Third Party Review Organization Performance Report

Table of Contents

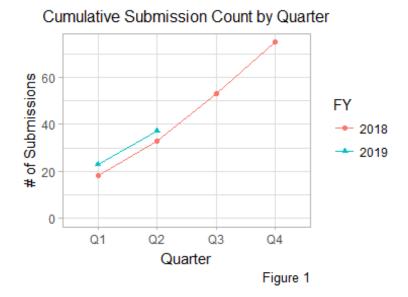
| Introduction and Review Timeline Description | 2 |
|---|----|
| Definitions | 4 |
| Names of Third Party Review Organizations | 6 |
| Third Party Performance Data | 7 |
| Initial Third Party Review Time | 7 |
| Third Party Hold Time | 9 |
| Total Third Party Review Time | 11 |
| Total FDA Review Time | 13 |
| Total Time to Decision from FDA Receipt | 15 |
| Total Time to Decision from Third Party Receipt | 17 |
| All Third Party Review Organizations | 19 |
| AABB (AABB) | 22 |
| Accelerated Device Approval Services, LLC (ADAS) | 23 |
| Biomarkers and Diagnostics Consulting, LLC (BDC) | 24 |
| Center for Measurement Standards of Industrial (CMSI) | 25 |
| New York State Department of Health (NYSDOH) | 26 |
| Nordic Institute of Dental Materials (NIOM) | 27 |
| Regulatory Technology Services, LLC (RTS) | 28 |
| Third Party Review Group, LLC (TPRG) | 31 |
| TUV SUD America Inc. (TUV) | 34 |
| Change Log | 37 |

Introduction and Review Timeline Description

The Accredited Persons Program was created by the FDA Modernization Act of 1997 (FDAMA) to improve the efficiency and timeliness of FDA's 510(k) process. Under the program, FDA accredits Third Parties (Accredited Persons) that are authorized to conduct the primary review of 510(k)s for eligible devices. Under MDUFA IV, the FDA committed to publishing the performance of individual accredited Third Parties with at least five completed submissions on the Web (e.g., average number of holds, average time to final decision). A summary of Third Party Performance Metrics will be posted on a quarterly basis. This report contains data from FY 2018, Q1 through FY 2019, Q2 (October 1, 2017 through March 31, 2019). The number of Third Party Review Organizations with at least 5 completed submissions for each Fiscal Year is shown below:

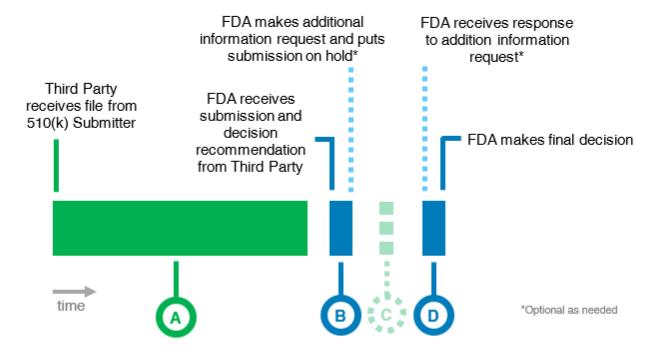
| FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|--------|--------|--------|--------|--------|
| 3 | 2 | 0 | 0 | 0 |

The cumulative number of Third Party 510(k) submissions accepted by Quarter for each Fiscal Year is shown below:



A Third Party 510(k) submission goes through four different stages before a final decision is made by FDA.

- Stage A The Third Party receives the file from the 510(k) Submitter, reviews the file, and sends the file and its decision recommendation to FDA.
- Stage B FDA reviews the submission to ensure that the Third Party has submitted all the information needed to make a final decision. If more information is needed, FDA makes a request of additional information, notifies the Third Party, and puts the submission on hold.
- Stage C (Optional) The Third Party reviews FDA's request for additional information and notifies the 510(k) submitter. The Third Party responds to FDA's deficiencies, updating the review memo and submission as necessary. The submission is considered on hold until FDA receives a complete response to its request for additional information.
- Stage D FDA reviews the additional information and makes a final decision.



Definitions

1) Initial Third Party Review Time:

- = Date FDA receives Third Party submission
- Date Third Party receives the file from the 510(k) Submitter

Elapsed time in days for the Third Party to review the 510(k) Submitter's file and determine its decision recommendation for a final MDUFA IV decision (SE or NSE). The elapsed time includes the time needed for the 510(k) Submitter to resolve deficiencies. The Third Party provides the Submitter's file, its associated Third Party review documentation and its decision recommendation to FDA.

2) Third Party Hold Time:

- = Date FDA receives response to request for additional information
- Date FDA makes decision to put submission on hold

Elapsed time in days for the Third Party to respond to a request for additional information from FDA for a final MDUFA IV decision (SE or NSE). If the Third Party does not receive a request for additional information, *Third Party Hold Time* is set to 0 days. If the file is placed on hold more than once, this is the total number of days the file has been on hold.

3) Total Third Party Review Time:

= Initial Third Party Review Time + Third Party Hold Time

Elapsed time in days for a Third Party to review a file from a 510(k) Submitter, including the time it is on hold for a final MDUFA IV decision (SE or NSE).

4) Total FDA Review Time:

- = Date FDA makes Final Decision Date FDA receives Third Party Submission
- Third Party Hold Time

Elapsed time in days for FDA to provide a final MDUFA IV decision (SE or NSE) to a Third Party submission. By statute, FDA must provide a final MDUFA IV decision in 30 days. *Total FDA Review Time* does not include the number of days that a submission is on hold waiting for additional information from the Third Party.

