

MOBILITY STRATEGY OF MEXICO CITY DURING THE COVID-19 PANDEMIC

Rodrigo Díaz

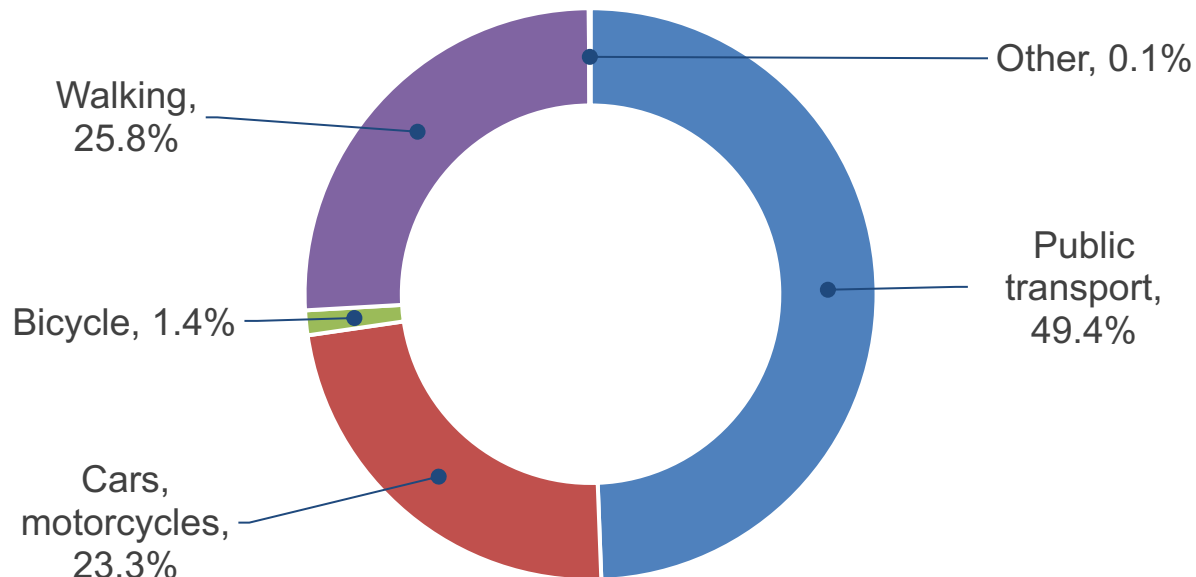
**Undersecretary of Planning, Policies and Regulation
Ministry of Mobility – Mexico City**



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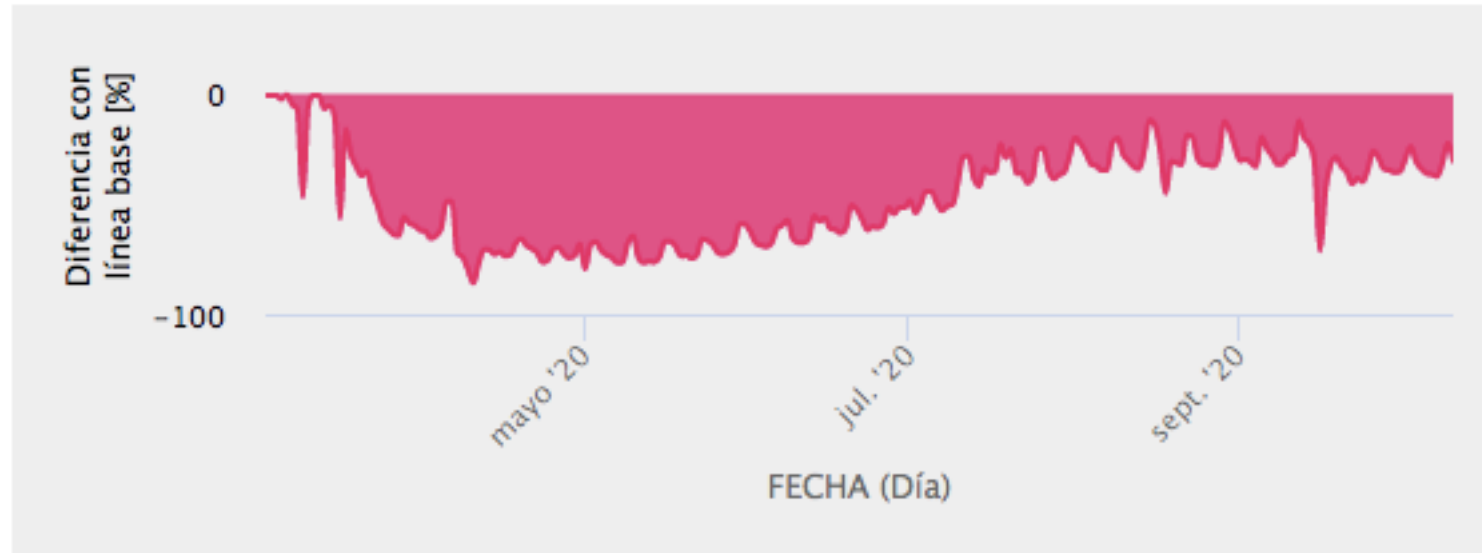
MODAL SPLIT ZMVM



