

Important Tax Formulas PDF



Formulas Examples with Units

List of 14 Important Tax Formulas

1) Common Credit Formula

Formula

$$CC = TEC - NITC$$

Example

$$7690 = 7920 - 230$$

Evaluate Formula 

2) Effective Tax Rate Formula

Formula

$$ETR = \frac{TEE}{EBT}$$

Example

$$10 = \frac{10000}{1000}$$

Evaluate Formula 

3) Goods and Service Tax Formula

Formula

$$GST = TA \cdot GR$$

Example

$$26 = 520 \cdot 0.05$$

Evaluate Formula 

4) GST Excluding Amount Formula

Formula

$$GEA = \frac{\lfloor \frac{GIA}{GR} \rfloor}{1 + \frac{GR}{100}}$$

Example

$$525.7371 = \frac{\lfloor \frac{526.10}{100} \rfloor}{1 + \frac{0.05}{100}}$$

Evaluate Formula 

5) Maximum Refund Amount Formula

Formula

$$MRA = \left(TIRS \cdot \frac{Net_{ITC}}{ATT} \right) - TGS$$

Example

$$9245 = \left(1025 \cdot \frac{5000}{500} \right) - 1005$$

Evaluate Formula 

6) Net Price Formula

Formula

$$NP = CP + GT$$

Example

$$2040 = 2000 + 40$$

Evaluate Formula 



7) Partly Exempted Formula

Formula

$$PYE = \left(\frac{EDT}{TLT} \right) \cdot CC$$

Example

$$15380 = \left(\frac{1000}{500} \right) \cdot 7690$$

Evaluate Formula 

8) Retail Price Formula

Formula

$$RTP = \text{round} \left(\frac{P}{1 + P\%}, 2 \right)$$

Example

$$102.86 = \text{round} \left(\frac{900}{1 + 7.75}, 2 \right)$$

Evaluate Formula 

9) Sales Tax Amount Formula

Formula

$$STA = P \cdot \left(\frac{ST}{100} \right)$$

Example

$$56.25 = 900 \cdot \left(\frac{6.25}{100} \right)$$

Evaluate Formula 

10) Tax Equivalent Yield Formula

Formula

$$TEQY = \frac{TFY}{1 - TR}$$

Example

$$5 = \frac{2.5}{1 - 0.5}$$

Evaluate Formula 

11) Taxable Income for Corporation Formula

Formula

$$TIC = GS - COGS - OE - [IE] - TDN$$

Example

$$4900 = 20000 - 10500 - 2500 - [1599.30] - 500$$

Evaluate Formula 

12) Taxable Income for Individual Formula

Formula

$$TII = GTI - [TE] - TD$$

Example

$$14500 = 20500 - [999.10] - 5000$$

Evaluate Formula 

13) Total Eligible Credit Formula

Formula

$$TEC = TITC - (IPE + IES + NEI)$$

Example

$$7920 = 9505 - (625 + 505 + 455)$$

Evaluate Formula 

14) Total Sales Tax Formula

Formula

$$TST = P + STA$$

Example

$$956 = 900 + 56$$

Evaluate Formula 



Variables used in list of Tax Formulas above

- **ATT** Adjusted Total Turnover
- **CC** Common Credit
- **COGS** Cost of Goods Sold
- **CP** Cost of Product
- **EBT** Pre Tax Income
- **EDT** Exempted Turnover
- **ETR** Effective Tax Rate
- **GEA** Gst Excluding Amount
- **GIA** Gst Including Amount
- **GR** Goods and Service Tax Rate
- **GS** Gross Sales
- **GST** Goods and Service Tax
- **GT** Gst Amount
- **GTI** Gross Total Income
- **IE** Interest Expense
- **IES** Itc for Exempted Supplies
- **IPE** Itc for Personal Expenses
- **MRA** Maximum Refund Amount
- **NEI** Non Eligible Itc
- **Net_{ITC}** Net Itc
- **NITC** Normal Input Tax Credit
- **NP** Net Price
- **OE** Operating Expense
- **P** Price
- **P%** Percent
- **PYE** Partly Exempted
- **RTP** Retail Price
- **ST** Sales Tax Percentage
- **STA** Sales Tax Amount
- **TA** Taxable Amount
- **TD** Total Deductions
- **TDN** Tax Deduction
- **TE** Total Exemptions
- **TEC** Total Eligible Credit
- **TEE** Tax Expense
- **TEQY** Tax Equivalent Yield

Constants, Functions, Measurements used in list of Tax Formulas above

- **Functions: ceil**, ceil(Number)
The ceiling function is a mathematical function that rounds a number up to the nearest integer.
- **Functions: floor**, floor(Number)
The floor function is a function that takes a real number as an input and returns the largest integer that is less than or equal to the input.
- **Functions: round**, round(number, roundingDigit)
Half-up rounding is a common method of rounding that rounds 0.5 up.



- **TFY** Tax Free Yield
- **TGS** Tax Payable on Inverted Rate Supply of Gst
- **TIC** Taxable Income for Corporation
- **TII** Taxable Income for Individual
- **TIRS** Turnover of Inverted Rate Supply
- **TITC** Total Itc
- **TLT** Total Turnover
- **TR** Tax Rate
- **TST** Total Sales Tax



Download other Important Financial PDFs

- [Important Banking Formulas](#) 
- [Important Equity Formulas](#) 
- [Important Financial Institutions Management Formulas](#) 
- [Important Financial Modeling and Valuation Formulas](#) 
- [Important Fixed Income Securities Formulas](#) 
- [Important Investment Banking Formulas](#) 
- [Important Mergers and Acquisitions Formulas](#) 
- [Important Public Finance Formulas](#) 
- [Important Strategic Financial Management Formulas](#) 
- [Important Tax Formulas](#) 

Try our Unique Visual Calculators

-  [Percentage share](#) 
-  [Improper fraction](#) 
-  [HCF of two numbers](#) 

Please SHARE this PDF with someone who needs it!

This PDF can be downloaded in these languages

[English](#) [Spanish](#) [French](#) [German](#) [Russian](#) [Italian](#) [Portuguese](#) [Polish](#) [Dutch](#)

7/8/2024 | 7:00:41 AM UTC

