

COCOMO II - Constructive Cost Model

Monte Carlo Risk Off

Auto Calculate On

Software Size

Sizing MethodFunction Points

UnadjustedFunction Points66LanguageC

Software Scale Drivers

PrecedentednessHighArchitecture / Risk ResolutionVery HighProcess MaturityNominal

Development FlexibilityNominalTeam CohesionVery High

Software Cost Drivers

Product

Required Software ReliabilityLowData Base SizeNominalProduct ComplexityNominalDeveloped for ReusabilityNominalDocumentation Match to Lifecycle NeedsNominal

Personnel

Analyst CapabilityHighProgrammer CapabilityHighPersonnel ContinuityVery HighApplication ExperienceVery LowPlatform ExperienceNominalLanguage and Toolset ExperienceHigh

Platform

Time ConstraintNominalStorage ConstraintNominalPlatform VolatilityLow

Project

Use of Software ToolsVery HighMultisite DevelopmentHighRequired Development ScheduleNominal

MaintenanceOff

Software Labor Rates

Cost per Person-Month (Dollars)0

Results

Software Development (Elaboration and Construction)Staffing Profile

Effort = 10.5 Person-monthsYour project is too small to display a staffing profile due to truncation.

Schedule = 7.5 Months

Cost = \$0

Total Equivalent Size = 8448 SLOC

Effort Adjustment Factor (EAF) = 0.39

Acquisition Phase Distribution

Phase	Effort (Person-months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	0.6	0.9	0.7	\$0
Elaboration	2.5	2.8	0.9	\$0
Construction	8.0	4.7	1.7	\$0
Transition	1.3	0.9	1.3	\$0

Software Effort Distribution for RUP/MBASE (Person-Months)

Phase/Activity	Inception	Elaboration	Construction	Transition
Management	0.1	0.3	0.8	0.2
Environment/CM	0.1	0.2	0.4	0.1
Requirements	0.2	0.5	0.6	0.1
Design	0.1	0.9	1.3	0.1
Implementation	0.1	0.3	2.7	0.2
Assessment	0.1	0.3	1.9	0.3
Deployment	0.0	0.1	0.2	0.4

Your output file is at http://softwarecost.org/tools/COCOMO/data/COCOMO_October_23_2025_12_21_47_455817.txt

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