MOBILITY TRENDS DURING COVID-19 PANDEMIC

- Increasing number of trips. This number is growing faster in the case of private modes (cars, motorcycles, bicycles)
- Participation of private modes is increasing in modal split. Public transport is the big loser
- Fewer kilometers travelled. Increase in the number of short distance local trips
- Trips moving towards off-peak hours
- Explosive growth of delivery services

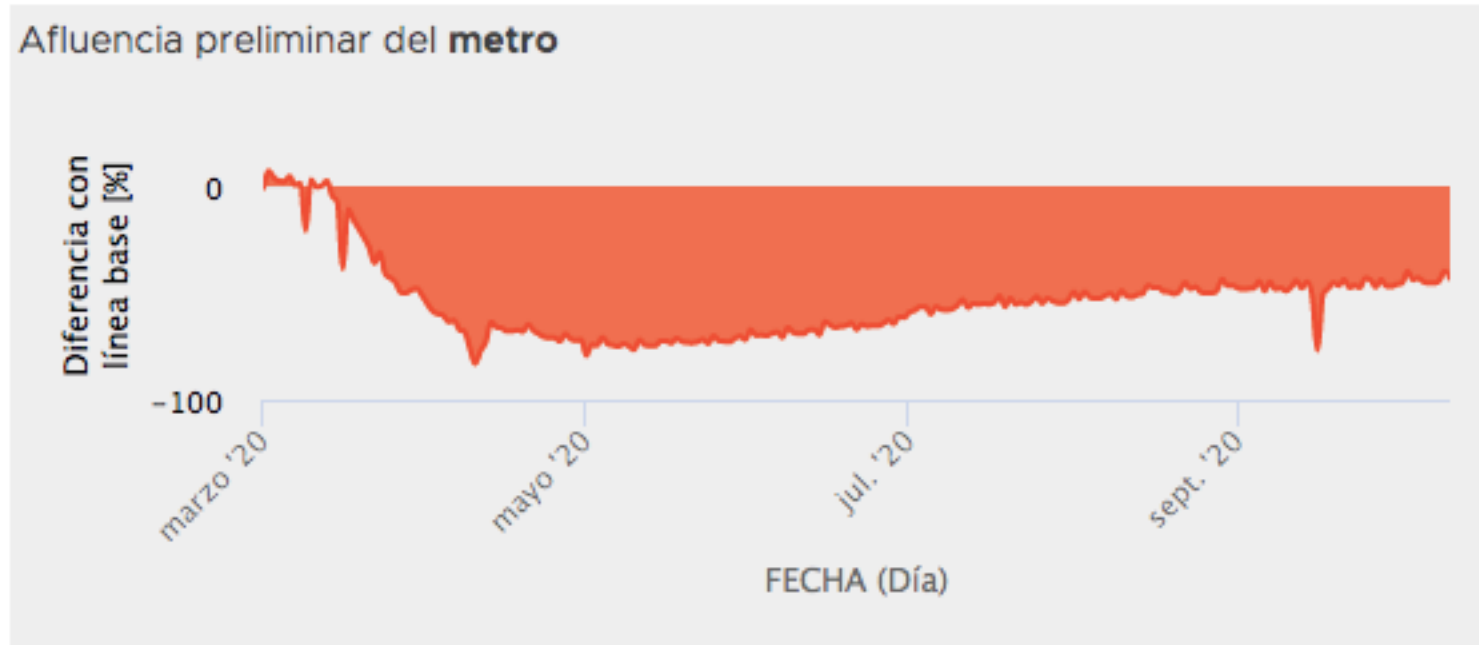
TRAFFIC TREND



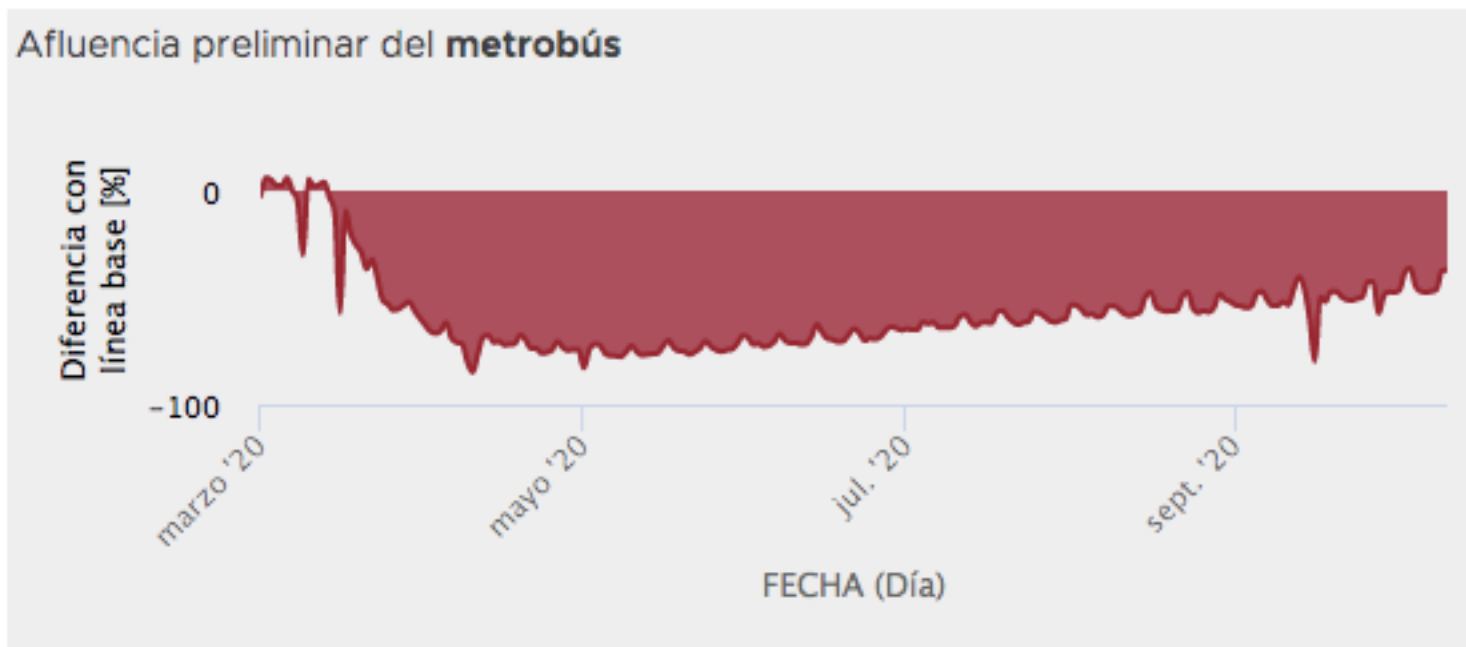
Percentage difference in traffic between March 1st and October 9, 2020

