

SYSTEM RELIABILITY &
FREIGHT MOVEMENT
PERFORMANCE MEASURES:

2018



FHWA'S 3 SYSTEM RELIABILITY & FREIGHT MOVEMENT PERFORMANCE MEASURES



Data Source: RITIS

- 1 Interstate Travel Time Reliability Measure (TTRM):
% of person-miles traveled on the Interstate that are reliable
- 2 Non-Interstate Travel Time Reliability Measure (NTTRM):
% of person-miles traveled on the Non-Interstate NHS that are reliable



Data Source:
RITIS

- 1 Interstate Freight Reliability Measure:
Truck Travel Time Reliability (TTTR) Index



BACKGROUND ON SYSTEM RELIABILITY & FREIGHT MANAGEMENT

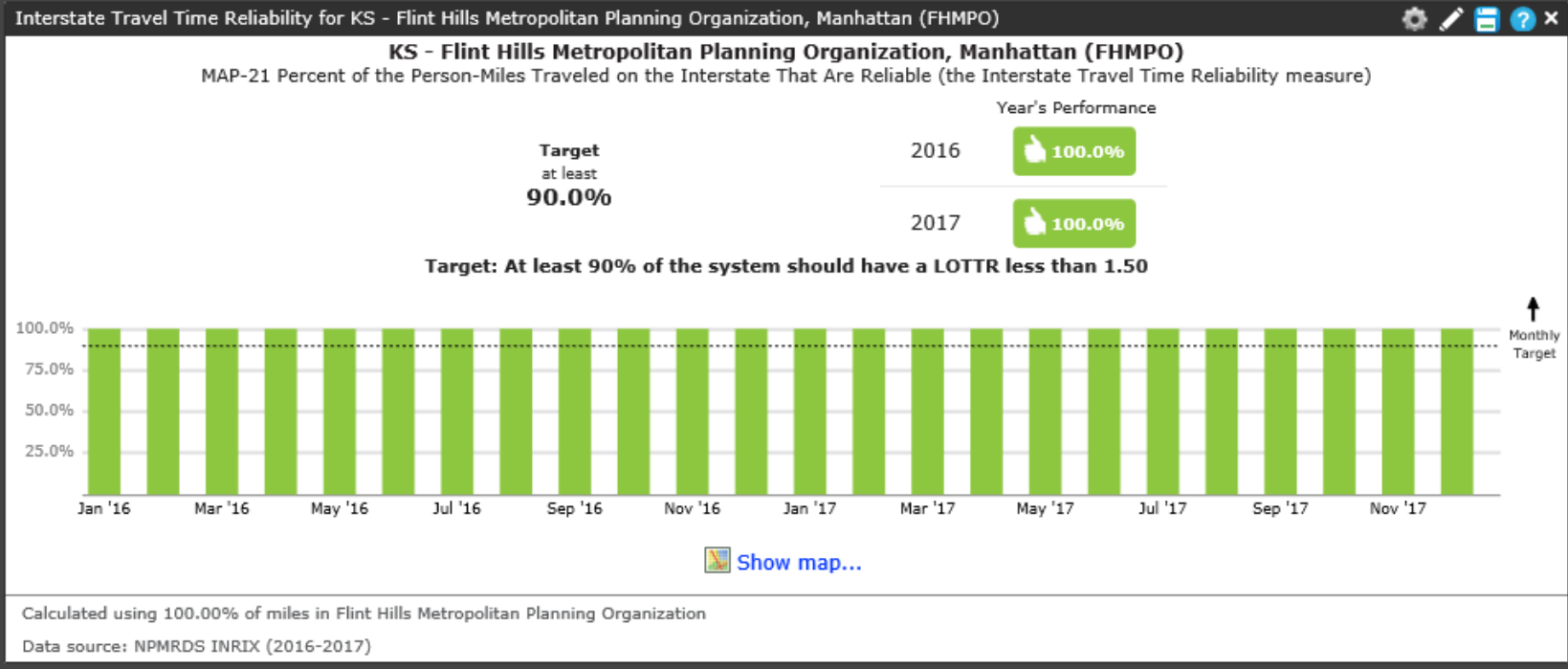
- System Reliability & Freight Management data are monitored and aggregated via the Regional Integrated Transportation Information System (RITIS). RITIS is a web-based database with multiple interfaces including graphs and maps.
- FHMPO staff has access to this data and has an account based upon the 2017 FHMPO boundary. RITIS data is monitored on the Interstate and Non-Interstate NHS systems.



