

Deep Dive City Mexico City Mexico

General Information about the City⁶



Population
8.91 million
(Metropolis: 20.89 million)



City Area
1.485 km²
Metropolis: 7.860 km²



Average Temperature
16 °C



Annual Rainfall
709 mm/year



Climate Risks
Wild fire (forest fire)
Extreme temperature (hot) (heat waves)
Flood (flash, surface flood)



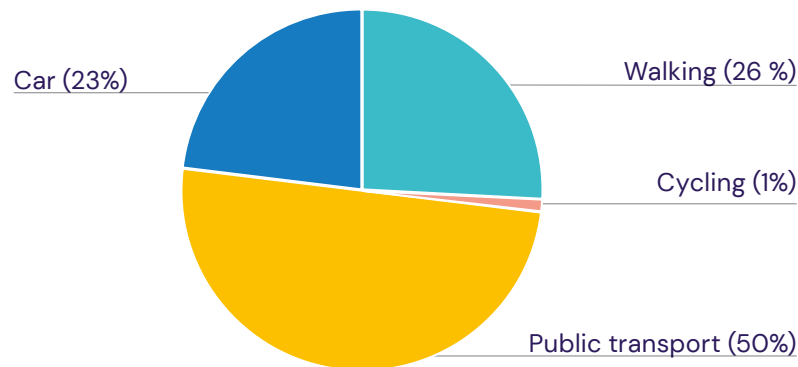
Number of Car Ownership
619,586 car fleet
506.51 cars per 1000 inhabitants (2021)



GDP (US Dollars)
164 billion

Urban Mobility System^{1,2,5,8}

Modal split



Public transport modes

- Metro
- Metrobús (BRT)
- Electric Transport Service (STE)
- Bus, Microbuses, Trolleybuses (Publicly-Operated and Privately-Operated)
- Train (Tren Suburbano)
- Cablebus
- Taxis
- + Bike-sharing system (ECOBICI), Scooter sharing, Car sharing



Carried passengers
(Avg. daily demand)

1.8 million

Gender equity
(Share of women of all public transport passengers)

47%

Total No. of routes / buses

1500+ routes (almost 15,000 km)

Climate and Urban Mobility Policies^{3,4,7}

Vision for net zero urban mobility

- Fossil-Fuel-Free Streets (C40): ensuring a major area of the city is zero emission by 2030 (bus);
- Ban diesel cars and vans from the city center by 2025.



Experiences

Implementation Bus Rapid Transit (2005): more flexible and better connection to other transport modes.

Political Commitments

- Mexico City's Green Plan (2007-2022): improving efficiency of public transportation system and promote non-motorized means of transportation;
 - Subway and bus route expansion
 - Improvement of walking and cycling conditions
- C40 Cities Finance Facility: shift buses to low or zero emission technologies.

References:

1 IBGE Cidades
<https://cidades.ibge.gov.br/brasil/sp/campinas/panorama>

2 DENATRAN
<https://www.gov.br/infraestrutura/pt-br/assuntos/transito/conteudo-denatran/frota-de-veiculos-2021>

3 Centro de Pesquisas Meteorológicas e Climáticas Aplicadas à Agricultura
<https://www.cpa.unicamp.br/graficos>

4 Global Pact of Mayors for Climate and Energy (ICLEI)
<https://www.globalcovenantofmayors.org/cities/latin-america/brazil/campinas/>

5 Plano Diretor de Campinas (2019):
http://www.emdec.com.br/eficiente/repositorio/1SiteNovo/Plano_Mobilidade_Urbana_2019/21485.pdf

6 ofício Municipal de Enfrentamento dos Impactos da Mudança do Clima e da Poluição Atmosférica de Campinas - Lei nº 16.022, de 5 de novembro de 2020
<https://www.campinas.sp.gov.br/uploads/pdf/635890121.pdf>

7 Licitação do transporte público coletivo de Campinas
http://www.emdec.com.br/eficiente/sites/portalemddec/pt-br/site.php?secao=concessao_transporte_publico

8 <https://semovi.cdmx.gob.mx/storage/app/media/estrategia-de-genero-140319.pdf>

9 <https://www.ebusradar.org/>

Electric Buses⁷

Targets for electric bus adoption

1 By 2035, 100% of the Metrobús fleet will be electric.

Ongoing projects and planned projects

- C40 Cities Finance Facility new low emission corridor Eje 8 Sur to transverse the city from centre to outskirts for low-and middle-income neighborhoods with zero-emission alternative in public transport (50+ new e-buses);
- Electrification of L3 Metrobus.

Bus Technology Share⁹



12044
ICE – Buses

0

Hybrid-Buses

493

E-Buses
483 trolleybus +
10 BEV

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