

# EVMS Test Metric Specification

1. **GUIDELINE NO:**  
06

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2. **TEST METRIC ID:**  
06A504a

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3. **TEST TYPE:**  
Automated

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4. **ATTRIBUTE/INTENT DEFINITION:**  
06A5: The schedule provides baseline, forecast, and actual dates.

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5. **TEST DEFINITION:**  
Are actual start dates changed after first reported?

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6. **TEST METRIC:**  
X = Count of tasks/activities & milestones where actual start date does not equal  
previously reported actual start date  
Y = Total count of tasks/activities & milestones with actual start dates

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7. **METRIC THRESHOLD:**  
 $X/Y \leq 10\%$ 

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8. **DATA ELEMENTS REQUIRED:**  
11 Integrated Master Schedule (Two Consecutive Months)  
    11C Actual Start Date  
    11D Actual Start Date (Prior Month)  
    11AM Task/Milestone UIDs  
45 IMS Data Dictionary

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9. **ASSUMPTIONS:**
  1. Task/activity & milestone UIDs must be consistent across months.
  2. Summary tasks/activities are not included.

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10. **INSTRUCTIONS:**
  1. Identify and count the total number of tasks/activities & milestones with an actual start date in the previous month IMS; this is the denominator (Y) of the test metric.
  2. For each task/activity & milestone in the previous month's IMS with an actual start date, compare the actual start date from the current month's IMS to the actual start date from the previous month's IMS.
  3. Identify and count the number of tasks/activities & milestones where the actual start dates are different between the previous and current month; this is the numerator (X) of the test metric.
  4. Calculate the test metric (Block 7): X divided by Y.
  5. Use block 7 as an indicator in the overall Risk Assessment to determine if further evaluation is warranted.

**11. CONFIGURATION SUMMARY:**

| <i>Rev Number</i> | <i>Detailed Description of Change</i>                                                                                                                                                                                                                                                                                 | <i>Sections Affected</i> | <i>Spec Sheet Date</i> |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|
| v1.0              | Initial CCB                                                                                                                                                                                                                                                                                                           |                          | 12/02/2015             |
| v2.0              | CCB - validated                                                                                                                                                                                                                                                                                                       |                          | 4/20/2016              |
| v2.1              | Integration – updated data elements                                                                                                                                                                                                                                                                                   |                          | 9/13/2016              |
| RED               | Minor change submitted to CCB                                                                                                                                                                                                                                                                                         |                          | 2/28/2017              |
| v3.0              | Minor changes accepted by CCB                                                                                                                                                                                                                                                                                         |                          | 3/23/2017              |
| v3.1              | Removed Block 4 (Frequency)                                                                                                                                                                                                                                                                                           |                          | 12/19/2018             |
| v3.2              | Updated Data Elements & Assumptions for requiring consecutive months for IMS                                                                                                                                                                                                                                          |                          | 2/21/2019              |
| v3.3              | No changes – updated to v3.3                                                                                                                                                                                                                                                                                          |                          | 5/24/2019              |
| v3.4              | No changes – updated to v3.4                                                                                                                                                                                                                                                                                          |                          | 8/31/2019              |
| v3.5              | No changes – updated to v3.5                                                                                                                                                                                                                                                                                          |                          | 2/22/2020              |
| v3.6              | No changes – updated to v3.6                                                                                                                                                                                                                                                                                          |                          | 8/30/2020              |
| v3.6.1            | Added "activities" and "& milestones" in block 11 and 12                                                                                                                                                                                                                                                              |                          | 11/02/2020             |
| v4.0              | Changed Metric Template to delete old blocks 4, 9, 13, & 14 & updated block numbering & wording. Removed Pass/Fail verbiage to allow assessment of test results case by case. Added data element 45 to supplement artifact 11. Added asm 2 in blk 9 to clarify summary tasks/activities are not included in the test. | 8, 9, 10                 | 3/05/2021              |
| v5.0              | No changes – updated to v5.0                                                                                                                                                                                                                                                                                          |                          | 12/13/2021             |
| v6.0              | Update layout for Section 508 Accessibility Compliance                                                                                                                                                                                                                                                                |                          | 12/02/2022             |
| V7.0              | Update layout for Section 508 Accessibility Compliance                                                                                                                                                                                                                                                                |                          | 12/06/2024             |
| v8.0              | No changes - updated to v8.0                                                                                                                                                                                                                                                                                          |                          | 8/21/2025              |