

COVID-19

Regional Transportation System Impacts

October 2020 Transportation Policy
Committee Meeting



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

IMPACT TRACKING



- Highway
- Air Travel
- Transit
- Trails
- Air Quality

HIGHWAY

COVID-19

Regional Transportation System Impacts



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION



FHWA Monthly Trends Report

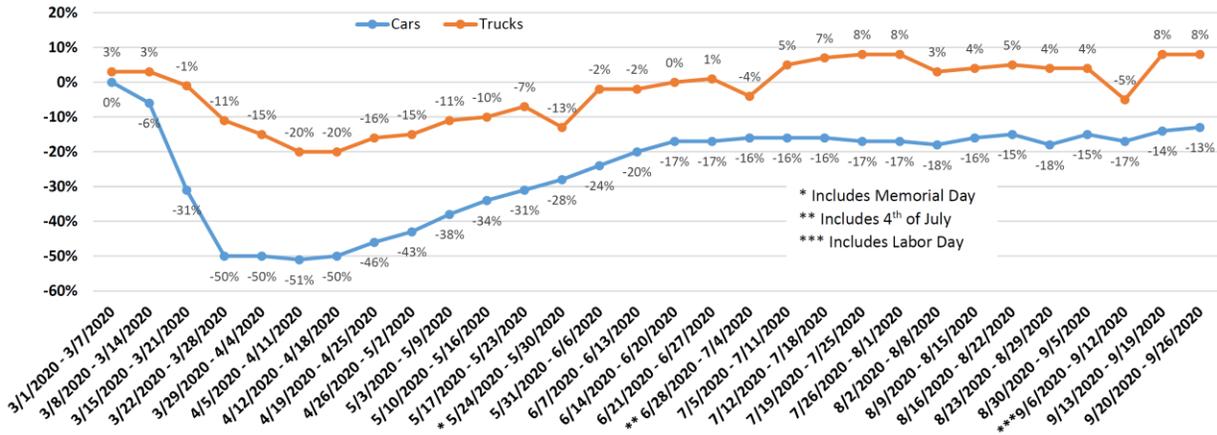
Percent change in Travel 2019 to 2020

	JAN	FEB	MAR	APR	MAY	JUN	JUL
United States	2.2	2.3	-18.9	-40.1	-25.6	-13.2	-11.2
Ohio	7.5	0.8	-19.1	-39.2	-25.9	-10.1	-10.3
Illinois	4.9	-1.3	-19.8	-40.2	-29.7	-15.9	-11.7
Indiana	5.3	-1.0	-18.8	-40.0	-23.8	-8.6	-7.3
West Virginia	-0.3	-3.3	-20.3	-40.4	-25.3	-12.8	-11.6
Pennsylvania	4.7	4.5	-19.2	-46.5	-30.3	-15.5	-13.1
Kentucky	5.7	0.6	-16.7	-35.9	-22.7	-9.7	-8.4

ODOT Regional Traffic Analysis

Statewide

Car & Truck Traffic Impacts by Week

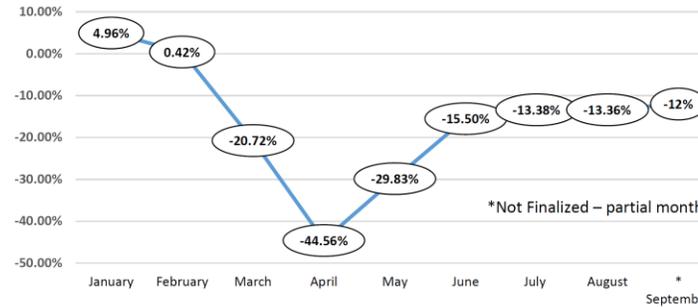


Weeks are measured from Sunday - Saturday

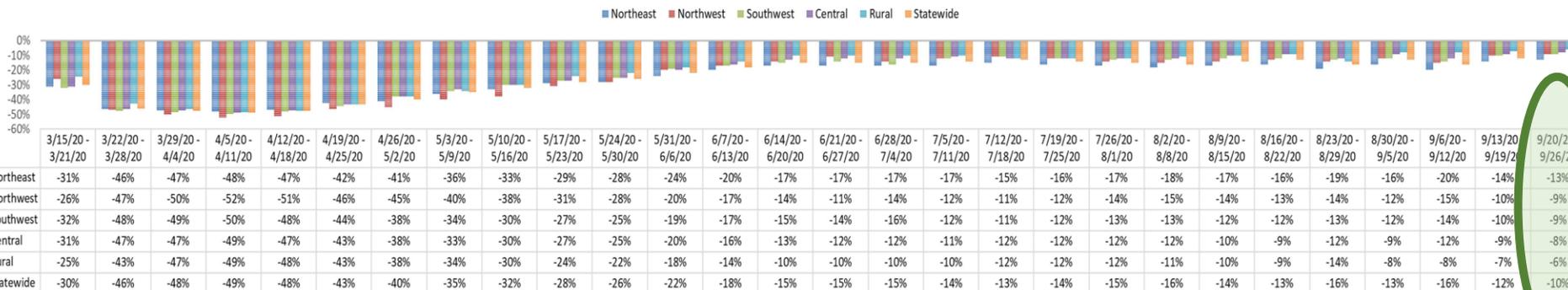
For Daily Regional Breakdowns or for specific locations contact Sandra Mapel (614-273-4751) or refer to our interactive system at <http://powerbi.dot.state.oh.us:81/Reports/powerbi/PLANNING/Technical%20Services/TrafficStudy>

Statewide

Monthly Change in Traffic 2019 vs 2020



WEEKLY CHANGES IN TRAFFIC



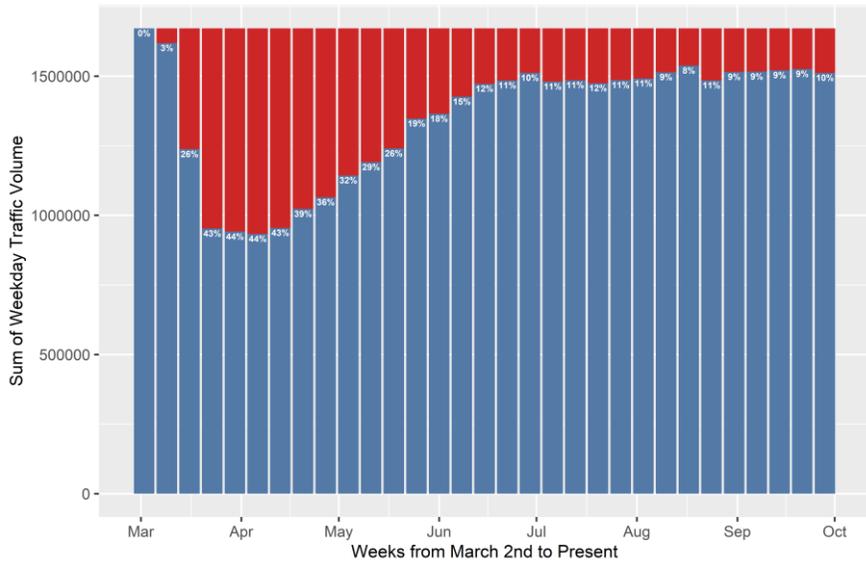
9/20/20 - 9/26/20	-13%
Northeast	-13%
Northwest	-9%
Southwest	-9%
Central	-8%
Rural	-6%
Statewide	-10%

Weekday Average Daily Traffic

15 County Region: Average Weekday Traffic Volumes and Percent Reduction from 1st week of March
Week of March 2 through Present

