**Open Data**

**MOBILITY**

**·BIKE**

**[1] New York**

Time: 2013.06 - now

Link: https://ride.citibikenyc.com/system-data

**[2] Washington D.C.**

Time: 2010.10 - now

Link: https://ride.capitalbikeshare.com/system-data

**[3] Chicago**

Time: 2013.07 - now

Link: https://ride.divvybikes.com/system-data

**[4] Columbus**

Time: 2013.08 - now

Link: https://cogobikeshare.com/system-data

**[5] Boston**

Time: 2011.08 - now

Link: https://www.bluebikes.com/system-data

**[6] Minneapolis**

Time: 2010.06 - now

Link: https://niceridemn.com/system-data

**[7] Bay Area**

Time: 2017.01 – now

Link: https://www.lyft.com/bikes/bay-wheels/system-data

**[8] Toronto**

Time: 2014.10 – now

Link: https://open.toronto.ca/dataset/bike-share-toronto-ridership-data/

**[9] Beijing**

Time: 2017.05.10 – 2017.05.24

Link: https://www.biendata.xyz/competition/mobike/

**[10] Shanghai**

Time: 2016.08.01 – 2016.08.31

Link: https://www.heywhale.com/mw/dataset/5d315ebbcf76a60036e565bf

**[11] London**

Time: 2012.01 – now

Link: https://cycling.data.tfl.gov.uk/

**[12] Shenzhen**

Time: unknown (API)

Link: https://opendata.sz.gov.cn/data/dataSet/toDataDetails/29200\_00403627

**·METRO / SUBWAY**

**[1] New York**

Time: 2010.03 - now

Link: http://web.mta.info/developers/turnstile.html

**[2] Bay Area**

Time: 2001.01 - now

Link: https://www.bart.gov/about/reports/ridership

**[3] Hangzhou**

Time: 2019.01.01 – 2019.01.25

Link: https://github.com/ivechan/PVCGN

**[4] Shanghai**

Time: 2016.07.01 – 2016.09.30

Link: https://github.com/ivechan/PVCGN

**[5] Shenzhen**

Time: unkown (API)

Link: https://opendata.sz.gov.cn/data/dataSet/toDataDetails/29200\_00403601

**·TAXI**

**[1] New York**

Time: 2009.01 - now

Link: https://www.nyc.gov/site/tlc/about/tlc-trip-record-data.page

**[2] Bay Area**

Time: 2008.05.17 – 2008.06.10

Link: http://crawdad.org/epfl/mobility/20090224/

**[3] Rome**

Time: 2014.02.01 – 2014.03.02

Link: http://crawdad.org/roma/taxi/20140717/

**[4] Beijing**

Time: 2008.02.02 – 2008.02.08

Link:https://www.microsoft.com/en-us/research/publication/t-drive-trajectory-data-sample/

**[5] Shanghai**

Time: 2007.2.20

Link: https://cse.hkust.edu.hk/scrg/

**[6] Chengdu**

Time: 2014.08.03 – 2014.08.30

Link:https://pan.baidu.com/s/1o84gtPS (Extraction code: meq5)

**[7] Shenzhen**

Time: 2013.10.22

Link: https://people.cs.rutgers.edu/~dz220/data.html

**·BUS**

**[1] Shanghai**

Time: 2007.2.23

Link: https://cse.hkust.edu.hk/scrg/

**[2] Shenzhen**

Time: 2013.10.22

Link: https://people.cs.rutgers.edu/~dz220/data.html

**·SENSOR**

**[1] California**

Time: 2001 – 2019

Link: https://pems.dot.ca.gov/

**·HUMAN MOBILITY FLOW**

**[1] USA**

Time: 2019.01 – 2021.04 (Daily/Weekly; state/county/census)

Link: https://github.com/GeoDS/COVID19USFlows