

EVMS Test Metric Specification

1. **GUIDELINE NO:**
12

2. **TEST METRIC ID:**
12A201a

3. **TEST TYPE:**
Manual

4. **ATTRIBUTE/INTENT DEFINITION:**
12A2: Work packages planned as LOE are separately evaluated from discrete within the control account.

5. **TEST DEFINITION:**
Are LOE WPs separately evaluated from non-LOE WPs within the same control account?

6. **TEST METRIC:**
X = Count of sampled incomplete CAs requiring VARs that have LOE and non-LOE WPs where cost performance of LOE work and cost/schedule performance of non-LOE work is not separately evaluated
Y = Total count of sampled incomplete CAs requiring VARs that have LOE and non-LOE WPs

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

8. **DATA ELEMENTS REQUIRED:**
13 EV Cost Tool Data
 13AA CA UUIDs
 13J BAC for CA
 13Q BCWP_{CUM}
 13AD Cumulative Cost Variance
 13AE Cumulative Schedule Variance
 13AF Current Cost Variance
 13AG Current Schedule Variance
 13AP EVT
 13AY Variance at Complete
15 Internal Variance Analysis Thresholds
 15A Internal variance analysis thresholds
16 VARs
 16A VARs
44 Cost Data Dictionary

9. **ASSUMPTIONS:**
 1. If BAC and BCWP_{CUM} are within \$100 (or 1 hour) and ETC is less than \$100, then the CA is complete.
 2. If costs cannot be separately identified for LOE and non-LOE work for commingled (LOE & non-LOE) control accounts (e.g., through cost collection below the CA level or

through charge numbers segmenting costs for LOE and non-LOE work), then the metric does not apply.

3. With threshold > 0 , the MIL-STD-1916 and ANSI/ASQ Z1.4 Zero Based Sampling Plan does not apply. Chosen sampling methodology must be explained. When appropriate, it is acceptable to test the entire population instead of sampling.
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10. INSTRUCTIONS:

1. Select a sample of incomplete commingled control accounts that require Variance Analysis Reports (VARs); this is the denominator (Y) of the test metric.
2. For each CA identified in Step 1, count the number of CAs that have VARs that do not separately evaluate performance of LOE and non-LOE work; this is the numerator (X) of the test metric.
3. Calculate the test metric (Block 7): X divided by Y.
4. 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 Budgeting CCB	All	1/19/2016
v1.1	Edited and returned for retest		6/22/2016
v2.1	Updated after retest		11/17/2016
v3.0	No changes – updated to 3.0		3/23/2017
v3.1	Updated assumptions, Removed Block 4 (Frequency)		11/28/2018
v3.3	No changes – updated to v3.3		5/24/2019
v3.4	Update: Attribute and Assumptions		8/31/2019
v3.5	Update Assumptions		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. Updated DE in blk 8 for DECM consistency. Added data element 44 to supplement artifact 13. Admin updated numbering oversight in blk 10 step 2. Updated blk 9 asm 3 to align with definition of LOE complete discussed and approved on CCB 1/20/21 to add “and ETC is less than \$100”.	8, 9, 10	3/05/2021
v5.0	Updated language to “non-LOE” to account for WPs that are neither LOE or Discrete.	5,6,9,10	12/13/2021
v6.0	Update layout for Section 508 Accessibility Compliance		12/06/2022
v7.0	Update layout for Section 508 Accessibility Compliance		12/06/2024
v8.0	No changes - updated to v8.0		8/21/2025