



## Your Data is Here

### Rate Your Ride and Other Open MTA Data

Data Day at Baltimore  
Neighborhood Indicators Alliance  
July 12, 2013



Michael J. Walk  
Acting Director - Operations Planning and Scheduling

#### Other data that are available but not yet published

- passenger activity counts at bus stops (Core Bus only)
  - how many people use any given stop?
- ridership per bus route
- ridership per train station (metro, light rail, MARC)

#### Other Data Sources & Presentation

- StateStat
  - <http://statesat.maryland.gov/>
- Governor's Goals
  - <https://data.maryland.gov/goals>
- MTA
  - Parking lot information
  - eNotifications (i.e. RSS feed) for
    - General announcements
    - Planned core bus diversions / stop closures
    - MARC, Light Rail, and Metro delays or incidents
- MDOT/MTA Annual Attainment Report (Performance)
  - <http://www.mdot.maryland.gov/>
  - Office of Planning and Capital Programming Dashboard Update 2013/Introduction

#### ⚠ Disclaimer

MTA does NOT have next bus or real-time vehicle location data available to the public....

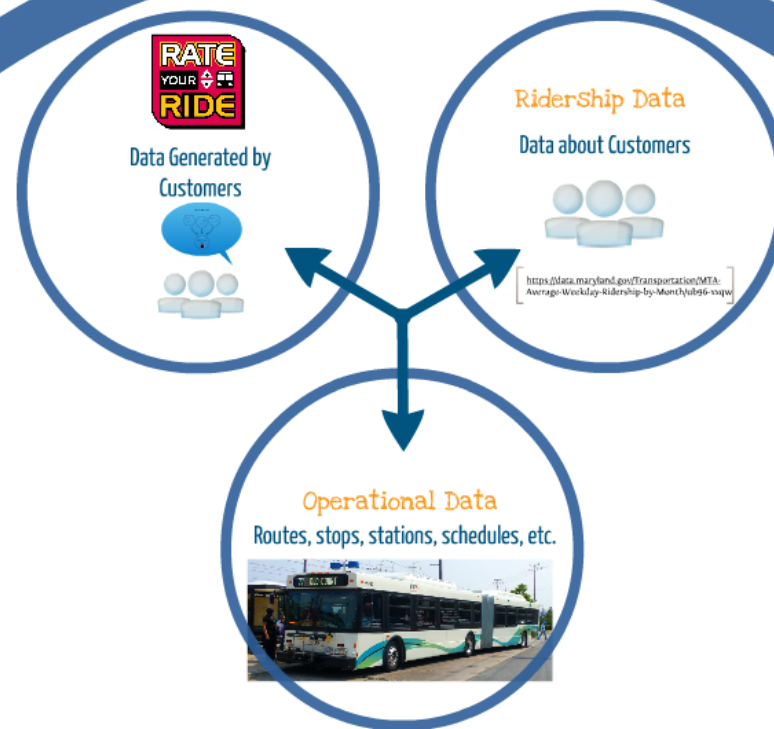
YET.



Closing Comments, Ideas, Questions



Michael J. Walk  
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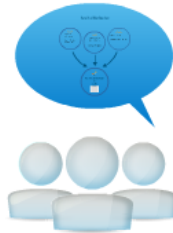
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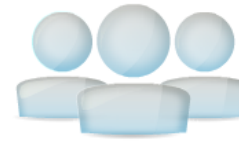


Data Generated by  
Customers



Ridership Data

Data about Customers



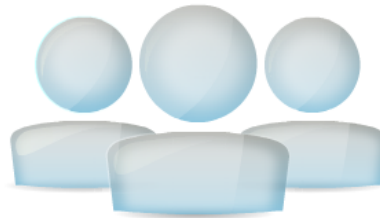
<https://data.maryland.gov/Transportation/MTA-Average-Weekday-Ridership-by-Month/ub96-xxqw>

Operational Data  
Routes, stops, stations, schedules, etc.



