# Measurement Plan

The performance indicators, targets, and reporting frequency are provided for each strategic goal and objective in the following tables. Some of the indicators in the tables are included in the list of National Performance Management Measures in [23CFR1.490](https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=ce8d3514e91bd0d2111ef0172ffcf5bf&mc=true&n=pt23.1.490&r=PART&ty=HTML%20-%20se23.1.490_1107%20-%20sp23.1.490.b) (2017). In addition, four indicators are for reporting on the USDOT Agency Priority Goals (APG).

The information for the performance indicators listed in the tables will be updated periodically as results become available and out-year targets are established. Initial targets extend to Fiscal Year (FY) 2020. The reporting frequency for each indicator is based on the current schedule and is subject to change based on the requirements for reports to the Office of Management and Budget and internal reports to the Office of the Secretary or the FHWA leadership team beginning in FY 2019. Results are for the Fiscal Year unless otherwise noted as Calendar Year (CY).

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Goal: Safety

Strategic Objective #1: Save lives by expanding the use of data driven systemic safety management approaches and by increasing the adoption of proven safety solutions by all road owners.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Performance Indicator | Lead Office | 2018 Baseline | 2019 Target | 2020 Target | Reporting Frequency |
| Highway fatality rate, or number of fatalities per 100 million Vehicle Miles Traveled (VMT), CY, APG. | Safety | 1.07 *(p)* | 1.02 | 1.01 | Annual |
| Number of State DOTs collecting all the Fundamental Data Elements, which are a subset of Model Inventory of Roadway Elements (MIRE). *(\*- see note below)* | Safety | 27 | 31 | 35 | Annual |
| Average number of State DOTs implementing proven safety countermeasures at the post demonstration level. | Safety | 13 | 17 | 22 | Semi-annual |
| *\* Results are based on States reporting on non-local paved road segment for State-owned roads only.* |
| *TBD–To be determined; (p) – preliminary estimate; (r) - revised* |

Goal: Infrastructure

Strategic Objective #2: Improve program and project decision-making by using a data-driven approach, asset management principles, and a performance-based program that lead to better conditions and more efficient operations.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Performance Indicator | Lead Office | 2018 Baseline | 2019 Target | 2020 Target | Reporting Frequency |
| Percent of National Highway System (NHS) bridges, by deck area, in Poor condition CY, APG. | Infrastructure | 4.5% *(p)* | 5.0%or less | 5.0%or less | Annual |
| Percent of VMT on NHS pavements in Good condition CY, APG.  | Infrastructure | 60.9% | 61.6% | 62.3% | Annual |
| Number of States with FHWA-certified processes to develop and use State Assessment Management Plans for the NHS | Infrastructure | 52 States initially compliant *(p)* | 52 States fully compliant | 52 States fully compliant | Semi-annual |
| *TBD–To be determined; (p) – preliminary estimate; (r) - revised* |

Strategic Objective #3: Increase freight and people mobility and reliability by building effective partnerships and encouraging targeted investments.

| Performance Indicator | Lead Office | 2018 Baseline | 2019 Target | 2020 Target | Reporting Frequency |
| --- | --- | --- | --- | --- | --- |
| Travel time reliability, as the percent of person-miles traveled that are reliable on the interstate, CY. | Operations | 83.7% *(p)* | TBD | TBD | Annual |
| Truck travel time reliability index on the interstate, CY. | Operations | 1.36 *(p)* | TBD | TBD | Annual |
| Percent of authorized National Highway Freight Program (NHFP) funding obligated for projects identified in States freight plans. | Operations | 75% | 75% | 80% | Semi-annual |
| Number of States and Metropolitan Planning Organizations (MPOs) that have a plan and/or process in place to strategically guide investments for Transportation Systems Management and Operations (TSMO). | Operations | 17 | 22 | 27 | Semi-annual |
| *TBD–To be determined; (p) – preliminary estimate based on 2017 data; (r) - revised* |

Goal: Innovation

Strategic Objective #4: Enhance the safety and performance of the Nation’s transportation system through research and by accelerating development and deployment of promising innovative technologies and practices.

| Performance Indicator | Lead Office | 2018 Baseline | 2019 Target | 2020 Target | Reporting Frequency |
| --- | --- | --- | --- | --- | --- |
| Number of research projects completed and published.  | Research, Development and Technology | TBD | TBD | TBD | Semi-annual |
| Percent of State and Federal Transportation Innovation Councils that have a Functioning-to-Sustained maturity level for a formal innovation process and a communication plan. | Innovative Program Delivery | 28% | 40% | 50% | Semi-annual |
| Number of States and local agencies that have used a federal innovative finance tool in the current year. | Innovative Program Delivery | 17 | 20 | 23 | Semi-annual |
| Percent of Every Day Counts (EDC) Round 5 innovations that met their goals, CY. | Innovative Program Delivery | 52% *(p)* | 25% | 75% | Semi-annual |
| *TBD–To be determined; (p) – preliminary report for Round 4 EDC innovations; (r) - revised* |

Goal: Accountability

Strategic Objective #5: Modernize or eliminate obsolete, unnecessary, or duplicative policies and regulations to accelerate all phases of project delivery, stimulate innovation, and reduce administrative burdens.

| Performance Indicator | Lead Office | 2018 Baseline | 2019 Target | 2020 Target | Reporting Frequency |
| --- | --- | --- | --- | --- | --- |
| Number of deregulatory actions taken annually, APG. | Chief Counsel | 5 | 2 | 2 | Semi-annual |
| *TBD–To be determined; (p) – preliminary estimate; (r) - revised* |

Strategic Objective #6: Transform the workforce and resource management approach to ensure the agency is properly structured, skilled and equipped to deliver outstanding customer service to our partners and the traveling public.

| Performance Indicator | Lead Office | 2018 Baseline | 2019 Target | 2020 Target | Reporting Frequency |
| --- | --- | --- | --- | --- | --- |
| Effective Leadership score | Administration | 70.8 | 71.0 | TBD | Semi-annual |
| Percent of offices that provided training or facilitated discussion on Emotional Intelligence. | Administration | N/A | 85% | TBD | Semi-annual |
| FMCSA procurement actions that are awarded within FHWA’s Procurement Action Lead Time (PALT) standard. | Chief Financial Officer | TBD | 65% | TBD | Semi-annual |
| IT Acquisition Center of Excellence procurement actions that are awarded within FHWA’s PALT standard. | Chief Financial Officer | TBD | 70% | TBD | Semi-annual |
| Disciplines complete designated percentage of the 5 development framework activities *(\*- see note below)* | Technical Services | TBD | 60% | TBD | Semi-annual |
| *Note: Activities are: 1) an updated Learning & Development strategy, 2) Competency assessment, 3) Succession plan, 4: Peer assessment, and 5) Discipline seminar.* |
| *TBD–To be determined; (p) – preliminary estimate; (r) – revised; N/A – Not available, new indicator.* |