

# METRO FACTS



**2011 RIDERSHIP: RAIL** 217,052,000 trips

**BUS** 124,173,000 trips

Metro is the transit provider for the National Capital Region, providing safe, clean and reliable service to both residents and visitors. Our customers include more than a third of the federal government workforce and millions of tourists who visit the Nation's Capital every year. Metro operates the second largest heavy rail transit system, sixth largest bus network and fifth largest paratransit service in the United States.

## Background

The Authority was created in 1967 by an Interstate Compact to plan, develop, build, finance and operate a balanced regional transportation system in the National Capital area. Construction of the Metrorail system began in 1969. Four area bus systems were acquired in 1973. The first phase of Metrorail began operation in 1976. The final leg of the original 103-

mile rail network was completed in early 2001. Today, there are 86 Metro stations in service within a 106.3 mile network.

## Service area

Metrorail and Metrobus serve a population of 3.5 million within a 1,500 square-mile area.

The transit zone (see map lower left) consists of the District of Columbia, the suburban Maryland counties of Montgomery and Prince George's and the Northern Virginia counties of Arlington, Fairfax and Loudoun and the cities of Alexandria, Fairfax and Falls Church.

Overall, 42 percent of those working in the center core—Washington and parts of Arlington County—use mass transit.

In FY 2011, Metrorail's highest ridership days were:

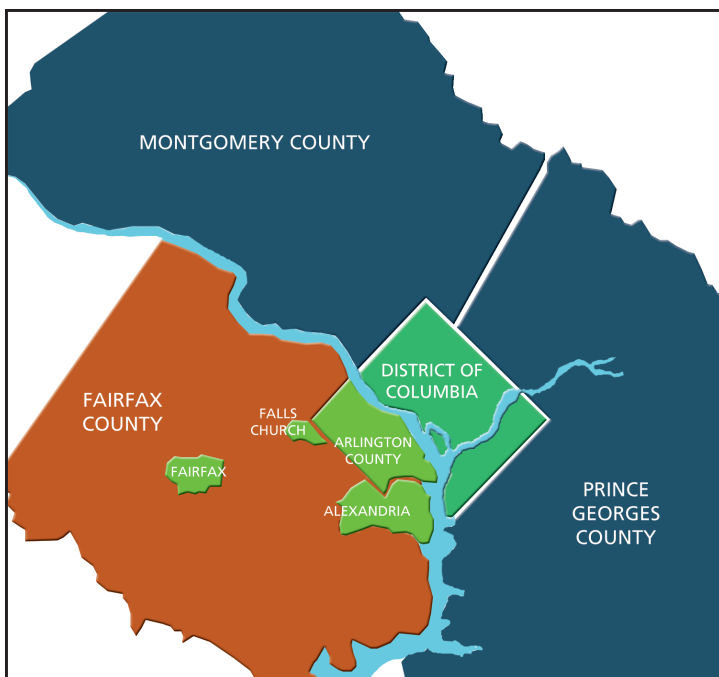
- JUNE 15, 2011: 851,742 (baseball/Dalai Lama)
- OCTOBER 30, 2010: 834,183 (Restore Sanity Rally)
- JUNE 14, 2011: 832,776 (Dalai Lama)

## Revenue

Metro and the federal government are partners in transportation. Thirty-five Metrorail stations serve federal facilities and nearly half of Metro's peak period commuters are federal employees.

Since WMATA's inception, the federal government has contributed 65 percent of the capital costs. Fares and other revenue fund 57.6 percent of the daily operations while state and local governments fund the remaining 42.4 percent.

Customers receive a discount on their fare when using SmarTrip® cards instead of cash (on Metrobus) and paper farecards (on Metrorail).



# Metrorail

## System

- Size: 106.3 miles, 86 stations
- Subway: 50.5 miles, 47 stations
- Surface: 46.31 miles, 33 stations
- Aerial: 9.22 miles, 6 stations
- All stations and trains are accessible to people with disabilities

## Operating fleet

Manufacturer	Series	Number of cars
Rohr	1000	288
Breda	2000/3000	362
Breda	4000	100
CAF	5000	184
Alstom	6000	184

- Car dimensions: 75 feet long by 10 feet wide

## Train operating speed

- 59 mph maximum
- 33 mph average including stops

## Number of lines

- 5 — Blue, Green, Orange, Red and Yellow

## Escalators and elevators

- 589 escalators in the operating system
- 271 elevators in stations and parking facilities
- Longest escalator in the Western hemisphere, Wheaton station—230 feet

## Deepest station

- Forest Glen — 21 stories — 196 feet
- High-speed elevators take less than 20 seconds to travel from street to platform

## Service hours

- Opens: 5 a.m. weekdays  
7 a.m. weekends
- Closes: midnight Sunday–Thursday  
3 a.m. Friday–Saturday nights

## Cell phone access

- Verizon Wireless cell phones work in all tunnels and stations. AT&T, Sprint and T-Mobile cell phones work in selected areas.
- All cellular services work on the surface.

