



Draft 2030-2050 Regional Transportation Plan

Wasatch Front Regional Council // October 28, 2021

OVERVIEW

Regional Transportation Plan



Four-Year Cycle



Financially
Constrained



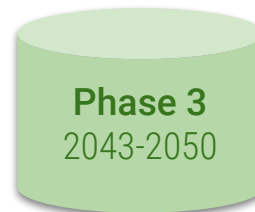
Air Quality
Conformity



Phase 1
2023-2032



Phase 2
2033-2042



Phase 3
2043-2050

2023-2050 RTP Objectives



Address disruptions and
uncertainties



Improve fit of the regional vision
with local plans



Explore policies, not just
investments



Support the implementation
of the Vision



Use performance measures
to inform decisions



Engage communities, partner
agencies, stakeholders, and the
public in the planning process

WHERE WE'VE BEEN



Addressing disruptions and uncertainties

EXTERNAL FORCES



COVID-19



CONNECTED &
AUTONOMOUS
VEHICLES



E-COMMERCE
& DELIVERY



ELECTRIC VEHICLE
ADOPTION



FREIGHT
DISRUPTIONS



HIGH-TECH
TRANSIT
SYSTEMS



INTER-REGIONAL
HIGH-SPEED
TRANSIT



MICRO-MOBILITY
& E-BIKES



ON-DEMAND
TRAVEL
& SHARING
SERVICES



PASSENGER
DRONES




TELECOMMUTING


Engage communities, partner agencies, stakeholders, and the public in the planning process

WFR Urban Freight and Local Delivery Urban Freight and Local Delivery

docs.google.com/presentation/d/1p5q_BP6Np/PvM4HG4WUp-2mbrW_16CSF2cdvHUB/edit#slide=id.gafdc0908f7_d_18



