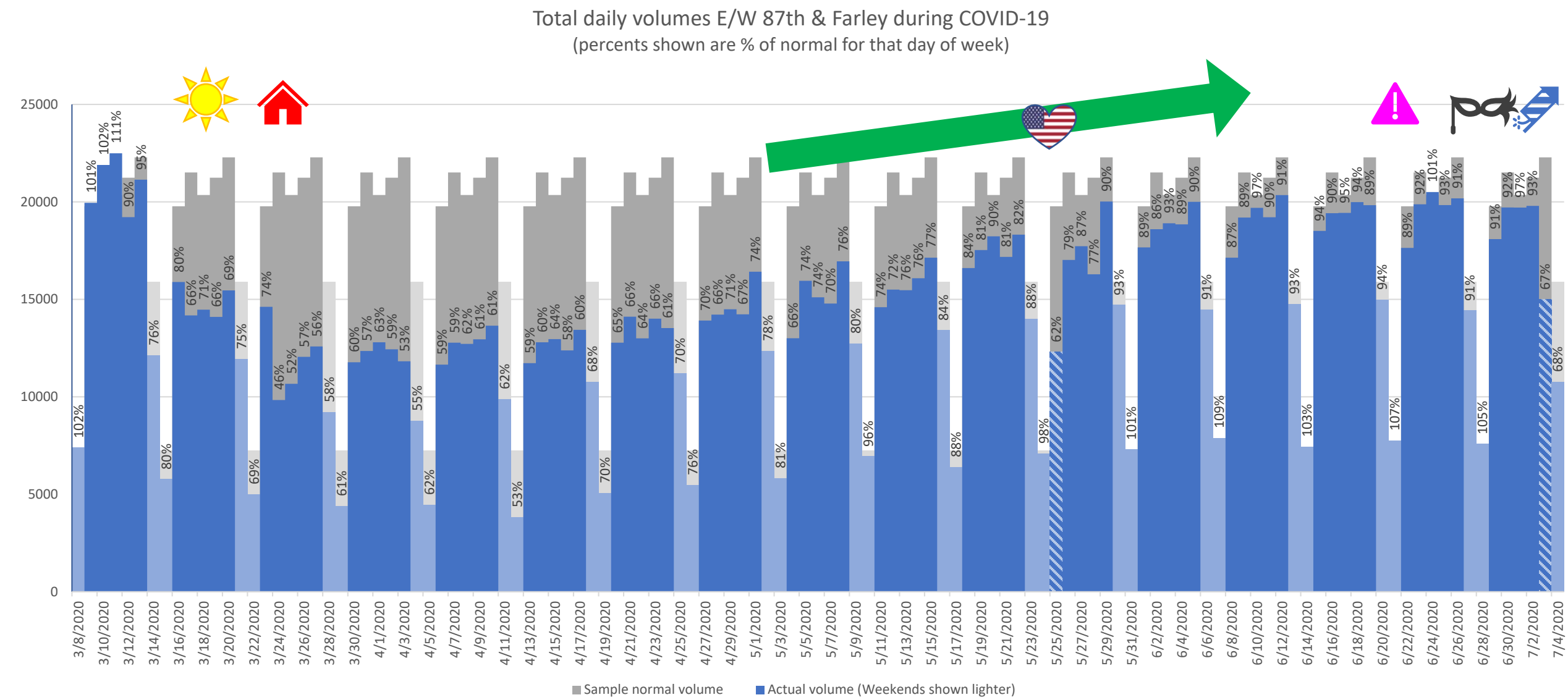
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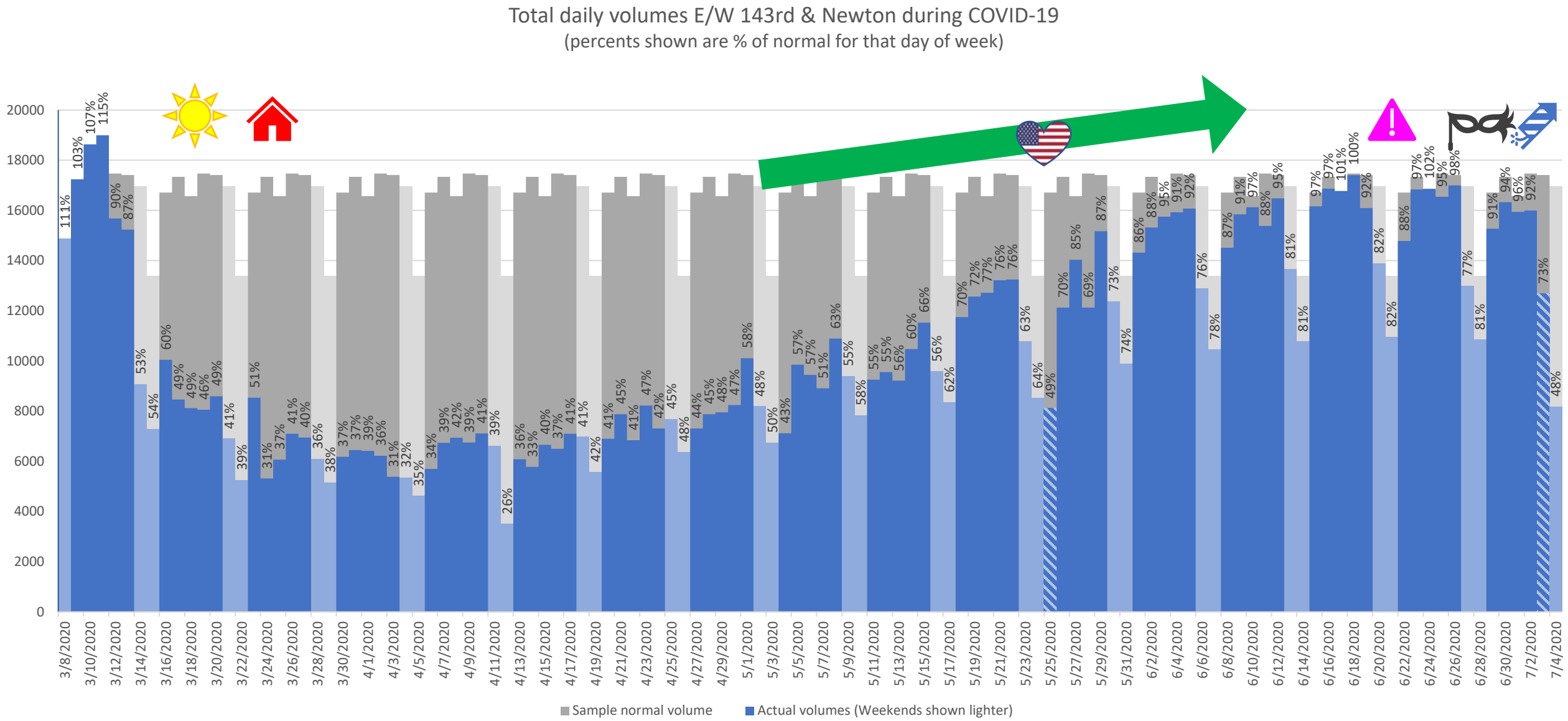
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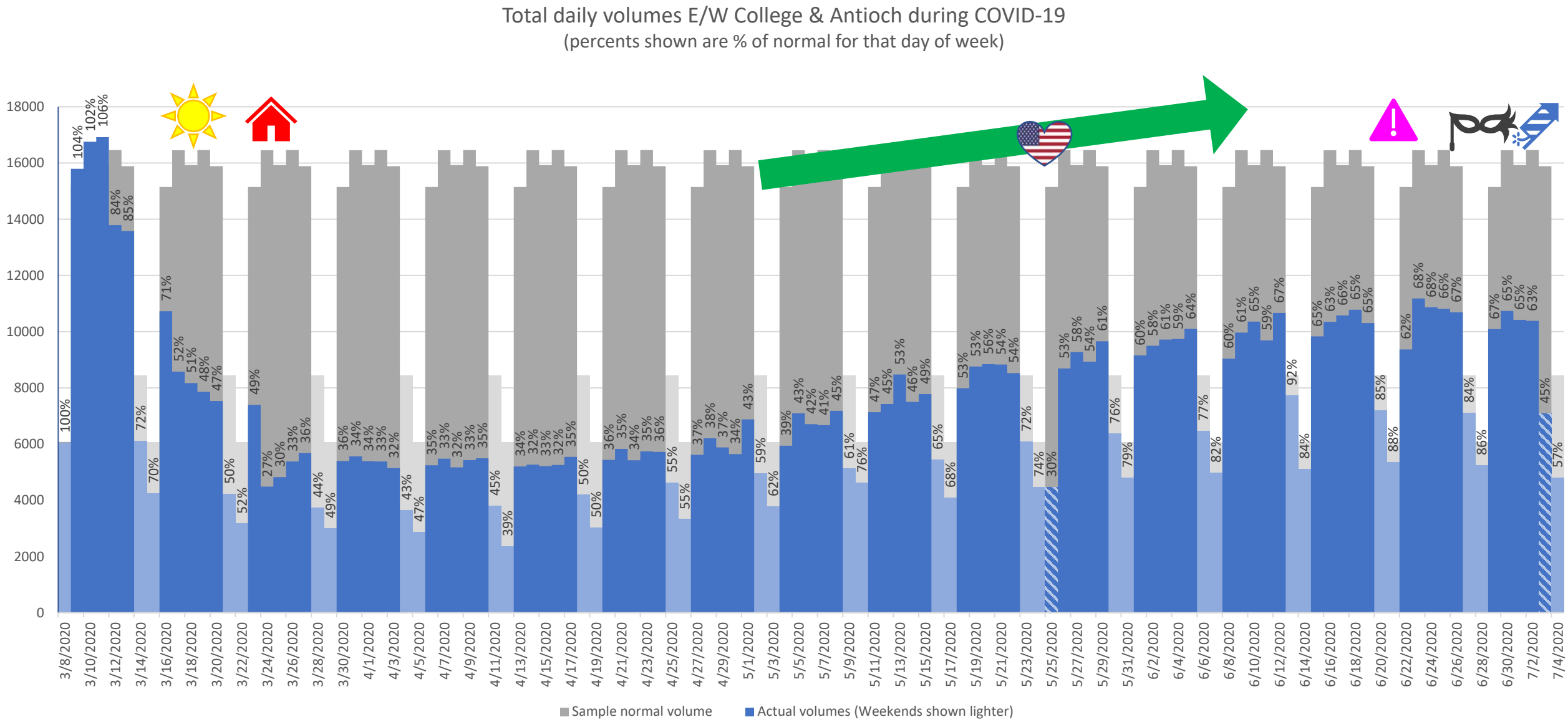
