

RIO DE JANEIRO, BRAZIL - BRT RIO

“ **Rio de Janeiro** has **6,476,631** inhabitants. **47.3%** of total trips are made by public transport, as showed in the graph below.

MODAL SPLIT - RIO DE JANEIRO

“ The city has started the system in **2011** and now counts with **17** bus priority corridors consisting of **168** kilometers and benefiting **3,535,466** passengers every day. The average operational speed of the system is **21.8** km/h.

SYSTEM LENGTH IN RELATION TO BRAZIL

DAILY DEMAND IN RELATION TO BRAZIL

SOME TECHNICAL DETAILS ABOUT CORRIDORS ARE PRESENTED IN THE TABLE BELOW.

| Corridor Name  | Daily demand, corridor (passengers per day) | Corridor length (km) | Stations, corridor | Pre-board fare collection, corridor | Overtaking lanes, corridor | Station boarding level, corridor | Operating speed, corridor                     |
|--|---|----------------------|--------------------|-------------------------------------|----------------------------|----------------------------------|---|
| TransOeste   | 192,610                                     | 58                   | 60                 | All                                 | Partial                    | High level platform              | Express service: 50.1 and Local service: 29.2 |
| TransCarioca   | 146,377                                     | 39                   | 44                 | All                                 | All                        | High level platform              | Express service: 29.8 and Local service: 25.4 |
| TransOlimpica  | 38,879                                      | 26                   | 17                 | All                                 | All                        | High level platform              |   |
| BRS Copacabana - Av. Nossa Senhora de Copacabana                   | 240,000                                     | 4                    | 7                  | None                                | All                        | On-street, no level boarding     | 24  |
| BRS Copacabana - Rua Barata Ribeiro                                | 240,000                                     | 3.5                  | 8                  | None                                | All                        | On-street, no level boarding     | 18.5  |
| BRS Ipanema/Leblon - Rua Visconde de Pirají (Rua Ataulfo de Paiva) | 235,000                                     | 4                    | 6                  | None                                | None                       | On-street, no level boarding     | 18.5  |
| BRS Ipanema/Leblon - Rua Prudente de Moraes (General San Martin)   | 235,000                                     | 3.9                  | 7                  | None                                | None                       | On-street, no level boarding     | 18.5  |
| BRS Antônio Carlos   | 261,000                                     | 1.3                  | 3                  | None                                | All                        | On-street, no level boarding     | 18.5  |
| BRS Rio Branco   | 307,600                                     | 1.3                  | 3                  | None                                | All                        | On-street, no level boarding     | 18.5  |
| BRS Presidente Vargas  | 550,000                                     | 3                    | 5                  | None                                | All                        | On-street, no level boarding     | 18.5  |
| BRS Estácio  | 45,000                                      | 3.2                  | 7                  | None                                | None                       | On-street, no level boarding     |   |
| BRS Tijuca   | 30,000                                      | 3                    | 8                  | None                                | All                        | On-street, no level boarding     |   |
| BRS 24 de maio   | 160,000                                     | 2.7                  | 8                  | None                                | None                       | On-street, no level boarding     |   |
| BRS Carioca  | 450,000                                     | 4.1                  | 11                 | None                                | None                       | On-street, no level boarding     |   |
| BRS Marechal Rondon  | 290,000                                     | 4.2                  | 15                 | None                                | None                       | On-street, no level boarding     |   |
| BRS Botafogo - Voluntários   | 60,000                                      | 3.3                  | 14                 | None                                | None                       | On-street, no level boarding     | 15.9  |
| BRS Botafogo - São Clemente  | 54,000                                      | 3.5                  | 17                 | None                                | Partial                    | On-street, no level boarding     | 14.8  |