Ned Hacker



WASATCH CHOICE
VISION

Urban Freight and Local Delivery Stakeholder Workshop

August 17, 2021

0:05 / 1:30:12

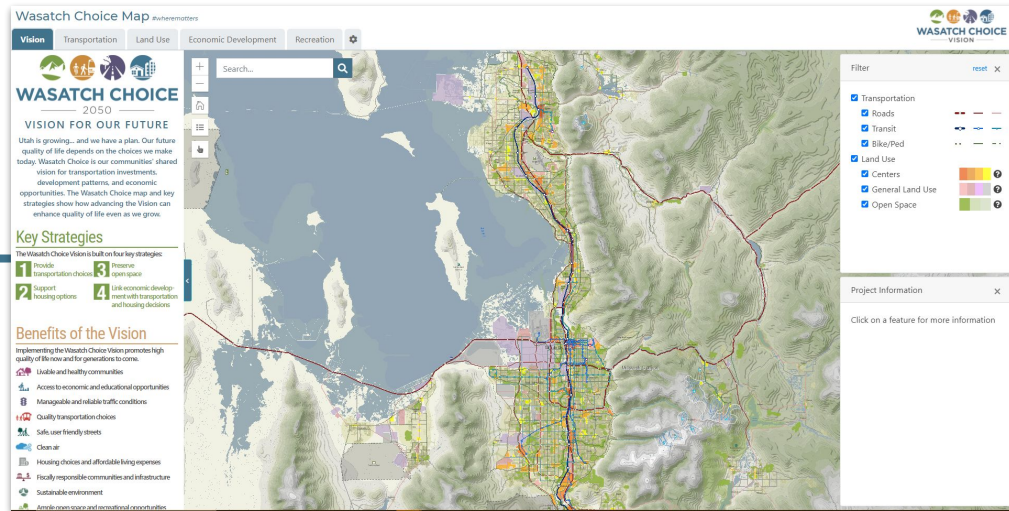
1-6 17 04:00

Improve fit of the regional vision with local plans

Local Vision and Transportation Master Plans



Regional Transportation Plan



WHERE WE ARE TODAY

Wasatch Choice Workshops



Wasatch Choice Workshops

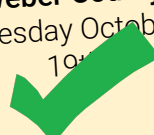
Box Elder County
Tuesday October 12



Southern Weber County
Monday October 1



Northern Weber County
Tuesday October 19



Southwestern Salt Lake County
Monday October 10th

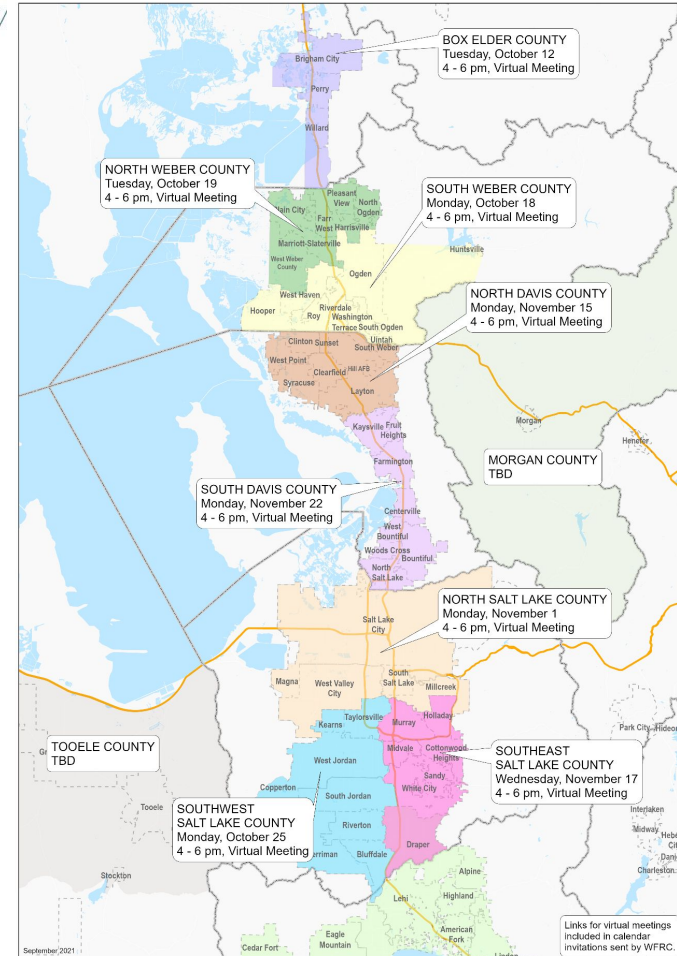


Northern Salt Lake County
Monday November 1st

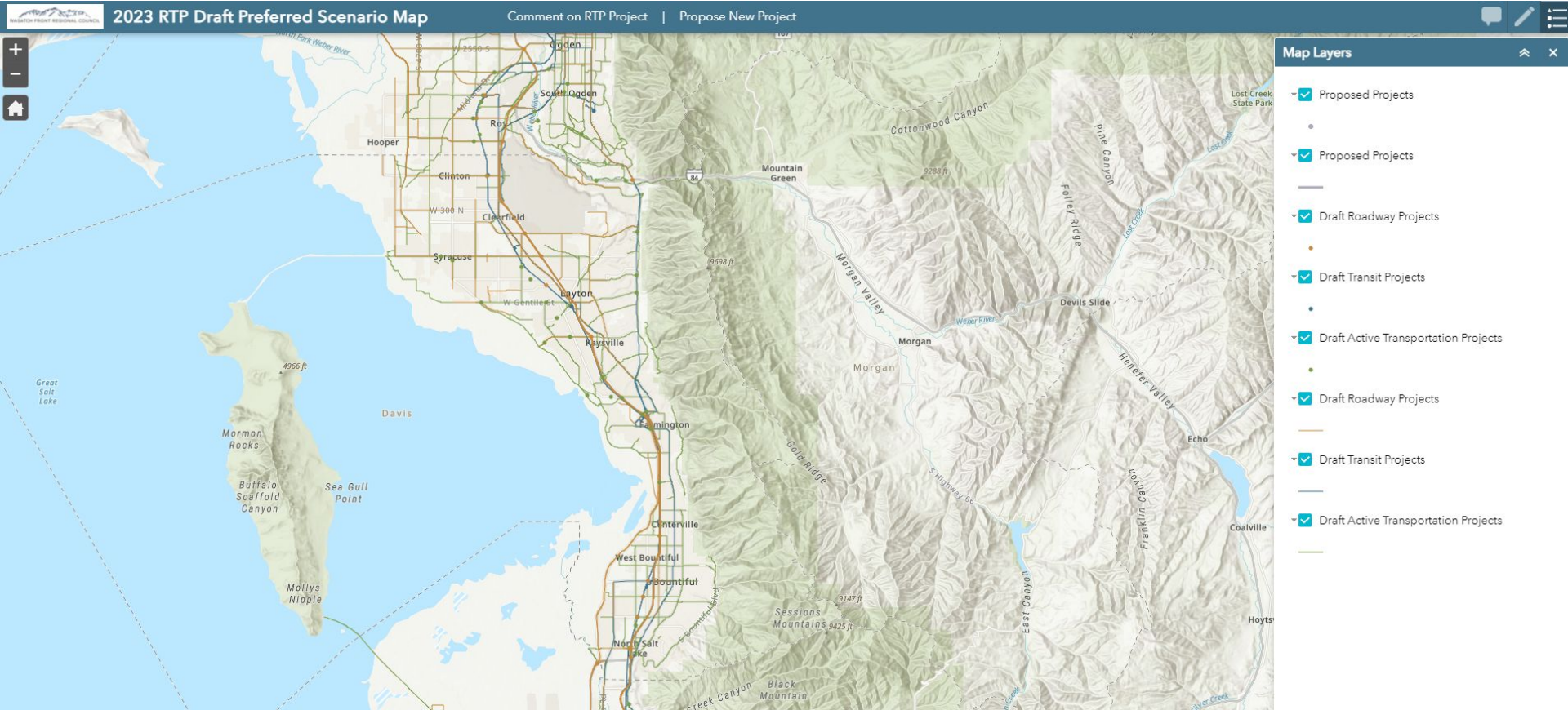
Northern Davis County
Monday November 15th

Southeastern Salt Lake County
Wednesday November 17th

Southern Davis County
Monday November 22nd



<https://wfr.org/rtp-2023-draft-preferred-scenario-map/>



Use performance measures to inform interim decisions

10 Regional Goals



Livable and healthy communities



Access to economic and educational opportunities



Manageable and reliable traffic conditions



Quality transportation choices



Sustainable environment, including water, agricultural, and other natural resources



Safe, user friendly streets



Housing choices and affordable living expenses



Clean air



Ample parks, open spaces, and recreational opportunities



Fiscally responsible communities and infrastructure

Use performance measures to inform interim decisions

ROADS

- Increases connectivity
- Improves traffic conditions
- Improves roadway operations
- Improves freight mobility
- Improves safety
- Preserves a future corridor

TRANSIT

- Meets ridership thresholds
- Improves connectivity of transit system
- Preserves a future corridor
- Connects to Wasatch Choice Centers
- Aligns with UTA Long Range Transit Plan

ACTIVE TRANSPORTATION

- Updated with new Active Transportation Master Plans
- Coordination with UDOT and local communities

