

# Combined SQA Metric Items From FPA Spreadsheets - September 2019

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## Abstract

Presentation of First Pass Acceptance of SLC documentation. This is derived from the Excel workbooks that Software Quality Assurance collected called “First Pass Acceptance.xlsx” and “First Pass Acceptance Dallas.xlsx”. This is for the month of September 2019. <sup>1</sup>

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<sup>1</sup>Date Ran: Tuesday 1<sup>st</sup> October, 2019 at 10:31

# 1 Introduction

The data is processed using R<sup>2</sup>, version 3.6.1 named “Action of the Toes” . The only extension (package or library) utilized is lubridate (version 1.7.4) to provide key functionality in the processing of dates.

The data is read into R from a comma seperated value (csv) file which is derived (saved) from the spreadsheet without modification. Additional values that are needed are are computed in R as needed.

This report is prepared in the R enviroment using a collection of packages know as Sweave that included knitr which in turn feeds the package into L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> a typesetting program to produce a PDF file. L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> in implented in MiT<sub>E</sub>X. L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> is utilizing the folowing packages to control style and formating:

- datetime and
- multtoc
- hyperref
- xcolor

**Note:** The charts provided only contain data for the Dallas team starting from September 2019.

## 2 Combined (all)

### 2.1 First Pass Acceptance Results

For the Month of September 2019the follow are the First Pass Acceptance Metrics results.

**Projects Started** 12

**Projects Completed** 9

**Items Reviewed** 639

**Items Rejected** 181

**First Pass Acceptance Rate** 54.9 %

**Rejection Rate** 28.3 %

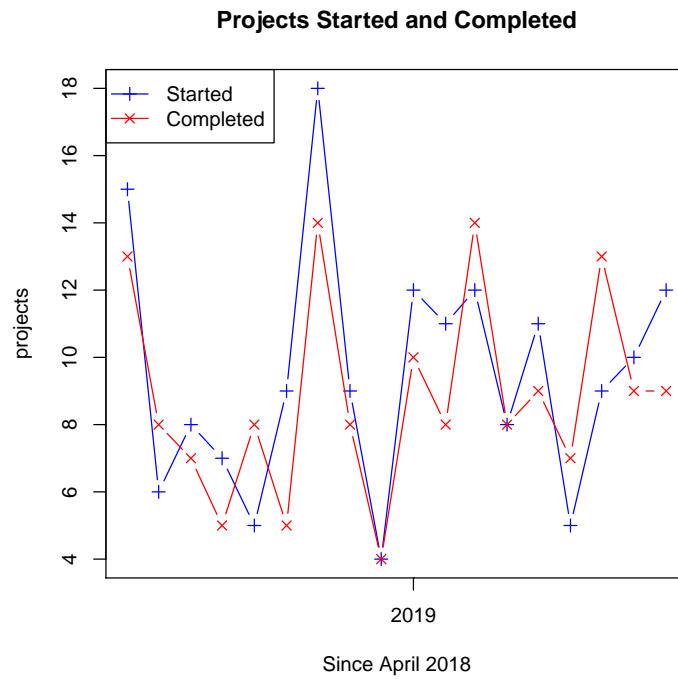
### 2.2 Trending Graphs

Trend Graphs only reflect the past 18 months of data. The following graphics do not include data from CHaRM Test Protocols.

