

EVMS Test Metric Specification

1. **GUIDELINE NO:**
05

2. **TEST METRIC ID:**
05A101a

3. **TEST TYPE:**
Automated

4. **ATTRIBUTE/INTENT DEFINITION:**
05A1: Each control account is assigned to a single organizational element directly responsible for the work identifiable to a single element of the WBS. One or more control accounts are visible at the intersection of the WBS and responsible organizational structure.

5. **TEST DEFINITION:**
Does each control account have exactly one responsible organizational element assigned?

6. **TEST METRIC:**
X = Count of CAs with more than one OBS element or no OBS elements assigned
Y = Total count of CAs

7. **METRIC THRESHOLD:**
X/Y=0%

8. **DATA ELEMENTS REQUIRED:**
07 Contractor OBS
 07A OBS Elements
13 EV Cost Tool Data
 13AA Control Account UIDs
 13AS OBS Elements
44 Cost Data Dictionary

9. **ASSUMPTIONS:**
 1. Analysis is based on current month in EV Cost Tool data only.

10. **INSTRUCTIONS:**
 1. Count the number of unique control accounts in the EV Cost Tool data; this is the denominator (Y) of the test metric.
 2. From the list of CAs from step 1:
 - a. When the EV Cost Tool data OBS elements are only provided at the CA level, count the CAs with more than one OBS element or no OBS elements assigned.
 - b. When the EV Cost Tool data OBS elements are provided at the work package (WP) level, count the CAs that meet one or more of the below conditions.
 - WPs under a CA do not have matching OBS elements; more than one OBS condition check.
 - OBS element is not consistently applied (e.g., some WP OBS elements are populated, and others are not); more than one OBS condition check
 - No WP under a CA have assigned OBS elements; no OBS condition check.

- c. When the EV Cost Tool data OBS elements are provided separately at both the CA level and WP level, count the CAs where OBS element is not consistently applied (i.e., OBS elements do not match between levels)
3. Add the results of steps 2a, 2b, and 2c as applicable, not counting any duplicative CA UIDs between the three sets; 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		11/19/2015
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	Minor changes, remove frequency		12/19/2018
v3.3	No changes – updated to v3.3		5/24/2019
v3.4	Update Attribute		8/31/2019
v3.5	Update: Assumptions and Instructions		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 44 to supplement artifact 13. Corrected capitalization for consistency.	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