



Facilities Division | Facilities Enterprise Analytics | PRV Calculation Definition  
(Methodology Documentation)

**Subject:** Facilities Enterprise Analytics | PRV Calculation Definition (Methodology Documentation)

**Document Link:** <https://facilities.health.mil/Repository/getFile/15430>

**Reference:**

- DoD 7000.14 – R – Department of Defense Financial Management Resolution Volume 2B: “Budget Formation and Presentation (Chapters 4-19)” – Chapter 8, page 8-6.
- DMLSS-FM Source of Truth (SOT) data
- UFC 3-701-01 DoD Pricing Guide:  
(<https://facilities.health.mil/Repository/Download/19593>)

**Details:**

$$PRV = \sum \left( \begin{array}{l} \text{[Facility Quantity]} \times \text{[Replacement Unit Cost]} \times \text{[Area Cost Factor]} \times \text{[Historical Records} \\ \text{Adjustment]} \times \text{[Planning and Design Factor]} \times \text{[Supervision Inspection and Overhead Factor]} \\ \times \text{[Contingency factor]} \end{array} \right)$$

- 1) Facility Quantity – This is the “Asset Allocation Size Quantity;” the size of the asset allocation listed on the Asset Allocation tab of the facility record in DMLSS-FM.
- 2) Replacement Unit Cost – Based on the FAC of the asset allocation listed on the Asset Allocation tab of the facility record in DMLSS-FM. The lookup between FAC & RUC is derived from DoD Installations and Environment’s Facilities Sustainment Model (FSM).
- 3) Area Cost Factor – Based on the RPSUID associated to the facility. The RPSUID is located in the site module within DMLSS-FM. The lookup between RPSUID & Area Cost Factor is derived from the FSM.
- 4) Historical Records Adjustment – Facilities with one of the following RPA Historic Status Codes are adjusted by a factor of 1.05, otherwise the factor will be 1. This information is not currently housed within DMLSS-FM. A separate list will be maintained within the database.
  - a) ELPA - Eligible for the purposes of a Program Alternative
  - b) NHLC - Contributing Element of a NHL District
  - c) NHLI - Individual National Historic Landmark
  - d) NREC - Contributing Element of NRE District
  - e) NREI - Individual National Register Eligible
  - f) NRLC - Contributing Element of NRL District
  - g) NRLI - Individual National Register Listed
- 5) Planning and Design Factor – Equal to 1.09, except for allocations with the following medical FAC codes, where it is equal to 1.13:
  - a) 5100 - HOSPITAL
  - b) 5302 - MEDICAL LABORATORY
  - c) 5303 - MORGUE
  - d) 5304 - VETERINARY FACILITY
  - e) 5400 - DENTAL FACILITY
  - f) 5500 - DISPENSARY AND CLINIC
  - g) 5501 - AMBULATORY CARE CLINIC
- 6) Supervision Inspection and Overhead Factor – Equal to 1.06 for all CONUS assets and 1.065 for all OCONUS assets.
- 7) Contingency Factor – Equal to 1.05



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**Error Handling:**

- 1) Where no RPSUID can be matched to a facility record, a default of 1 is used as the area cost factor. The SIOH factor will be 1.06, equivalent to a CONUS asset.
- 2) Where the facility quantity exceeds the upper limit for the given FAC code, the area is set to the reset value for that FAC Code, as defined by the FSM. Assets confirmed to exceed the upper limit are not subject to the reset value.

**How to find the Analytics Report:**

- 1) Go to [www.facilities.health.mil](http://www.facilities.health.mil)
- 2) Select the “Analytics” icon.



- 3) Select the “PRV” icon.