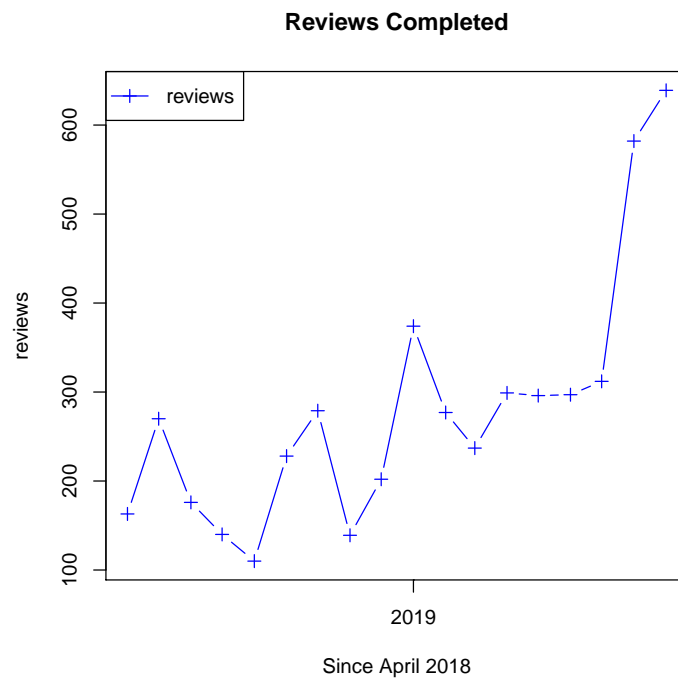
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<sup>2</sup>RStudio is utilized as an IDE

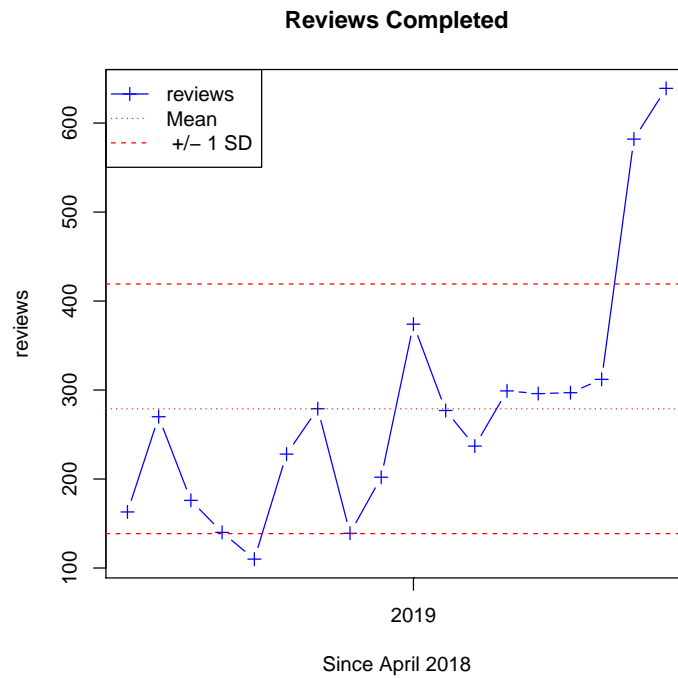
### 2.2.1 Projects Started and Completed