1

INTERSTATE TRAVEL TIME RELIABILITY MEASURE (TTRM):

| Year | % Reliable Miles | Target |
|------|------------------|--------|
| 2016 | 100% | |
| 2017 | 100% | |
| 2018 | | 95% |
| 2019 | | 95% |
| 2020 | | 95% |
| 2021 | | 95% |
| 2022 | | 95% |



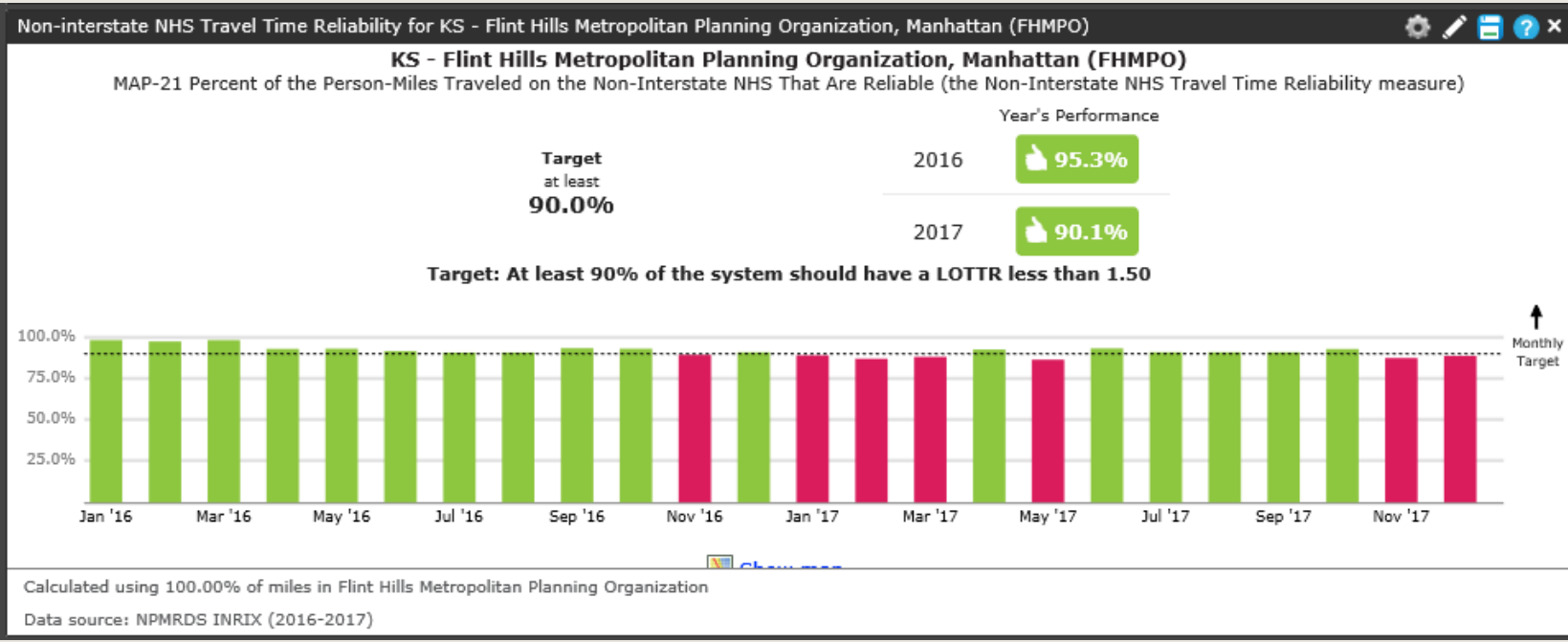
Only 2 years of data provided by RITIS



2

NON-INTERSTATE TRAVEL TIME RELIABILITY MEASURE (NTTRM):

| Year | % Reliable Miles | Target |
|------|------------------|--------|
| 2016 | 95.3% | |
| 2017 | 90.1% | |
| 2018 | | 95% |
| 2019 | | 95% |
| 2020 | | 95% |
| 2021 | | 95% |
| 2022 | | 95% |



