

EVMS Test Metric Specification

1. **GUIDELINE NO:**
06

2. **TEST METRIC ID:**
06A506a

3. **TEST TYPE:**
Automated

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

5. **TEST DEFINITION:**
Are actual start and actual finish dates valid for all tasks/activities & milestones in the IMS?

6. **TEST METRIC:**
X = Count of tasks/activities & milestones with either actual start or actual finish after status date
Y = Total count of tasks/activities & milestones with an actual start date

7. **METRIC THRESHOLD:**
 $X/Y \leq 5\%$

8. **DATA ELEMENTS REQUIRED:**
11 Integrated Master Schedule
 11A Actual Finish Date
 11C Actual Start Date
 11AG Status Date
 11AM Task/Activities/Milestone UIDs
45 IMS Data Dictionary

9. **ASSUMPTIONS:**
 1. A task/activity or milestone where both actual start and actual finish dates are after the status date is only counted as a single deficiency.

10. **INSTRUCTIONS:**
 1. Identify and count all tasks/activities & milestones in the IMS with an actual start date; this is the denominator (Y) of the metric.
 2. Identify the status date of the IMS.
 3. Identify and count all tasks/activities & milestones with actual start dates after the status date, actual finish dates after the status date, or both; this is the numerator (X) of the 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:

Rev Number	Detailed Description of Change	Sections Affected	Spec Sheet Date
v1.0	Initial CCB		12/02/2015
v2.0	CCB - validated		4/20/2016
v2.1	Integration – updated data elements		9/13/2016
v3.0	No changes – updated to 3.0		3/23/2017
v3.1	Removed Block 4 (Frequency)		12/19/2018
v3.3	Added actual start date specification in instructions		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
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. Add “task” & “milestone” in blk 9 for DECM consistency and steps clarity. Replace "discrepancy" for "deficiency" to be consistent with the overarching 2303-01	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
v6.0	Update layout for Section 508 Accessibility Compliance		12/06/2024
v8.0	No changes - updated to v8.0		8/21/2025