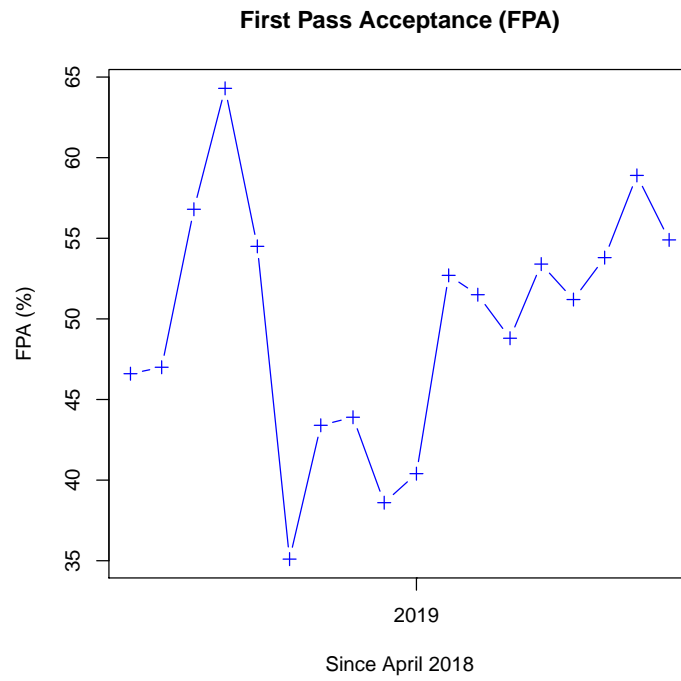
### 2.2.2 Reviews Completed



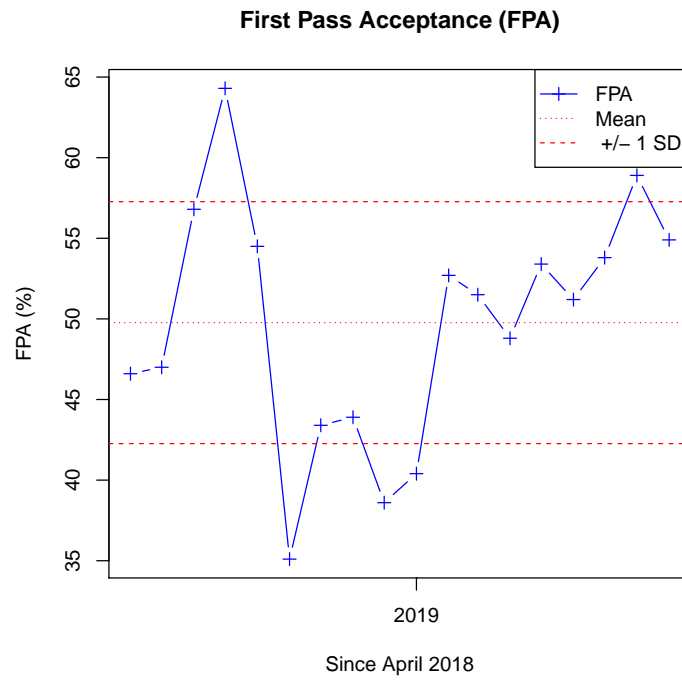
### 2.2.3 Reviews Completed with Control Lines