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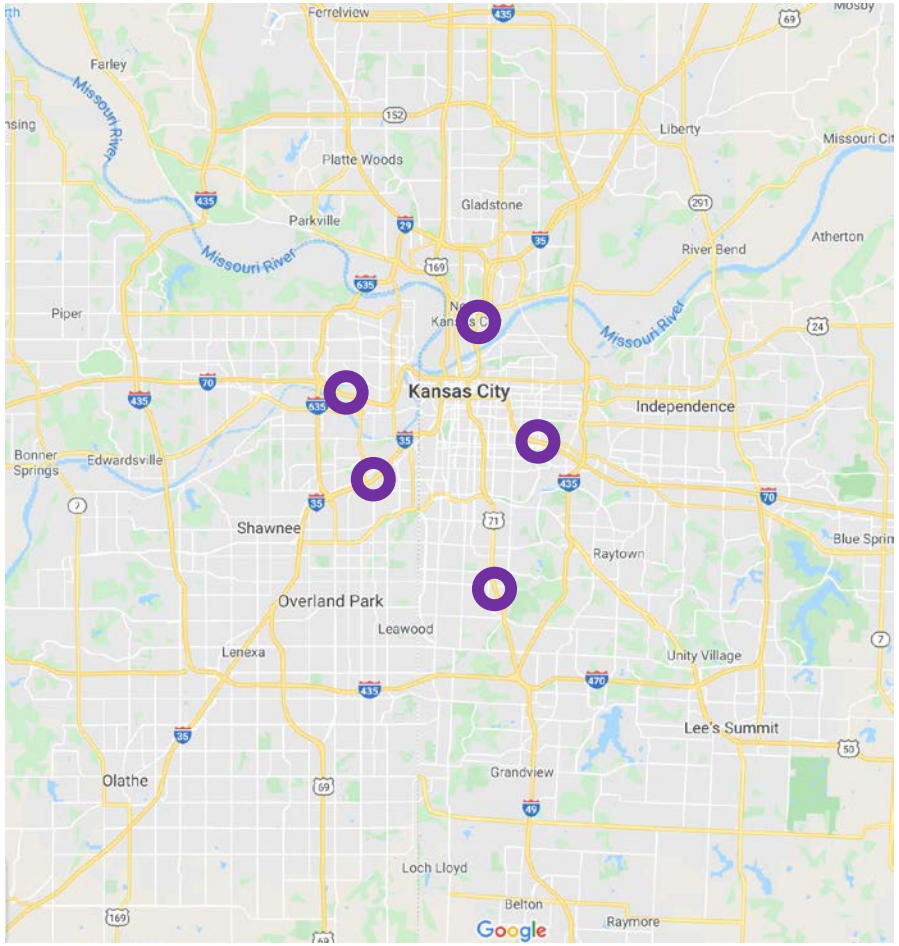
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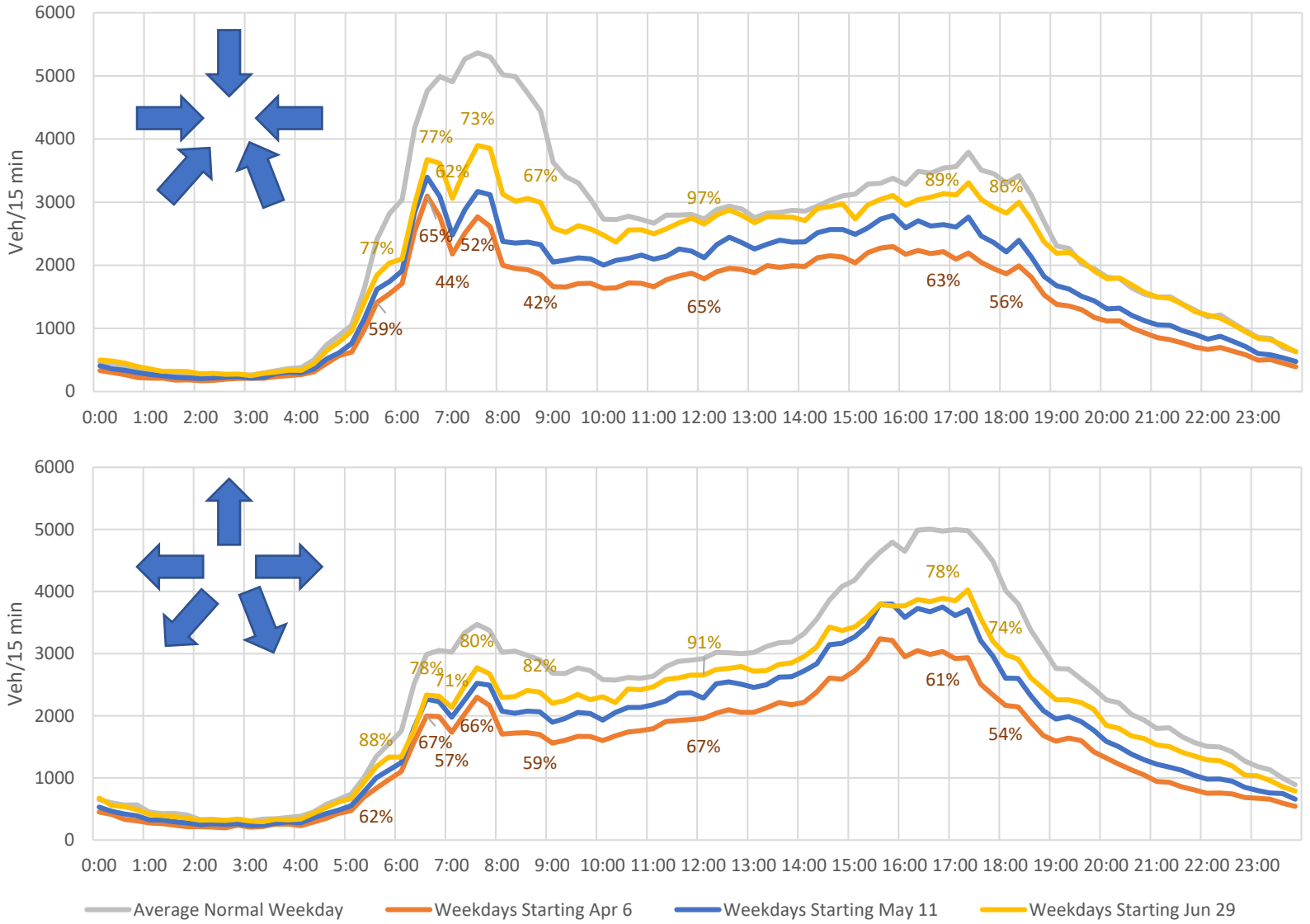
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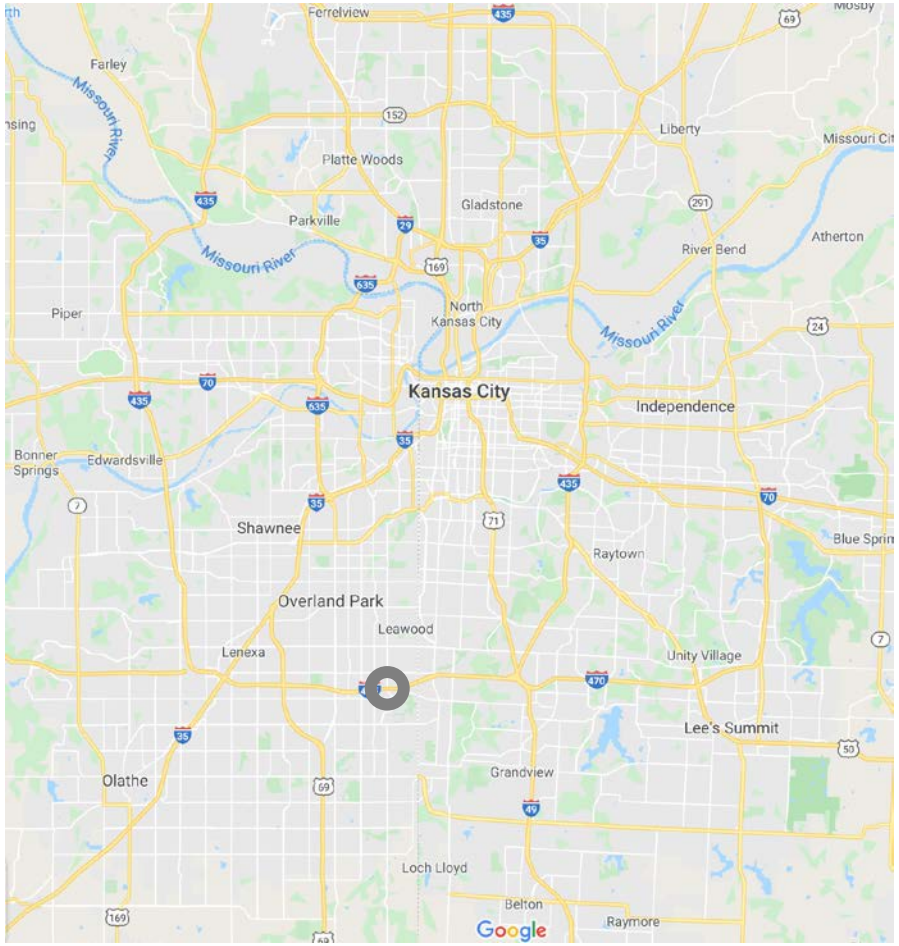