5) Total Time to Decision from FDA Receipt:

= Total FDA Review Time + Third Party Hold Time

Elapsed time in days between FDA's receipt of a Third Party submission and FDA's final MDUFA IV decision (SE or NSE). *Total Time to Decision from FDA Receipt* includes *Third Party Hold Time*, while *Total FDA Review Time* does not. For non-Third Party files, *Total Time to Decision from FDA Receipt* is called Total Time to Decision (TTD).

6) Total Time to Decision from Third Party Receipt:

= Total Third Party Review Time + Total FDA Review Time

Elapsed time in days for FDA and a Third Party to provide a final MDUFA IV decision (SE or NSE) to a submitter. *Total Time to Decision from Third Party Receipt* spans the entire lifecycle of a TP submission.

Names of Third Party Review Organizations

All 3PROs All Third Party Review Organizations

AABB AABB

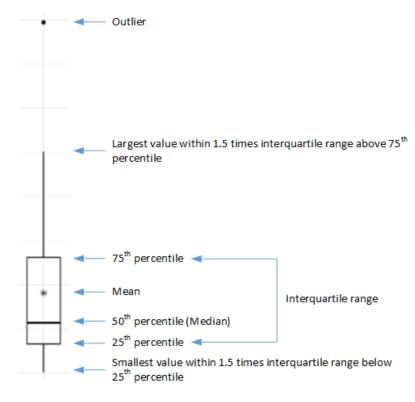
ADAS Accelerated Device Approval Services, LLC
BDC Biomarkers and Diagnostics Consulting, LLC
CMSI Center for Measurement Standards of Industrial

NYSDOH New York State Department of Health NIOM Nordic Institute of Dental Materials RTS Regulatory Technology Services, LLC

TPRG Third Party Review Group, LLC

TUV SUD America Inc.

Box Plot Legend:



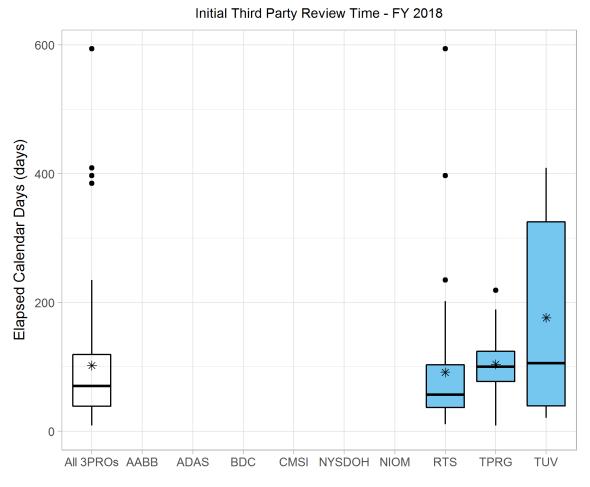
Box Plot Sources

Tukey (John W. Tukey (1977). Exploratory Data Analysis. Addison-Wesley.)

H. Wickham. ggplot2: Elegant Graphics for Data Analysis. Springer-Verlag New York, 2016.

Third Party Performance Data

Initial Third Party Review Time



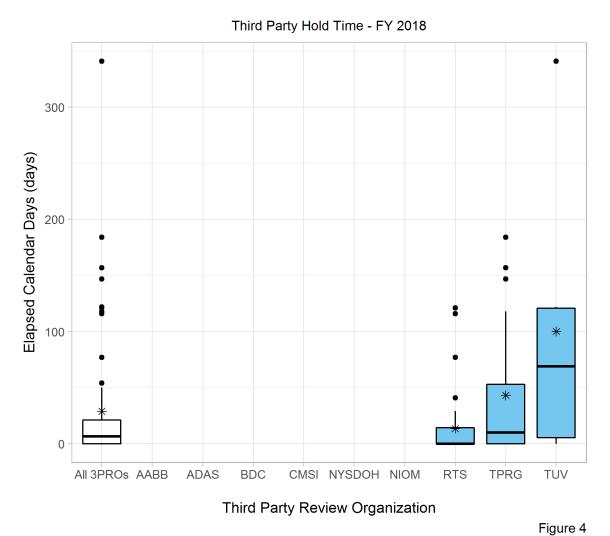
Third Party Review Organization

Figure 2

Initial Third Party Review Time - FY 2019 300 Elapsed Calendar Days (days) 200 100 * 0 All 3PROs AABB BDC CMSI NYSDOH NIOM RTS TUV ADAS **TPRG** Third Party Review Organization

Figure 3

Third Party Hold Time



Page 9 of 37

0

All 3PROs AABB

ADAS

BDC

Third Party Hold Time - FY 2019 60 Elapsed Calendar Days (days)