Source: Waze

METRO DEMAND MARCH - OCTOBER

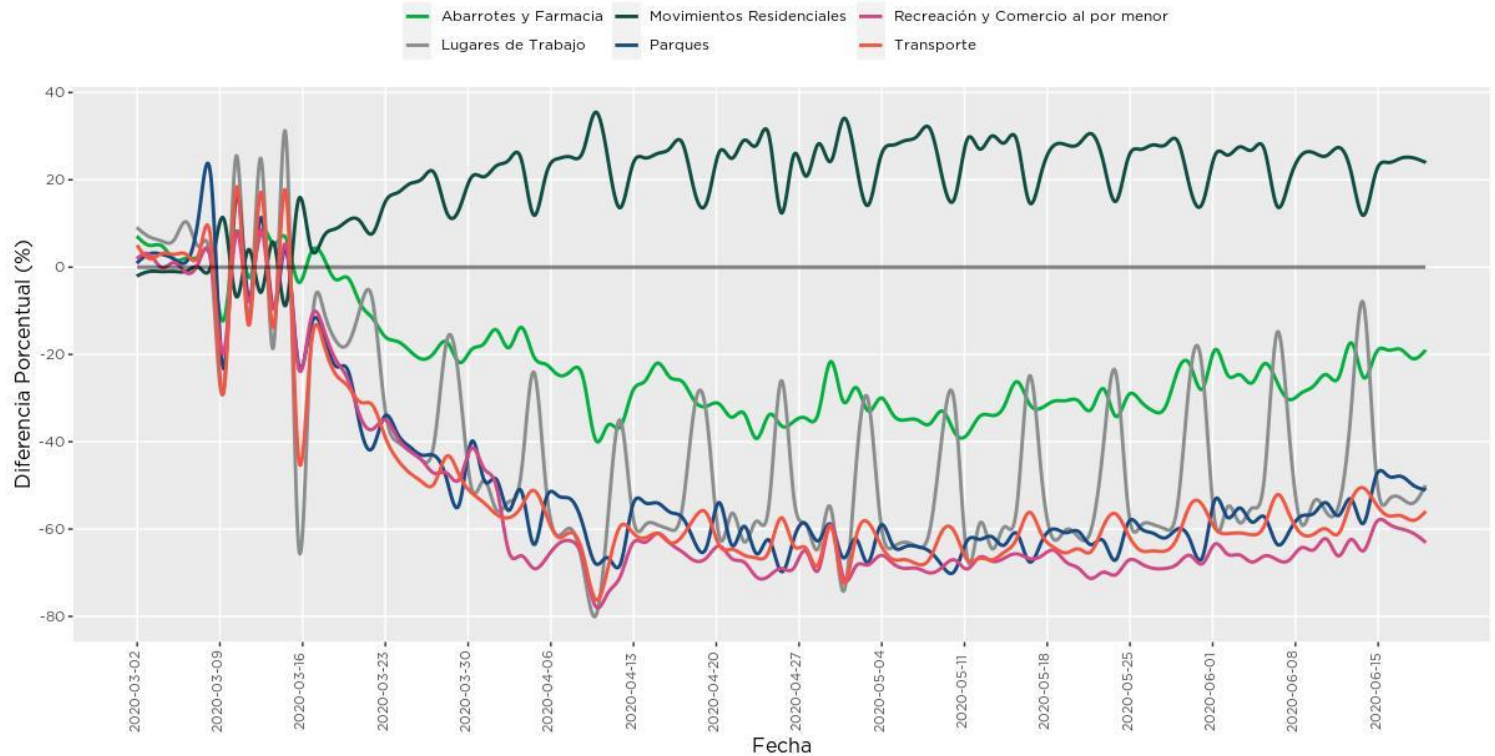


BRT SYSTEM DEMAND MARCH - OCTOBER



TRIPS BY ECONOMIC SECTOR

Movilidad en distintos sectores de la Ciudad de México



MODAL TRENDS



MAIN CHALLENGES

- To keep social distance whereas number of trips increases
- To avoid the shift from sustainable modes to cars and motorcycles
- To guarantee financial sustainability of public transport systems in a scenario of sustained low demand
- To sustain the process of technological improvement of modes in a time when financial resources are scarce

STRATEGIES

PROTECTION FOR OPERATORS AND USERS

- Implementation of hygiene and sanitation measures in stations, buses and trains
- Individual prevention measures (mandatory use of face mask, supply of hand sanitation gel in transport stations, etc.)

TRANSPORT DEMAND MANAGEMENT

- Optimization of transport supply
- Transport demand management measures oriented to decrease number of trips and to redistribute them throughout the day
- Social distance measures in public transport stations, buses and trains
- Emerging infrastructure: cycle lanes, pedestrianization of streets, sidewalk expansion

