



COCOMO II - Constructive Cost Model

Model(s)	COCOMO ▼
Monte Carlo Risk	Off ▼
Auto Calculate	Off ▼

Software Size

Sizing Method **Source Lines of Code ▼**

[SLOC](#)

% Design
Modified

% Code
Modified

% Integration
Required

Assessment
and
Assimilation
(0% - 8%)

Software
Understanding
(0% - 50%)

Unfamiliarity
(0-1)

New

5000

Reused

0

0

Modified

Software Scale Drivers

Precedentedness

High ▼

Architecture / Risk
Resolution

Nominal ▼

Process Maturity

Nominal ▼

Development Flexibility

Nominal ▼

Team Cohesion

High ▼

Software Cost Drivers

Product

Required Software
Reliability

High ▼

Data Base Size

Low ▼

Product Complexity

Nominal ▼

Developed for
Reusability

High ▼

Documentation Match to
Lifecycle Needs

Nominal ▼

Personnel

Analyst Capability

Nominal ▼

Programmer
Capability

Nominal ▼

Personnel
Continuity

Very High ▼

Application
Experience

Nominal ▼

Platform Experience

High ▼

Language and
Toolset Experience

High ▼

Platform

Time Constraint

Nominal ▼

Storage Constraint

Nominal ▼

Platform Volatility

Low ▼

Project

Use of Software
Tools

Nominal ▼

Multisite
Development

Nominal ▼

Required
Development
Schedule

Nominal ▼

Software Labor Rates

Cost per Person-Month (Dollars)

10000

Calculate

Results

Software Engineering

Effort = 10 Person-months
Schedule = 7 Months

Staffing Profile

Your project is too small to display a staffing profile due to truncation.

Cost = \$102743

Total Equivalent Size =5000

Phase Distribution

Phase	Effort (Person- months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	0.6	1.0	0.6	\$6165
Elaboration	2.5	3.0	0.8	\$24658
Construction	7.8	4.9	1.6	\$78085
Transition	1.2	1.0	1.2	\$12329

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	0.4	0.6	0.0
Design	0.1	0.9	1.2	0.0
Implementation	0.0	0.3	2.7	0.2
Assessment	0.0	0.2	1.9	0.3
Deployment	0.0	0.1	0.2	0.4

Your output file is http://csse.usc.edu/tools/data/COCOMO_August_31_2011_18_37_11_121600.txt

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