Third Party Review Organization

CMSI NYSDOH NIOM

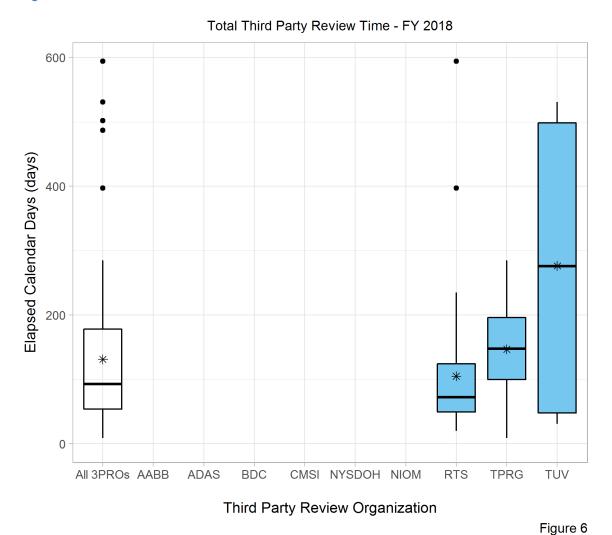
RTS

TPRG

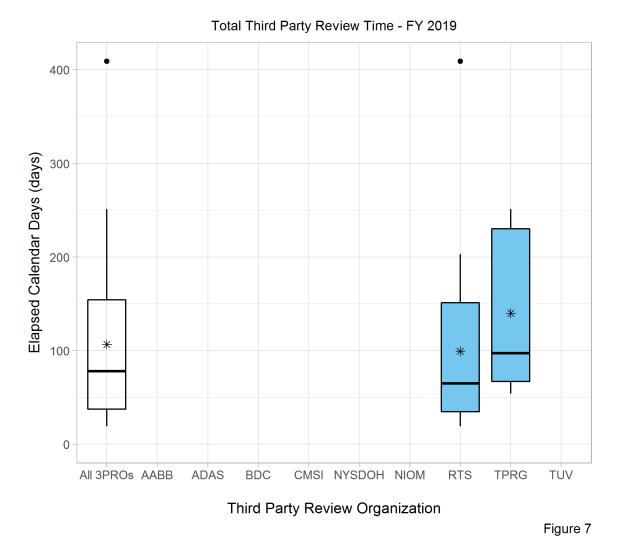
Figure 5

TUV

Total Third Party Review Time



Page **11** of **37**



Page **12** of **37**

Total FDA Review Time

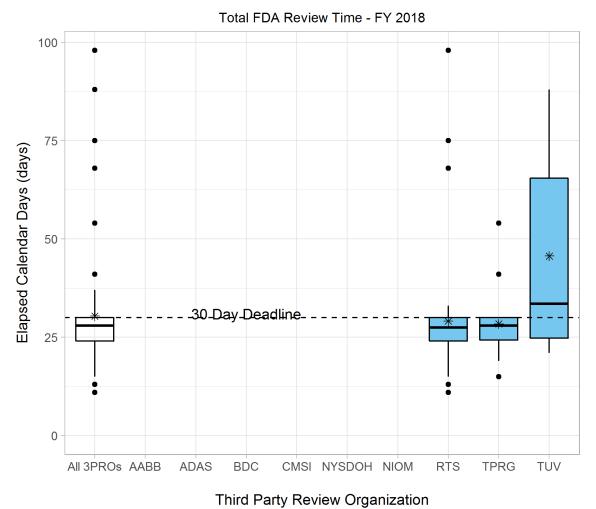


Figure 8

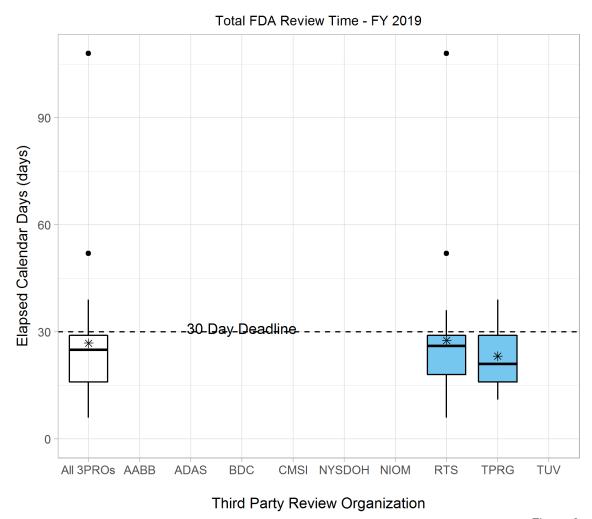
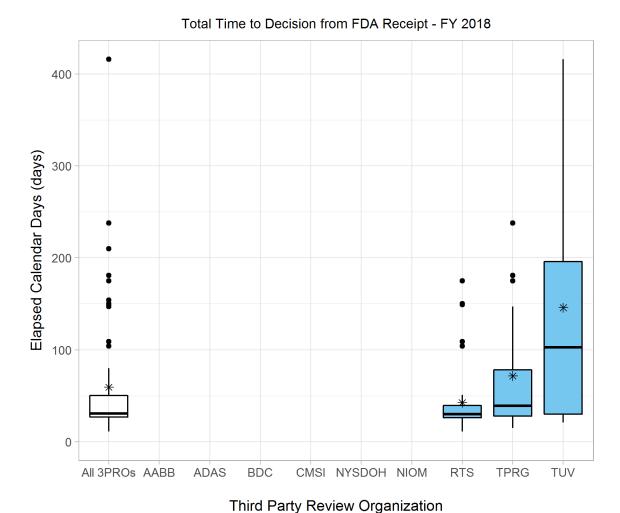


Figure 9

Total Time to Decision from FDA Receipt



Page **15** of **37**

Figure 10

Total Time to Decision from FDA Receipt - FY 2019 150 Elapsed Calendar Days (days) 0 All 3PROs AABB BDC CMSI NYSDOH NIOM TUV ADAS RTS **TPRG**