NEXT YEAR

Explore policies, not just investments



CONGESTION
PRICING



CURBSIDE
MANAGEMENT



ZERO-FARE
TRANSIT



LOCAL STREET
DESIGN
MODIFICATIONS



MANAGED LANES



PARKING
MODERNIZATION



ROAD USAGE
CHARGE



STREET
CONNECTIVITY



TRANSIT
PRIORITY



CENTERED
DEVELOPMENT

Schedule



- ★ RGC TAC Meetings
- ★ RGC Meetings



Draft 2030-2050 Regional Transportation Plan

Wasatch Front Regional Council // October 28, 2021

WFRC

Highway & Transit System Report

September 2021

by
Kip Billings

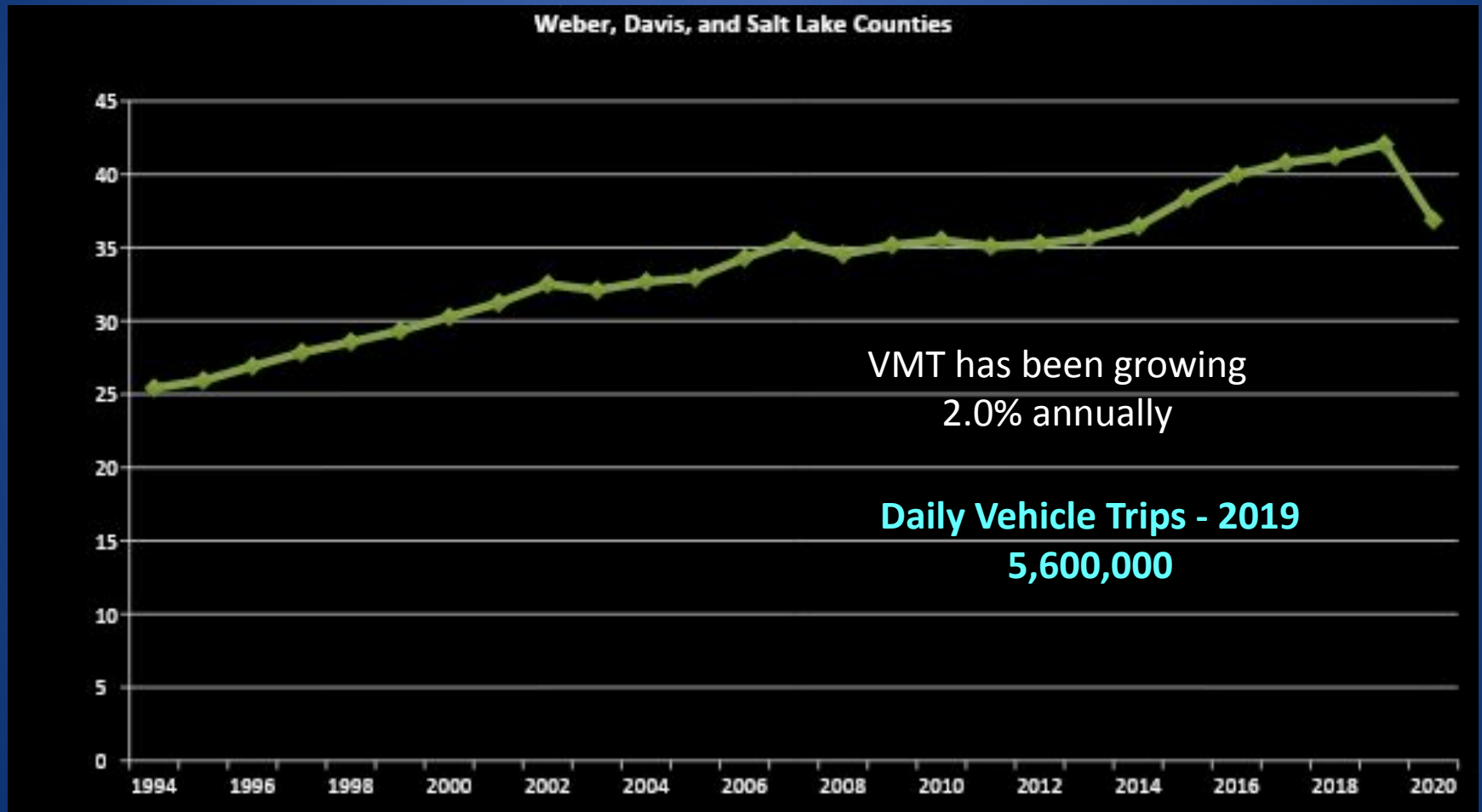
Performance Measures

- **Highway**
 - Daily VMT
 - VMT/Capita
 - Covid highway trends
 - Traffic Speed PM Peak 2019
 - Telecommuting
- **Transit**
 - Passengers by Mode
 - Annual Passengers/Capita
 - Covid transit trends
- **Active Transportation**

HIGHWAY PERFORMANCE

Daily VMT

(UDOT HPMS data)



Source: UDOT HPMS data.

Traffic Volume Trends

Pre-Covid, Post-Covid

2020-2021 Traffic Volume Trends | Highways and Freeways

Number of Stations | 335



Year-to-Date | Total of all days in 2020 or 2021 compared to all days in 2019 to the current date.
Selected Month | Average of 2020 or 2021 volume divided by 2019 volume for selected month.
7-Day Rolling Average | Percentages are calculated using a rolling average of the previous 7 days. All filtered sites are weighted based on volume. Volumes include mainline general purpose lanes only.

Metrics | 2020-2021 Relative to 2019 7-Day Rolling Average

2020

All Days
88%

Weekdays
88%

Weekends
86%

Most Recent 7-Day Average
96%

2021

All Days
99%

Weekdays
98%

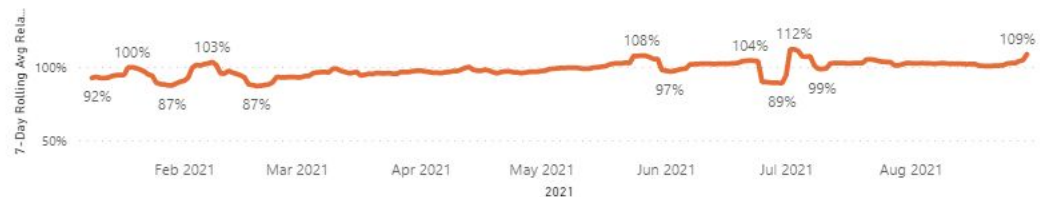
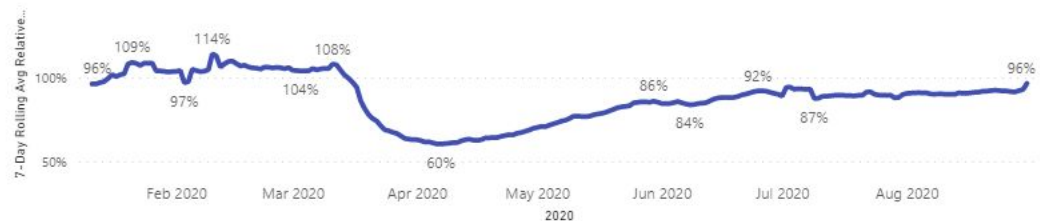
Weekends
102%

Most Recent 7-Day Average
109%

20-21 Selected State Route Traffic Volume Relative to 2019 | 7-Day Rolling Average

