

# **System Data**

Where do Bluebikes riders ride? When do they ride? How far do they go? Which stations are most popular? On what days of the week are most rides taken? We've heard all of these questions and more, which is why we are pleased to provide the data sets to help you discover the answers to these questions and more. We invite developers, engineers, statisticians, artists, academics and other creative members of the public to use the data we provide for analysis, development, visualization, and whatever else moves you.

This data is provided according to the Bluebikes Data License Agreement.

## **Blue Bikes Comprehensive Trip Histories**

We publish downloadable files of Bluebikes trip data each quarter. The data include:

- . Trip Duration (seconds)
- · Start Time and Date
- · Stop Time and Date
- · Start Station Name & ID
- End Station Name & ID
- Bike ID
- User Type (Casual = Single Trip or Day Pass user; Member = Annual or Monthly Member)
- · Birth Year
- Gender, self-reported by member (Zero=unknown; 1=male; 2=female)

The data has been processed to remove trips that are taken by staff as they service and inspect the system; and any trips that were below 60 seconds in length (potentially false starts or users trying to re-dock a bike to ensure it was secure).

Download Bluebikes trip history data

#### **Bluebikes Stations**

We publish downloadable files of Bluebikes station data. The data include:

- Number
- Name
- Latitude/Longitude
- Municipality
- Total docks
- Deployment Year

**Download Station Data** 

### **Real-time Data**

In accordance with the data standard recommended by the North American Bike Share Association (NABSA), Bluebikes publishes real-time system data in open General Bikeshare Feed Specification (GBFS) format. Get Bluebikes' GBFS feed here. Use this data for all new projects.

We also continue to support the legacy station feed in both JSON and XML formats.

#### **Bluebikes in 2020 Data Visualization**

The year 2020 was unlike any before, and like most things, bike share in Boston changed radically. Explore the trends, growth, and scope of the Bluebikes system in 2020 with this interactive story map created by The City of Boston

**Explore Visually** 

## Membership and Ridership

More than 15 million trips have been taken by Bluebikes riders since the 2011 launch (as of 1/2022)

YEAR	ANNUAL MEMBERS	CASUAL PASSES (24-HR & Single Trip)	TOTAL TRIPS	MILES TRAVELED
2011	3,203	30,655	140,974	133,761
2012	7,042	68,752	531,388	1,058,707
2013	9,714	88,644	908,165	1,631,451
2014	12,673	88,779	1,184,558	2,091,386
2015	13,248	102,445	1,122,544	2,059,079
2016	14,096	99,322	1,236,236	2,251,508
2017	14,577	95,299	1,313,837	2,427,998
2018	18,178	248,900	1,767,806	3,688,271
2019	21,261	462,646	2,520,418	5,180,999
2020	22,906	493,035	2,065,292	5,165,444
2021	23,345	697,656	2,954,624	6,627,760

## **System Growth**

YEAR	STATIONS (BEGINNING / END OF SEASON)	BICYCLES (BEGINNING / END OF SEASON)	SEASON OPEN	SEASON CLOSE	TOTAL DAYS
2011	61	610	July 28	Nov 30	126
2012	61 / 105	610 / 1050	Apr 3	Nov 28	240
2013	105 / 130	1050 / 1200	Apr 2	Nov 27	240
2014	130 / 140	1200 / 1300	Apr 2	Nov 26	239
2015	140 / 155	1300 / 1500	Apr 17	Nov 25	223

YEAR	STATIONS (BEGINNING / END OF SEASON)	BICYCLES (BEGINNING / END OF SEASON)	SEASON OPEN	SEASON CLOSE	TOTAL DAYS
2016	155 / 180	1500 / 1800	Feb 29	Dec 31	307
2017	180 / 190	1800	Feb 27	Dec 31	308
2018	190 / 262	1800 /2500+	Year-round	Year-round	365
2019	262 / 325	2500+ / 3500+	Year-round	Year-round	365
2020	325/ 365	3500+ / 3750+	Year-round	Year-round	365
2021	365/ 400	3750+ / 4000+	Year-round	Year-round	365

# **Rider Trip Records**

RECORD	TRIPS (UPDATED 8/28/22)	DATE
Daily	26,952	September 17, 2022
Weekly	164,734	Week of September 12, 2022
Monthly	491,669	August 2022

# **Most Popular Stations**

STATION	TOTAL TRIPS IN 2021
MIT at Mass Ave / Amherst St	70,300
Central Square at Mass Ave / Essex St	53,015
Charles Circle - Charles St at Cambridge St	42,172
Harvard Square at Mass Ave/ Dunster	40,647
Ames St at Main St	37,241
Christian Science Plaza - Massachusetts Ave at Westland Ave	34,356
MIT Pacific St at Purrington St	31,530
Beacon St at Massachusetts Ave	31,233
MIT Vassar St	28,684

STATION	TOTAL TRIPS IN 2021
Commonwealth Ave at Agganis Way	28,469
Cross St at Hanover St	28,215

# **Additional Resources**

Bluebikes' online media kit, including historical facts about the system, high-quality, print-ready photos, and logos.



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