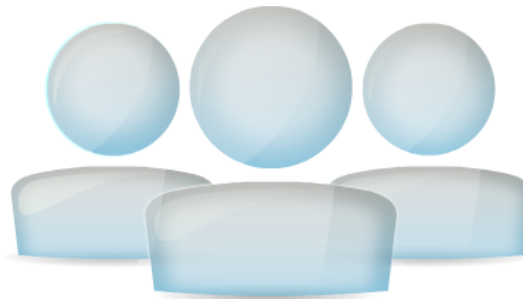


## Data Generated by Customers



# RiderShip Data

## Data about Customers



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# Operational Data

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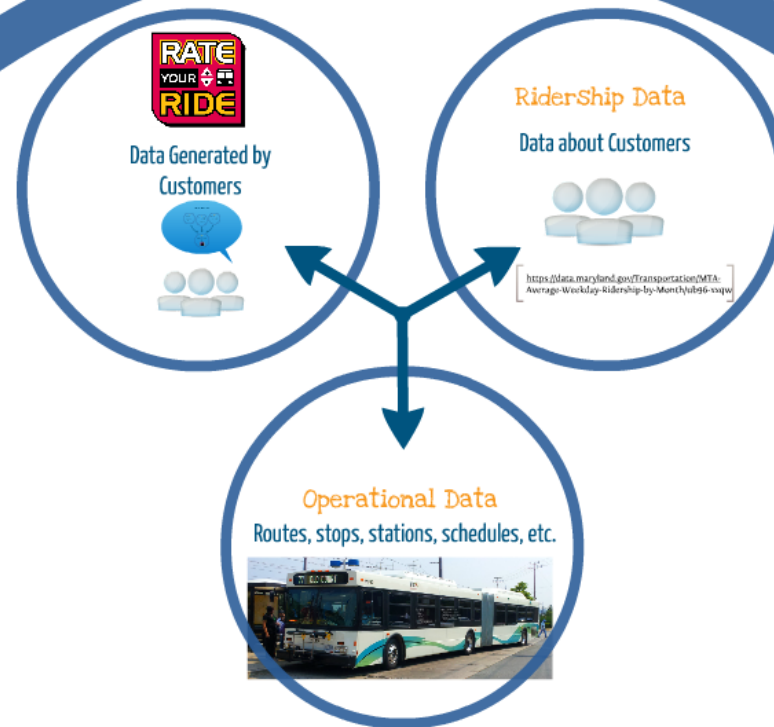




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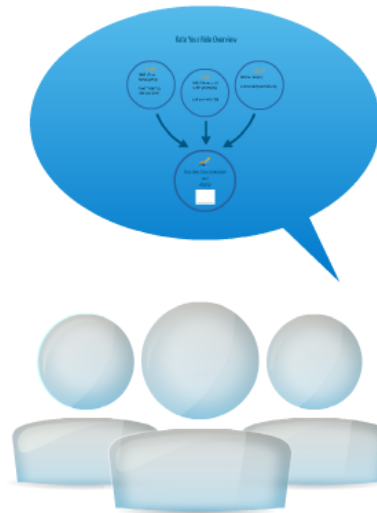
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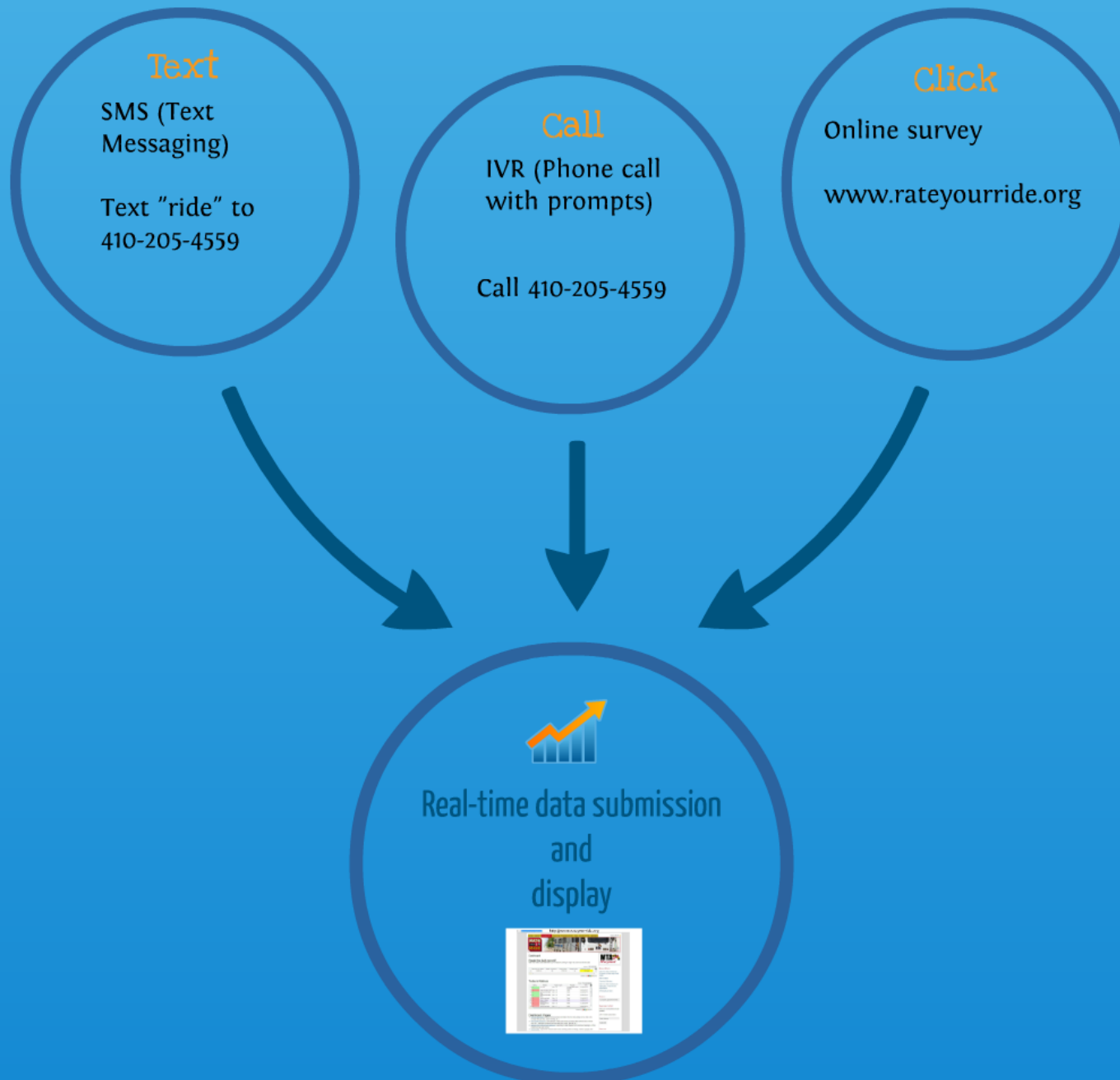




