**EARNED VALUE MANAGEMENT**

**‘GOLD CARD’**

![Diagram](image)

**ACRONYMS**

- **ACWP** Actual Cost of Work Performed
- **ALUW** Authorized Unpriced Work
- **BAC** Budget At Completion
- **BCWP** Budgeted Cost for Work Performed
- **CA** Control Account
- **CBB** Contract Budget Base
- **CE** Estimate to Complete
- **CV** Cost Variance
- **EAC** Estimate At Completion
- **EVM** Estimating and Measuring
- **ETC** Estimate for Work Remaining
- **EVM CoP** EVM Compliance Process
- **FTE** Full-Time Equivalent
- **MTB** Milestone Tracking Baseline
- **NCC** Negotiated Contract Cost
- **PAC** Price At Completion
- **PMB** Planning Package
- **PP** Work Package
- **RAC** Reimbursable Allowance Category
- **RACP** Reimbursable Allowance Category List
- **SCWP** Spent Cost for Work Performed
- **TCPI** To Complete Performance Index
- **VAC** Variance at Completion
- **WAC** Work Authorizing Cost

**VARIANCES**

- **Cost Variance** $CV = BCWP - ACWP$
- **Schedule Variance** $SV = BCWS - BAC$
- **Variance at Completion** $VAC = BAC - EAC$

**OVERALL STATUS**

- **Cost Variance %** $CV\% = \frac{(CV \times BCWP)}{100}$
- **Schedule Variance %** $SV\% = \frac{(SV \times BCWS)}{100}$
- **Variance at Completion %** $VAC\% = \frac{(VAC \times BAC)}{100}$

**EFICIENCIES**

- **Cost Efficiency** $CPI = BCWP / ACWP$
- **Schedule Efficiency** $SPI = BCWS / BAC$

**SCHEDULE METRICS (Selected)**

- **BEI** = Total Tasks Completed / Total Tasks with Baseline Finish On or Prior to Current Report Period + Tasks without baseline finish dates
- **Hit Task %** = 100 * (Tasks in Denominator that Completed On or Before Baseline Finish / Tasks Baselined to Finish within Current Report Period)

**ESTIMATE @ COMPLETION**

- $EAC_{SPI} = ACWP_{Cum} + ((BAC - BCWP_{Cum}) / CPI_{Cum})$
- $EAC_{Composite} = ACWP_{Cum} + ((BAC - BCWP_{Cum}) / CPI_{Cum} + SPI_{Cum})$

**TO COMPLETE PERFORMANCE INDEX (TCPI)**

- **TCPI** = Work Remaining / Cost Remaining = $(BAC - BCWP_{Cum}) / (Target - ACWP_{Cum})$
- **Hit Task %** = 100 * (Tasks in Denominator that Completed On or Before Baseline Finish / Tasks Baselined to Finish within Current Report Period)

**EVM POLICY:**

EVM in accordance with EIA-748 is required for cost or incentive contracts, subcontracts, intra-government work agreements, & other agreements valued > $20M (FY $).

Refer to the IPM DAR Implementation Guide for IPM DAR Tailoring Guidance.

**DoD’s EVM CONTRACTING REQUIREMENTS:**

- [DFARS CLAUSES](https://www.fdsys.gov/CFR/VolumeSection/1552.203-7002)
- [Integrated Program Mgmt Data and Analysis Report DI-MGMT-81861](https://www.dau.edu/cop/evm)

**EVM CoP:** [https://www.dau.edu/cop/evm](https://www.dau.edu/cop/evm)

eMail Address: EVM.dau@dau.edu

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