

INTEREST AND LOAN PAYMENTS

Compound Interest Formula: $A = P \left(1 + \frac{APR}{n}\right)^{(n \times Y)}$

Continuous Compounding Formula: $A = P \times e^{(APR \times Y)}$

Savings Plan Formula: $A = PMT \times \frac{\left[\left(1 + \frac{APR}{n}\right)^{(n \times Y)} - 1\right]}{\left(\frac{APR}{n}\right)}$

Loan Payment Formula: $PMT = \frac{P \times \left(\frac{APR}{n}\right)}{\left[1 - \left(1 + \frac{APR}{n}\right)^{(-n \times Y)}\right]}$

TAXATION

Overall tax rate: $OTR = \frac{\text{total tax}}{\text{gross income}}$

Long-Term Dividend and Capital Gains Income Tax:

5% tax on income in the 10% and 15% tax brackets

15% tax on income in higher tax brackets

FICA Taxes:

7.65% tax on first 94,200 dollars from wages

1.45% tax on any income from wages in excess of \$94,200

Marginal Tax Rates (2006 numbers):

TAX RATE	SINGLE	Married Filing Jointly	Married Filing Separately	Head of Household
10%	Up to \$7,550	Up to \$15,100	Up to \$7,550	Up to \$10,750
15%	Up to \$30,650	Up to \$61,300	Up to \$30,650	Up to \$41,050
25%	Up to \$74,200	Up to \$123,700	Up to \$61,850	Up to \$106,000
28%	Up to \$154,800	Up to \$188,450	Up to \$94,225	Up to \$171,650
STANDARD DEDUCTION	\$5,150	\$10,300	\$5,150	\$7,550
EXEMPTION (per person)	\$3,300	\$3,300	\$3,300	\$3,300