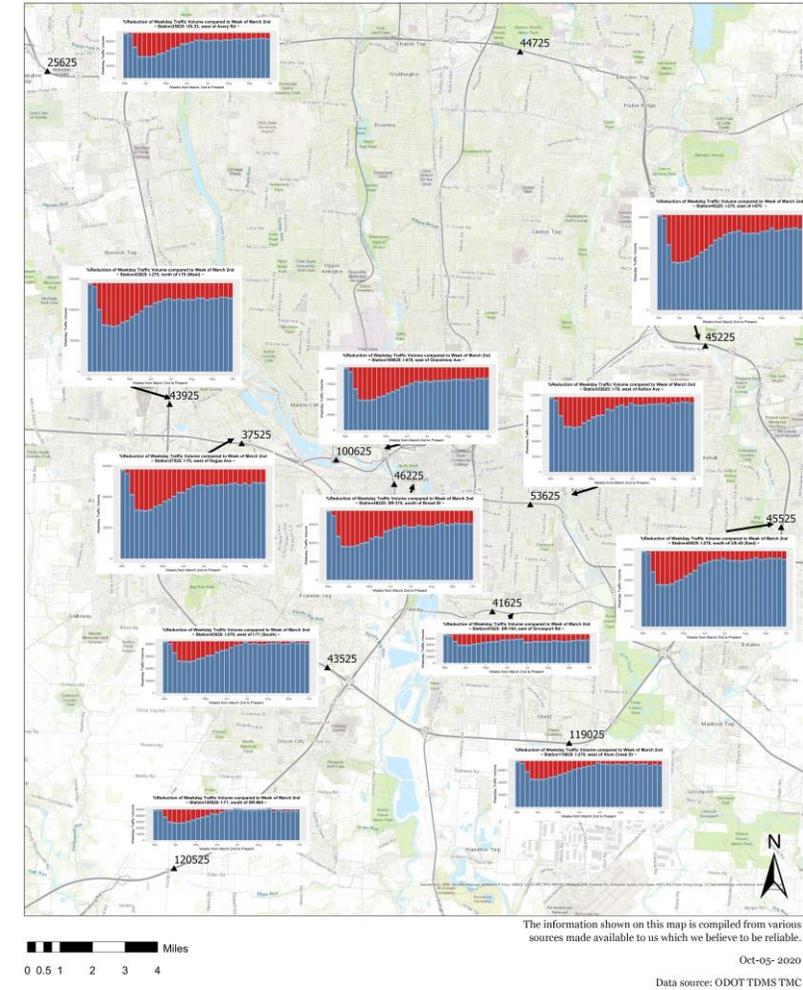
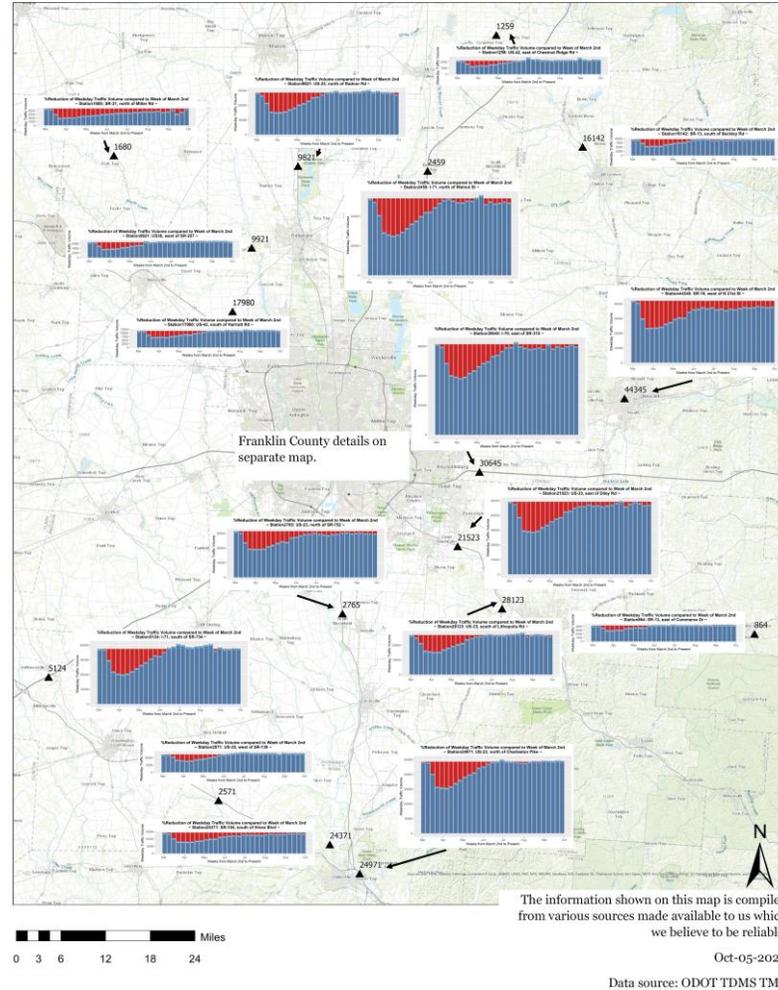
Franklin Co: Weekly Average Traffic Volume and Percent Reduction from 1st Week of March
Week of March 2 through Present

%Reduction of Weekday Traffic Volume compared to Week of March 2nd
~ All Stations in 15 Counties ~



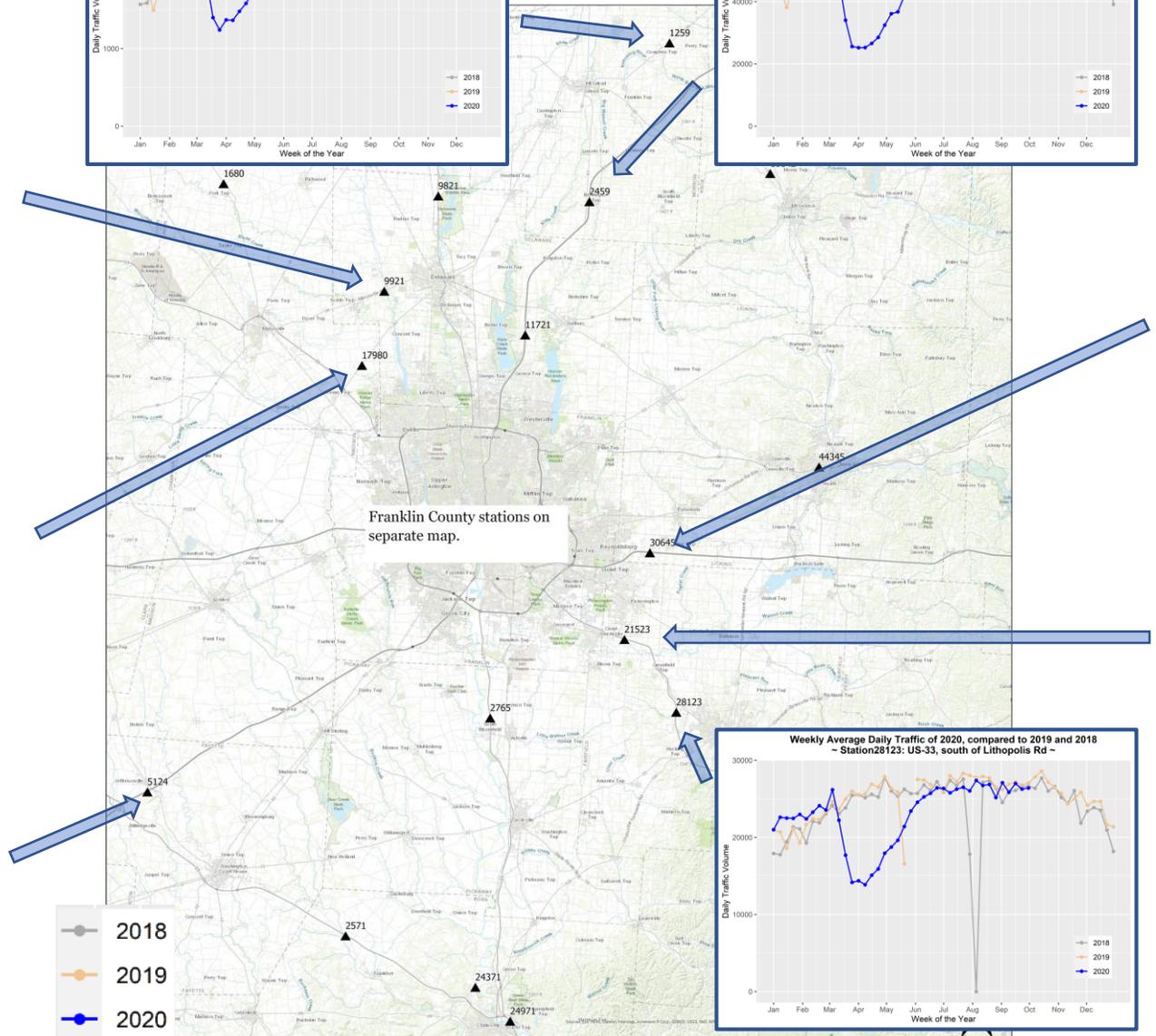
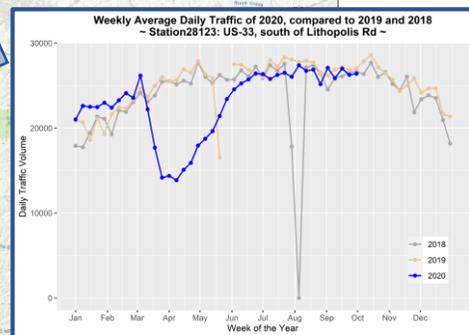
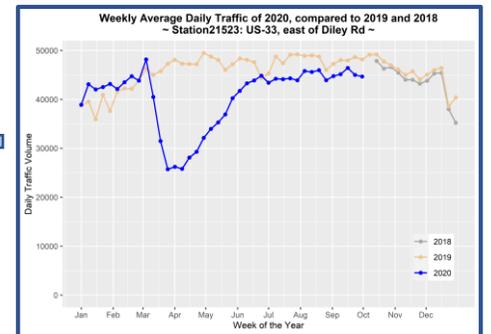
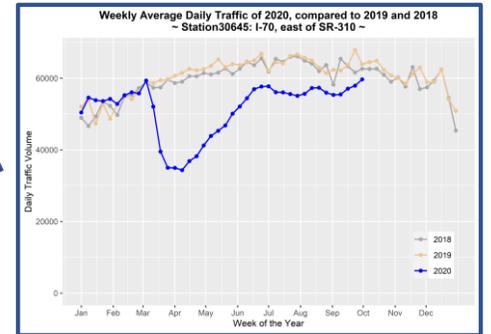
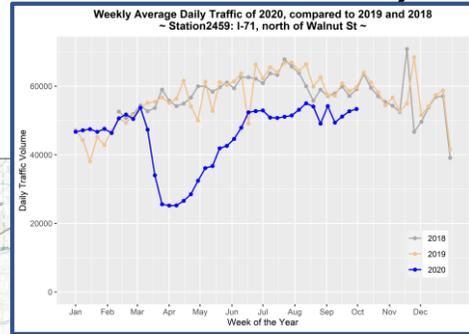
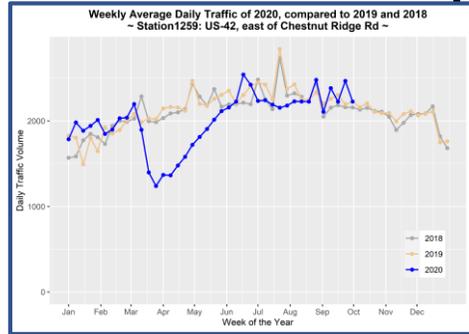
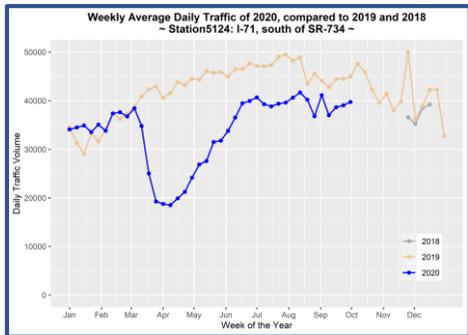
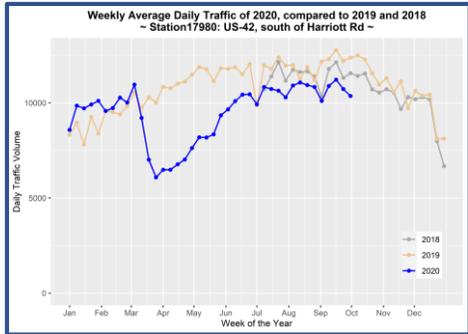
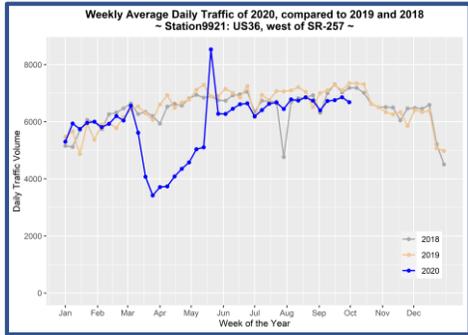
Individual map pdfs available at:

