



Deep Dive City Salvador Brazil

General Information about the City^{1,2,3}

Population
 2.9 million
 (estimated population, 2021)

City Area
 693 km²



Average Temperature
 25.6 °C

Annual Rainfall
 1900 mm/year

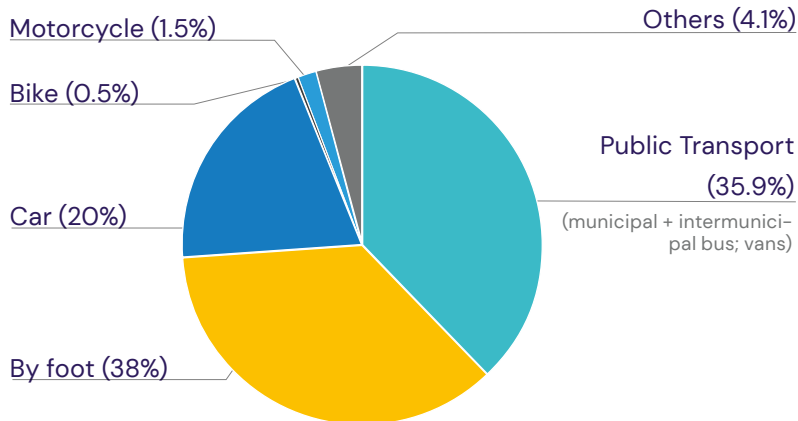
Climate Risks
 Extreme temperature (hot) (heat waves, water scarcity)
 Flood (coastal flood)
 Storm (rain storm)
 severe wind)
 Slides (landslides)

Number of Car Ownership
 618,610 car fleet
 213 cars per 1000 inhabitants

GDP (US Dollars)
 12,2 billion
 (1 USD = 5.21472 BRL)

Urban Mobility System^{3,4,6}

Modal split



Public transport modes

- Bus: Public Transport System by Bus (STCO) Complementary Special Transport Sub-system (STEC), Metropolitano
- Railroad: Train and Subway
- Water transportation: Ferry boat and speedboats
- Lifts: Lacerda elevator

Carried passengers
 (Avg. daily demand)

2019: 1.36 M pax/day

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

55.82%

Total No. of routes / buses
 321 routes



2019
 2423 operational buses
 (2369 conventional buses
 54 Minibuses)

Climate and Urban Mobility Policies⁵



Vision for net zero urban mobility

Decarbonize the public transport fleet

- **2032** - **40%** of the public transport fleet powered by clean energy;
- **2049** - **100%** of the public transport fleet powered by clean energy.

Promote active mobility

- **2024** - Reduce **25%** of private vehicle travels and raise to 5% of the bicycle travels;
- **2032**- Reduce **45%** of private vehicle travels and raise to 10% of the bicycle travels;
- **2049**- Raise to **15%** of the bicycle travels.

Ongoing Projects and Planned Projects

By 2024, the city plans to acquire approximately 30% electric buses in the BRT system of the city.

Political Commitments

- Global Pact of Mayors for Climate and Energy (ICLEI);
- Cities4Forests (WRI);
- Deadline 2020 (C40);
- Urban Mobility Plan 2017 (PlanMob Salvador).

References

1. - IBGE Cidades, <https://cidades.ibge.gov.br/brasil/ba/salvador/panorama>
- https://www.gov.br/infraestrutura/pt-br/assuntos/transito/conteudo-de_naturanfrota-de-veiculos-2021
- INMET, 2021: <https://clima.inmet.gov.br/GraficosClimatologicos/DF/83377>
- INMET, 2021: <https://portal.inmet.gov.br/normais>

2. C40

3. PlanMob Salvador, 2017

4. Relatório Técnico RTO6:Diagnóstico da Mobilidade em Salvador

5 PMAMC Salvado

Electric Buses

Targets for electric bus adaption

- 1 30% electrification of the BRT fleet by 2024.
- 2 Full electrification by 2049.

Bus Technology Share⁶



2423

ICE – Buses

0

Hybrid-Buses

0

E-Buses

Experiences

- **May-August 2019:** BYD bus pilot test was carried out;
- **September 2021:** BYD bus pilot test was executed.

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Deutsche Gesellschaft für internationale Zusammenarbeit (GIZ) GmbH
Bonn und Eschborn

E info@giz.de
I www.giz.de

Friedrich-Ebert-Allee 36 + 40
53113 Bonn
T +49 228 44 60-0
F +49 228 4460-17 66

Dag-Hammarskjöld-Weg 1 - 5
65760 Eschborn
T +49 6196 79-0
F +49 6196 79-11 15

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