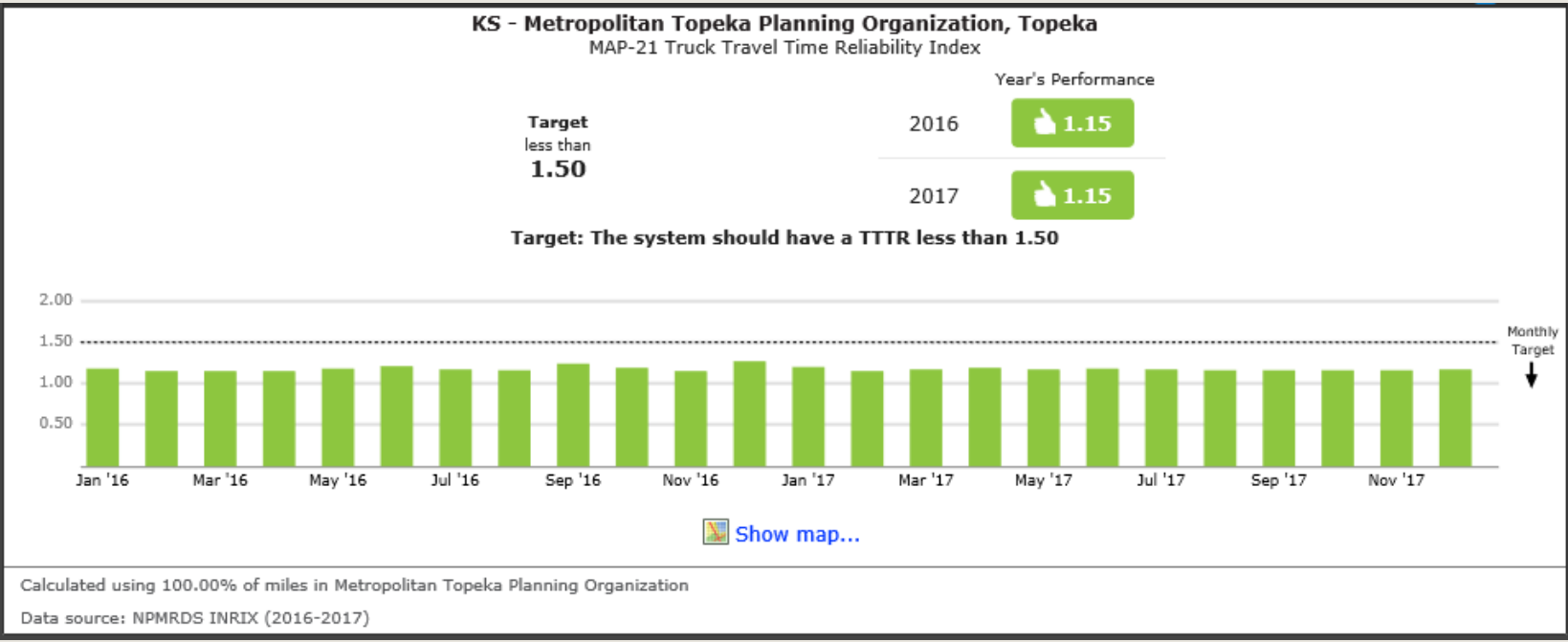
Only 2 years of data provided by RITIS



1

INTERSTATE FREIGHT RELIABILITY MEASURE (TTTR):

| Year | TTTR | Target |
|------|------|--------|
| 2016 | 1.15 | |
| 2017 | 1.15 | |
| 2018 | | 1.16 |
| 2019 | | 1.16 |
| 2020 | | 1.16 |
| 2021 | | 1.16 |
| 2022 | | 1.16 |



Only 2 years of data provided by RITIS