Measurement Information Specification
Change Request Status
Version 3.0

Information Need Description	
Information Need	
Questions Addressed	How many change requests have impacted the product? Are change requests being implemented at a sufficient rate to meet the schedule? Is the trend of new change requests decreasing as the project nears completion?
Information Category	Schedule and Progress
Description	The Change Request Status measure counts the total number of change requests that affect a product. The measure provides an indication of the amount of rework that has been performed or will be required. This measure only identifies the number of changes; it does not report on the functional impact of changes or the amount of effort required to implement them.

Measurable Concept	
Measurable Concept	Work Unit Progress

Entities and Attributes	
Relevant Entities	
Attributes	

Base Measure Specification	
Base Measures	• Number of change requests generated • Number of change requests resolved
Measurement Methods	
Type of Method	
Scale	
Type of Scale	
Unit of Measurement	
Categorization	• Increment • Priority • Change classification (defect correction, enhancement) • Valid/Invalid • Submitted/Approved
Typical Aggregation Structure	• Function • Component

Typically Collected for Each	• Specification (system, requirement, design) • CI
Count Actuals Based on	• Change Request Approval • Change Request Implemented • Change Request Integrated • Change Request Tested

Derived Measure Specification

Derived Measure	
Measurement Function	

Indicator Specification

Indicator Description and Sample	
Analysis Model	
Decision Criteria	
Indicator Interpretation	

Data Collection Procedure (for each Base Measure)
Complete this section for each base measure listed on the previous page.

Frequency of Data Collection	
Responsible Individual	
Phase or Activity in which Collected	
Tools Used in Data Collection	
Verification and Validation	
Repository for Collected Data	

Data Analysis Procedure (for each Indicator)

Frequency of Data Reporting	
Responsible Individual	

Phase or Activity in which Analyzed	
Source of Data for Analysis	
Tools Used in Analysis	
Review, Report, or User	

Additional Information	
Additional Analysis Guidance	
Implementation Considerations	
Project Application	• Applicable to all sizes and types of projects. • Often used on operations and maintenance programs.
Process integration	• Data should be available from most projects that put Change Requests under configuration control. • Often used on projects where the requirements evolve throughout the life cycle.
Usually Applied During	• Requirements Analysis (Actuals) • Design (Actuals) • Implementation (Actuals) • Integration and Test (Actuals) • Operations and Maintenance (Actuals)
Alternatives Include	• Enhancements • Corrective Action Reports • Engineering Change Proposals