<https://www.morpc.org/covid19-impacts/>

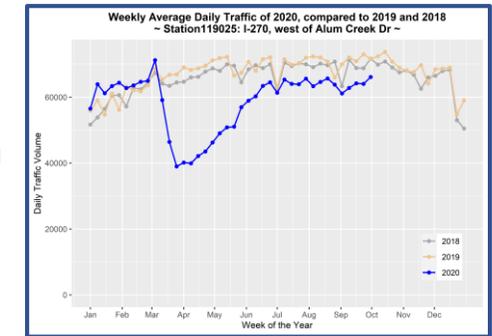
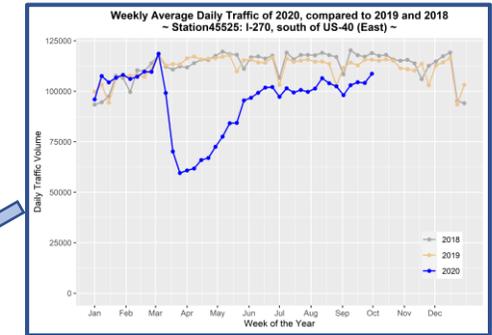
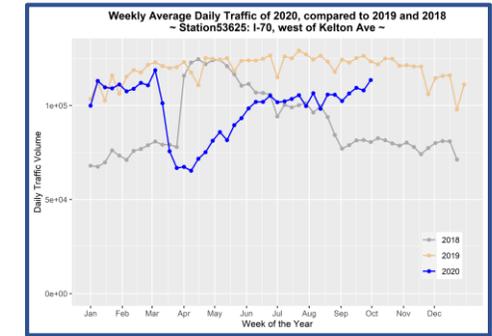
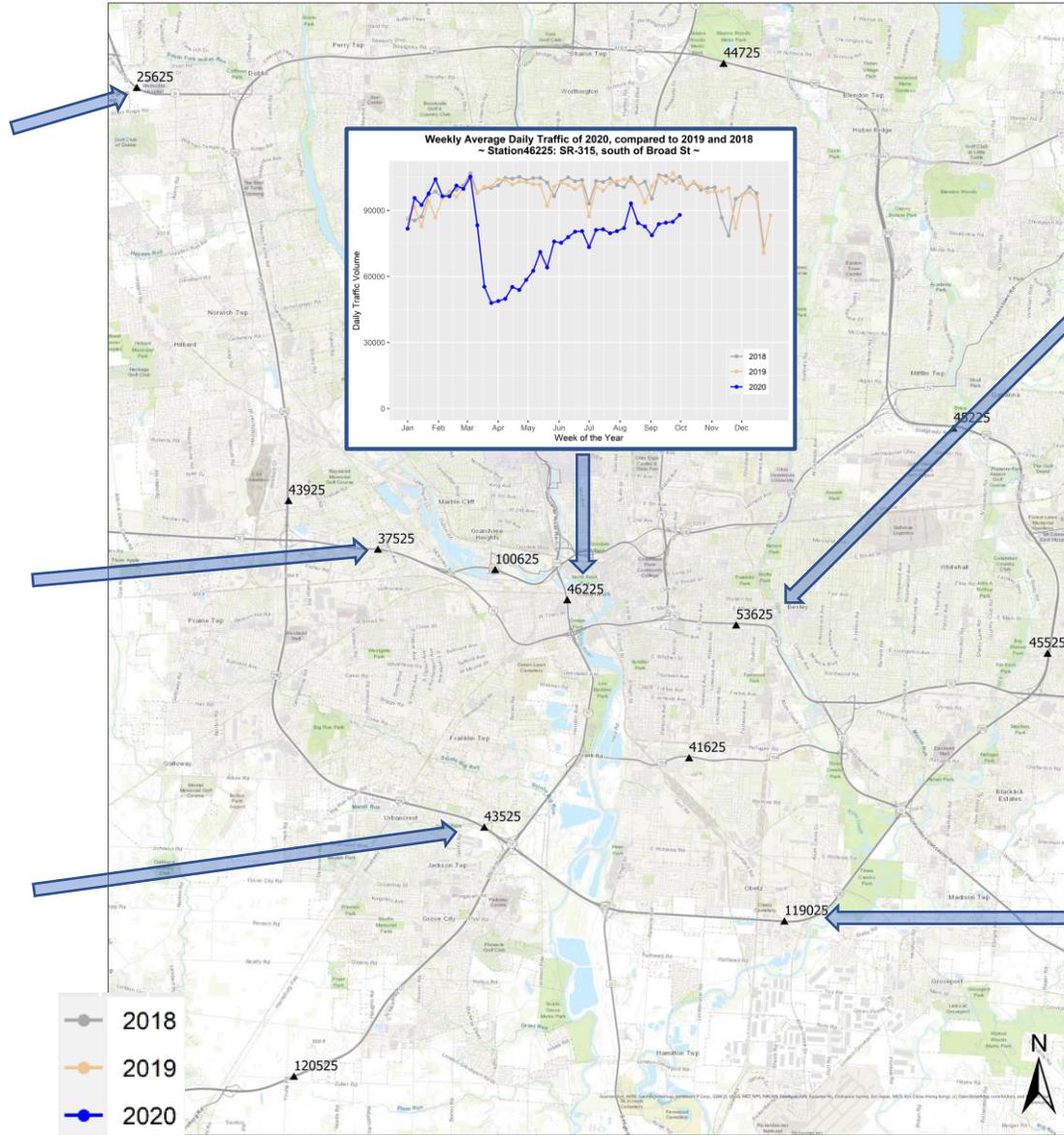
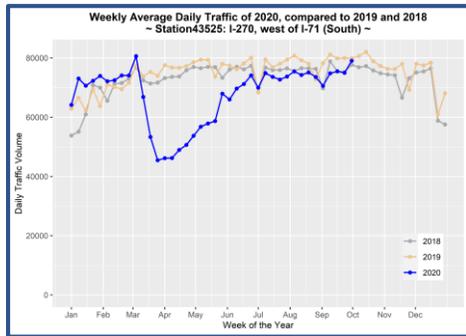
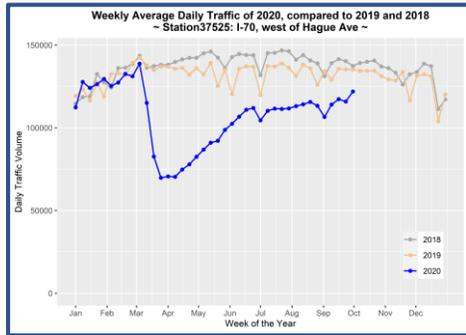
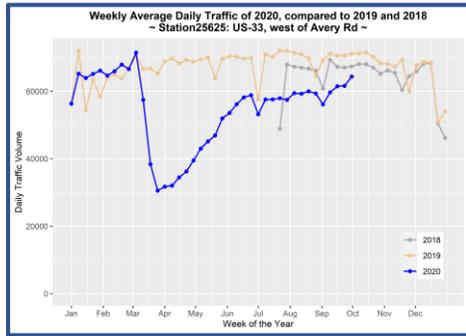


Data is based on 29 ODOT Permanent count stations throughout 15 counties in central Ohio

Average Daily Traffic Comparison: 2018, 2019, 2020

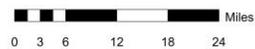
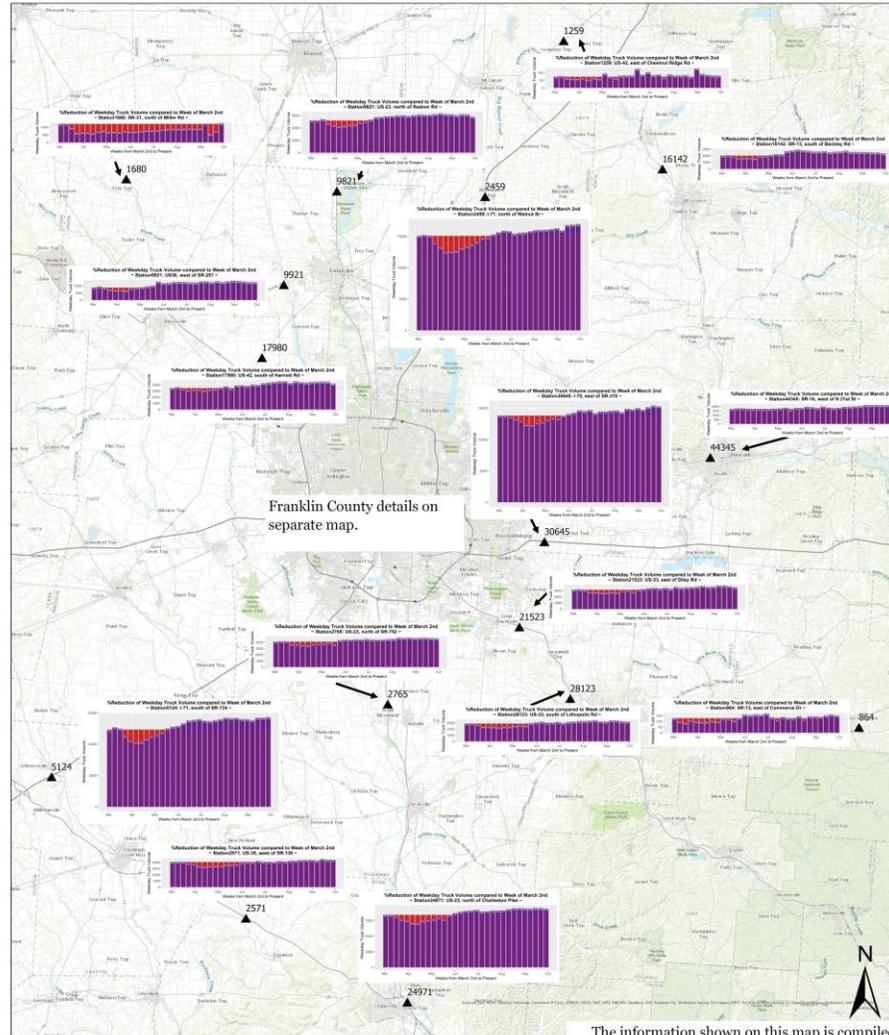


