Probe Data Analytics Suite │ Calendar Year 2017 Deployments
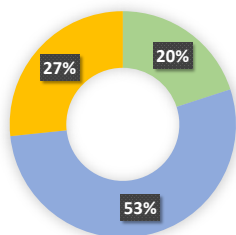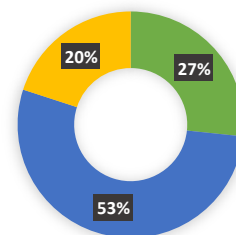
Summary

15 Q3 Improvements

- 3 Major New Features
- 8 Functional Enhancements
- 4 Significant Bug Fixes

20% · 53% · 27%

30 YTD Improvements

- 8 Major New Features
- 16 Functional Enhancements
- 6 Significant Bug Fixes

20% · 53% · 27%

Detail

Improvement	Tool(s) Affected	Description	Deploy Date
Ramps in TMC selection	PROBE DATA ANALYTICS SUITE (Except Congestion Scan)	Allows ramps to be selected using the TMC selector without requiring manual TMC entry.	09.27.2017
MPO Boundry Selection†	•MAP-21•	Allows users to choose MPO boundaries in creating a MAP-21 Dashboard widget.	09.27.2017
Export Truncation in Massive Data Downloader		Fixes a bug where exports larger than 4 GB would be truncated.	09.08.2017
Flash migration for Performace Summaries†		Migrates Performance Summaries to a JavaScript implementation.	08.28.2017
Wrong Provider in Speed/Travel Time Widgets		Fixes a bug where one provider would be used for all speed and travel time widgets regardless of the widget's configuration.	08.25.2017
TMC Selection by Map†	PROBE DATA ANALYTICS SUITE	Adds a new way to select TMCs: by drawing shapes on the map.	08.18.2017
Travel Time Unit Selection		In the Masive Data Downloader you can now choose to have the travel times in data exports be in minutes or seconds.	08.09.2017
Historic average speed and reference speed for NPMRDS	PROBE DATA ANALYTICS SUITE	With the addition of historic average speed and reference speed, several previously unavailable metrics are now available for the NPMRDS (Buffer Index, Planning Time Index, etc.)	08.02.2017
Better resource management for exports and UDC reports		When a large number of MDD and UDC requests are active in the system, resources are better allocated to prevent these requests from impacting throughput of other requests.	07.28.2017
GIS metadata fields for NPMRDS2		Adds new fields to the MDD TMC Inventory file for NPMRDS exports that come from the NPMRDS shapefile.	07.21.2017
UDC Report Bug Fix		Fixes a bug that caused UDC reports to not finish being created.	07.19.2017
NPMRDS FAQ Updates	PROBE DATA ANALYTICS SUITE	This update significantly expands the NPMRDS documentation in our help pages, and based on user feedback (**two updates**).	07.18.2017 07.21.2017
NPMRDS2 Data Set & Coverage Map†…	PROBE DATA ANALYTICS SUITE	The new NPMRDS2 extends the NPMRDS dataset where the NPMRDS1 left off (Jan 2017) and includes new features, like null record handling. The Coverage Map is a new tool that allows users to see how much of the NPMRDS is covered by live probes (**two updates**).	07.07.2017

Large-scale, system-wide efforts (that extend beyond one quarter)

Flash Migration†		Continuing to remove the dependence on Flash by reworking the front end and back ends to newer web standards.	

Key

Major New Features
Provides you with significant new abilities to interact with the tools in ways you couldn't do before.

Functional Enhancements
Smaller, but important new features or functions that help existing tools work better, faster or more efficiently.

Significant Bug Fix
Corrects errors, flaws or faults in the system that may have been confusing, annoying or inhibiting.

† Substantial and/or high-value deploys.