



## COCOMO II - Constructive Cost Model

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

**Software Size**      Sizing Method **Source Lines of Code ▼**

	<a href="#">SLOC</a>	% Design Modified	% Code Modified	% Integration Required	Assessment and Assimilation (0% - 8%)	Software Understanding (0% - 50%)	Unfamiliarity (0-1)
New	2500						
Reused	200	0	0	25	5		
Modified	100	5	10	20	3	40	0.5

### Software Scale Drivers

Precedentedness	Nominal ▼	Architecture / Risk Resolution	High ▼	Process Maturity	Nominal ▼
Development Flexibility	High ▼	Team Cohesion	Nominal ▼		

### Software Cost Drivers

#### Product

Required Software Reliability	Very High ▼
Data Base Size	Nominal ▼
Product Complexity	High ▼
Developed for Reusability	Very High ▼
Documentation Match to Lifecycle Needs	Nominal ▼

#### Personnel

Analyst Capability	Nominal ▼
Programmer Capability	Nominal ▼
Personnel Continuity	Very High ▼
Application Experience	High ▼
Platform Experience	High ▼
Language and Toolset Experience	High ▼

#### Platform

Time Constraint	High ▼
Storage Constraint	Nominal ▼
Platform Volatility	Nominal ▼

#### Project

Use of Software Tools	High ▼
Multisite Development	Nominal ▼
Required Development Schedule	High ▼

**Maintenance** **Off ▼**

### Software Labor Rates

Cost per Person-Month (Dollars)

## Results

### Software Development (Elaboration and Construction)

### Staffing Profile

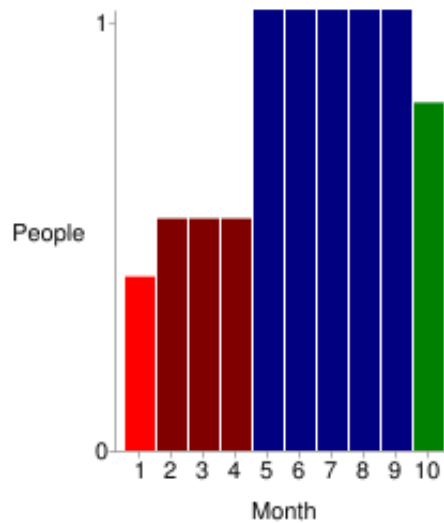
Effort = 8.0 Person-months  
Schedule = 9.5 Months  
Cost = \$802

Total Equivalent Size = 2543 SLOC

### Acquisition Phase Distribution

Phase	Effort (Person-months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	0.5	1.2	0.4	\$48
Elaboration	1.9	3.6	0.5	\$193
Construction	6.1	5.9	1.0	\$610

Transition	1.0	1.2	0.8	\$96
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#### Software Effort Distribution for RUP/MBASE (Person-Months)

Phase/Activity	Inception	Elaboration	Construction	Transition
Management	0.1	0.2	0.6	0.1
Environment/CM	0.0	0.2	0.3	0.0
Requirements	0.2	0.3	0.5	0.0
Design	0.1	0.7	1.0	0.0
Implementation	0.0	0.3	2.1	0.2
Assessment	0.0	0.2	1.5	0.2
Deployment	0.0	0.1	0.2	0.3

Your output file is [http://csse.usc.edu/tools/data/COCOMO\\_February\\_18\\_2016\\_00\\_51\\_38\\_506949.txt](http://csse.usc.edu/tools/data/COCOMO_February_18_2016_00_51_38_506949.txt)

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