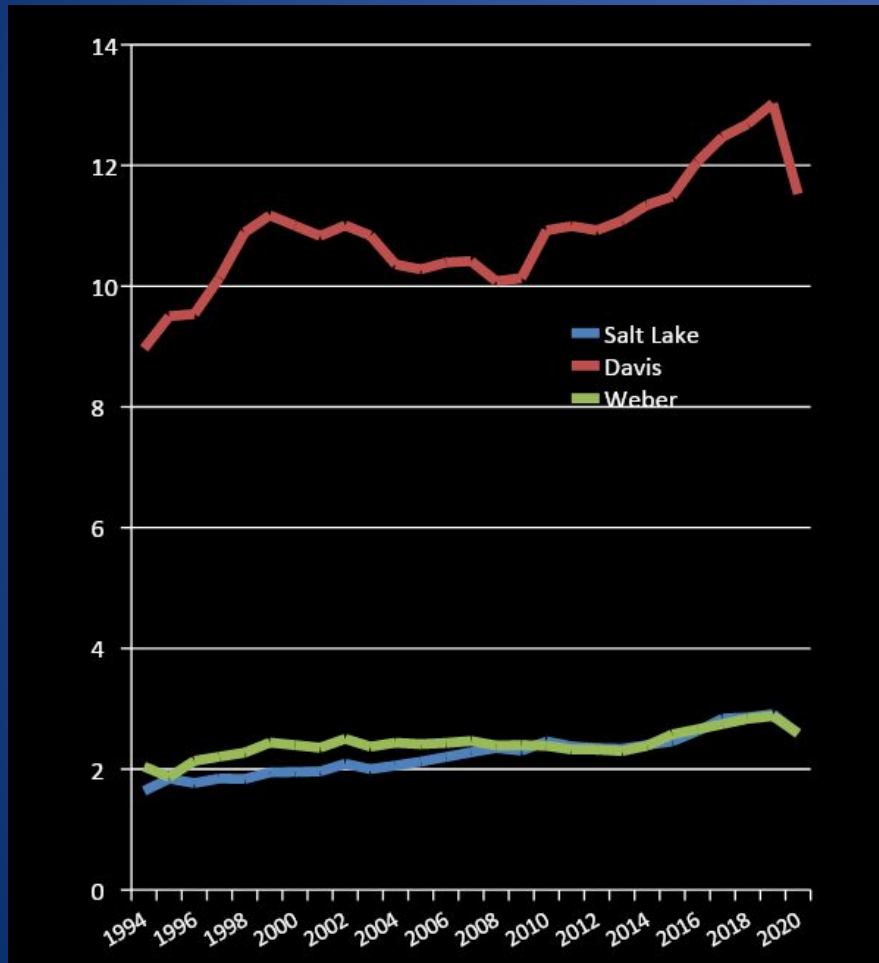
Region: 2 County: Salt Lake County, ... Route: All Date Range: 1/9/2021 to 8/30/2021