Third Party Review Organization

Figure 11

Total Time to Decision from Third Party Receipt

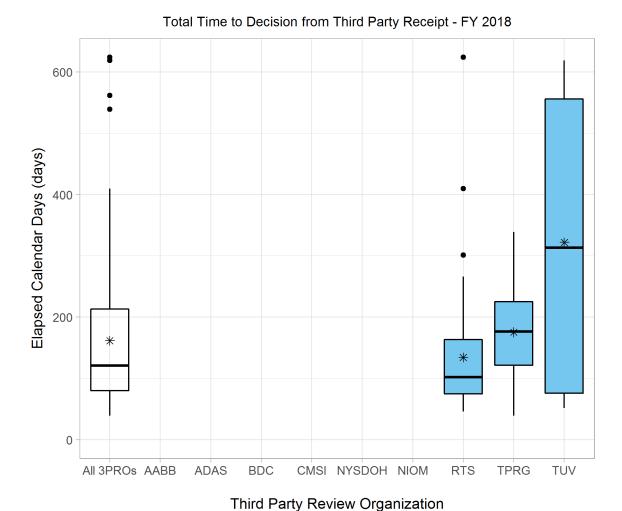


Figure 12

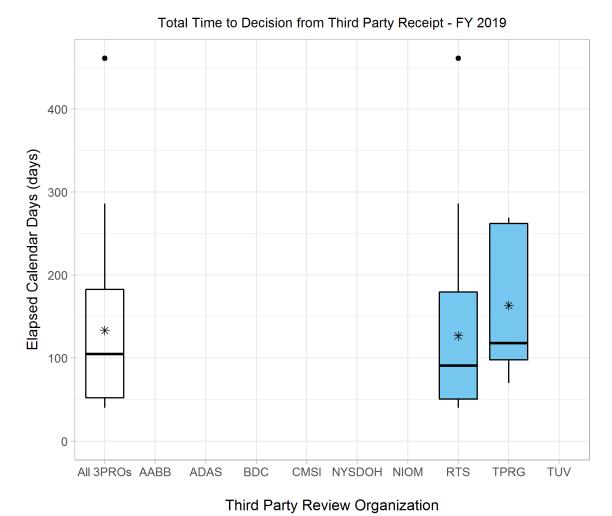


Figure 13

All Third Party Review Organizations

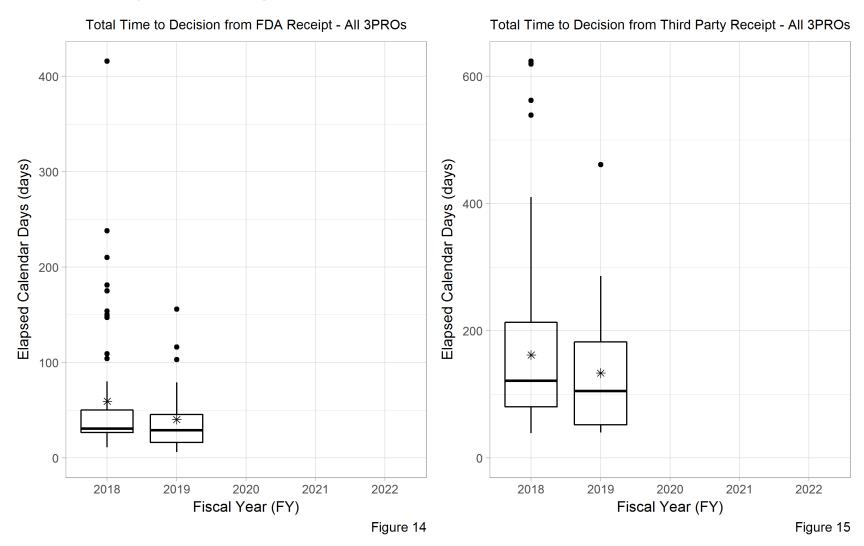


Table 1.1: Third Party 510(k) MDUFA IV Decision Performance Goals - All Third Party Review Organizations.

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|--|----------|----------|--------|--------|--------|
| Total Third Party 510(k) Submissions Accepted | 75 | 37 | | | |
| Non-MDUFA IV Final Decisions: Withdrawn or Deleted (%) | | 1 (3%) | | | |
| MDUFA IV Final Decisions: SE or NSE (%) | 68 (91%) | 28 (76%) | | | |
| Pending Final Decision for less than 30 FDA days (%) | 1 (1%) | 8 (22%) | | | |
| Pending Final Decision for more than 30 FDA days (%) | 1 (1%) | 0 (0%) | | | |
| Current Performance: Third Party Submissions that received MDUFA IV Final Decisions (SE or NSE) within 30 FDA Days (%) | 86% | 86% | | | |
| Average Holds | | | | | |
| Third Party Submission with a Final Decision | 73 | 29 | | | |
| Total # Requests for Additional Information (Holds) | 40 | 14 | | | |
| Average # Requests for Additional Information per Submission | 0.55 | 0.48 | | | |
| Third Party Recommendation and Final Decision Agreement | | | | | |
| Third Party Submissions with a Final Decision | 73 | 29 | | | |
| Third Party SE Recommendations | 73 | 29 | | | |
| Third Party NSE Recommendations | 0 | 0 | | | |
| Third Party SE Recommendations with a Final Decision | 73 | 29 | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 67 | 26 | | | |
| NSE | 1 | 2 | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 3 | 1 | | | |
| Deleted | 2 | 0 | | | |
| Third Party NSE Recommendations with a Final Decision | 0 | 0 | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 0 | 0 | | | |
| NSE | 0 | 0 | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 0 | 0 | | | |
| Deleted | 0 | 0 | | | |

Table 1.2: Third Party 510(k) MDUFA IV Decision Performance Goals - All Third Party Review Organizations.

