

By how much, is it over/under budget?

By how many days, is it ahead/behind the schedule?

By the end of the project, by how much will it be over/under budget?

Calculate CV, SV, CPI, SPI, EAC

Task ID	Activity	Pred.	Duration (months)	Budget (K\$)	Progress	AC
1	Preparation	-	2	600	100%	600
2	Design	1	3	1200	100%	1400
3	Implementation	2	2	400	50%	200
4	Testing	2	3	1200	33.3%	500
5	Deployment	4	3	300	0%	0

Balance: 3700 | charged: 2700 | credit: 1000

1. Under budget with 1000 K\$

Due date: 13 months | Estimated time 11 months

2. We will finish 2 months ahead of the due date.

We still have 1000 K\$ - 300 K\$ for the Deployment.

3. We are going to still be under the budget by 700 K\$.

**EV: earned value | PV: planned value**

**CV = standard deviation / sample mean x 100**

**CV = volatility / projected return x 100**

**SV = EV - PV**

**CPI = divide the cost of the market basket in year by the cost of the same market basket in the base year (this year - base year / 100)**

**SPI = EV / PV**

**EAC = BAC / CPI**