Average Daily Traffic Comparison: 2018, 2019, 2020



Average Daily Truck Volumes 2020

15 County Region: Average Weekday Truck Volumes and Percent Reduction from 1st week of March
Week of March 2 through Present

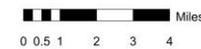
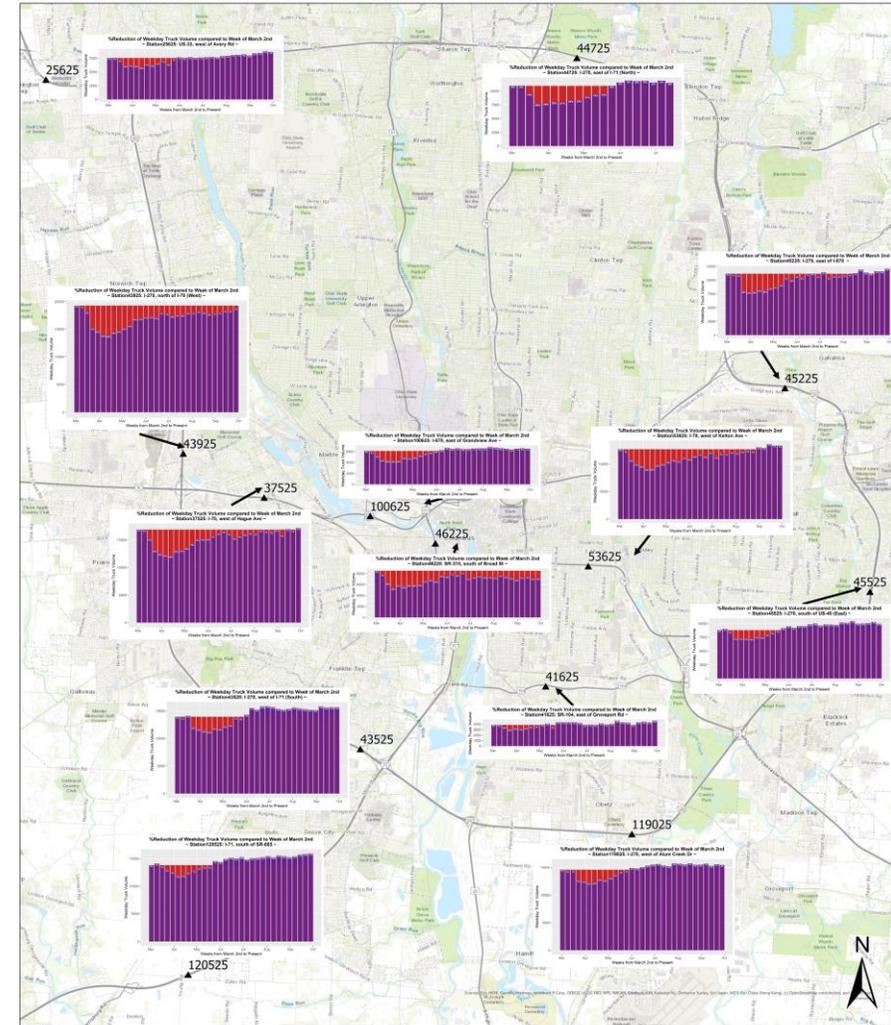


The information shown on this map is compiled from various sources made available to us which we believe to be reliable.

Oct-05-2020

Data source: ODOT TDMS TMC

Franklin Co: Weekly Average Truck Volume and Percent Reduction from 1st Week of March
Week of March 2 through Present



The information shown on this map is compiled from various sources made available to us which we believe to be reliable.

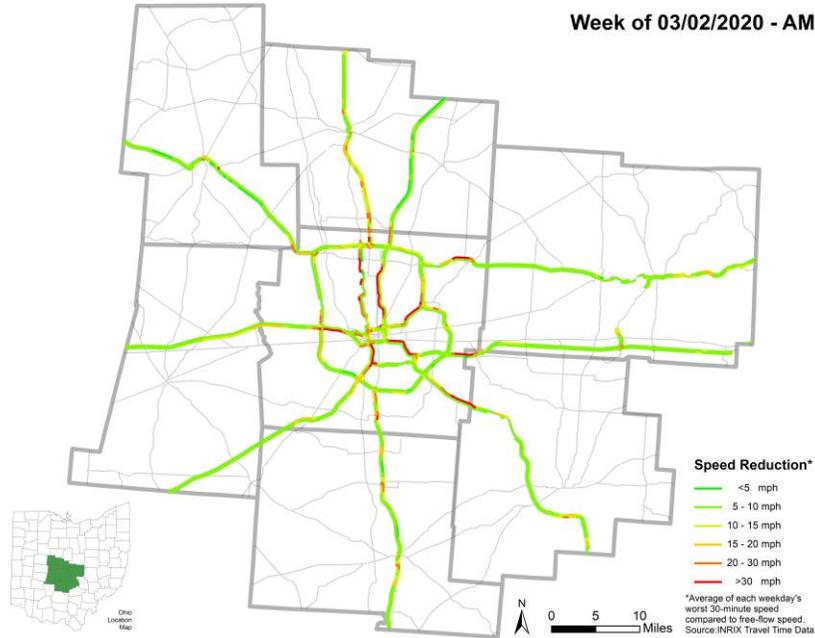
Oct-05-2020

Data source: ODOT TDMS TMC

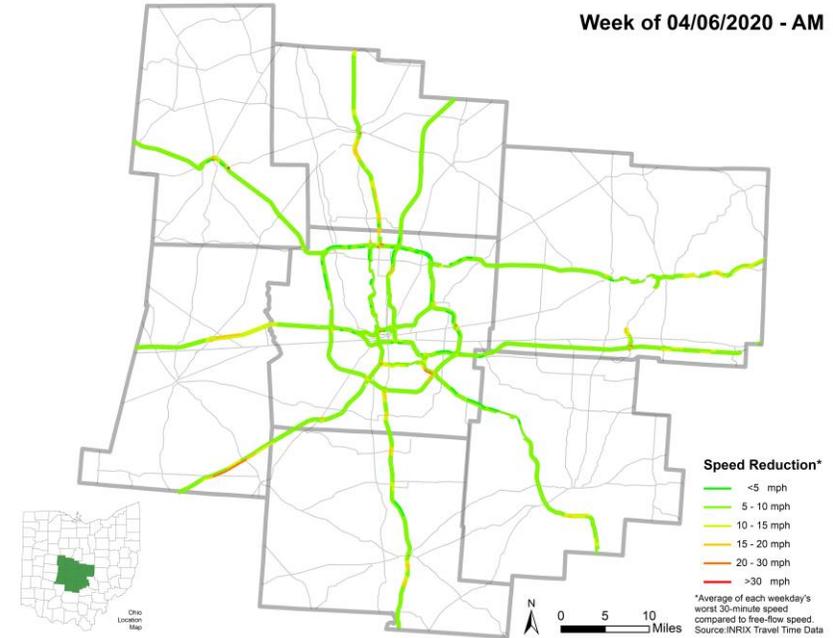
From Traffic Volumes to Peak Period Congestion