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|---|--------|--------|--------|--------|--------|
| Average Initial Third Party Review Time (Calendar Days) | | 94 | | | |
| 25th Percentile Initial Third Party Review Time | | 33 | | | |
| 50th Percentile Initial Third Party Review Time | 70 | 56 | | | |
| 75th Percentile Initial Third Party Review Time | 120 | 151 | | | |
| Maximum Initial Third Party Review Time | 594 | 345 | | | |
| Average Third Party Hold Time (Calendar Days) | 29 | 14 | | | |
| 25th Percentile Third Party Hold Time | 0 | 0 | | | |
| 50th Percentile Third Party Hold Time | 7 | 0 | | | |
| 75th Percentile Third Party Hold Time | 22 | 17 | | | |
| Maximum Third Party Hold Time | 341 | 67 | | | |
| Average Total Third Party Review Time (Calendar Days) | 132 | 107 | | | |
| 25th Percentile Total Third Party Review Time | 54 | 37 | | | |
| 50th Percentile Total Third Party Review Time | 93 | 78 | | | |
| 75th Percentile Total Third Party Review Time | 180 | 155 | | | |
| Maximum Total Third Party Review Time | 594 | 409 | | | |
| Average Total FDA Review Time (Calendar Days) | 31 | 27 | | | |
| 25th Percentile Total FDA Review Time | 24 | 16 | | | |
| 50th Percentile Total FDA Review Time | 28 | 25 | | | |
| 75th Percentile Total FDA Review Time | 30 | 29 | | | |
| Maximum Total FDA Review Time | 98 | 108 | | | |
| Average Total Time to Decision from FDA Receipt (Calendar Days) | 60 | 41 | | | |
| 25th Percentile Total TTD from FDA Receipt | 27 | 16 | | | |
| 50th Percentile Total TTD from FDA Receipt | 31 | 29 | | | |
| 75th Percentile Total TTD from FDA Receipt | 51 | 46 | | | |
| Maximum Total TTD from FDA Receipt | 416 | 156 | | | |
| Average Total Time to Decision from Third Party Receipt (Calendar Days) | 162 | 134 | | | |
| 25th Percentile Total TTD from Third Party Receipt | 80 | 52 | | | |
| 50th Percentile Total TTD from Third Party Receipt | 121 | 105 | | | |
| 75th Percentile Total TTD from Third Party Receipt | 215 | 183 | | | |
| Maximum Total TTD from Third Party Receipt | 624 | 461 | | | |

Version 1 of FY2019, Q2

AABB (AABB)

Accelerated Device Approval Services, LLC (ADAS)

Biomarkers and Diagnostics Consulting, LLC (BDC)

Center for Measurement Standards of Industrial (CMSI)

New York State Department of Health (NYSDOH)

Nordic Institute of Dental Materials (NIOM)

Regulatory Technology Services, LLC (RTS)

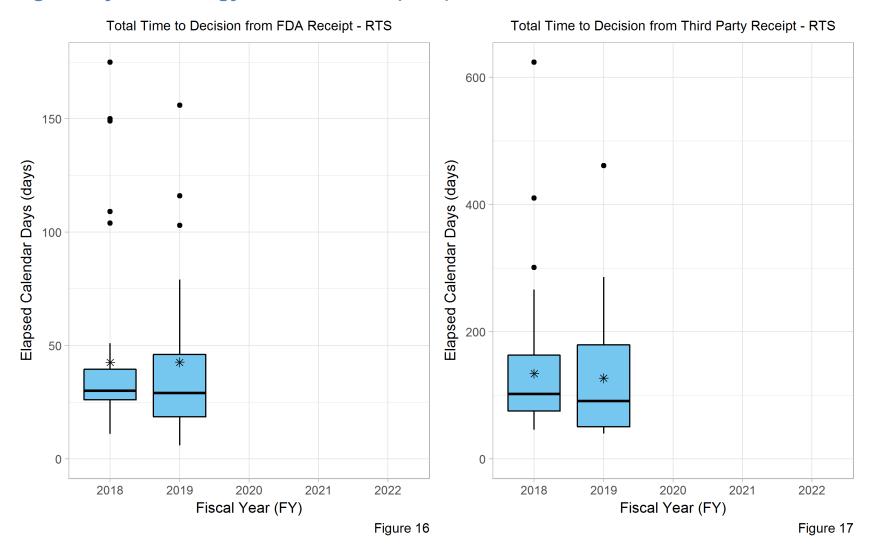


Table 2.1: Third Party 510(k) MDUFA IV Decision Performance Goals - Regulatory Technology Services, LLC (RTS).