Multiple Stations Selected

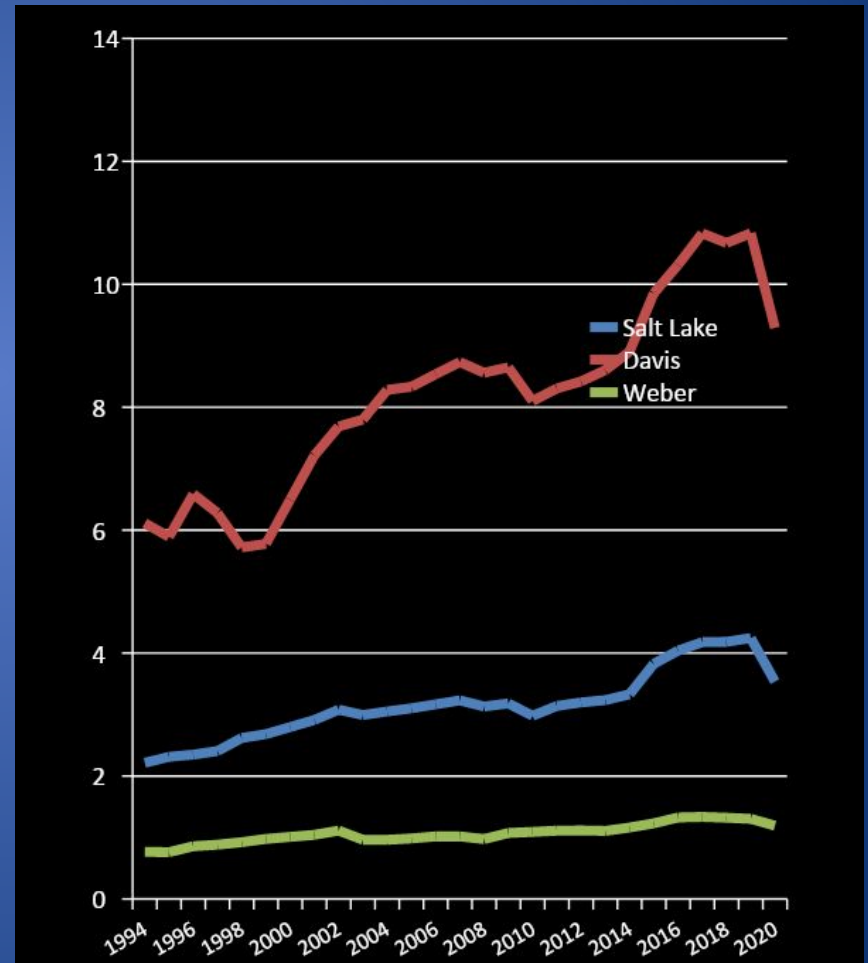


Daily VMT: 1994 - 2020

Arterials

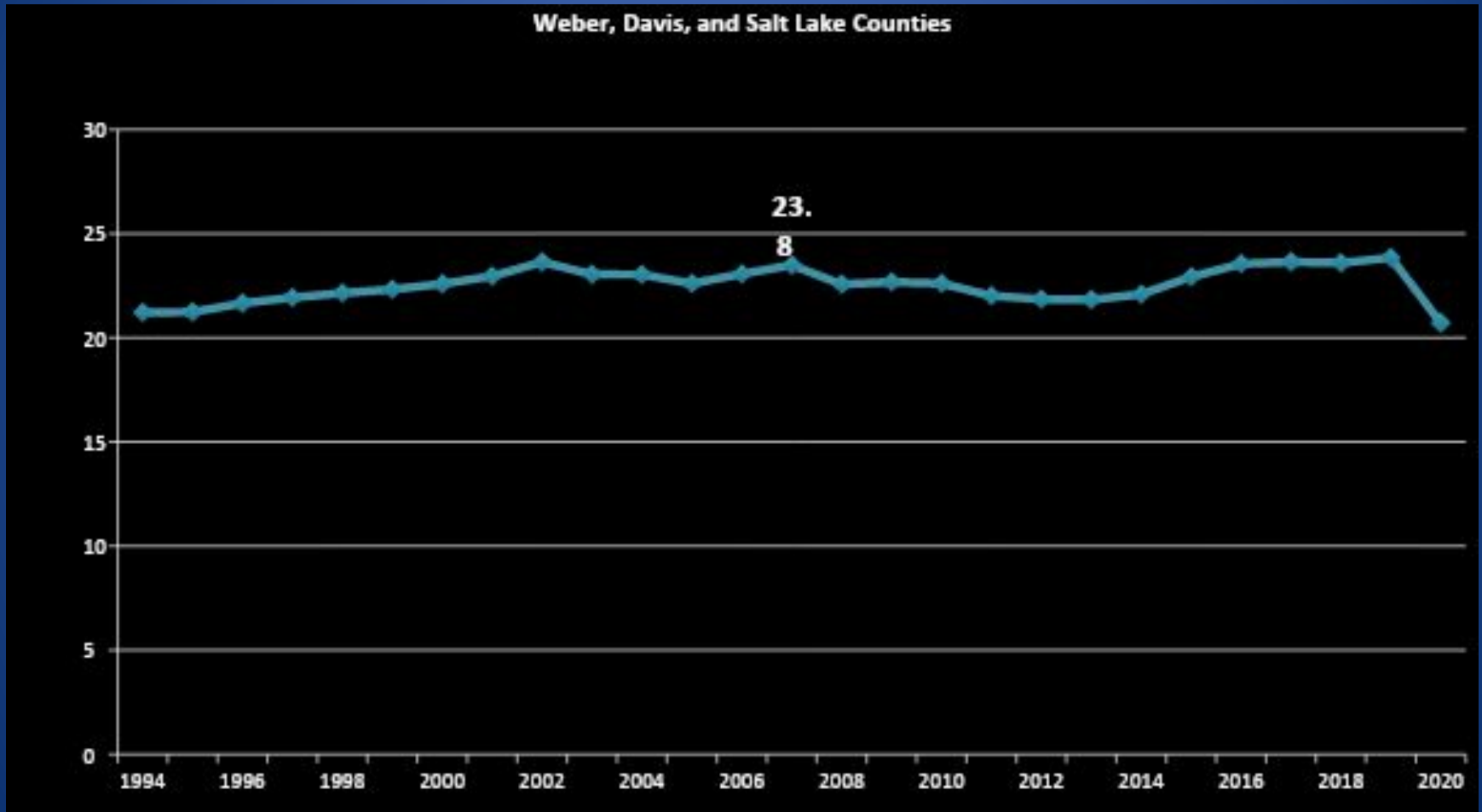


Freeways

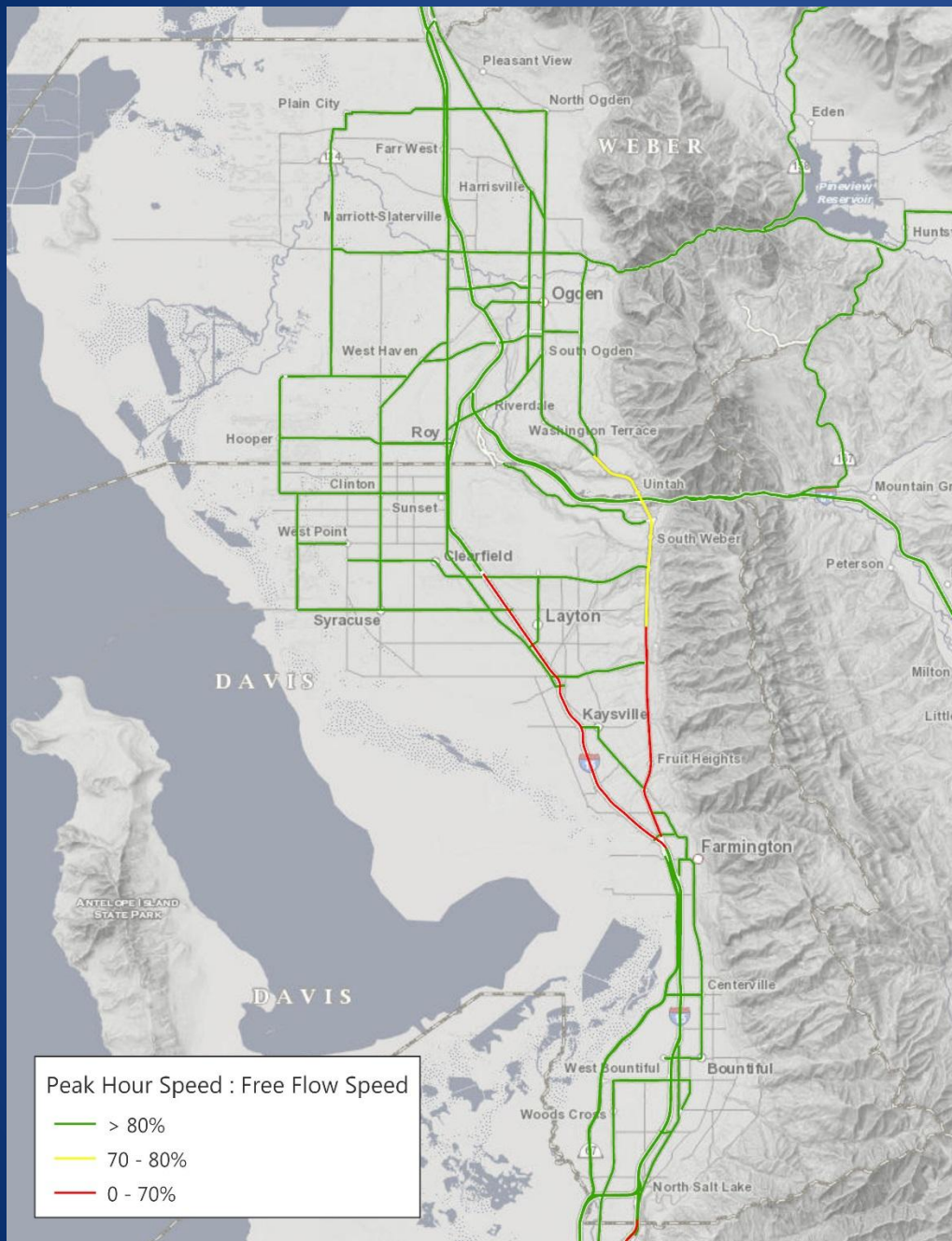


Source: UDOT HPMS data.

VMT per Capita



Source: UDOT HPMS data.