Congested AM Period Speed Reduction

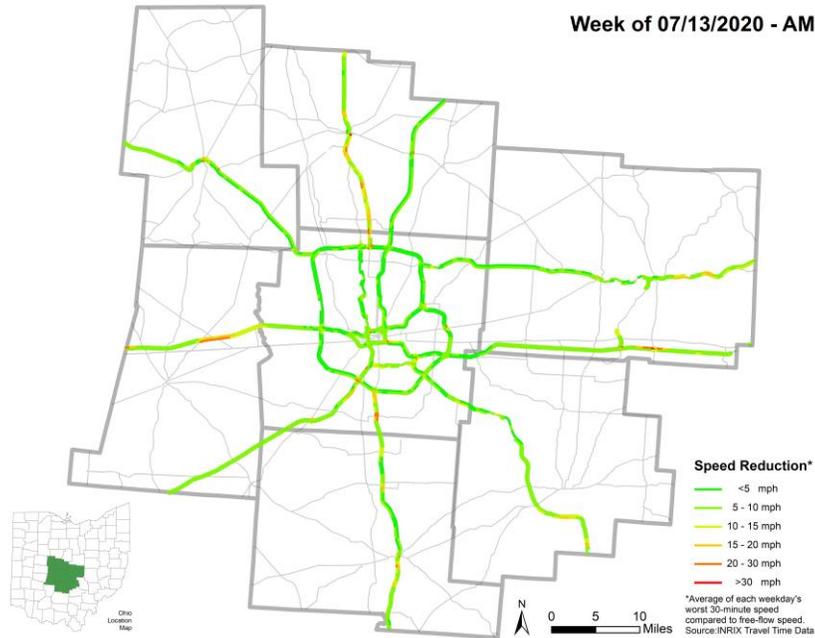
Week of 03/02/2020 - AM



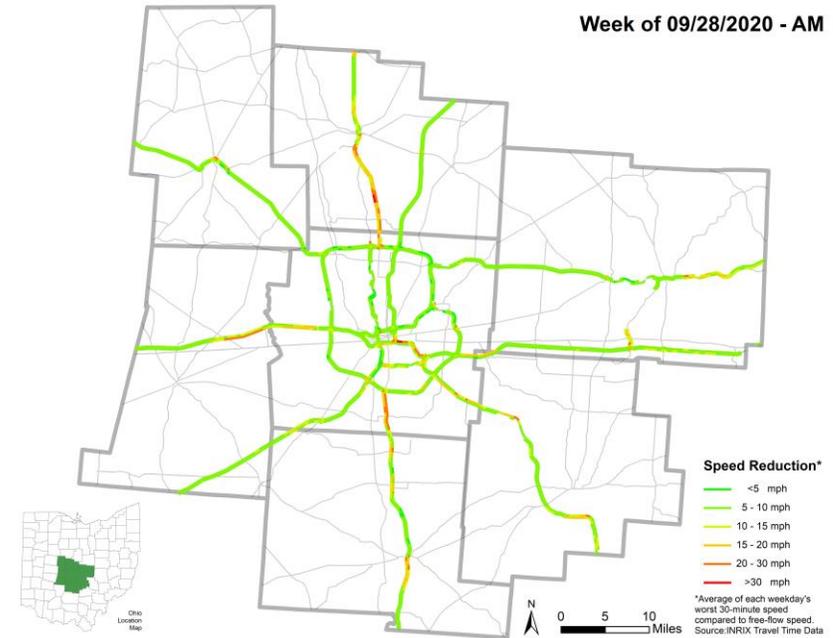
Week of 04/06/2020 - AM



Week of 07/13/2020 - AM

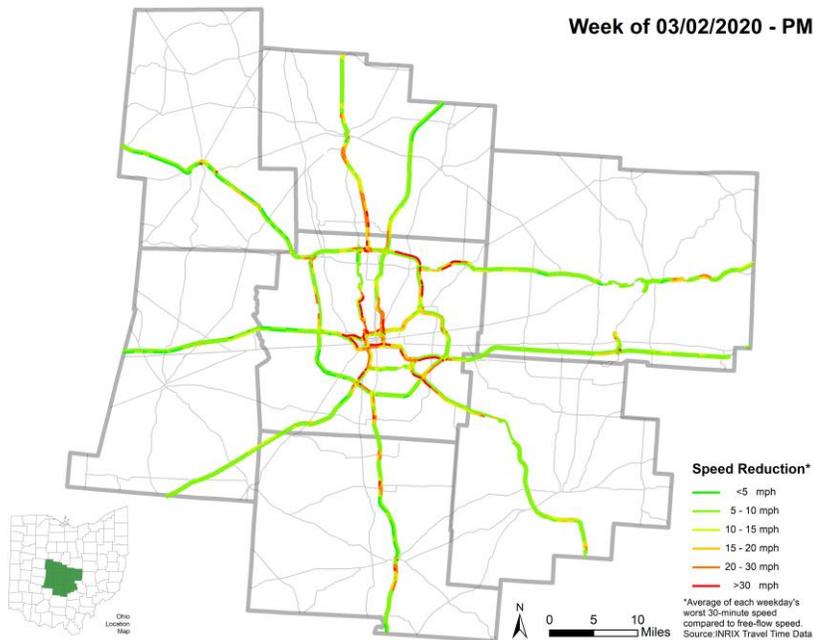


Week of 09/28/2020 - AM

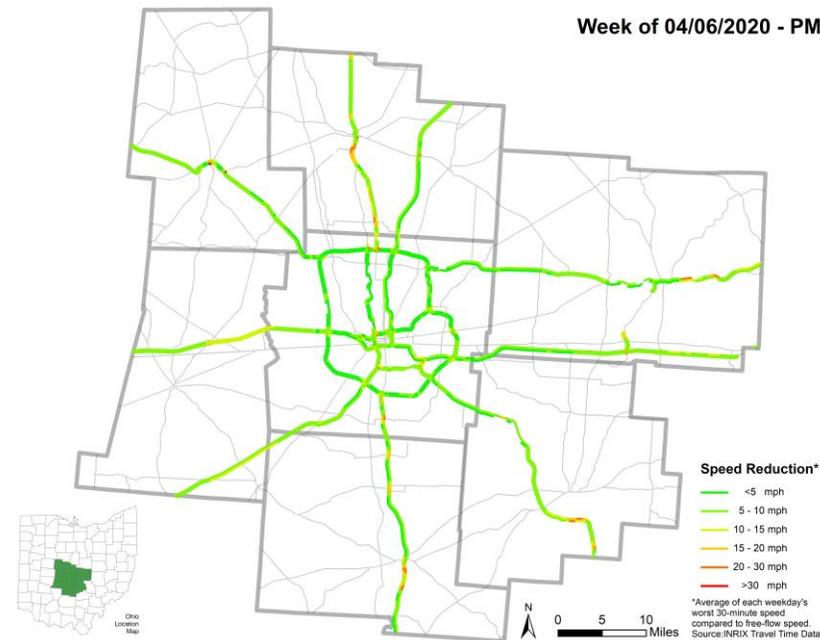


Congested PM Period Speed Reduction

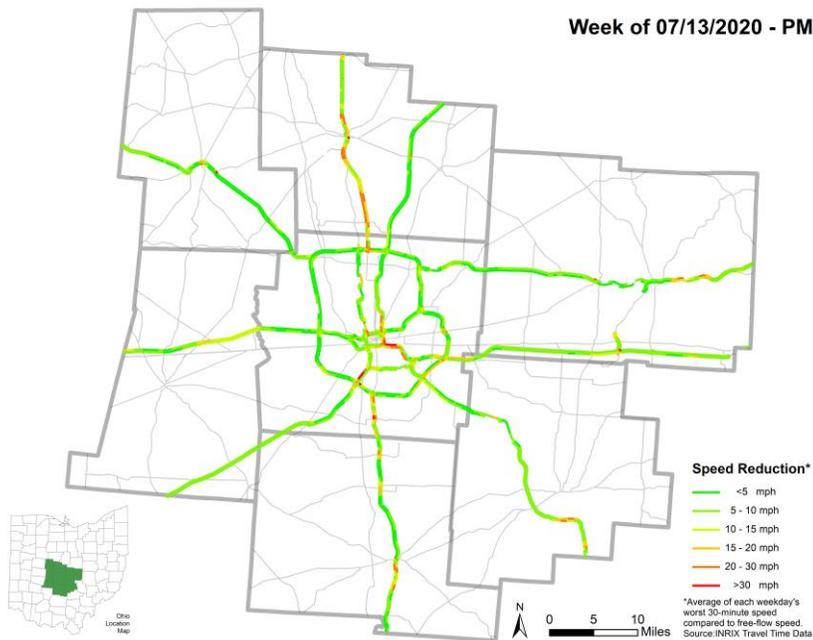
Week of 03/02/2020 - PM



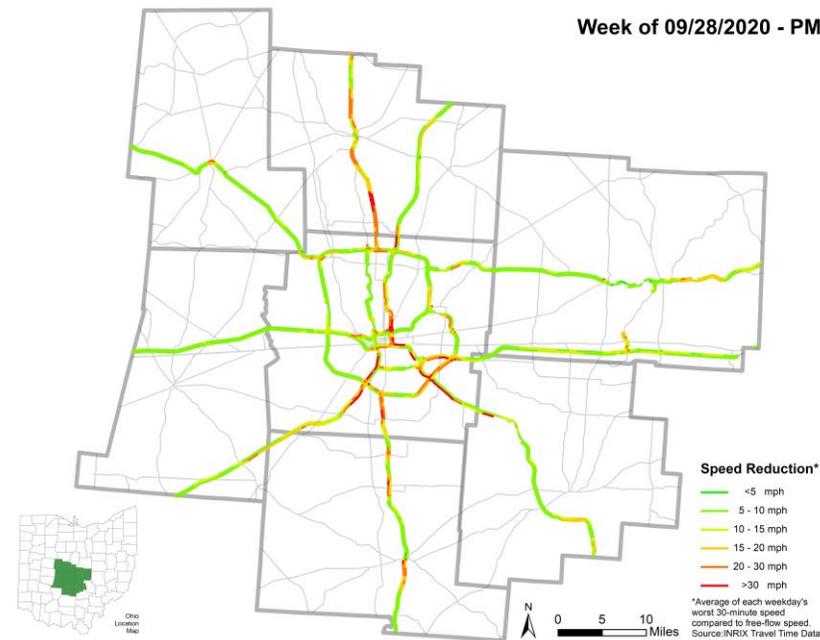
Week of 04/06/2020 - PM



Week of 07/13/2020 - PM



Week of 09/28/2020 - PM



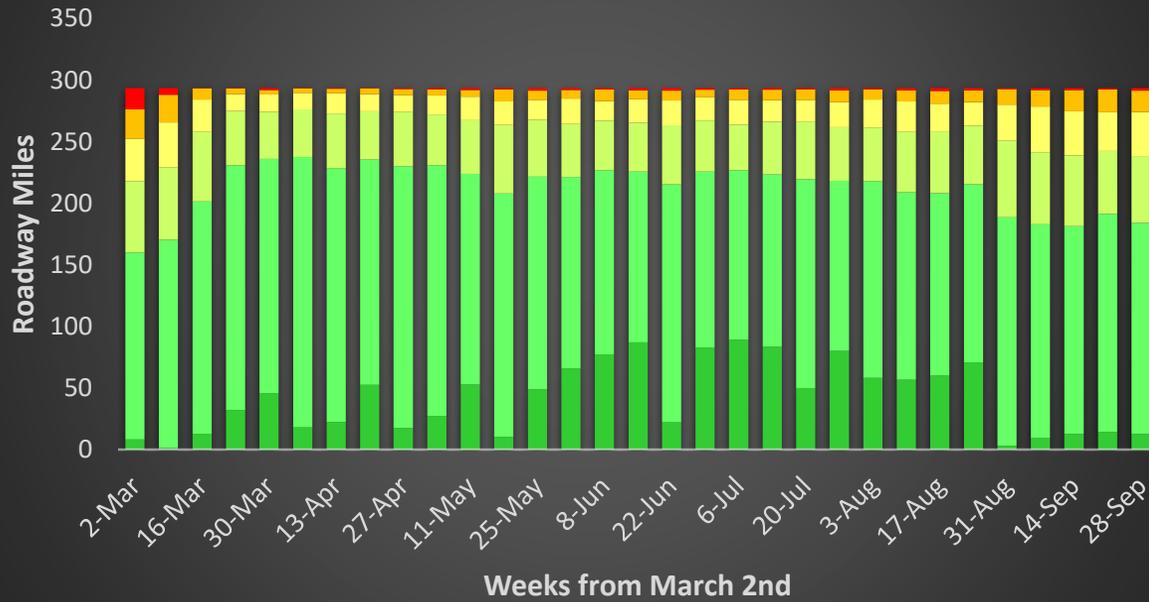
Congested Peak Period Speed Reduction

Proportion of Miles – Freeways/Expressways
Delaware & Franklin Counties

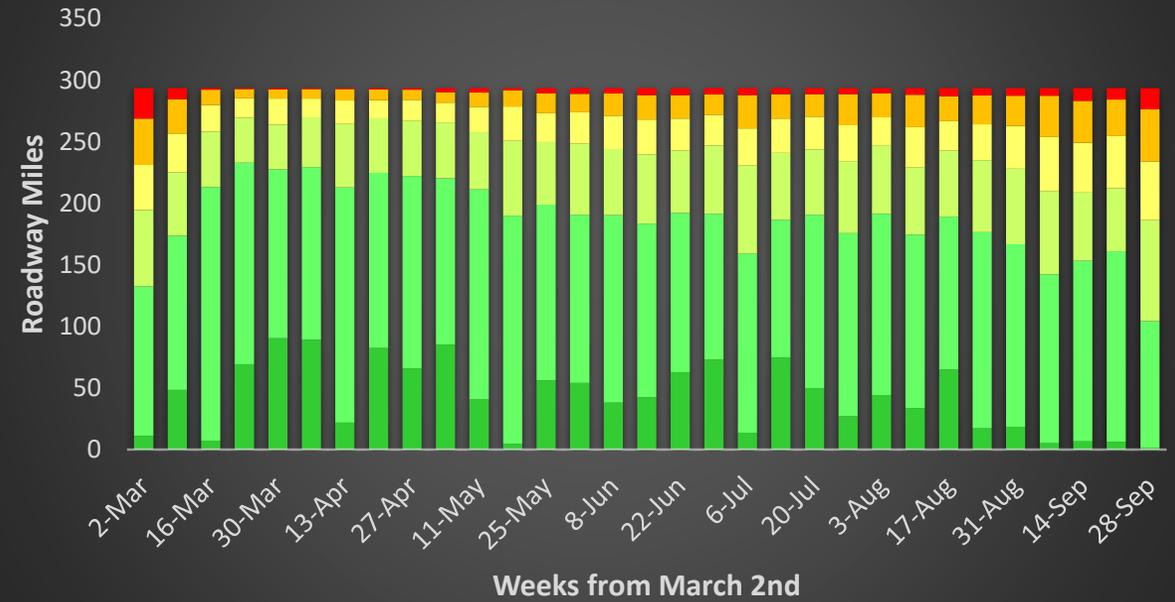
AM

PM

Roadway Miles by Speed Reduction for Worst
30-min in AM
