



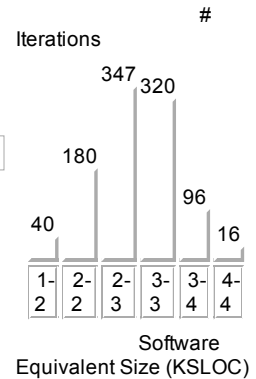
COCOMO II - Constructive Cost Model

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

Software Size

Sizing Method **Source Lines of Code**[SLOC](#)% Design
Modified% Code
Modified% Integration
RequiredAssessment
and
Assimilation
(0% - 8%)Software
Understanding
(0% - 50%)Unfamiliarity
(0-1)Size Probability
DistributionSoftware
Distribution Type
Normal

New	3000						
Reused		0	0				
Modified							



Software Scale Drivers

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

Software Cost Drivers

Product

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

Personnel

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

Platform

Time Constraint	Very High
Storage Constraint	Nominal
Platform Volatility	Low

Project

Use of Software Tools	High
Multisite Development	Very Low
Required Development Schedule	High

Maintenance **Off**

Software Labor Rates

Cost per Person-Month (Dollars) 16000

Results

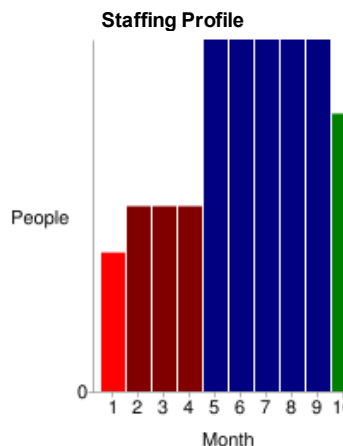
Software Development (Elaboration and Construction)

Effort = 5.4 Person-months
 Schedule = 8.3 Months
 Cost = \$86701

Total Equivalent Size = 3000 SLOC

Acquisition Phase Distribution

Phase	Effort (Person-months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	0.3	1.0	0.3	\$5202
Elaboration	1.3	3.1	0.4	\$20808
Construction	4.1	5.2	0.8	\$65893
Transition	0.7	1.0	0.6	\$10404

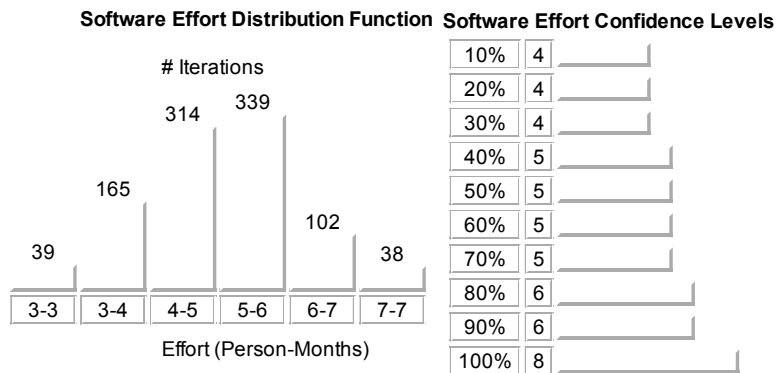


Software Effort Distribution for RUP/MBASE (Person-Months)

Phase/Activity	Inception	Elaboration	Construction	Transition
Management	0.0	0.2	0.4	0.1

Environment/CM	0.0	0.1	0.2	0.0
Requirements	0.1	0.2	0.3	0.0
Design	0.1	0.5	0.7	0.0
Implementation	0.0	0.2	1.4	0.1
Assessment	0.0	0.1	1.0	0.2
Deployment	0.0	0.0	0.1	0.2

Acquisition Monte Carlo Results



Your output file is http://csse.usc.edu/tools/data/COCOMO_April_25_2016_18_16_12_8268.txt

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