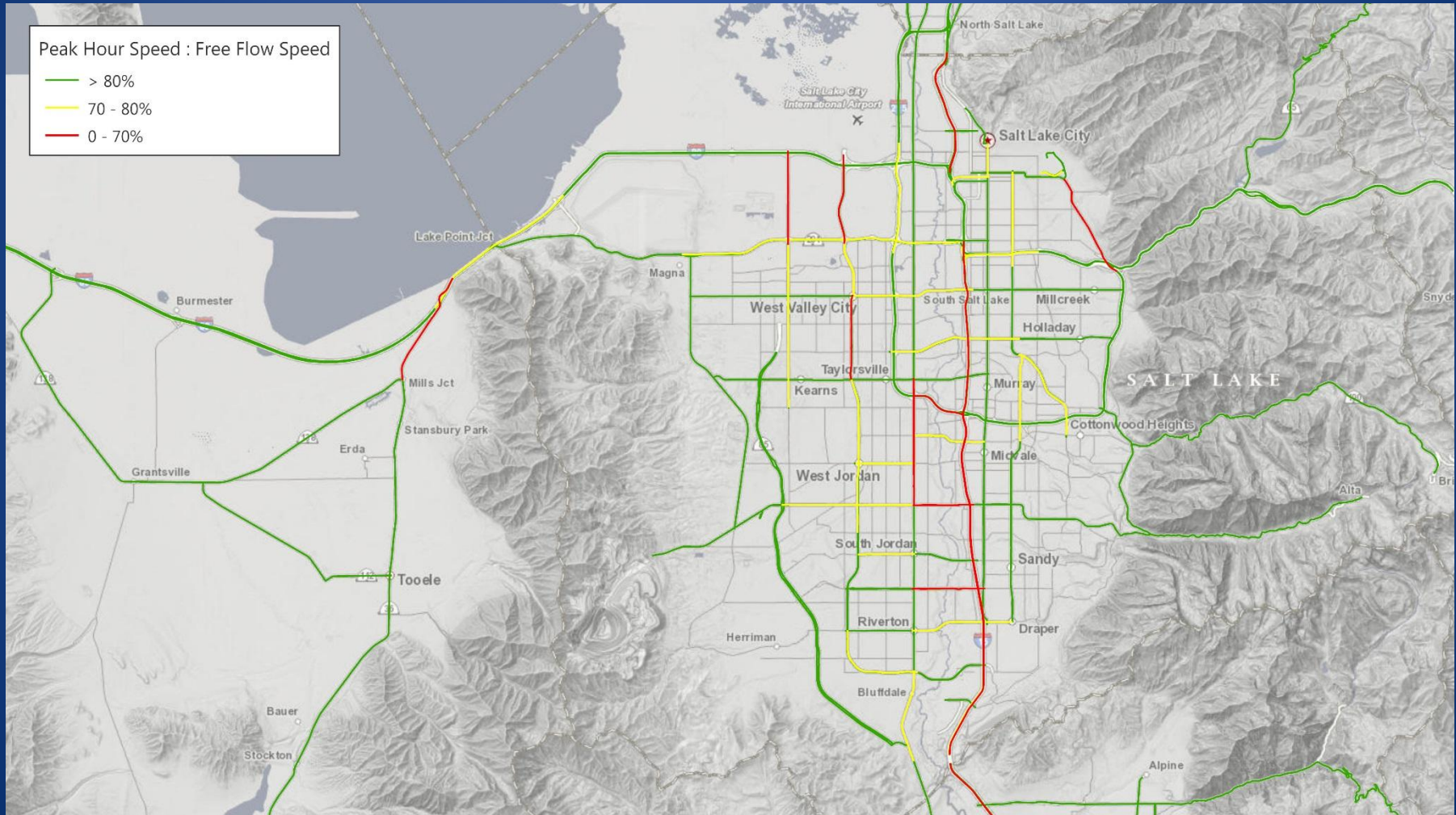
PM Peak Speed / Free Flow Speed

Weber County &
Davis County
2019

Source: UDOT Speed Map 2019.

PM Peak Speed/Free Flow Speed

Salt Lake County & Tooele County 2019

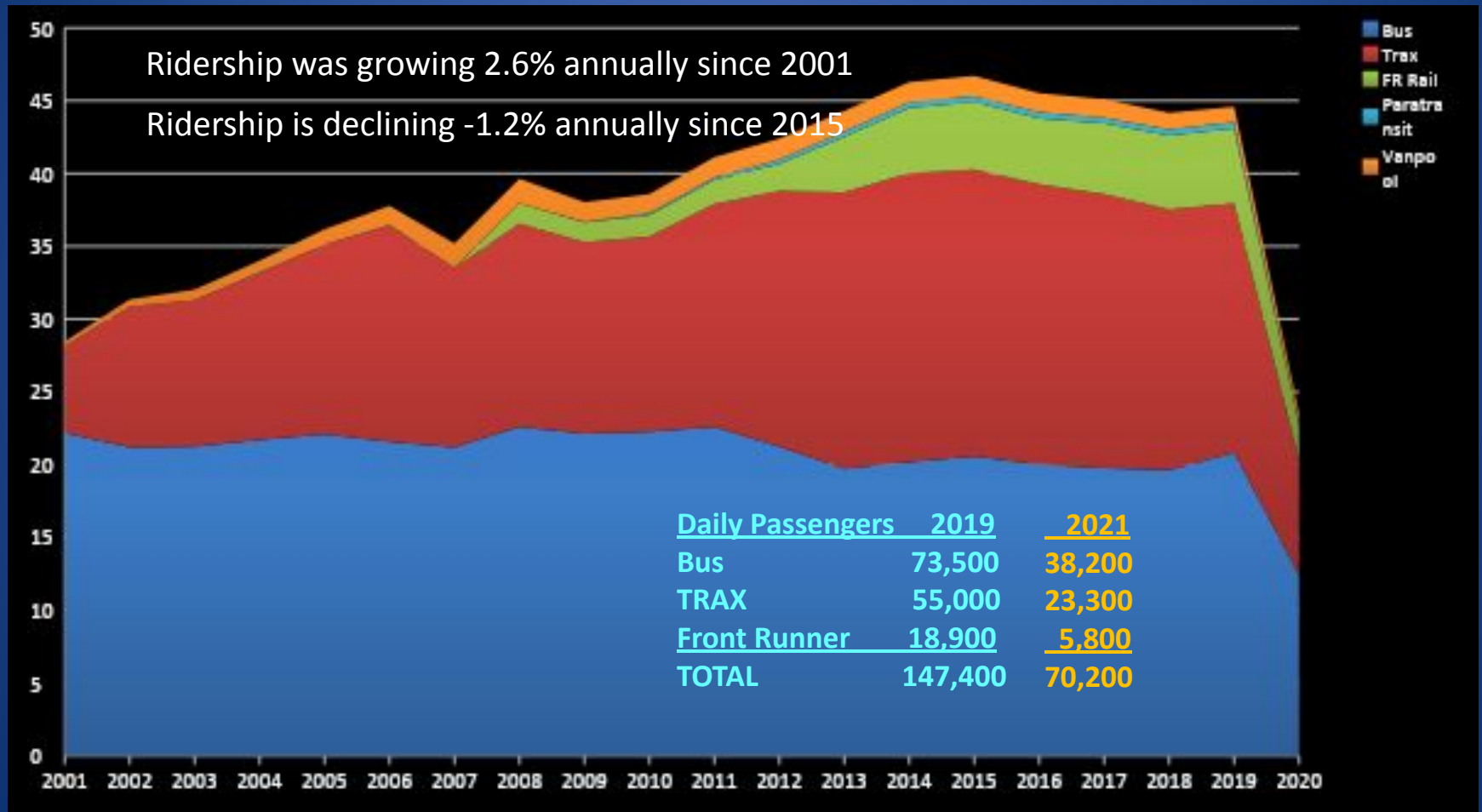


Remote Work Lessons

- Travel to work: 1/3 of VMT
 - Jobs that can work remotely: 1/3 to 2/3
- Continued remote work: 93%
- Virtual meetings are here to stay
- **Remote work is a cost effective congestion & emissions strategy**