~freeway in (Multiple Items)~



Roadway Miles by Speed Reduction for Worst
30-min in PM
~freeway in (Multiple Items)~



0-5 mph 5-10 mph 10-15 mph 15-20 mph 20-30 mph 30+ mph

0-5 mph 5-10 mph 10-15 mph 15-20 mph 20-30 mph 30+ mph

AIR

COVID-19

*Regional
Transportation
System
Impacts*



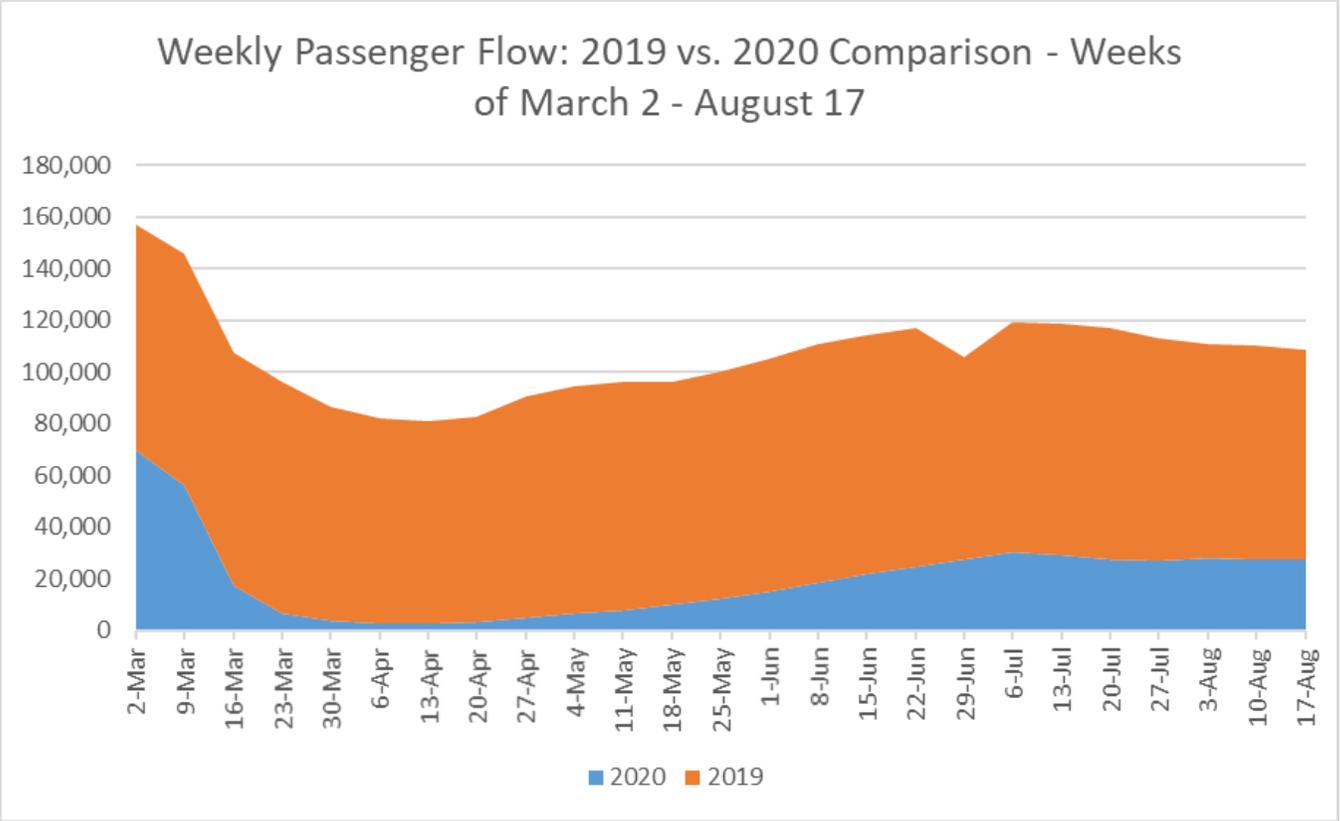
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NUMBER OF PASSENGERS



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Week of	% Change, 2020 vs. 2019
2-Mar	-20%
2-Mar	-20%
9-Mar	-37%
16-Mar	-81%
23-Mar	-93%
30-Mar	-95%
6-Apr	-97%
13-Apr	-97%
20-Apr	-96%
27-Apr	-95%
4-May	-93%
11-May	-91%
18-May	-88%
25-May	-86%
1-Jun	-83%
8-Jun	-80%
15-Jun	-77%
22-Jun	-73%
29-Jun	-65%
6-Jul	-66%
13-Jul	-67%
20-Jul	-69%
27-Jul	-68%
3-Aug	-66%
10-Aug	-66%
17-Aug	-66%