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|--|----------|----------|--------|--------|--------|
| Total Third Party 510(k) Submissions Accepted | 49 | 28 | | | |
| Non-MDUFA IV Final Decisions: Withdrawn or Deleted (%) | | 1 (4%) | | | |
| MDUFA IV Final Decisions: SE or NSE (%) | 44 (90%) | 23 (82%) | | | |
| Pending Final Decision for less than 30 FDA days (%) | 1 (2%) | 4 (14%) | | | |
| Pending Final Decision for more than 30 FDA days (%) | 1 (2%) | 0 (0%) | | | |
| Current Performance: Third Party Submissions that received MDUFA IV Final Decisions (SE or NSE) within 30 FDA Days (%) | 89% | 87% | | | |
| Average Holds | | | | | |
| Third Party Submission with a Final Decision | 47 | 24 | | | |
| Total # Requests for Additional Information (Holds) | 24 | 11 | | | |
| Average # Requests for Additional Information per Submission | 0.51 | 0.46 | | | |
| Third Party Recommendation and Final Decision Agreement | | | | | |
| Third Party Submissions with a Final Decision | 47 | 24 | | | |
| Third Party SE Recommendations | 47 | 24 | | | |
| Third Party NSE Recommendations | 0 | 0 | | | |
| Third Party SE Recommendations with a Final Decision | 47 | 24 | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 44 | 22 | | | |
| NSE | 0 | 1 | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 3 | 1 | | | |
| Deleted | 0 | 0 | | | |
| Third Party NSE Recommendations with a Final Decision | 0 | 0 | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 0 | 0 | | | |
| NSE | 0 | 0 | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 0 | 0 | | | |
| Deleted | 0 | 0 | | | |

Table 2.2: Third Party 510(k) MDUFA IV Decision Performance Goals - Regulatory Technology Services, LLC (RTS).

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|---|--------|--------|--------|--------|--------|
| Average Initial Third Party Review Time (Calendar Days) | 92 | 85 | | | |
| 25th Percentile Initial Third Party Review Time | | 31 | | | |
| 50th Percentile Initial Third Party Review Time | 57 | 49 | | | |
| 75th Percentile Initial Third Party Review Time | 105 | 139 | | | |
| Maximum Initial Third Party Review Time | 594 | 345 | | | |
| Average Third Party Hold Time (Calendar Days) | 14 | 15 | | | |
| 25th Percentile Third Party Hold Time | 0 | 0 | | | |
| 50th Percentile Third Party Hold Time | 0 | 0 | | | |
| 75th Percentile Third Party Hold Time | 15 | 19 | | | |
| Maximum Third Party Hold Time | 121 | 67 | | | |
| Average Total Third Party Review Time (Calendar Days) | 105 | 100 | | | |
| 25th Percentile Total Third Party Review Time | 47 | 35 | | | |
| 50th Percentile Total Third Party Review Time | 72 | 65 | | | |
| 75th Percentile Total Third Party Review Time | 128 | 151 | | | |
| Maximum Total Third Party Review Time | 594 | 409 | | | |
| Average Total FDA Review Time (Calendar Days) | 30 | 28 | | | |
| 25th Percentile Total FDA Review Time | 24 | 18 | | | |
| 50th Percentile Total FDA Review Time | 28 | 26 | | | |
| 75th Percentile Total FDA Review Time | 30 | 29 | | | |
| Maximum Total FDA Review Time | 98 | 108 | | | |
| Average Total Time to Decision from FDA Receipt (Calendar Days) | 43 | 43 | | | |
| 25th Percentile Total TTD from FDA Receipt | 26 | 19 | | | |
| 50th Percentile Total TTD from FDA Receipt | 30 | 29 | | | |
| 75th Percentile Total TTD from FDA Receipt | 40 | 46 | | | |
| Maximum Total TTD from FDA Receipt | 175 | 156 | | | |
| Average Total Time to Decision from Third Party Receipt (Calendar Days) | | 127 | | | |
| 25th Percentile Total TTD from Third Party Receipt | 73 | 51 | | | |
| 50th Percentile Total TTD from Third Party Receipt | 102 | 91 | | | |
| 75th Percentile Total TTD from Third Party Receipt | 166 | 180 | | | |
| Maximum Total TTD from Third Party Receipt | 624 | 461 | | | |

Third Party Review Group, LLC (TPRG)

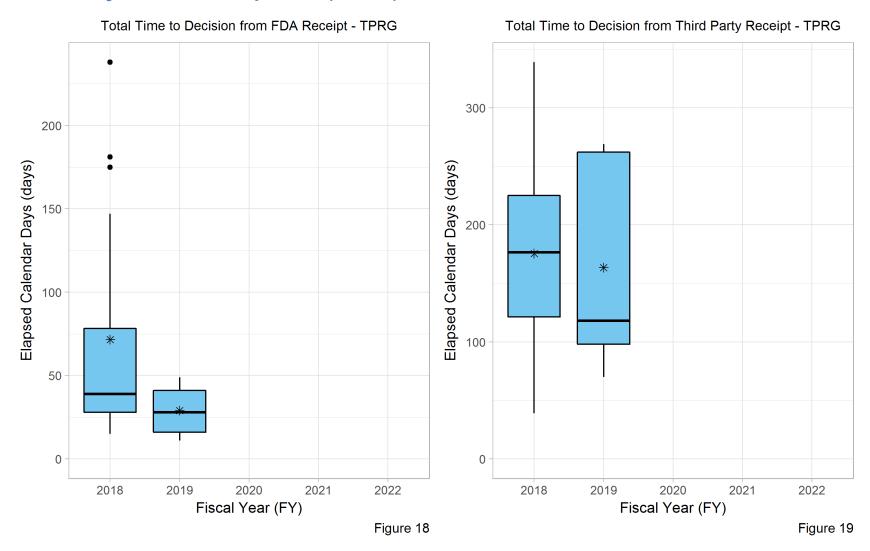


Table 3.1: Third Party 510(k) MDUFA IV Decision Performance Goals - Third Party Review Group, LLC (TPRG).

