

1/23/2022 11:14:14 AM

Compare Results

Old File:

27.01.01 v03.pdf

1 page (103 KB)

1/22/2022 4:52:02 PM

versus

New File:

F.05.01 - 27.01.01 v04.pdf

1 page (128 KB)

1/23/2022 1:32:58 AM

Total Changes

23

Content

10 Replacements

8 Insertions

5 Deletions

Styling and Annotations

0 Styling

0 Annotations

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DOE EVMS Metric Specification



1. Process Category	2. Metric ID (new, old)	3. Method	4. Frequency
F	F.05.01 (27.01.01) (133)	automated	monthly

5. Attribute

Estimates at Completion (EAC)

6. Metric Intent

This metric confirms that estimates of costs at completion are generated with sufficient frequency to provide identification of future cost problems in time for possible corrective or preventive actions. This metric identifies the count of occurrences for selected CAs where the ACWPc value > EAC value.

7. Metric Short Description

EAC < ACWPc

8. Metric

X = Number of CA WBSs in the EVMS cost tool, where EVMS cost tool or IPMR F1 EAC < EVMS cost tool ACWPc.

Y = Number of CA WBSs in the EVMS cost tool.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0	1	2.6

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF03_{cost}	FF03_{cost} FF08_{IPMR_F1}	FF03_{cost}_{[D]}_WBS FF03_{cost}_{[G]}_WBS_type FF03_{cost}_{[M]}_ACWPc FF03_{cost}_{[N]}_ETCc FF08_{IPMR_F1}_{[K]}_EAC

13. Assumptions

14. Instructions

Determine Y items based on the following.

Count FF03_{cost}_{[D]}_WBS items and, if identified, with the following characteristics.

- FF03_{cost}_{[G]}_WBS_type = CA

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

Identify FF03_{cost}_{[D]}_WBS and, if identified, with the following characteristics.

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

- FF03_{cost}_{[M]}_ACWPc > FF03_{cost}_{[M]}_ACWPc + FF03_{cost}_{[N]}_ETCc
OR
FF03_{cost}_{[M]}_ACWPc > FF08_{IPMR_F1}_{[K]}_EAC

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 43, Intent: "The control account managers are responsible for maintaining the control account level latest revised estimate to complete that is assessed on a monthly basis. Periodically, a comprehensive or bottom-up estimate at completion should be prepared using all available information to arrive at the best possible estimate at completion."

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