Average weekday volume patterns on 5 KC area freeways during COVID-19

(percents shown are compared to normal for that 15 minute period)



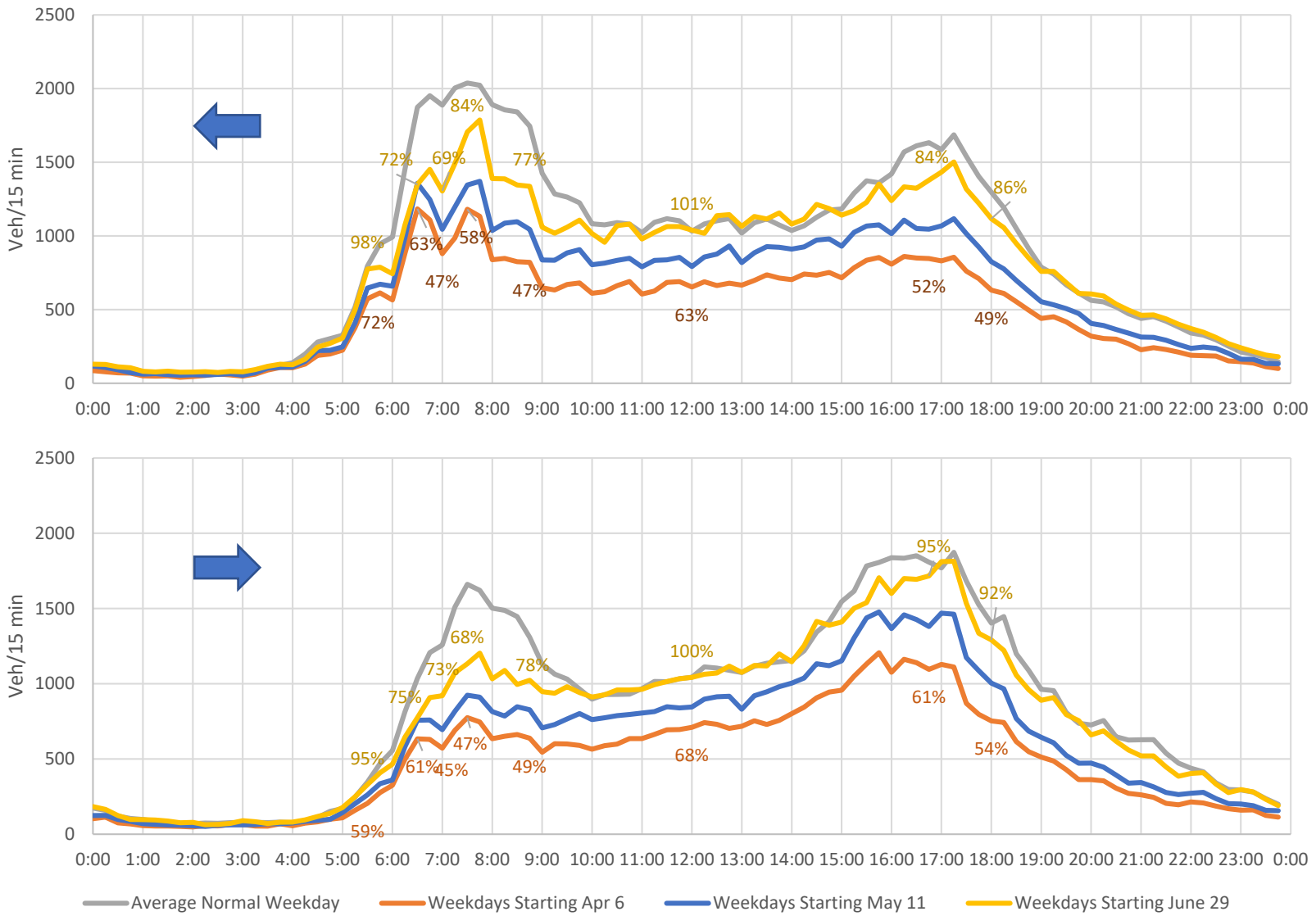
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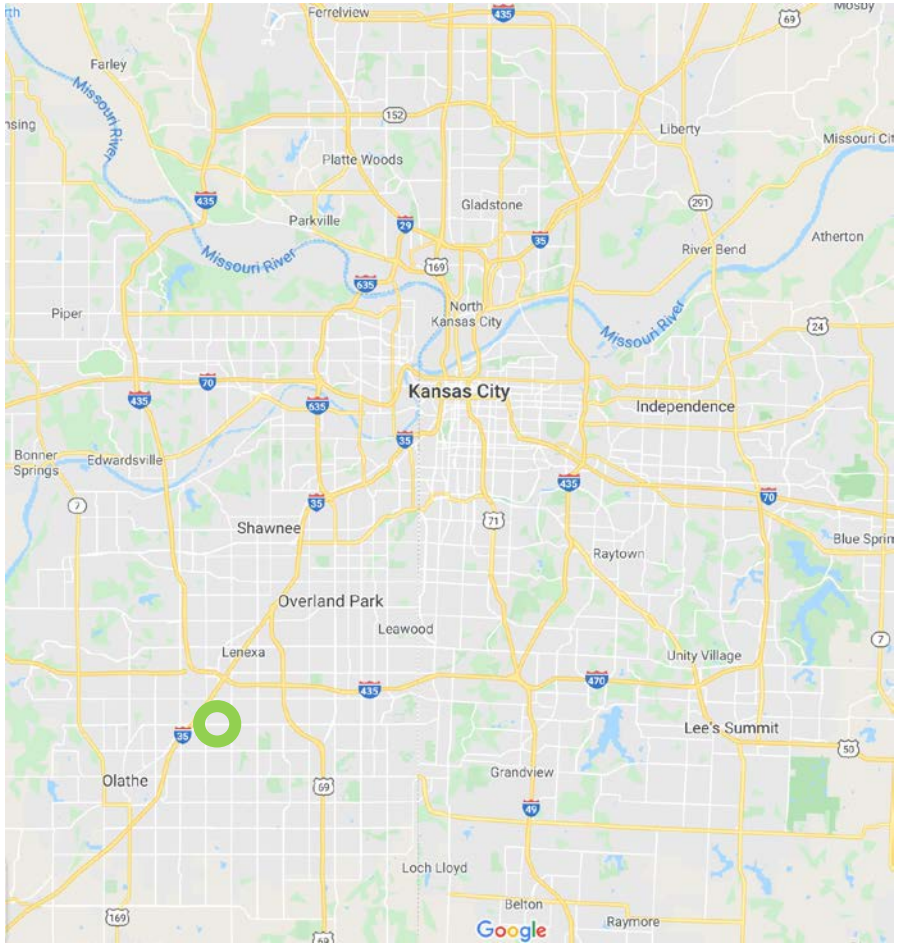