## Communication/security

- Digital signs in the stations show next train arrival times, system status and time of day
- Digital signs outside some stations show system status and time of day
- Two-way radios between train operator and operations control center
- Hotlines from operations control center to police and fire departments
- Automated electronic fire protection system in stations and tunnels
- Call boxes spaced 800 feet along tracks
- Fire extinguishers on platforms and inside rail cars
- Video monitoring of stations, elevators and some station parking lots
- Public address systems on trains and platforms
- Passenger-to-station manager intercoms on platforms, in elevators and landings
- Passenger-to-operator intercoms inside rail cars—one at each end
- Chemical detection systems in underground stations

## Cars per average train per line and time between trains

Line	Weekday rush train size	Rush periods intervals between train	Midday and evening train size	Midday intervals between trains	Evening intervals between trains
Red	6-8 cars	5 min.	6 cars	12 min.	15 min.
Green	6-8 cars	6 min.	6 cars	12 min.	20 min.
Yellow	6 cars	6 min.	6 cars	12 min.	20 min.
Blue	6 cars	6 min.	6 cars	12 min.	20 min.
Orange	6-8 cars	6 min.	6 cars	12 min.	20 min.

When two lines serve the same track, the time between trains during rush hours is three minutes on the Green, Yellow, Blue and Orange lines. On the Red Line between Grosvenor-Strathmore and Silver Spring stations, the time is two and a half minutes.

# Sequence of Metrorail openings

Line	Segment	Stations	Miles*	Date
■	Farragut North to Rhode Island Ave	5	4.6	3/29/1976
■	Gallery Pl-Chinatown	1	none	12/15/1976
■	To Dupont Circle	1	1.1	1/17/1977
■ ■	National Airport to Stadium-Armory	17	11.8	7/1/1977
■	To Silver Spring	4	5.7	2/6/1978
■	To New Carrollton	5	7.4	11/20/1978
■	To Ballston-MU	4	3	12/1/1979
■	To Addison Road	3	3.6	11/22/1980
■	To Van Ness-UDC	3	2.1	12/5/1981
■	Gallery Pl-Chinatown to Pentagon	1	3.3	4/30/1983
■	To Huntington	4	4.2	12/17/1983
■	To Grosvenor	5	6.8	8/25/1984
■	To Shady Grove	4	7	12/15/1984
■	To Vienna/Fairfax-GMU	4	9.1	6/7/1986
■	To Wheaton	2	3.2	9/22/1990
■	To U St/African-Amer Civil War Memorial/Cardozo	3	1.7	5/11/1991
■	To Van Dorn Street	1	3.9	6/15/1991
■	To Anacostia	3	2.9	12/28/1991
■	To Greenbelt	4	7	12/11/1993
■	To Franconia-Springfield	1	3.3	6/29/1997
■	To Glenmont	1	1.4	7/25/1998
■	Columbia Heights to Fort Totten	2	2.9	9/18/1999
■	To Branch Ave	5	6.5	1/13/2001
■	To Largo Town Center	2	3.2	12/18/2004
■	New York Avenue	1	none	11/20/2004
	<b>Total System</b>	<b>86</b>	<b>106.3</b>	

\*The sum of miles does not equal the total because of rounding.



## Metrorail facilities by political jurisdiction

Jurisdiction	Miles*	Stations
<b>Total District of Columbia</b>	<b>38.30</b>	<b>40</b>
Montgomery	18.43	11
Prince George's	19.86	15
<b>Total Maryland</b>	<b>38.29</b>	<b>26</b>
Alexandria	6.11	3
Arlington	12.19	11
Fairfax County	11.17	6
<b>Total Virginia</b>	<b>29.47</b>	<b>20</b>

\*The sum of miles does not equal the total because of rounding.





## Metrobus

### Bus fleet

- All buses accessible to people with disabilities
- Bike racks on all buses
- 11,490 bus stops; 2,398 shelters (597 owned by WMATA)
- 323 routes on 169 lines
- Hours vary by route

### Communications/security

- Two-way radio links to operations control center
- Emergency radio silent alarm
- Automatic vehicle locators
- Cameras on 1,140 buses

## Types of buses in fleet

### ■ Authorized

100 hybrid electric buses each year in FY08-FY12

### ■ In service

Total	Manufacturer	Size	Seating	Capacity
188	New Flyer CNG	40 feet	40	75
21	Neoplan Articulated	60 feet	66	100
381	Orion	40 feet	38-46	57-77
51	Orion	30 feet	30	46
215	Orion CNG	40 feet	41	77
35	Orion CNG	30 feet	29	56
458	New Flyer Hybrid Electric	40/42 feet	39	75
20	New Flyer Hybrid Electric	37 feet	29	53
6	Chevrolet	26 feet	20	26
117	New Flyer Clean Diesel	40 feet	39	75
22	NABI Articulated CNG	60 feet	61	100
22	New Flyer Hybrid Articulated	62 feet	62	113

CNG - Fueled by compressed natural gas



## MetroAccess

MetroAccess is a shared ride, door-to-door transportation service for people who are unable to use fixed-route public transit due to disability. MetroAccess transports approximately 2.3 million passengers annually.

### Hours

Monday - Thursday  
5 a.m. to midnight

Friday - 5 a.m. to 3 a.m. Saturday  
Saturday - 7 a.m. to 3 a.m. Sunday  
Sunday - 7 a.m. to midnight

Core hours of MetroAccess operation reflect the hours of Metrorail operation.

### Information

301-562-5360 or 800-523-7009  
TTY: 301-588-7835