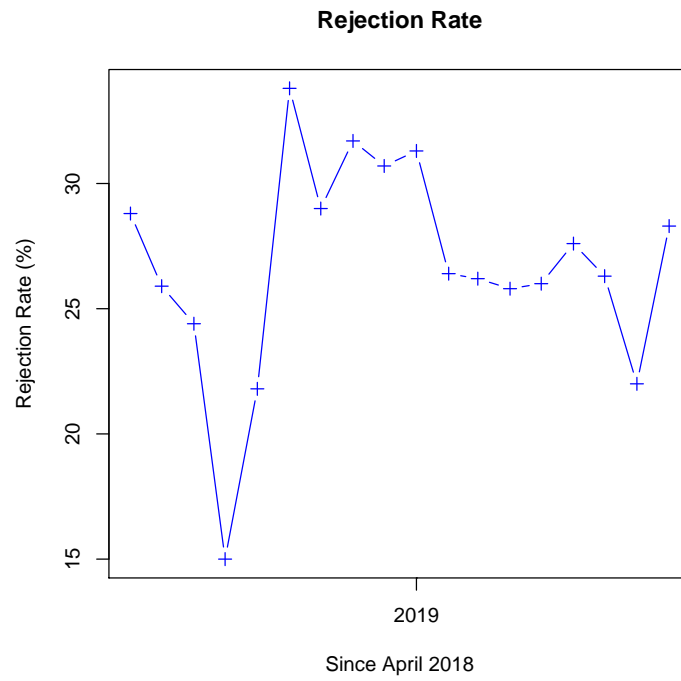
### 2.2.4 First Pass Acceptance



### 2.2.5 First Pass Acceptance with Control Lines

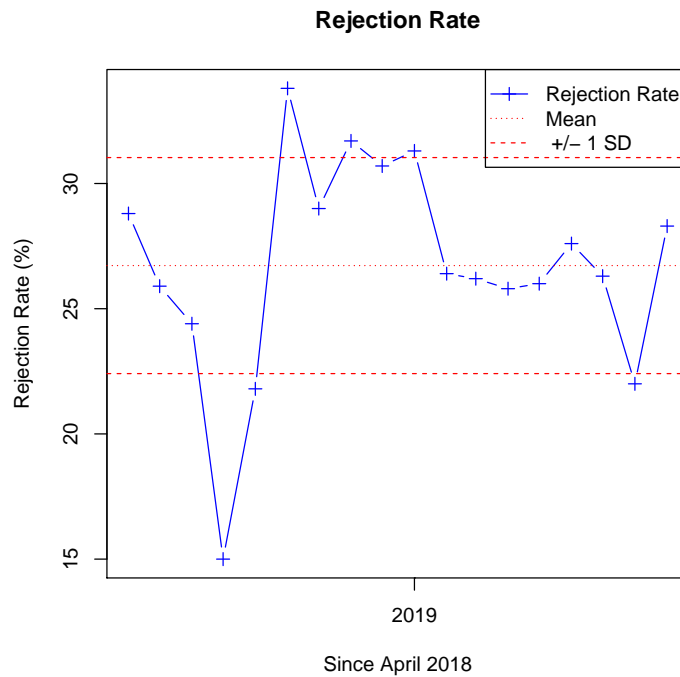


### 2.2.6 Rejection Rate





### 2.2.7 Rejection Rate with Control Lines



## 3 Combined (CHaRM Test Protocols Removed)

### 3.1 First Pass Acceptance Results

For the Month of September 2019 the following are the First Pass Acceptance Metrics results.