Average weekday volume patterns 435 & Mission during COVID-19

(percents shown are compared to normal for that 15 minute period)

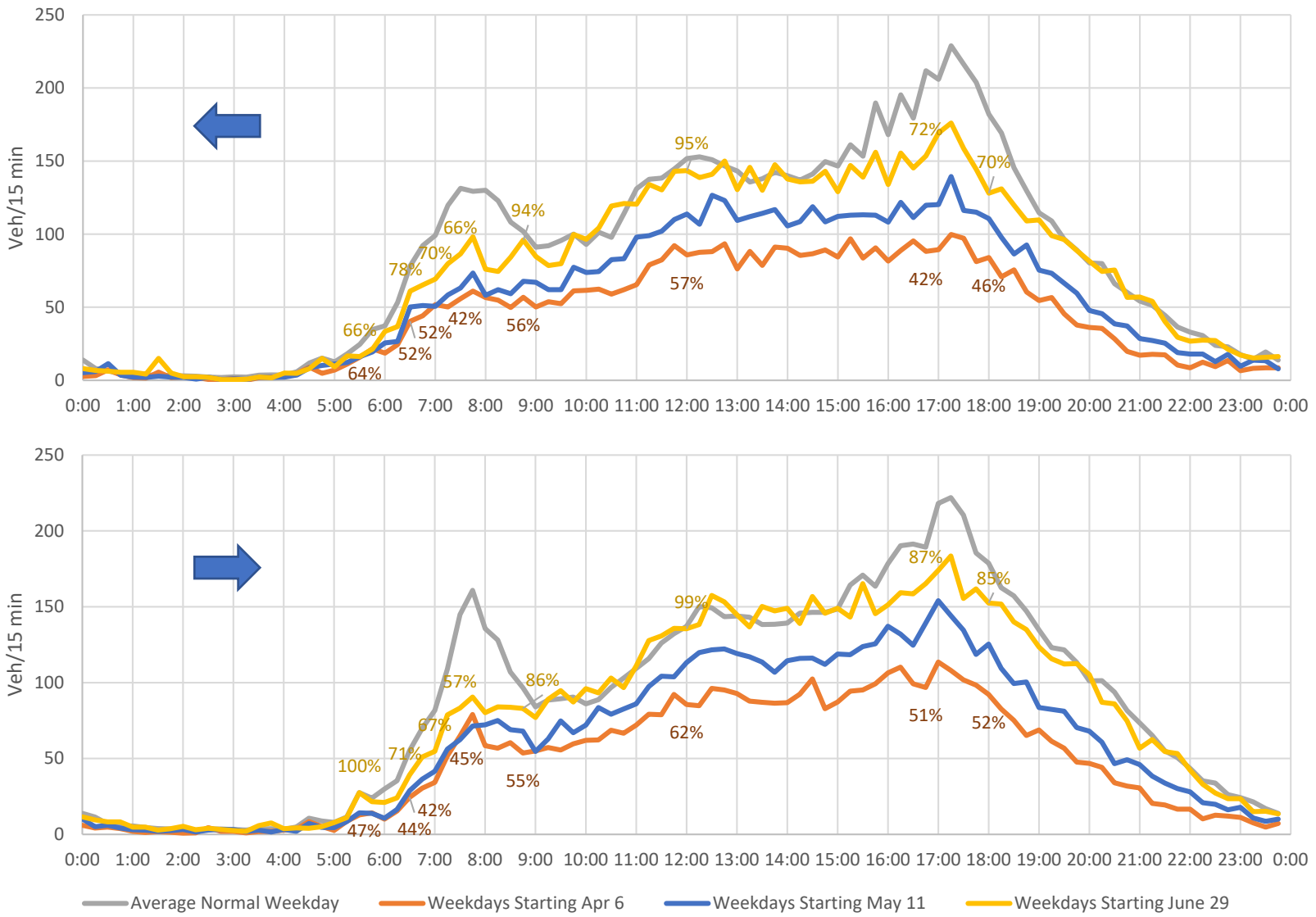


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Average weekday volume patterns 119th & Greenwood during COVID-19