PROTECTION FOR OPERATORS AND USERS



PUBLIC HEALTH CAMPAIGNS



SOCIAL DISTANCE IN PUBLIC TRANSPORT STATIONS



SOCIAL DISTANCE IN PUBLIC TRANSPORT STATIONS



SOCIAL DISTANCE IN PUBLIC TRANSPORT



TRANSPORT DEMAND MANAGEMENT

Avoid peak hours if you have to travel

From 9 to 5 is better

Bicycle is a great option



SI ES NECESARIO TRASLADARTE,
EVITA HORAS PICO



VIAJAR DE
9 A 5
ES MEJOR



TAMBIÉN, LA BICI ES UNA GRAN ALTERNATIVA

#QuédateEnCasaCDMX



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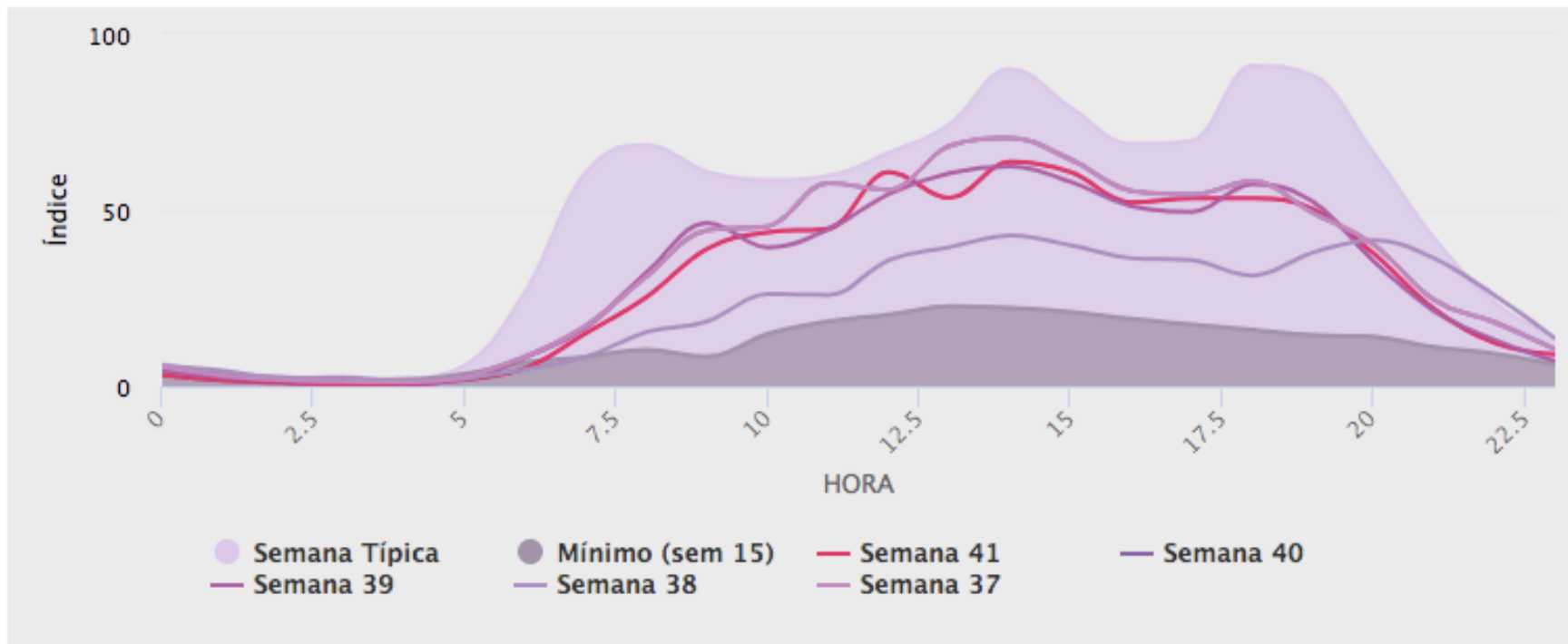
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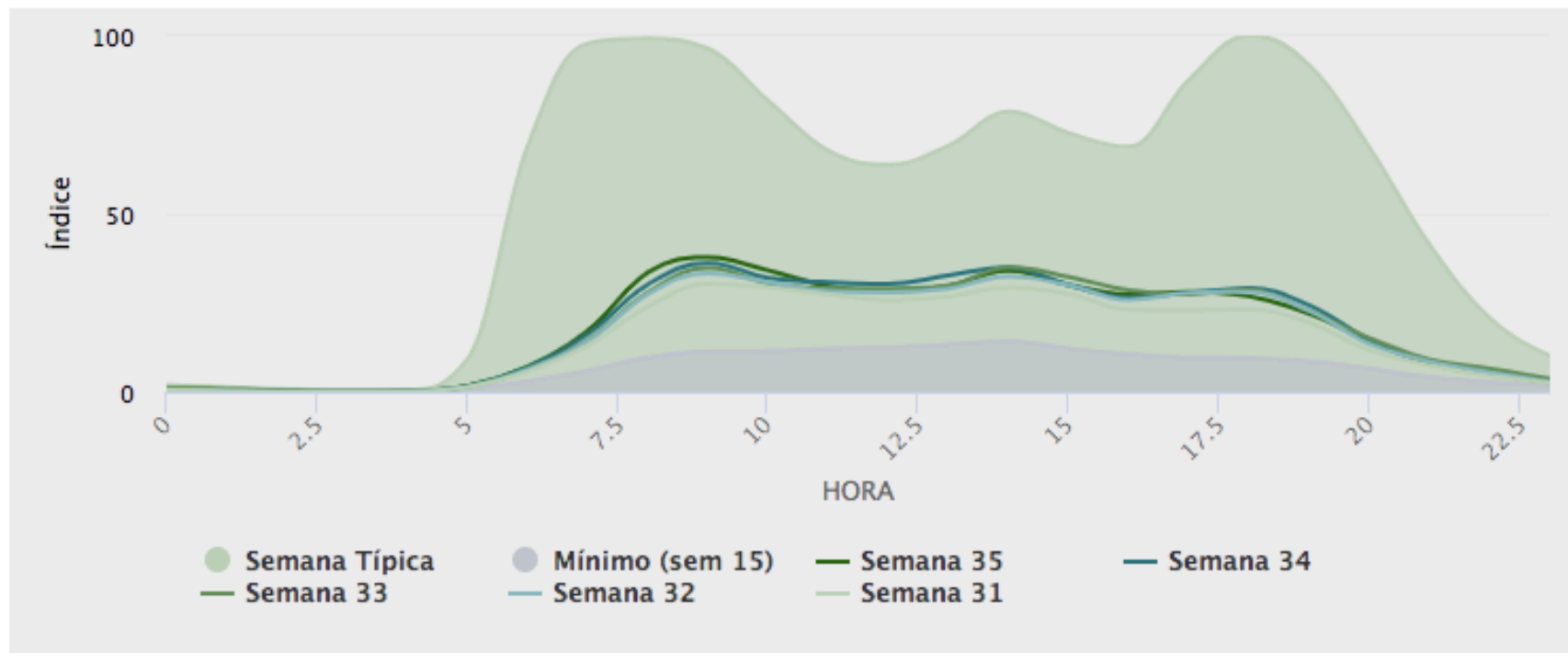
COVID-19

