

EVMS Test Metric Specification

1. **GUIDELINE NO:**
09

2. **TEST METRIC ID:**
09A103a

3. **TEST TYPE:**
Automated

4. **ATTRIBUTE/INTENT DEFINITION:**
09A1: Work authorization process/documentation identifies work scope description, budgets segregated by elements of cost (i.e., direct labor dollars/hours, material dollars, subcontract dollars, and other direct costs), and period of performance for the authorized effort.

5. **TEST DEFINITION:**
Are elements of cost defined/identified for each control account?

6. **TEST METRIC:**
X = Sum of BAC for incomplete CAs with budgets that cannot be segregated by element of cost
Y = Total BAC of incomplete CAs

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

8. **DATA ELEMENTS REQUIRED:**
13 EV Cost Tool Data
 13AA CA UUIDs
 13H BAC
 13Q BCWPCUM
 13AJ Element of Cost
44 Cost Data Dictionary

9. **ASSUMPTIONS:**
 1. If the element of cost segregation is at a level lower than the CA, any EOC missing at the lower level trips the CA.
 2. Not Segregated by element of cost includes both cost with an unassigned EOC and control accounts where BAC total cost does not equal the sum of the BAC elements of cost.

10. **INSTRUCTIONS:**
 1. Sum the total BAC for incomplete CAs; this is the denominator (Y) of the test metric. If BAC and BCWPCUM are within \$100 (or 1 hour), then CA is complete.
 2. Identify any incomplete CAs with budgets not segregated by element of cost, and sum the BAC of those CAs; 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
v2.0	CCB - validated		5/17/2016
v2.1	Integration – updated data elements		9/13/2016
RED	Major change submitted to CCB		2/28/2017
v3.0	Major changes accepted by CCB		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. Admin update to capitalize “Cost Tool”. Added “data” for DECM consistency. Updated blk 8 for DECM consistency & added data element 44 to supplement artifact 13. Added “or” blk 9 to correct oversight.	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 Assumptions Update layout for Section 508 Accessibility Compliance		12/06/2024
v8.0	Clarify missing EOC in assumptions. Moved rounding Assumption 1 to instructions Step 1	9, 10	09/22/2025