**Projects Started** 12

**Projects Completed** 9

**Items Reviewed** 343

**Items Rejected** 128

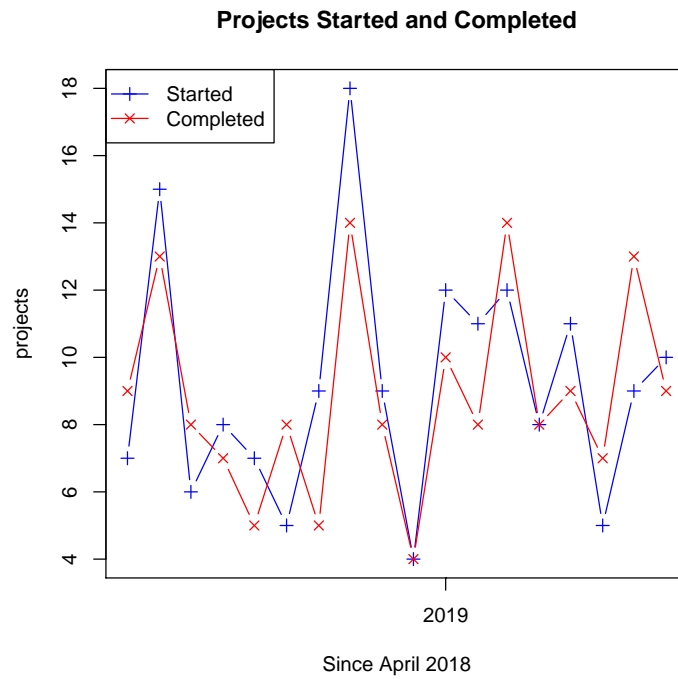
**First Pass Acceptance Rate** 33.8 %

**Rejection Rate** 37.3 %

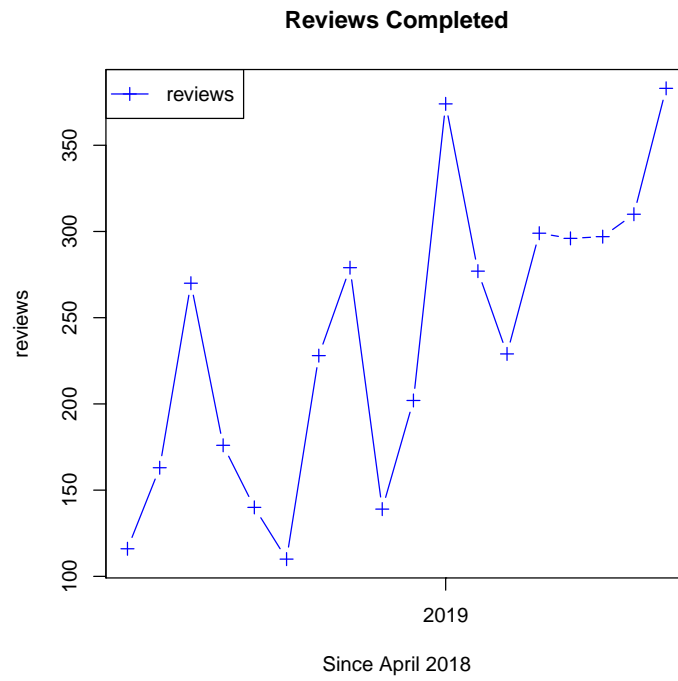
### 3.2 Trending Graphs

Trend Graphs only reflect the past 18 months of data. The following graphics do not include data from CHaRM Test Protocols.

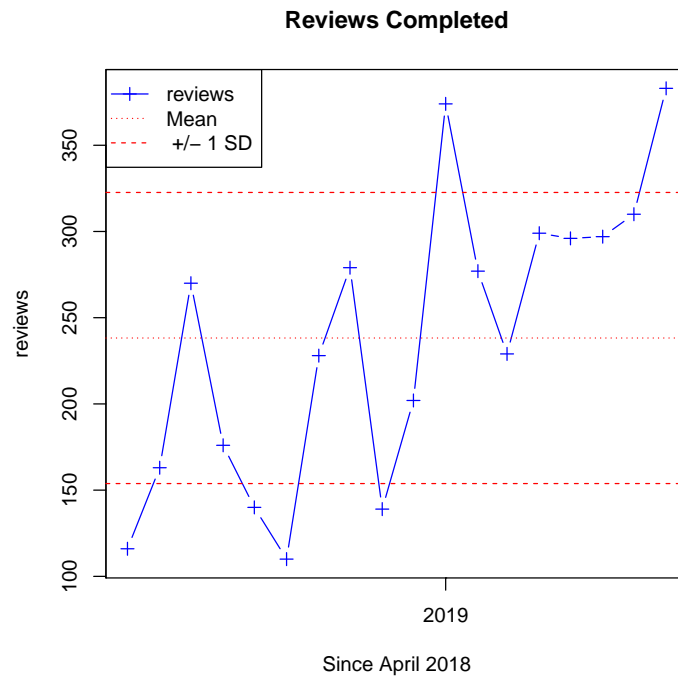
### 3.2.1 Projects Started and Completed