CIUDAD INNOVADORA Y DE
DERECHOS / NUESTRA CASA

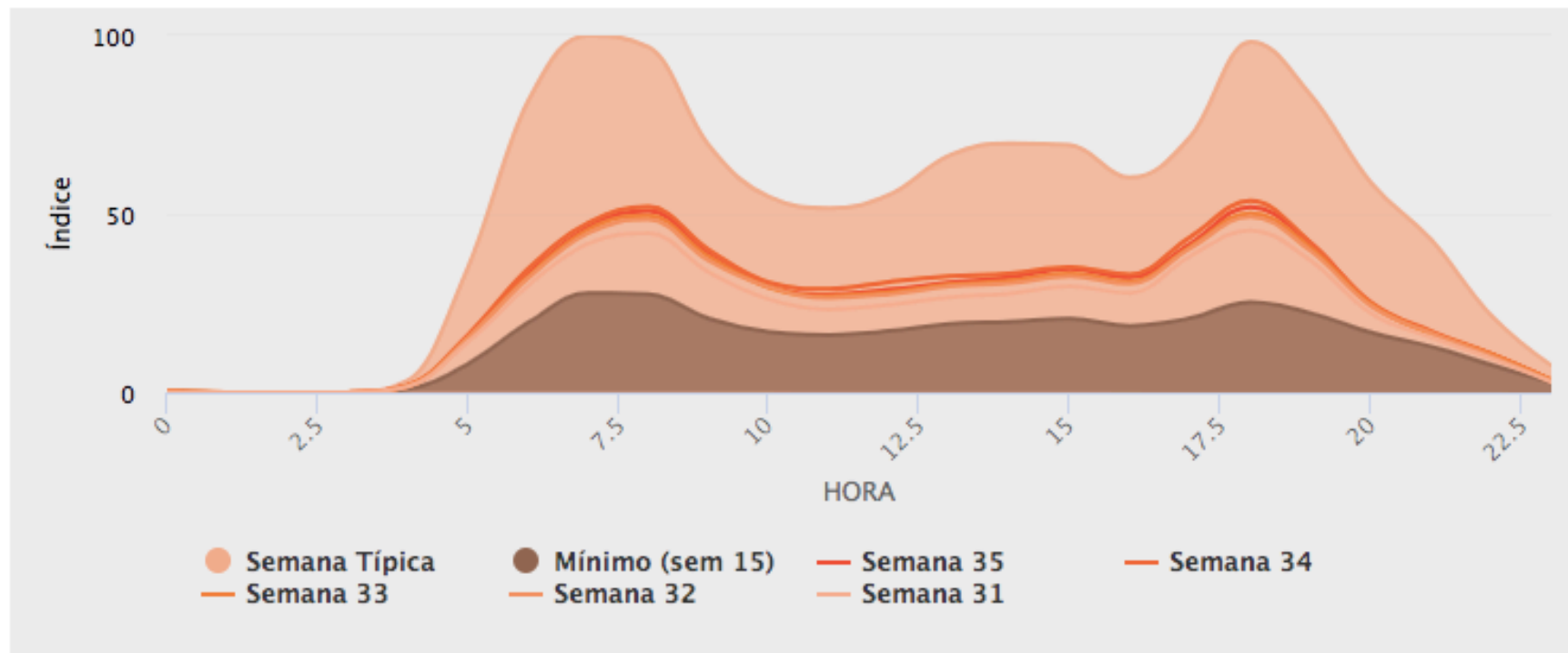
HOURLY DEMAND – MOTORIZED TRAFFIC



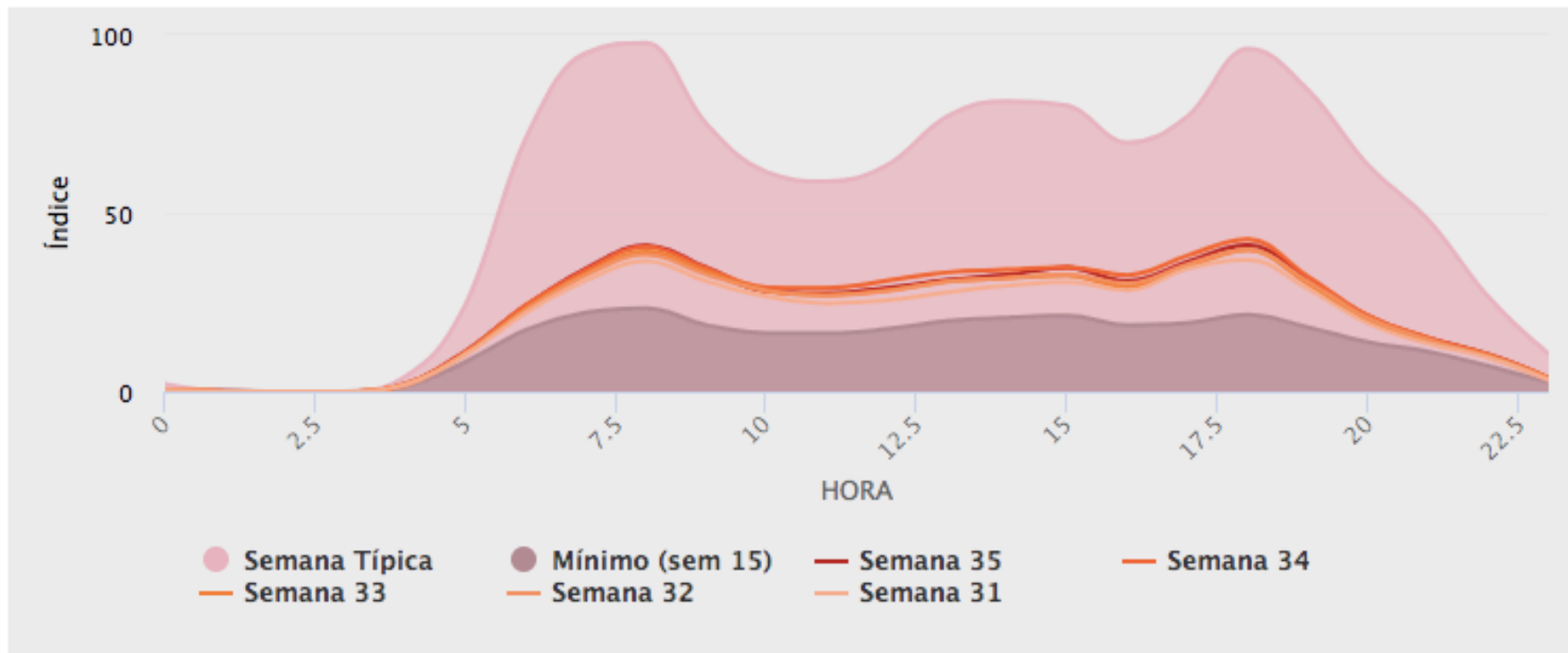
HOURLY DEMAND – URBAN HIGHWAYS



HOURLY DEMAND - METRO



HOURLY DEMAND -BRT



EMERGING INFRASTRUCTURE

A person wearing a black helmet, glasses, and a blue and white patterned face mask is riding a bicycle towards the camera. They are wearing a black t-shirt and black pants. A large brown delivery box is mounted on the front of the bicycle. The person is riding on a city street with yellow lane markings. In the background, there are orange traffic cones, a white pickup truck, and other vehicles. The scene is set in an urban environment with trees and buildings.

