Probe Data Analytics Suite | Calendar Year 2017 Deployments
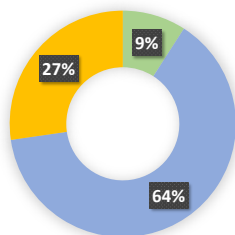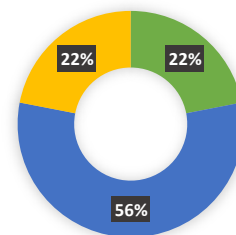
Summary

11 Q4 Improvements
- 1 Major New Feature
- 7 Functional Enhancements
- 3 Significant Bug Fixes

9%
64%
27%

41 YTD Improvements
- 9 Major New Features
- 23 Functional Enhancements
- 9 Significant Bug Fixes

22%
22%
56%

Detail

Improvement	Tool(s) Affected	Description	Deploy Date
Flash migration for Trend Map		Migrates Trend Map to a JavaScript implementation and adds a chart that shows percent of readings over each time period within certain speed ranges	12.20.2017
MAP-21 widget export fix		Fixes a bug preventing MAP-21 widgets from being exported to Excel	11.29.2017
MAP-21 widget speed up		By computing the MAP-21 metrics for each geographic area in advance we significantly reduce the amount of time it takes to load any given MAP-21 widget	11.15.2017
Adds more informative titles for doubleclick popup in Trend Map		Displays the TMC's intersection info in the popup titles	11.09.2017
Bottleneck Ranking column changes†		Adds three new metics that allow users to weight the traditional impact measure (now referred to as the "base impact") by other relevant factors, including: the magnitude of speed drops; severity of congestion, and; estimated total delay	11.09.2017
Canada/Mexico border crossing data added		Adds data for the TMC segments in Canada and Mexico within 5 miles of border crossings (20 crossings in Canada/6 in Mexico) to the NPMRDS. These data can be accessed via the Massive Data Downloader through individual TMC codes, map selection tools, or within the county dropdown list.	11.06.2017
NPMRDS2 reload	PROBE DATA ANALYTICS SUITE	After a bugfix in the creation scripts for the NPMRDS2 regarding harmonic averaging, the entire NPMRDS2 was regenerated using the bugfixed code.	11.06.2017
vpp.riits.org -> pda.ritis.org	PROBE DATA ANALYTICS SUITE	Completing our rebranding of the VPP Suite to the Probe Data Analytics Suite, we updated the hostname to pda.ritis.org	11.02.2017
Display "percent complete" info for exports in My History	PROBE DATA ANALYTICS SUITE	We added the ability to see how far along each export is in My History	11.02.2017
Fix for Dashboard crash when speeds are 0		Fix crash in Speed and Travel Time widgets when speeds are 0	10.20.2017
Fix exports not being produced in some cases		Fix for exports one minute granularity exports not being produced if TMCs were included that didn't have readings	10.11.2017

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.