TRANSIT PERFORMANCE

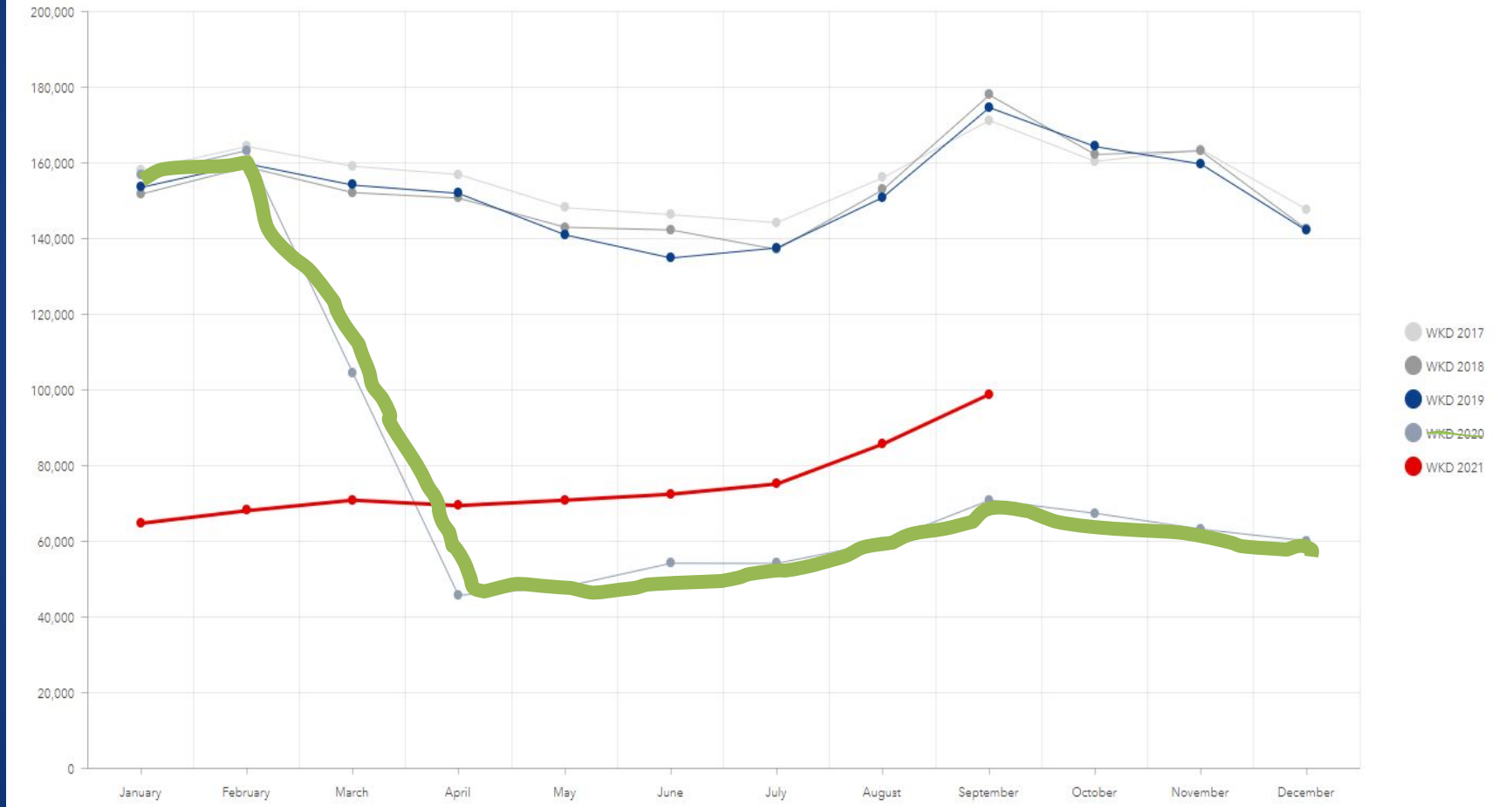
UTA Ridership Trend: 2001-2020



Source: National Transit Database, UTA Data Portal, UTA CAFR

Covid-19 Transit Impact: 2017-2021

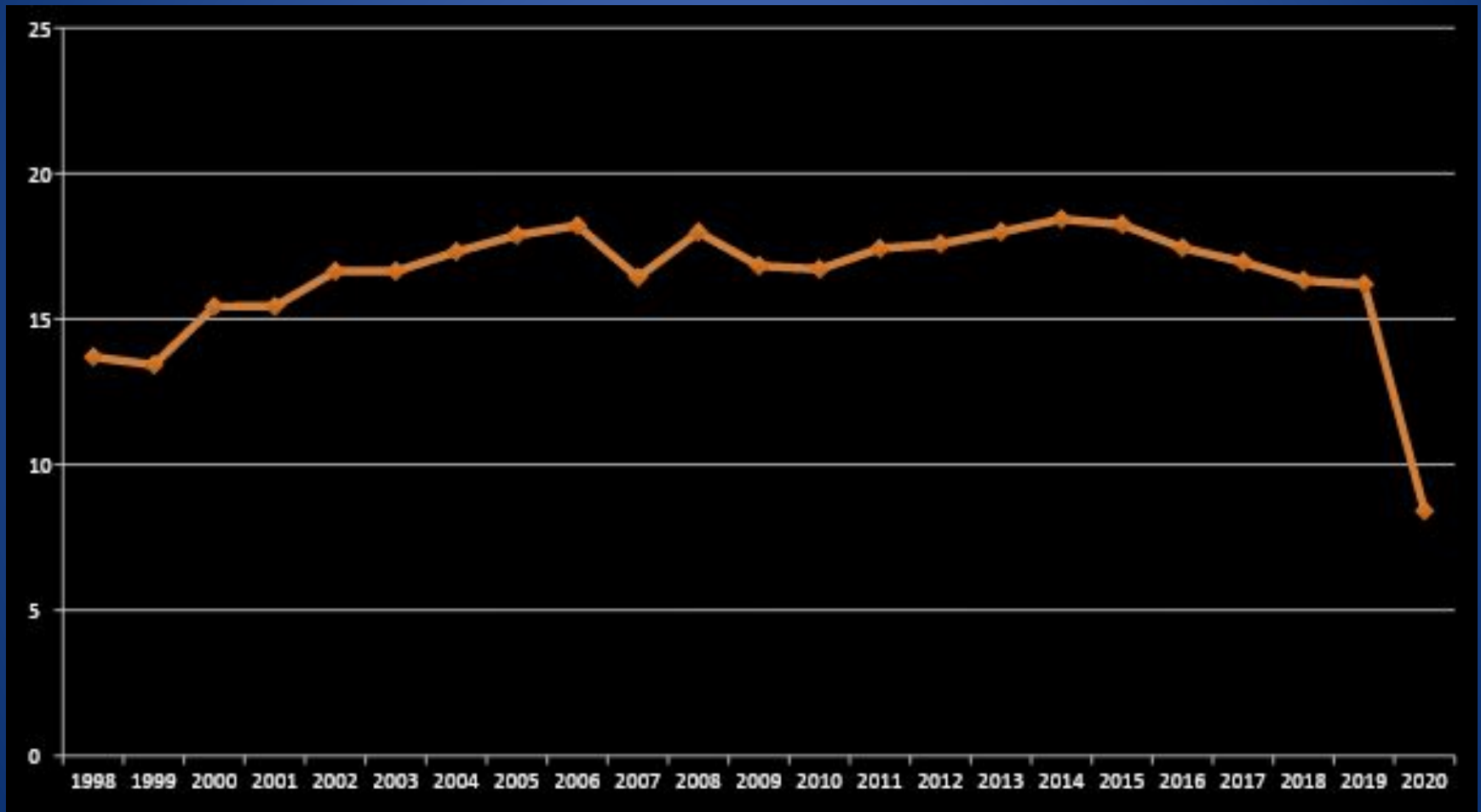
Systemwide Average Weekday Boardings



Source: UTA Data Portal

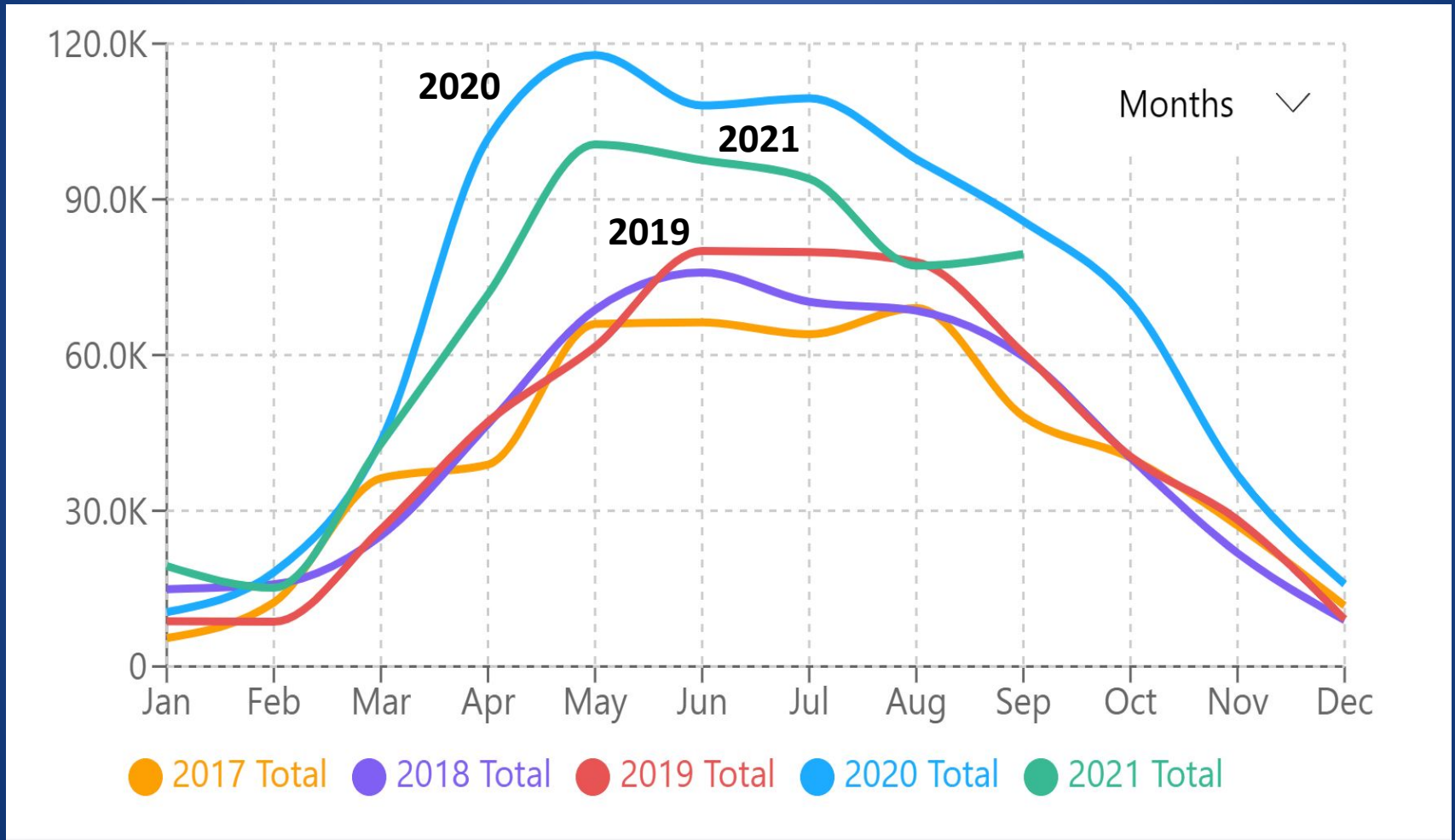
UTA Annual Transit Passengers per Capita

(All Modes)



Source: National Transit Database

Biking Trips in WFRC MPO area



Kip Billings
kip@wfrc.org
801.363.4250

Speed Map:

<http://arcg.is/10uy8>

UTA Data Portal:

<https://data-rideuta.opendata.arcgis.com/>

Future of Remote Work

- Everyday 32%
- 3-4 days per week 23%
- 1-2 days per week 20%

SURVEY:
50% reduction
daily work trips

- or -

15% reduction
total VMT