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Asset Management Formulas

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List of 17 Asset Management Formulas

Asset Management

1) Allowance Method of Doubtful Accounts

$$\text{fx } \text{NAR} = \text{GAR} - \text{ADA}$$

[Open Calculator !\[\]\(a870788d6ed9b8fd294b7654a8c8526b_img.jpg\)](#)

$$\text{ex } 395000 = 415000 - 20000$$

2) Amortization of Intangible Assets

$$\text{fx } \text{AE} = \frac{\text{HCIA} - \text{RV}}{\text{ULA}}$$

[Open Calculator !\[\]\(c50c8b7b2cc2cf9ff925edec0ee94c0d_img.jpg\)](#)

$$\text{ex } 100 = \frac{2500 - 1800}{7}$$

3) Basic Earnings Power Ratio

$$\text{fx } \text{BEPR} = \frac{\text{OI}}{\text{TA}}$$

[Open Calculator !\[\]\(f60b7a900783ac3fd531bfd9c111be6d_img.jpg\)](#)

$$\text{ex } 0.917031 = \frac{420000}{458000}$$

4) Capital Structure

$$\text{fx } \text{CS} = \text{CEW} + \text{DW} + \text{PSW}$$

[Open Calculator !\[\]\(83bbbd261710c59db0214aa27b2edc0d_img.jpg\)](#)

$$\text{ex } 1.15 = 0.25 + 0.35 + 0.55$$



5) Cash Available for Distribution

$$\text{fx } \text{CAD} = \text{FFO} + \text{NRI} - \text{CAPEX}$$

[Open Calculator !\[\]\(cbe80b694ebd74fcfe136a095b608235_img.jpg\)](#)

$$\text{ex } 480000 = 360000 + 430000 - 310000$$

6) Conversion Price

$$\text{fx } \text{CP} = \frac{\text{PV}}{\text{CR}}$$

[Open Calculator !\[\]\(3e2231b1ad3ca8da8658228c00dd08e0_img.jpg\)](#)

$$\text{ex } 6 = \frac{30}{5}$$

7) Depreciable Cost of Asset

$$\text{fx } \text{DC} = \text{PC} - \text{SV}$$

[Open Calculator !\[\]\(0d5ec72f61334709c3fc9450209b754f_img.jpg\)](#)

$$\text{ex } 365000 = 410000 - 45000$$

8) Expense Ratio

$$\text{fx } \text{ER} = \frac{\text{AOE}}{\text{AFA}}$$

[Open Calculator !\[\]\(b64b40baaee5acddc1eab8538ba84754_img.jpg\)](#)

$$\text{ex } 1.883212 = \frac{258000}{137000}$$

9) Internal Growth Rate

$$\text{fx } \text{IGR} = \text{RR} \cdot \text{ROA}$$

[Open Calculator !\[\]\(aff7c69c44a5e015f18c35867ef3f5c3_img.jpg\)](#)

$$\text{ex } 17.5 = 0.5 \cdot 35$$



10) Inventory Days

$$\text{fx ID} = \left(\frac{\text{AI}}{\text{COGS}} \right) \cdot 365$$

[Open Calculator !\[\]\(e78f798d4ea5c530c9db49e7d26e6b95_img.jpg\)](#)

$$\text{ex } 488.6531 = \left(\frac{328000}{245000} \right) \cdot 365$$

11) Inventory Write-Down

$$\text{fx IWD} = \text{HC} - \text{LCRV}$$

[Open Calculator !\[\]\(05be7c7a8995decd503647c99211f7c2_img.jpg\)](#)

$$\text{ex } 15000 = 345000 - 330000$$

12) Net Capital Spending

$$\text{fx NCS} = \text{ENFA} - \text{BNFA} + \text{Dep}^n$$

[Open Calculator !\[\]\(fe3aebe81acea8d45108cd2768939da7_img.jpg\)](#)