## Data Generated by Customers



# Rate Your Ride Overview



# Text

SMS (Text  
Messaging)

Text "ride" to  
410-205-4559

# Call

IVR (Phone call  
with prompts)

Call 410-205-4559

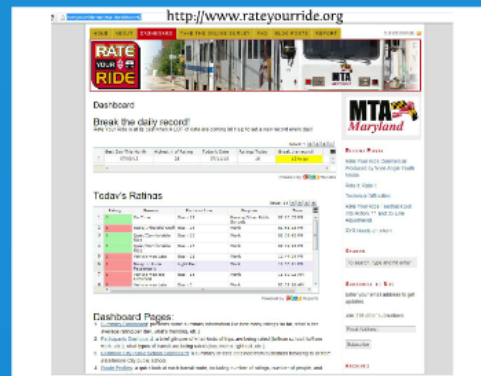
# Click

Online survey

[www.rateyourride.org](http://www.rateyourride.org)



# Real-time data submission and display



HOME

ABOUT

DASHBOARD

TAKE THE ONLINE SURVEY

FAQ

BLOG POSTS

REPORT

SUBSCRIBE



## Dashboard

### Break the daily record!

Rate Your Ride is at its best when A LOT of data are coming in! Help to set a new record every day!

Rows: 1

	Best Day This Month	Highest # of Rating	Today's Date	Ratings Today	Break the record!
1	07/03/13	28	07/11/13	16	12 to go

Powered by Reports

## Today's Ratings

Rows: 16

	Rating	Reason	Route or Line	Purpose	Time
1	6	On Time	Bus - 22	Private/Other Public Schools	07:28:33 PM
2	1	Rude/Unhelpful Staff	Bus - 23	Work	02:51:23 PM
3	6	Quiet/Comfortable Ride	Bus - 23	Work	01:09:42 PM
4	6	Quiet/Comfortable Ride	Bus - 23	Work	01:09:13 PM
5	2	Vehicle was Late	Bus - 21	Work	12:44:04 PM
6	1	Noisy or Rude Passengers	Light Rail	Work	12:06:21 PM
7	1	Vehicle was too Crowded	Bus - 13	Work	11:32:02 AM
8	2	Vehicle was Late	Bus - 3	Work	08:32:16 AM

