

EVMS Test Metric Specification

1. **GUIDELINE NO:**
06

2. **TEST METRIC ID:**
06A504b

3. **TEST TYPE:**
Automate

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

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

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

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

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

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

10. **INSTRUCTIONS:**
 1. Identify and count the total number of tasks/activities & milestones with an actual finish date in the previous month's 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 finish date, compare the actual finish date from the current month's IMS to the actual finish date from the previous month's IMS.
 3. Identify and count the number of tasks/activities & milestones where the actual finish 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