

## COCOMO II - Constructive Cost Model

Monte Carlo Risk

Auto Calculate

**Software Size**      Sizing Method

Unadjusted  
Function Points       Language

**Software Scale Drivers**

Precedentedness       Architecture / Risk Resolution       Process Maturity

Development Flexibility       Team Cohesion

**Software Cost Drivers****Product**

Required Software Reliability

Data Base Size

Product Complexity

Developed for Reusability

Documentation Match to Lifecycle Needs

**Personnel**

Analyst Capability

Programmer Capability

Personnel Continuity

Application Experience

Platform Experience

Language and Toolset Experience

**Platform**

Time Constraint

Storage Constraint

Platform Volatility

**Project**

Use of Software Tools

Multisite Development

Required Development Schedule

**Maintenance**

**Software Labor Rates**

Cost per Person-Month (Dollars)

**Results****Software Development (Elaboration and Construction)**

Effort = 10.8 Person-months  
Schedule = 7.8 Months  
Cost = \$0

Total Equivalent Size = 4664 SLOC  
Effort Adjustment Factor (EAF) = 0.67

**Acquisition Phase Distribution**

Phase	Effort (Person-months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	0.6	1.0	0.7	\$0
Elaboration	2.6	2.9	0.9	\$0
Construction	8.2	4.9	1.7	\$0
Transition	1.3	1.0	1.3	\$0

**Staffing Profile**

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

**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	0.7	0.1
Design	0.1	0.9	1.3	0.1
Implementation	0.1	0.3	2.8	0.2
Assessment	0.1	0.3	2.0	0.3
Deployment	0.0	0.1	0.2	0.4

Your output file is at [http://softwarecost.org/tools/COCOMO/data/COCOMO\\_June\\_28\\_2023\\_16\\_15\\_56\\_233940.txt](http://softwarecost.org/tools/COCOMO/data/COCOMO_June_28_2023_16_15_56_233940.txt)

Created by Ray Madachy at the Naval Postgraduate School. For more information contact him at [rjmadach@nps.edu](mailto:rjmadach@nps.edu).