

1/23/2022 2:50:32 AM

# Compare Results

Old File:

**27.05.01 v03.pdf**

**1 page (102 KB)**

1/22/2022 4:53:58 PM

versus

New File:

**J.02.03 - 27.05.01 v04.pdf**

**1 page (129 KB)**

1/23/2022 1:56:35 AM

## Total Changes

28

## Content

13 Replacements  
9 Insertions  
6 Deletions

## Styling and Annotations

0 Styling  
0 Annotations

[Go to First Change \(page 1\)](#)

# DOE EVMS Metric Specification



1. Process Category	2. Metric ID (new, old)	3. Method	4. Frequency
J	J.02.03 (27.05.01) (181)	automated/manual verification	quarterly

## 5. Attribute

Risk Integration

## 6. Metric Intent

This metric confirms that the PM's EACs (worst, most likely, and best cases) are reconcilable with cost data reported to the government. The metric identifies where the most likely EAC value from IPMR F1, block 6c does not match the IPMR EAC value from the IPMR F1 Column 15e.

## 7. Metric Short Description

most likely EAC unsubstantiated

## 8. Metric

X =

1. IPMR F1 most likely EAC <> EVMS cost tool EAC for project,
2. IPMR F1 EACs are not risk based, or
3. IPMR F5 does not address difference between IPMR F1 most likely EAC and EVMS cost tool EAC for project.

N/A

9. Max. Threshold	10. Max. Tolerance	11. Weight
0	1000	2.8

## 12. Needed Artifacts and Data Elements

X artifact(s)	FF data elements
FF03_{cost}	FF03_{cost}_{[D]}_WBS
FF07_{IPMR_header}	FF03_{cost}_{[G]}_WBS_type
FF14_{CAM_VAR}	FF03_{cost}_{[M]}_ACWPc
FF18_{IPMR_F5}	FF03_{cost}_{[N]}_ETCc
IPMR F5	FF07_{IPMR_header}_{[X]}_F1_6_c_EAC_likely
	FF07_{IPMR_header}_{[AC]}_F1_8_d_UB_bgt
	FF14_{CAM_VAR}_{[J]}_VAC_narrative
	FF18_{IPMR_F5}_{[C]}_F5_narrative_type
	FF18_{IPMR_F5}_{[D]}_F5_narrative_text

## 13. Assumptions

## 14. Instructions

Determine X items, a subset of Y, based on the following.

Identify FF03\_{cost}\_{[D]}\_WBS and, if identified, with the following characteristics.

- FF03\_{cost}\_{[G]}\_WBS\_type = WP or PP

Sum flagged items based on the following operation(s).

- FF03\_{cost}\_{[M]}\_ACWPc + FF03\_{cost}\_{[N]}\_ETCc + FF07\_{IPMR\_header}\_{[AC]}\_F1\_8\_d\_UB\_bgt <> FF07\_{IPMR\_header}\_{[X]}\_F1\_6\_c\_EAC\_likely

Conduct the following manual operation(s).

- If flagged,
  1. EAC is not risk based, or
  2. Difference is not discussed in FF14\_{CAM\_VAR}\_{[J]}\_VAC\_narrative and FF18\_{IPMR\_F5}\_{[D]}\_F5\_narrative\_text where FF18\_{IPMR\_F5}\_{[C]}\_F5\_narrative\_type = EAC.

Determine if X or X/Y exceeds the threshold.

## 15. Reference(s)

Page 44, Typical Attribute(s): "EAC results are communicated to the customer in internal reports and in funding documents."

## 16. Revision Block

rev. no.	description of change and sections affected	date prepared	prepared by	date approved	approved by
V04.00	Updated for release. See track changes.	2022-01-21	PM-30	2022-01-21	Melvin Frank
V03.00	Updated for release. See itemized revision list.	2020-02-10	PM-30	2020-02-10	Melvin Frank
V02.00	Updated for release. None.	2019-07-31	PM-30	2019-07-31	Melvin Frank
V01.01	Updated through 2019-03-13. Minor corrections.	2019-03-13	PM-30	2019-03-14	Melvin Frank
V01.00	Updated for release. All.	2019-01-31	PM-30	2019-01-31	Melvin Frank