(percents shown are compared to normal for that 15 minute period)



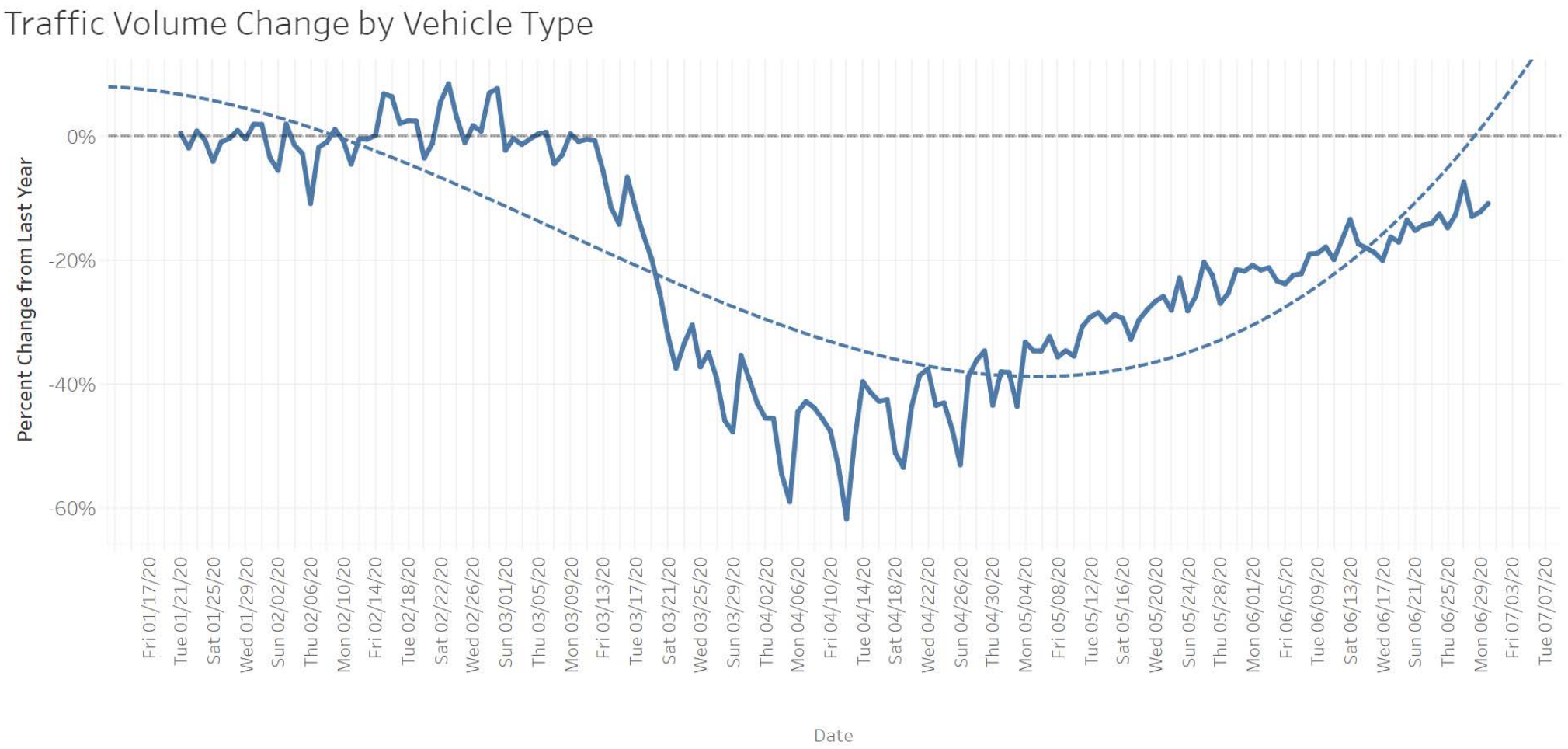
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OGL Responses:

- Place signals in Free
- Remove peak period high cycle lengths, run off peak instead