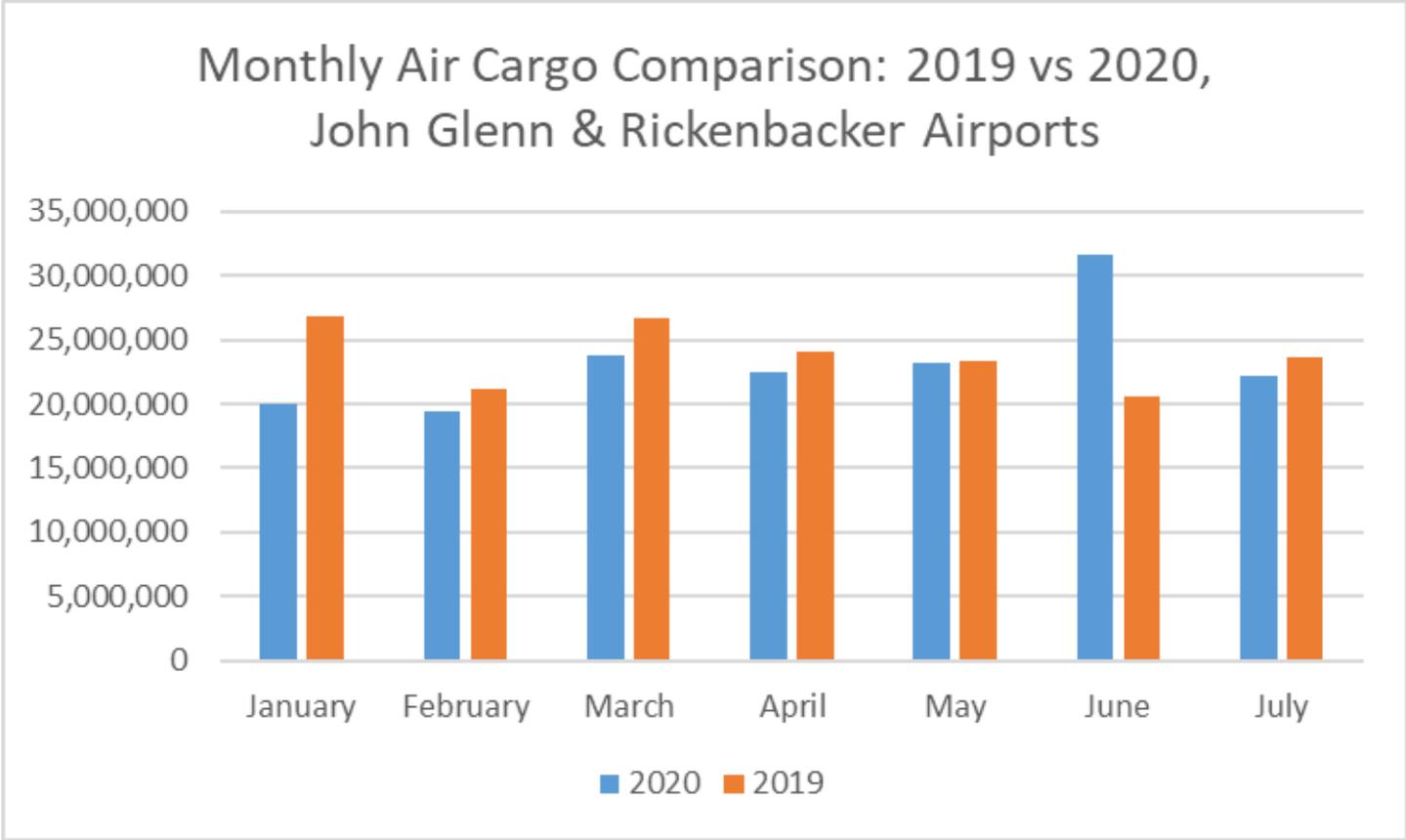
Data Source: Columbus Regional Airport Authority (CRAA). Data includes LCK & CMH airports.

AIR CARGO LBS (ENPLANED + DEPLANED)



MORPC

Month	Pct Increase
January	-25%
February	-8%
March	-11%
April	-7%
May	0%
June	54%
July	-6%



Data Source: Columbus Regional Airport Authority (CRAA). Data includes LCK & CMH airports.

TRANSIT

COVID-19

Regional Transportation System Impacts



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PLANNING COMMISSION

Central Ohio Transit Authority



Free Fares

- ***Fixed Route Service:***

- Scaled back service from 3/17 to 4/27 **down to 53%**
 - Minor service additions were added on 5/4 bringing service up to **57%**
 - Still providing additional bus service that picks up passengers passed up do to **20 passenger limited buses** on high ridership routes
 - In May responding to acute mobility needs caused by the pandemic, A COTA//Plus pilot was developed as a mobility solution in Northeast Franklin County. This Service was developed to serve customers who are experiencing reduced service or lost fixed-route service.
 - New Westerville On-Demand zone encompassing Westerville, Polaris Fashion Place, and Ikea was launched on 8/24
 - **Newest Ridership information**
 - In June weekday ridership was at about **33%**
 - Weekend service was at about **50%**
- Since June**
- Trending up, averaging 23,000 rides per day in mid August
 - Heaviest lines remain Line 10, 1, and 2

Central Ohio Transit Authority



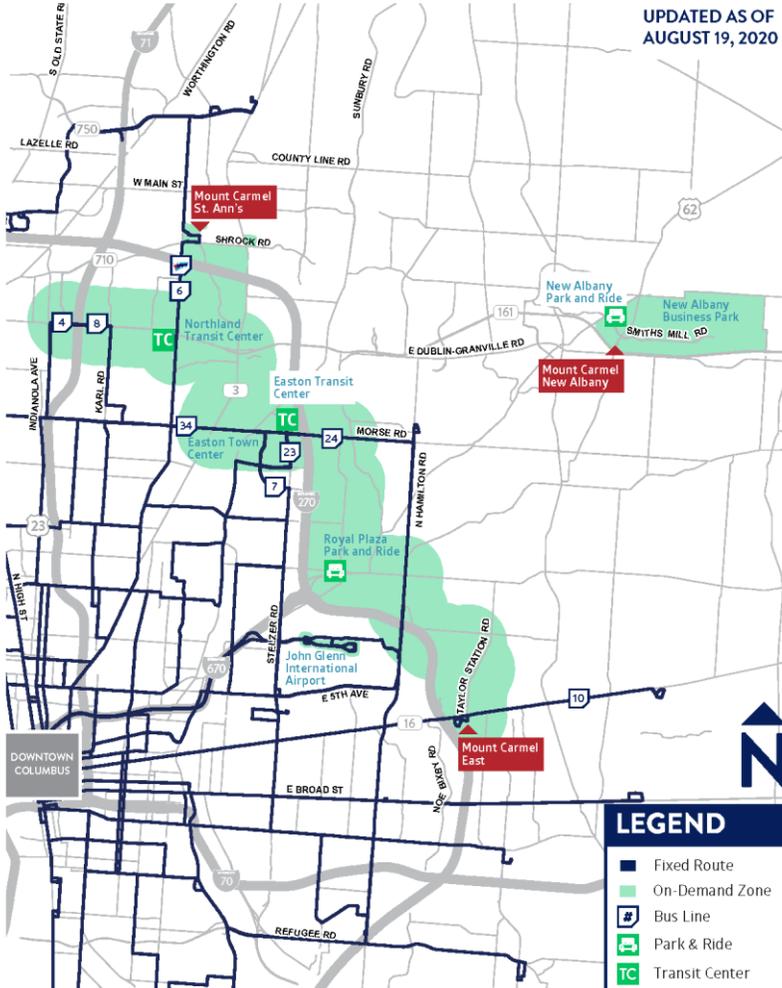
COTA Fixed Route Monthly Ridership



NORTHEAST ON DEMAND ZONE

COTA//PLUS

UPDATED AS OF AUGUST 19, 2020



COTA//PLUS WESTERVILLE ZONE OF SERVICE

COTA//PLUS

UPDATED AS OF AUGUST 19, 2020



MORPC

Emergency Northeast On-Demand COTA Plus Pilot to supplement missing service – May 2020

Westerville COTA Plus launched August 2020

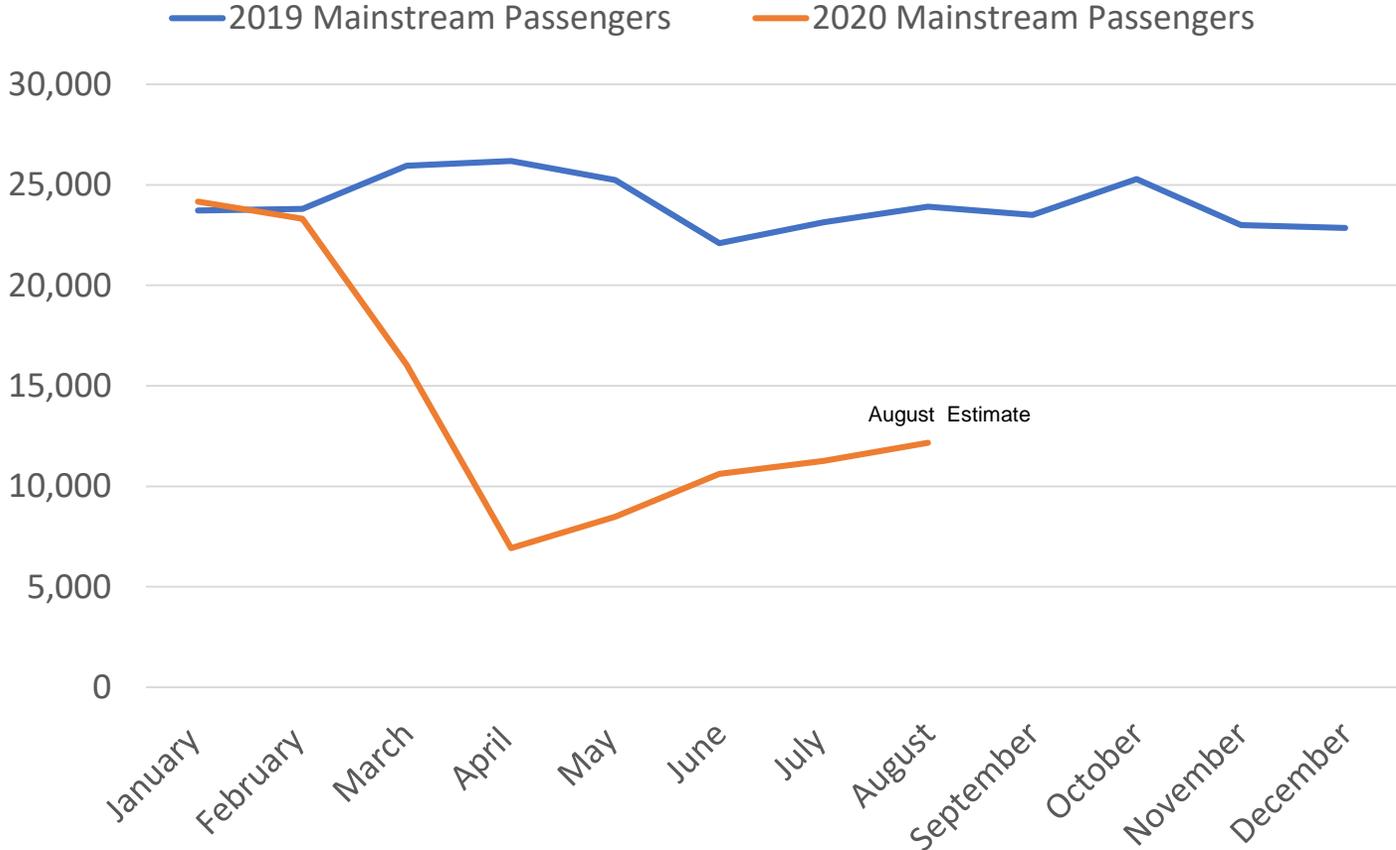
Central Ohio Transit Authority Continue



- **Core Mainstream service:**

- From 3/12 to 3/19 ridership **declined to 40%**
- By 3/26 ridership **declined to 30%**
- By early to mid-May ridership **increased 5% per week**
- Ridership **stabilized between 45-55% of normal** in June and July

