

# Mobility ETA

“We are all at risk of having a disability at some point in our lifetime,” said CDC Director Tom Frieden, M.D., M.P.H. “Health professionals and health care systems need to meet the needs of this growing population.”

# MARTA & General Population Served

- 1 of 5 adults has a disability, the most common being a mobility limitation.
- Disability ranges in form from difficulty walking/climbing to memory or vision impairment
- MARTA's service in Fulton, Dekalb, and Clayton
- An average of 20% of the individuals in the three counties that Marta Mobility services now are disabled, and there will be an estimated 22% growth in population in those areas by 2040.

County	Population	Estimated Population in Need of Service	Rate of Growth by 2040	Potential Amount of Underserved Individuals
Clayton	267,542	53,508	20%	64,210
DeKalb	716,331 **	143,266	17%	167,621
Fulton	983,903 **	196,781	28%	251,879

# Data from Research

Field test results for the base case (without notification system)

Passenger	Scheduled Pick-up Time	Actual Vehicle Arrival Time	Time Difference (Scheduled-Actual)	Passenger Arrival Time at the Pick-up Location	Passenger Waiting Time (Min)
1	11:50 AM	11:53 AM	+3 min	11:30 AM	23
2	12:05 PM	12:08 AM	+ 3min	11:45 AM	23
3	12:35 PM	12:34 PM	-1 min	12:15 PM	19
4	12:55 PM	12:51 PM	-4 min	12:35 PM	16
Mean					20.3

Advanced passenger notification field test results

Passenger	Call Placed Time	Estimated Pick-up Time	Actual Pick-up Time	Time Difference (Estimated-Actual)	Passenger Arrival Time at the Pick-up Location	Passenger Waiting Time (Min)
1	11:44 AM	11:55 PM	11:53 AM	-2 min	11:49 AM	4
2	12:00 PM	12:10 PM	12:08 AM	-2 min	12:05 PM	3
3	12:23 PM	12:33 PM	12:34 PM	+1 min	12:28 PM	6
4	12:42 PM	12:52 PM	12:51 PM	-1 min	12:47 PM	4
Mean						4.3

# MARTA Mobility Data

Quantity of Data Sets	Timeframe	Average Time (mins)
1443	1 to 164 minutes late	20.8
1553	0 to 164 minutes late	19.4
110	0 minutes (on time)	0
346	-74 to -1 minutes (early)	-8.2