

Metrics for Dummies!

Criteria for inclusion in the metrics:

- Only MILCON contracts that are in both RMS and P2
- The metrics do not distinguish between design-build and design-bid-build type contracts.
- When a project is executed through more than one contract, the earliest **NTP** date and the latest **Construction Completion** or **BOD** are used, unless otherwise specified in P2 through the use of primary milestones.
 - When a project is executed through more than one contract, **primary** milestones, **NTP, Construction Completion and BOD**, may be specified in P2
 - Primary milestones need not be on the same contract.
- The metrics measure ongoing projects only. Ongoing is defined for each metric as follows:
 - MP-06, -07: Projects that have an actual (primary) NTP and do not have an actual (primary) Construction completion date
 - MP-08, -09: Projects that have an actual (primary) NTP and do not have an actual (primary) BOD
 - MP-10: Projects that have an actual BOD on all contracts and do not have an actual fiscal completion date in P2
- Similar measurements are applied to completed projects *for information only*
 - Completed projects are considered in a rolling 12-month window based on actual dates, as noted above, within the last 4 quarters.
- The metrics are calculated after an individual analysis of each of the applicable projects meeting the criteria noted above

MP06 - Construction Project Cost Growth

Is the project's current cost of construction within 5% of the awarded contract amount?

This metric compares the current contract amount (award + all changes) to the contract award amount, including exercised options. When a project is executed through more than one contract, the cost/cost growth of all associated contracts is summed. To remain within the target, the project cost growth must be less than or equal to 5%.

- For each P2 project, calculate the cost growth using the sum of the cost of all of the included contracts:

Numerator: Total current contract amount

Denominator: Original award amount + Options exercised after award

- After analysis of each P2 project, then the metric is calculated:

Numerator: Total number of projects with Cost Growth less than or equal to 5%

Denominator: Total number of ongoing projects

Green $\geq 95\%$; **Amber** $\geq 85\%$ to $< 95\%$; **Red** $< 85\%$

MP-07 – Construction Project Time Growth

Is the project's scheduled construction completion within 10% of the original contract duration?

This metric compares the scheduled construction completion date (substantial completion) to the original contract-required completion date, including exercised options. When a project is executed through more than one contract, the PM needs to identify in P2 a primary NTP date, and a primary construction completion date. If primary milestones are not identified, the default is the earliest contract NTP and the latest contract construction completion date. To remain within the target, the project time growth must be less than or equal to 10%.

- For each P2 project, calculate the time growth using the “primary” dates of the included contracts:

Numerator: Scheduled Construction completion (substantial completion) date – Actual NTP date

Denominator: (Original construction completion date at time of award + Options exercised after award) – Actual NTP date

- After analysis of each P2 project, then the metric is calculated:

Numerator: Total number of projects with Time Growth less than or equal to 10%

Denominator: Total number of ongoing projects

Green $\geq 95\%$; **Amber** $\geq 85\%$ to $< 95\%$; **Red** $< 85\%$

MP-08 – Project Beneficial Occupancy Date (BOD) Time Growth

Is the project's scheduled BOD within 10% of the original BOD?

This metric compares the scheduled BOD to the original BOD. When a project is executed through more than one contract, the PM needs to identify in P2 a primary NTP date, and a primary BOD date. If primary milestones are not identified, the default is the earliest contract NTP and the latest contract BOD. To remain within the target, the scheduled BOD cannot be greater than the original BOD by more than 10%.

- For each P2 project, calculate the BOD growth using the “primary” dates of the included contracts:

Numerator: Scheduled Primary BOD – Actual Primary NTP

Denominator: Actual Primary Original BOD – Actual Primary NTP

- After analysis of each P2 project, then the metric is calculated:

Numerator: Total number of projects with BOD Time Growth less than or equal to 10%

Denominator: Total number of ongoing projects

Green >= 95%; **Amber** >= 85% to < 95%; **Red** < 85%

MP-09 – Project Construction Timeline

Is the project's overall delivery schedule within the timeline guidelines based on the PA amount?

This metric compares the scheduled total time to construct and deliver projects to target parameters, from NTP to BOD; and applies to design-build as well as design-bid-build contracts. When a project is executed through more than one contract, the PM needs to identify in P2 a primary NTP date and a primary contract for the BOD dates. If primary milestones are not identified, the default is the earliest contract NTP and the latest contract BOD. The target construction timelines are:

	CONUS	OCONUS
PA less than \$5M	365 days	455 days
PA greater than or equal to \$5M and \$20M	540 days	630 days
PA greater than or equal to \$20M	730 days	820 days

- For each P2 project, calculate the construction duration using the “primary” dates of the included contracts:

Scheduled Primary BOD – Actual Primary NTP

- After analysis of each P2 project, then the metric is calculated:

Numerator: Total number of projects less than or equal to the target timeline

Denominator: Total number of ongoing projects

Green $\geq 95\%$; **Amber** $\geq 85\%$ to $< 95\%$; **Red** $< 85\%$

MP-10 – Project Financial Closeout

Is the project's scheduled fiscal closeout within 12/15 months of BOD?

This metric compares the scheduled time to financially closeout a project to target parameters. The target to financially close out all MILCON projects is 12 months (365 days) for CONUS and 15 months (450 days) for OCONUS from actual BOD. When a project is executed through more than one contract, the metric is based on the latest BOD of all associated contracts. Contracts/projects may be temporarily excluded from the metric through the use of RMS delay codes F1, F2, F3, F4, F5, F6, F7, FC, FF, FG and T7.

- For each P2 project, calculate the time to closeout using the latest BOD of the included contracts:

Scheduled Project financial closeout date – Actual Latest BOD

- After analysis of each P2 project, then the metric is calculated:

Numerator: Total number of projects with financial closeout duration less than or equal to the target duration (CONUS – 12 months, OCONUS - 15 months)

Denominator: Total number of ongoing projects

Green $\geq 90\%$; **Amber** $\geq 80\%$ to $< 90\%$; **Red** $< 80\%$