

1/23/2022 11:18:06 AM

Compare Results

Old File:

25.01.02 v03.pdf

2 pages (106 KB)

1/22/2022 4:44:23 PM

versus

New File:

F.03.02 - 25.01.02 v04.pdf

2 pages (132 KB)

1/23/2022 1:27:27 AM

Total Changes

26

Content

12 Replacements

9 Insertions

4 Deletions

Styling and Annotations

1 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
F	F.03.02 (25.01.02) (128)	automated	quarterly

5. Attribute

Performance Measurement Information

6. Metric Intent

This metric confirms that performance measurement data is summarized through the project organization and WBS to support management needs and client reporting requirements. The metric identifies the count of differences between the total dollar values for current and cumulative period BCWS, BCWP, ACWP, BAC, or EAC in the cost system and the total dollar values of the current and cumulative period BCWS, BCWP, ACWP, BAC, or EAC in the IPMR F1.

7. Metric Short Description

EVMS cost tool <> IPMR F1 project BCWSi, BCWPI, ACWPI

8. Metric

X = \$ total of project in the EVMS cost tool, where EVMS cost tool BCWSi, BCWPI, ACWPI, BCWSc, BCWPC, ACWPC, DB, or EACc <> IPMR F1 BCWSi, BCWPI, ACWPI, BCWSc, BCWPC, ACWPC, DB, or EACc.

N/A

9. Max. Threshold	10. Max. Tolerance	11. Weight
0	1000	2.1

12. Needed Artifacts and Data Elements

X artifact(s)

FF03_{cost}
FF08_{IPMR_F1}

FF data elements

FF03_{cost}_{[B]}_CPP_status_date
FF03_{cost}_{[C]}_period_date
FF03_{cost}_{[K]}_inc_BCWS_dollars
FF03_{cost}_{[K]}_BCWSc
FF03_{cost}_{[K]}_DB
FF03_{cost}_{[L]}_inc_BCWP_dollars
FF03_{cost}_{[L]}_BCWPC
FF03_{cost}_{[M]}_inc_ACWP_dollars
FF03_{cost}_{[M]}_ACWPC
FF03_{cost}_{[N]}_ETCc
FF08_{IPMR_F1}_{[B]}_CPP_status_date
FF08_{IPMR_F1}_{[D]}_inc_BCWS
FF08_{IPMR_F1}_{[E]}_inc_BCWP
FF08_{IPMR_F1}_{[F]}_inc_ACWP
FF08_{IPMR_F1}_{[G]}_cum_BCWS
FF08_{IPMR_F1}_{[H]}_cum_BCWP
FF08_{IPMR_F1}_{[I]}_cum_ACWP
FF08_{IPMR_F1}_{[J]}_BAC
FF08_{IPMR_F1}_{[K]}_EAC

13. Assumptions

14. Instructions

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

Identify FF03_{cost}_{[B]}_CPP_status_date, FF08_{IPMR_F1}_{[B]}_CPP_status_date and, if identified, with the following characteristics.

- FF03_{cost}_{[B]}_CPP_status_date = FF03_{cost}_{[C]}_period_date for incremental operation

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

- FF03_{cost}_{[K]}_inc_BCWS_dollars <> FF08_{IPMR_F1}_{[D]}_inc_BCWS
OR
FF03_{cost}_{[L]}_inc_BCWP_dollars <> FF08_{IPMR_F1}_{[E]}_inc_BCWP
OR
FF03_{cost}_{[M]}_inc_ACWP_dollars <> FF08_{IPMR_F1}_{[F]}_inc_ACWP
OR
FF03_{cost}_{[K]}_BCWSc <> FF08_{IPMR_F1}_{[G]}_cum_BCWS
OR
FF03_{cost}_{[L]}_BCWPC <> FF08_{IPMR_F1}_{[H]}_cum_BCWP
OR
FF03_{cost}_{[M]}_ACWPC <> FF08_{IPMR_F1}_{[I]}_cum_ACWP
OR
FF03_{cost}_{[K]}_DB <> FF08_{IPMR_F1}_{[J]}_BAC
OR
FF03_{cost}_{[M]}_ACWPC + FF03_{cost}_{[N]}_ETCc <> FF08_{IPMR_F1}_{[K]}_EAC

Determine if X or X/Y exceeds the threshold.

1. Reference(s)

Page 41, Intent: "Since the WBS and the OBS exist as a formal and disciplined framework for project management and also provide a formal structure for the comprehensive roll-up of all data elements, they become the ideal framework for summarizing data from the control account level to the management reporting level. Summarizing performance information assists senior levels of management to focus on the significant problems that require their intervention."

Page 41, Typical Attribute(s): "Schedule and cost performance reports.

- Schedule variance, cost variance, and variance at completion from control account up through WBS/OBS reporting structure hierarchy to total program level.
- Management action plans. Corrective action plan/mitigation plan, task, milestones, exit criteria, and schedules."

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. Re-ID'ed from 25.01.03 to 25.01.02.	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