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|--|----------|---------|--------|--------|--------|
| Total Third Party 510(k) Submissions Accepted | 19 | 7 | | | |
| Non-MDUFA IV Final Decisions: Withdrawn or Deleted (%) | | 0 (0%) | | | |
| MDUFA IV Final Decisions: SE or NSE (%) | 18 (95%) | 5 (71%) | | | |
| Pending Final Decision for less than 30 FDA days (%) | 0 (0%) | 2 (29%) | | | |
| Pending Final Decision for more than 30 FDA days (%) | 0 (0%) | 0 (0%) | | | |
| Current Performance: Third Party Submissions that received MDUFA IV Final Decisions (SE or NSE) within 30 FDA Days (%) | 89% | 80% | | | |
| Average Holds | | | | | |
| Third Party Submission with a Final Decision | 19 | 5 | | | |
| Total # Requests for Additional Information (Holds) | 11 | 3 | | | |
| Average # Requests for Additional Information per Submission | 0.58 | 0.6 | | | |
| Third Party Recommendation and Final Decision Agreement | | | | | |
| Third Party Submissions with a Final Decision | 19 | 5 | | | |
| Third Party SE Recommendations | 19 | 5 | | | |
| Third Party NSE Recommendations | 0 | 0 | | | |
| Third Party SE Recommendations with a Final Decision | 19 | 5 | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 18 | 4 | | | |
| NSE | 0 | 1 | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 0 | 0 | | | |
| Deleted | 1 | 0 | | | |
| Third Party NSE Recommendations with a Final Decision | 0 | 0 | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 0 | 0 | | | |
| NSE | 0 | 0 | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 0 | 0 | | | |
| Deleted | 0 | 0 | | | |

Table 3.2: Third Party 510(k) MDUFA IV Decision Performance Goals - Third Party Review Group, LLC (TPRG).

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|---|--------|--------|--------|--------|--------|
| Average Initial Third Party Review Time (Calendar Days) | 104 | 134 | | | |
| 25th Percentile Initial Third Party Review Time | | 55 | | | |
| 50th Percentile Initial Third Party Review Time | 100 | 90 | | | |
| 75th Percentile Initial Third Party Review Time | 126 | 220 | | | |
| Maximum Initial Third Party Review Time | 219 | 251 | | | |
| Average Third Party Hold Time (Calendar Days) | 44 | 6 | | | |
| 25th Percentile Third Party Hold Time | 0 | 0 | | | |
| 50th Percentile Third Party Hold Time | 10 | 7 | | | |
| 75th Percentile Third Party Hold Time | 54 | 10 | | | |
| Maximum Third Party Hold Time | 184 | 12 | | | |
| Average Total Third Party Review Time (Calendar Days) | 147 | 140 | | | |
| 25th Percentile Total Third Party Review Time | 99 | 67 | | | |
| 50th Percentile Total Third Party Review Time | 148 | 97 | | | |
| 75th Percentile Total Third Party Review Time | 198 | 230 | | | |
| Maximum Total Third Party Review Time | 285 | 251 | | | |
| Average Total FDA Review Time (Calendar Days) | 29 | 24 | | | |
| 25th Percentile Total FDA Review Time | 24 | 16 | | | |
| 50th Percentile Total FDA Review Time | 28 | 21 | | | |
| 75th Percentile Total FDA Review Time | 30 | 29 | | | |
| Maximum Total FDA Review Time | 54 | 39 | | | |
| Average Total Time to Decision from FDA Receipt (Calendar Days) | 72 | 29 | | | |
| 25th Percentile Total TTD from FDA Receipt | 28 | 16 | | | |
| 50th Percentile Total TTD from FDA Receipt | 39 | 28 | | | |
| 75th Percentile Total TTD from FDA Receipt | 80 | 41 | | | |
| Maximum Total TTD from FDA Receipt | 238 | 49 | | | |
| Average Total Time to Decision from Third Party Receipt (Calendar Days) | 176 | 164 | | | |
| 25th Percentile Total TTD from Third Party Receipt | 119 | 98 | | | |
| 50th Percentile Total TTD from Third Party Receipt | 177 | 118 | | | |
| 75th Percentile Total TTD from Third Party Receipt | 227 | 262 | | | |
| Maximum Total TTD from Third Party Receipt | 339 | 269 | | | |

TUV SUD America Inc. (TUV)

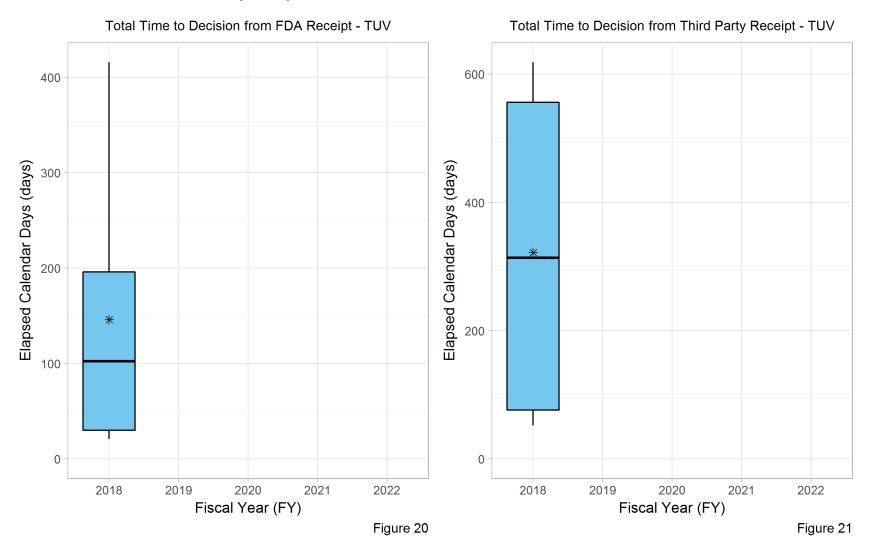


Table 4.1: Third Party 510(k) MDUFA IV Decision Performance Goals - TUV SUD America Inc. (TUV).