$$\text{ex } 155000 = 450000 - 320000 + 25000$$

13) Net Identifiable Assets

$$\text{fx NIA} = \text{IA} - \text{TL}$$

[Open Calculator !\[\]\(899d8b7697d64725bf017d3296cfcf1b_img.jpg\)](#)

$$\text{ex } 240000 = 425000 - 185000$$

14) Net Realizable Value

$$\text{fx LCRV} = \text{ESP} - \text{Disp.C}$$

[Open Calculator !\[\]\(40770d9ed6ed4f1222ebf89a1396e8b2_img.jpg\)](#)

$$\text{ex } 33000 = 56000 - 23000$$



15) Operating Working Capital

$$fx \quad OWC = OCA - OCL$$

[Open Calculator !\[\]\(e2376d476d06eb31946dc01a69a4403a_img.jpg\)](#)

$$ex \quad 710000 = 1050000 - 340000$$

16) Residual Income

$$fx \quad RI = OI - MRRR \cdot AOA$$

[Open Calculator !\[\]\(0b5e7e25e8775f7e7e80906ada4f0021_img.jpg\)](#)

$$ex \quad 400000 = 420000 - 0.40 \cdot 50000$$

17) Seller's Discretionary Earnings

 fx [Open Calculator !\[\]\(bd3b31712ad9bab5a241210fa6925cdd_img.jpg\)](#)

$$SDE = PTI + OS + NIE + D\&A + DE + NRE$$

$$ex \quad 402760 = 235000 + 78000 + 4560 + 26500 + 36700 + 22000$$



Variables Used

- **ADA** Allowance for Doubtful Accounts
- **AE** Amortization Expense
- **AFA** Average Fund Assets
- **AI** Average Inventory
- **AOA** Average Operating Assets
- **AOE** Annual Operating Expenses
- **BEPR** Basic Earnings Power Ratio
- **BNFA** Beginning Net Fixed Assets
- **CAD** Cash Available for Distribution
- **CAPEX** Capital Expenditures
- **CEW** Common Equity Weight
- **COGS** Cost Of Goods Sold
- **CP** Conversion Price
- **CR** Conversion Ratio
- **CS** Capital Structure
- **D&A** Depreciation and Amortization
- **DC** Depreciable Cost
- **DE** Discretionary Expenses
- **Depⁿ** Depreciation
- **Disp.C** Disposal Costs
- **DW** Debt Weight
- **ENFA** Ending Net Fixed Assets
- **ER** Expense Ratio
- **ESP** Expected Sale Price



- **FFO** Funds from Operations
- **GAR** Gross Accounts Receivables
- **HC** Historical Cost
- **HCIA** Historical Cost of Intangible Asset
- **IA** Identifiable Assets
- **ID** Inventory Days
- **IGR** Internal Growth Rate
- **IWD** Inventory Write Down
- **LCRV** Lower of Cost or Net Realizable Value
- **MRRR** Minimum Required Rate of Return
- **NAR** Net Accounts Receivables
- **NCS** Net Capital Spending
- **NIA** Net Identifiable Assets
- **NIE** Net Interest Expenses
- **NRE** Non Recurring Expenses
- **NRI** Non-Recurring Items
- **OCA** Operating Current Assets
- **OCL** Operating Current Liabilities
- **OI** Operating Income
- **OS** Owner's Salary
- **OWC** Operating Working Capital
- **PC** Purchase Cost
- **PSW** Preferred Stock Weight
- **PTI** Pre-Tax Income
- **PV** Par Value
- **RI** Residual Income
- **ROA** Return on Assets



- **RR** Retention Ratio
- **RV** Residual Value
- **SDE** Seller Discretionary Earnings
- **SV** Salvage Value
- **TA** Total Assets
- **TL** Total Liabilities
- **ULA** Useful Life Assumption



Constants, Functions, Measurements used



Check other formula lists

- **Asset Management Formulas** 

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