

## COCOMO II - Constructive Cost Model

Monte Carlo Risk  Off 
  
 Auto Calculate  On

**Software Size**      Sizing Method

Unadjusted Function Points 66      Language C

### Software Scale Drivers

Precededness	High <input type="button" value="▼"/>	Architecture / Risk Resolution	Very High <input type="button" value="▼"/>	Process Maturity	Nominal <input type="button" value="▼"/>
Development Flexibility	Nominal <input type="button" value="▼"/>	Team Cohesion	Very High <input type="button" value="▼"/>		

### Software Cost Drivers

Product	Personnel		Platform		
	Required Software Reliability	Low <input type="button" value="▼"/>	Analyst Capability	High <input type="button" value="▼"/>	Time Constraint
Data Base Size	Nominal <input type="button" value="▼"/>	Programmer Capability	High <input type="button" value="▼"/>	Storage Constraint	Nominal <input type="button" value="▼"/>
Product Complexity	Nominal <input type="button" value="▼"/>	Personnel Continuity	Very High <input type="button" value="▼"/>	Platform Volatility	Low <input type="button" value="▼"/>
Developed for Reusability	Nominal <input type="button" value="▼"/>	Application Experience	Very Low <input type="button" value="▼"/>	Use of Software Tools	Very High <input type="button" value="▼"/>
Documentation Match to Lifecycle Needs	Nominal <input type="button" value="▼"/>	Platform Experience	Nominal <input type="button" value="▼"/>	Multisite Development	High <input type="button" value="▼"/>
		Language and Toolset Experience	High <input type="button" value="▼"/>	Required Development Schedule	Nominal <input type="button" value="▼"/>

Maintenance

### Software Labor Rates

Cost per Person-Month (Dollars) 0

### Results

#### Software Development (Elaboration and Construction)

Effort = 10.5 Person-months  
 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](http://softwarecost.org/tools/COCOMO/data/COCOMO_October_23_2025_12_21_47_455817.txt)

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