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|--|---------|--------|--------|--------|--------|
| Total Third Party 510(k) Submissions Accepted | 7 | | | | |
| Non-MDUFA IV Final Decisions: Withdrawn or Deleted (%) | 1 (14%) | | | | |
| MDUFA IV Final Decisions: SE or NSE (%) | | | | | |
| Pending Final Decision for less than 30 FDA days (%) | 0 (0%) | | | | |
| Pending Final Decision for more than 30 FDA days (%) | 0 (0%) | | | | |
| Current Performance: Third Party Submissions that received MDUFA IV Final Decisions (SE or NSE) within 30 FDA Days (%) | 50% | | | | |
| Average Holds | | | | | |
| Third Party Submission with a Final Decision | 7 | | | | |
| Total # Requests for Additional Information (Holds) | 5 | | | | |
| Average # Requests for Additional Information per Submission | 0.71 | | | | |
| Third Party Recommendation and Final Decision Agreement | | | | | |
| Third Party Submissions with a Final Decision | 7 | | | | |
| Third Party SE Recommendations | 7 | | | | |
| Third Party NSE Recommendations | 0 | | | | |
| Third Party SE Recommendations with a Final Decision | 7 | | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 5 | | | | |
| NSE | 1 | | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 0 | | | | |
| Deleted | 1 | | | | |
| Third Party NSE Recommendations with a Final Decision | 0 | | | | |
| MDUFA IV Final Decision | | | | | |
| SE | 0 | | | | |
| NSE | 0 | | | | |
| Non-MDUFA IV Final Decision | | | | | |
| Withdrawn | 0 | | | | |
| Deleted | 0 | | | | |

Table 4.2: Third Party 510(k) MDUFA IV Decision Performance Goals - TUV SUD America Inc. (TUV).

| Performance Metric | FY2018 | FY2019 | FY2020 | FY2021 | FY2022 |
|---|--------|--------|--------|--------|--------|
| Average Initial Third Party Review Time (Calendar Days) | 177 | | | | |
| 25th Percentile Initial Third Party Review Time | 31 | | | | |
| 50th Percentile Initial Third Party Review Time | | | | | |
| 75th Percentile Initial Third Party Review Time | 385 | | | | |
| Maximum Initial Third Party Review Time | 409 | | | | |
| Average Third Party Hold Time (Calendar Days) | 101 | | | | |
| 25th Percentile Third Party Hold Time | 0 | | | | |
| 50th Percentile Third Party Hold Time | 69 | | | | |
| 75th Percentile Third Party Hold Time | 122 | | | | |
| Maximum Third Party Hold Time | 341 | | | | |
| Average Total Third Party Review Time (Calendar Days) | 277 | | | | |
| 25th Percentile Total Third Party Review Time | 42 | | | | |
| 50th Percentile Total Third Party Review Time | 276 | | | | |
| 75th Percentile Total Third Party Review Time | 502 | | | | |
| Maximum Total Third Party Review Time | 531 | | | | |
| Average Total FDA Review Time (Calendar Days) | 46 | | | | |
| 25th Percentile Total FDA Review Time | 23 | | | | |
| 50th Percentile Total FDA Review Time | 34 | | | | |
| 75th Percentile Total FDA Review Time | 75 | | | | |
| Maximum Total FDA Review Time | 88 | | | | |
| Average Total Time to Decision from FDA Receipt (Calendar Days) | 146 | | | | |
| 25th Percentile Total TTD from FDA Receipt | 23 | | | | |
| 50th Percentile Total TTD from FDA Receipt | 103 | | | | |
| 75th Percentile Total TTD from FDA Receipt | 210 | | | | |
| Maximum Total TTD from FDA Receipt | 416 | | | | |
| Average Total Time to Decision from Third Party Receipt (Calendar Days) | 322 | | | | |
| 25th Percentile Total TTD from Third Party Receipt | 72 | | | | |
| 50th Percentile Total TTD from Third Party Receipt | 314 | | | | |
| 75th Percentile Total TTD from Third Party Receipt | 562 | | | | |
| Maximum Total TTD from Third Party Receipt | 619 | | | | |

Change Log

| Date | Description |
|------------------|--|
| 2018-January | Initial Report |
| 2018-October | Added new 3PRO - ADAS |
| 2018-October | Added boxplot legend |
| 2019-January | Added new 3PRO - BDC |
| 2019-January | Updated timeline graphic |
| 2019-January | Added reporting by Fiscal Year and plots for individual 3PROs |
| 2019-February-14 | Process change for new second hold policy requiring concurrence from the 510(k) Third Party FDA staff. This change may affect Average Holds and the rate of NSE decisions. |
| 2019-April | Added cumulative submission count graph |
| 2019-April | Clarified definitions to state reporting is for MDUFA decisions (SE or NSE) |