- Run PM Peak only for shortened schedule
- In process of restoring things to normal as needed, corridor by corridor as volumes increase

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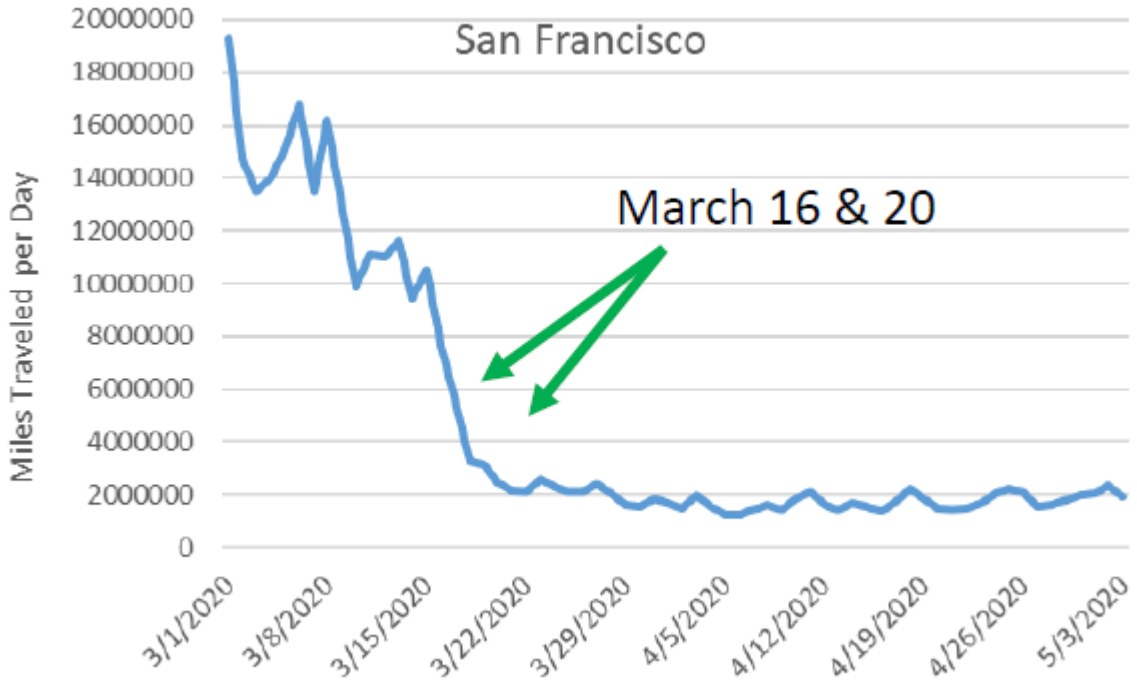
Comparison with other areas



Source: VDOT Traffic Engineering and Operations Divisions
https://public.tableau.com/profile/simona.babiceanu#!/vizhome/COVID-19VirginiaTrafficVolumes/ByLinkidDir

Comparison with other areas





Source: TRB TrafficTrans Webinar 6/2/2020 displaying data from streetlightdata.com presented by Fraser Shilling of Road Ecology Center, University of California, Davis

COVID-19 Traffic Volumes



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Operation Green Light
www.marc.org/transportation/ogl