Bike lanes
Sidewalk expansion
Pedestrianization of streets

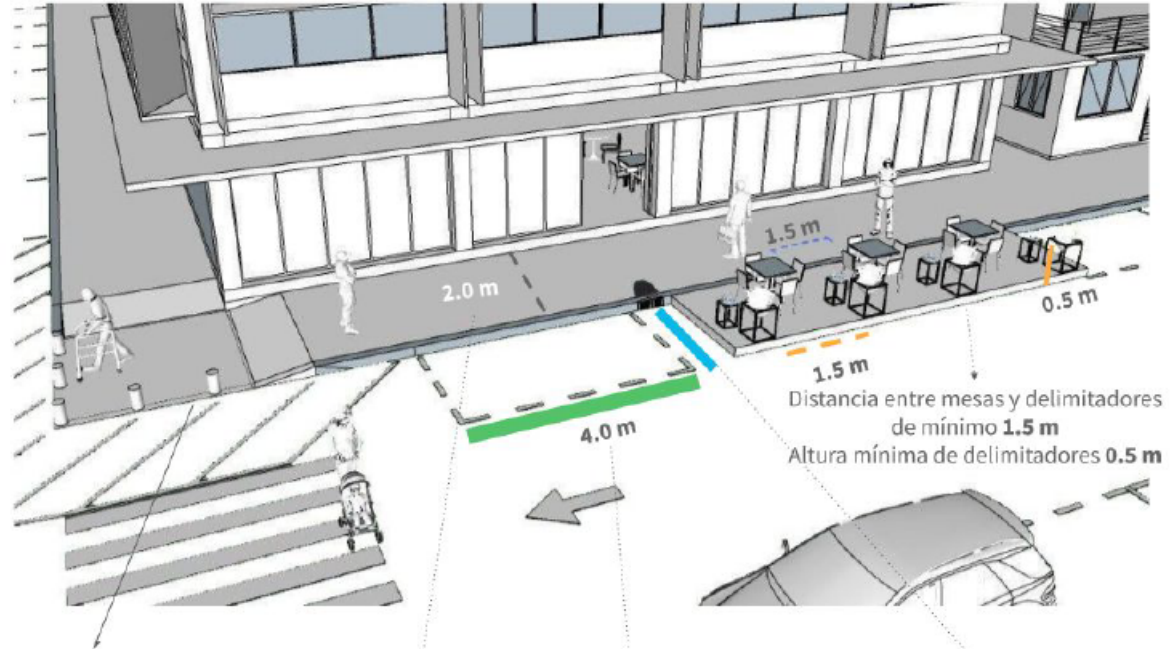
EMERGING CYCLE LANES



EMERGING CYCLE LANES



SIDEWALK EXPANSION



No obstruir pasos
peatonales, áreas de
resguardo peatonal ni
rampas para personas
con discapacidad

Dejar mínimo 2.0 m
de espacio libre en
banqueta para
tránsito peatonal

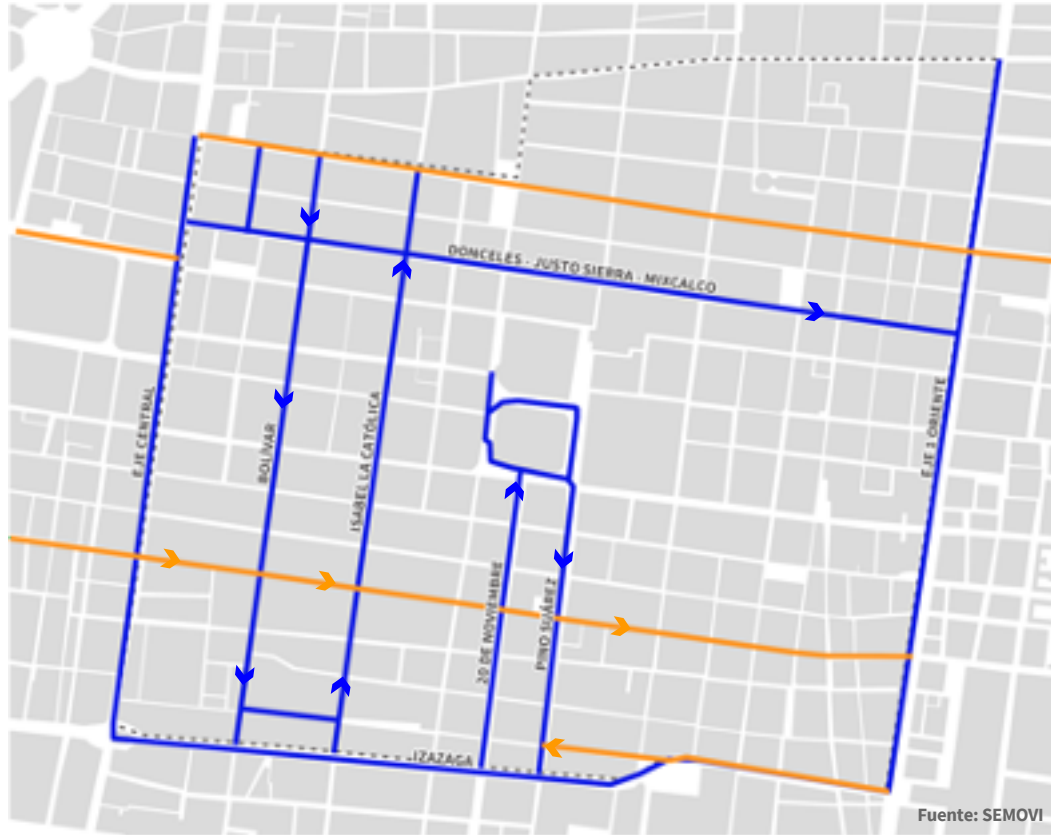
Dejar libre al menos un
cajón de estacionamiento
libre junto al cruce
peatonal y previo a la
esquina

No obstruir
bocas de
tormenta o
coladeras

SIDEWALK EXPANSION



PEDESTRIANIZATION OF STREETS



SIMBOLOGÍA

Operación habitual

Metrobús L4

Peatonales

Fuente: SEMOVI

PEDESTRIANIZATION OF THE HISTORIC DISTRICT



EMERGING INFRASTRUCTURE

- Test
- Implement
- Measure
- Adjust
- Document



FINANCING PUBLIC TRANSPORT

Status: WORK IN PROGRESS

- Premise: Users cannot take the financial burden caused by the pandemic
- Economic support for traditional private transport operators (fuel grants)
- Fleet management optimization
- New financial sources

OPPORTUNITIES

(Never let a good crisis go to waste)

- Massification and consolidation of travel demand management strategies
- Time to walk, time to cycle
- Fast modernization of administrative procedures
- Think and manage streets as flexible, adaptable spaces
- It's the right time to do what the mobility sector always wanted to do (take advantage of the new advocates)

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