Powered by Reports

## Dashboard Pages:

1. [Summary Dashboard](#): presents some summary information like how many ratings so far, what is the average rating per day, what's trending, etc.)
2. [Participants Dashboard](#): a brief glimpse of what kinds of trips are being rated (to/from school, to/from work, etc.), what types of transit are being rated (bus, metro, light rail, etc.).
3. [Baltimore City Public School Dashboard](#): a summary of data obtained from customers traveling to or from a Baltimore City public school.
4. [Route Profiles](#): a quick look at each transit route, including number of ratings, number of people, and



### RECENT POSTS

[Rate Your Ride Commercial Produced by Wide Angle Youth Media](#)

[Ride it: Rate it](#)

[Technical Difficulties](#)

[Rate Your Ride Feedback put into Action: 11 and 35 Line Adjustments](#)

[RYR Needs an Intern](#)

### SEARCH

To search, type and hit enter

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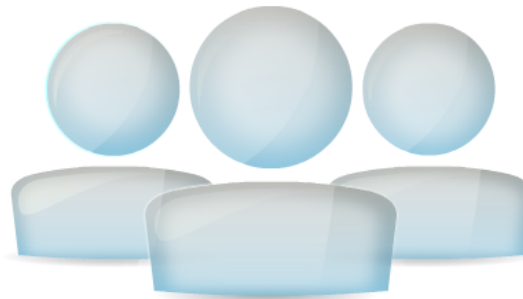
Email Address

Subscribe

### ARCHIVES

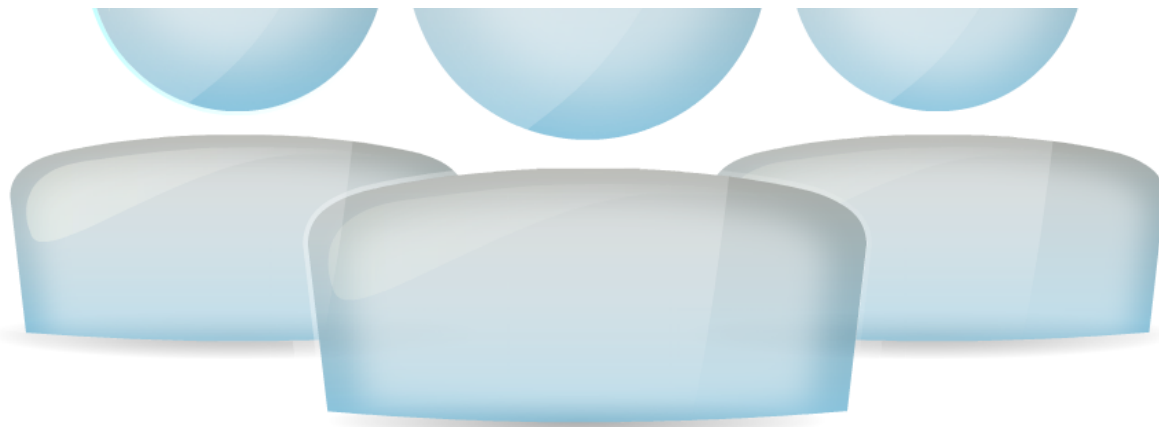
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# Operational Data

Routes, stops, stations, schedules, etc.



# Google Transit Feed

- Complete MTA schedules
  - All stops
  - All lines
  - All patterns
  - All modes
    - Local (Core) Bus
    - Metro
    - Light Rail
    - MARC
    - Commuter Bus
    - Inter-city Bus
- Supports Google Maps/Trip Planner (<http://maps.google.com>)
- Enables other apps (<http://transittimesapp.com/>)
- Available for download: <http://www.gtfs-data-exchange.com/agency/maryland-transit-administration/>

# Shape Files of MTA Service on MD iMAP

- Layer of all stops
  - Icons indicate stop type
  - Ridership activity available for bus stops as field
- Layer of all lines
- Color-coded by transit mode
- <http://www.mdimap.us/ArcGIS/rest/services/Transportation/MD.State.TransitRoutesAndStops/MapServer>
- Potential Uses
  - embed in community maps
  - look at what transit lines and stops are nearby
  - quickly determine bus rider activity at relevant bus stops

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