COVID-19

Regional Transportation System Impacts
IMPACT TRACKING

- Highway
- Air Travel
- Transit
- Trails
- Air Quality
Data is based on 29 ODOT Permanent count stations throughout 15 counties in central Ohio.
Weekday Average Daily Traffic

Data is based on 29 ODOT Permanent count stations throughout 15 counties in central Ohio.
Weekday - Average Daily Traffic – AM Period – PM Period

Data is based on 29 ODOT Permanent count stations throughout 15 counties in central Ohio
From Traffic Volumes to Peak Period Congestion
Congested Peak Period Speed Reduction
Week of March 2nd

AM

PM

Speed Reduction*
- <5 mph
- 5 - 10 mph
- 10 - 15 mph
- 15 - 20 mph
- 20 - 30 mph
- >30 mph

*Average of each weekday’s worst 30-minute speed compared to free-flow speed. Source: INRIX Travel Time Data
Congested Peak Period Speed Reduction
Week of April 6th

AM

PM

Speed Reduction
- <5 mph
- 5 - 10 mph
- 10 - 15 mph
- 15 - 20 mph
- 20 - 30 mph
- >30 mph

*Average of each roadway's worst 30-minute speed compared to free-flow speed. Source: INRIX Travel Time Data
Congested Peak Period Speed Reduction

Week of June 1st
Congested Peak Period Speed Reduction
Proportion of Miles – Freeways/Expressways – Franklin County

AM

PM

Roadway Miles by Speed Reduction for Worst 30-min in AM
~freeway in FRANKLIN~

Roadway Miles by Speed Reduction for Worst 30-min in PM
~freeway in FRANKLIN~

Weeks from March 2nd

Weeks from March 2nd
AIR TRAVEL

COVID-19

Regional Transportation System Impacts
## NUMBER OF PASSENGERS

### WEEKLY PASSENGER FLOW 2019 vs. 2020 COMPARISON:
March 2 - April 27

<table>
<thead>
<tr>
<th>Week of</th>
<th>% Change, 2020 vs. 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Mar</td>
<td>-20%</td>
</tr>
<tr>
<td>9-Mar</td>
<td>-37%</td>
</tr>
<tr>
<td>16-Mar</td>
<td>-81%</td>
</tr>
<tr>
<td>23-Mar</td>
<td>-93%</td>
</tr>
<tr>
<td>30-Mar</td>
<td>-95%</td>
</tr>
<tr>
<td>6-Apr</td>
<td>-97%</td>
</tr>
<tr>
<td>13-Apr</td>
<td>-97%</td>
</tr>
<tr>
<td>20-Apr</td>
<td>-96%</td>
</tr>
<tr>
<td>27-Apr</td>
<td>-95%</td>
</tr>
</tbody>
</table>

*Data Source: Columbus Regional Airport Authority (CRAA)*
## AIR CARGO LBS (ENPLANED + DEPLANED)

<table>
<thead>
<tr>
<th>Month</th>
<th>% Change, 2020 vs. 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>-25%</td>
</tr>
<tr>
<td>February</td>
<td>-8%</td>
</tr>
<tr>
<td>March</td>
<td>-11%</td>
</tr>
<tr>
<td>April</td>
<td>-7%</td>
</tr>
</tbody>
</table>

*Data Source: Columbus Regional Airport Authority (CRAA)*
Central Ohio Transit Authority

Free Fares

• **Fixed Route Service:**
  • Scaled back service from 3/17 to 4/27 **to operate at 53% of capacity** based on lower ridership
  • Minor service additions have been added since 5/4 bringing service up **to operate at 57% of capacity** based on lower ridership
  • Mobility fixed route assistance service picks up passengers passed up due to 20 passenger limited buses on high ridership routes

• **Ridership**
  • The past few weeks weekday ridership is at about 33%
  • Weekend service is at about 50%

• **Core Mainstream service:**
  • From 3/12 to 3/19 ridership **declined by 60%**
  • By 3/26 ridership **declined by 70%**
  • By early to mid-May ridership **increased 5% per week**
  • The beginning of June ridership is back between 55 and 60%

• **Mainstream On-Demand:** - Ride within one hour of request
  • Ridership declined the same way during the initial panic weeks in March
  • Ridership bounced back to **50% ridership** by the end of April.
Delaware County Transit

*Free Fares until June 1st*

- Over all DCT’s ridership was **reduced by 70%** of normal

- The Green Fixed Route from the City of Delaware along US 23 to Crosswoods was suspended 3/26, it will resume on July 3rd

- All other Fixed Routes in the City of Delaware were suspended on 4/20 while Demand Response continued, these fixed routes will be suspended until December 31st

- On June 1st DCT begin a low fare FLEX call ahead pilot for service within Delaware City during the weekdays
TRAILS

COVID-19

Regional Transportation System Impacts
Central Ohio Greenways

• Metroparks and Greenways use:
  • April 2019: 1.02 Million visitors
  • April 2020: 1.36 Million visitors
  • 35% increase
AIR QUALITY

COVID-19

Regional Transportation System Impacts
2020 Ozone Pollution is 8% below 5-year average and running near 20-year low values.
Air Quality Media Coverage

The Columbus Dispatch

More Americans affected by air pollution

This Week Community News

MORPC Matters: Air pollution hard to see but even harder to ignore
Air Quality Monitoring Subcommittee