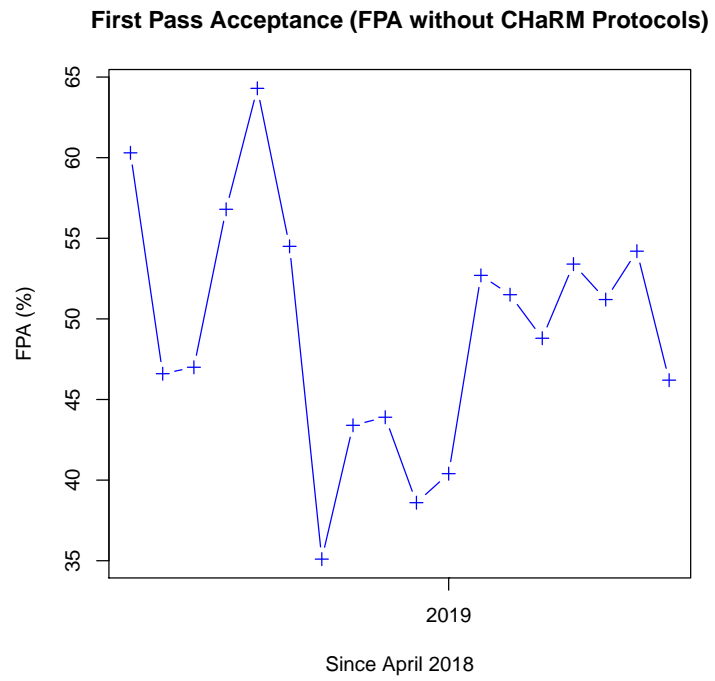
### 3.2.2 Reviews Completed



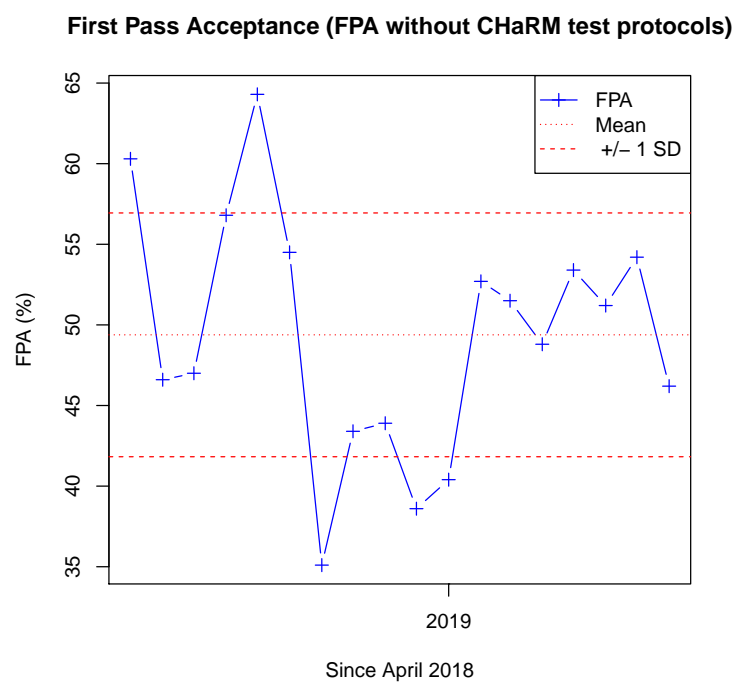
### 3.2.3 Reviews Completed with Control Lines



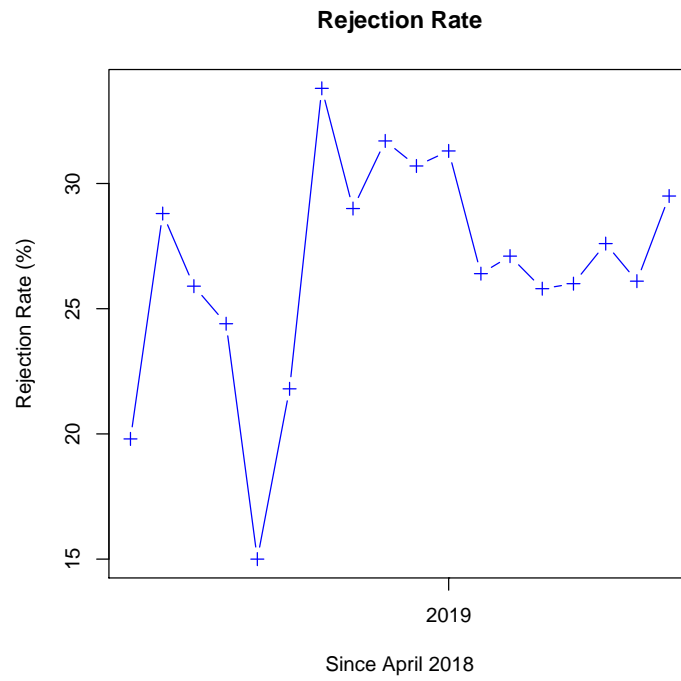
### 3.2.4 First Pass Acceptance



### 3.2.5 First Pass Acceptance with Control Lines



### 3.2.6 Rejection Rate



### 3.2.7 Rejection Rate with Control Lines