COTA Core Mainstream Ridership



Central Ohio Transit Authority Continue

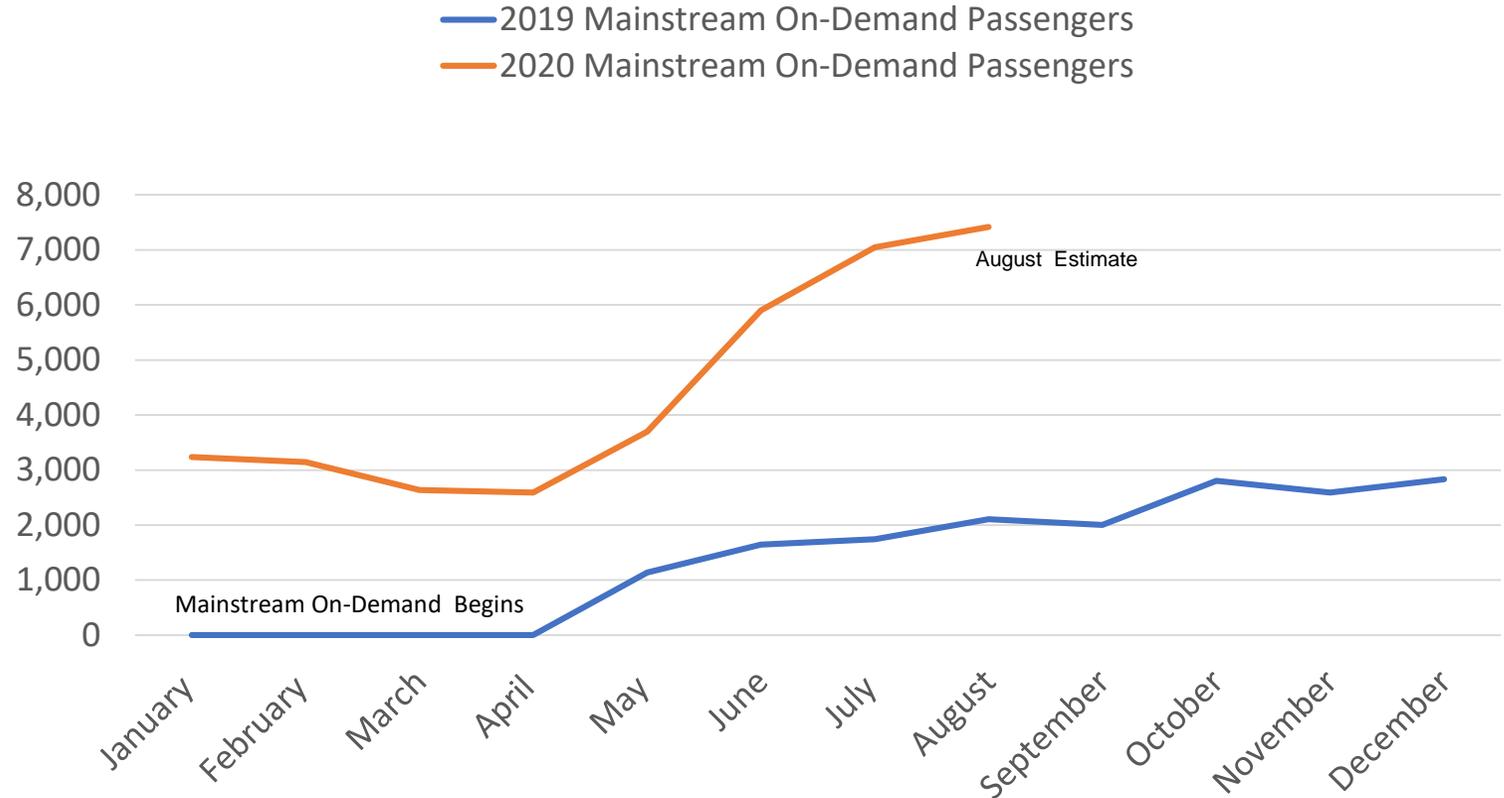


- **Mainstream On-Demand:**

- Ride within one hour of request

- Ridership declined during the initial panic weeks in March
- Ridership bounced back to **50% of normal** by the end of April
- Record-setting growth has continued;
38% of all Mainstream rides were On-Demand in July vs only 12% in January.
- Free COTA fares are **shifting customer preference** to Mainstream On-Demand.

COTA Mainstream on Demand Ridership



Delaware County Transit



MORPC

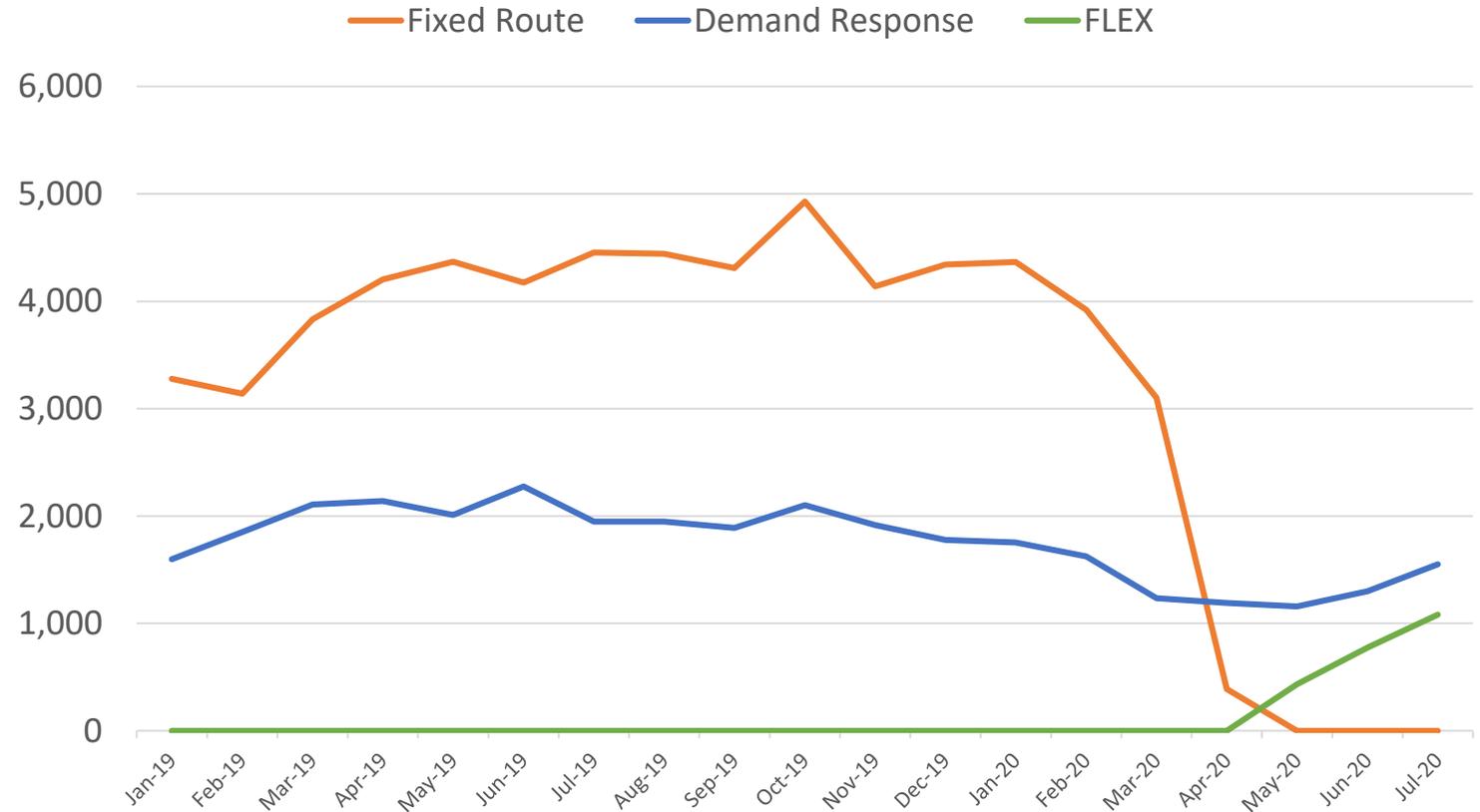
March to May

- Free Fares
- Overall DCT's ridership was **reduced to 30%** of normal
- All Fixed Routes in the City of Delaware were suspended April 20, 2020

June to August

- Overall ridership is still down, increasing each month
- Passengers fares were reinstated on June 1, 2020. However, Demand Response fares were reduced by approximately 30%
- All fixed routes remain suspended until the end of 2020
- A new on-demand service, termed FLEX began on June 1. This service has a 30-minute response time and currently operates only in the City of Delaware replacing fixed route service.

Delaware County Transit Ridership



THEA EWING, AICP NICK GILL

Transportation & Infrastructure Development
Mid-Ohio Regional Planning Commission

twalsh@morpc.org
ngill@morpc.org

111 Liberty Street, Suite 100
Columbus, OH 43215



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