

COCOMO II - Constructive Cost Model

Monte Carlo Risk 

Off

Auto Calculate 

Off

Software Size

Sizing Method 

Function Points

Unadjusted Function Points 

124

Language 

3rd Generation Language

Software Scale Drivers

Precedentedness 

Nominal

Development Flexibility 

Nominal

Architecture / Risk Resolution 

Nominal

Team Cohesion 

Nominal

Process Maturity 

Nominal

Software Cost Drivers

Product

Required Software Reliability 

Nominal

Data Base Size 

Nominal

Product Complexity 

Nominal

Developed for Reusability 

Nominal

Documentation Match to Lifecycle Needs 

Nominal

Personnel

Analyst Capability 

Nominal

Programmer Capability 

Nominal

Personnel Continuity 

Nominal

Application Experience 

High

Platform Experience 

High

Language and Toolset Experience 

High

Platform

Time Constraint 

Nominal

Storage Constraint 

Nominal

Platform Volatility 

Nominal

Project

Use of Software Tools 

Nominal

Multisite Development 

High

Required Development Schedule 

Nominal

Maintenance 

Off

Software Labor Rates

Cost per Person-Month (Dollars)

Calculate

Results

Software Development (Elaboration and Construction) Staffing Profile

Effort = 24.8 Person-months  
Schedule = 10.2 Months  
Cost = \$0

Total Equivalent Size = 9920 SLOC  
Effort Adjustment Factor (EAF) = 0.68

Acquisition Phase Distribution

Phase	Effort (Person-months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	1.5	1.3	1.2	\$0
Elaboration	6.0	3.8	1.6	\$0
Construction	18.9	6.4	3.0	\$0
Transition	3.0	1.3	2.3	\$0

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

Phase/Activity	Inception	Elaboration	Construction	Transition
Management	0.2	0.7	1.9	0.4
Environment/CM	0.1	0.5	0.9	0.1
Requirements	0.6	1.1	1.5	0.1
Design	0.3	2.1	3.0	0.1
Implementation	0.1	0.8	6.4	0.6
Assessment	0.1	0.6	4.5	0.7
Deployment	0.0	0.2	0.6	0.9

Your output file is at [http://softwarecost.org/tools/COCOMO/data/COCOMO\\_July\\_3\\_2024\\_15\\_25\\_15\\_428765.txt](http://softwarecost.org/tools/COCOMO/data/COCOMO_July_3_2024_15_25_15_428765.txt)

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