HUM 749.73 924.29 174.56 ≥ 23.28% UVD 155.57 25.98 ≥ 16.70% UVD 155.5

Introduction to the Course and Financial Statement Analysis

MOT111A Financial Management: Lecture 1

Textbook: Chapters 1 & 2

Dr.ir. Zenlin Roosenboom-Kwee

Email: Z.Roosenboom-Kwee@tudelft.nl





Teaching Team MOT111A (2023-2024)



- Zenlin Roosenboom-Kwee (Z.Roosenboom-Kwee@tudelft.nl)
- Course Manager and Instructor (Lectures 1, 2, 4, 5, 6, 7)

- Aleksandrina Ralcheva (<u>A.A.Ralcheva@tudelft.nl</u>)
- Instructor (Lectures 3 & 7 and Workshops 1, 2, 3, 4)

- Wesley Kool (<u>W.L.A.Kool@student.tudelft.nl</u>)
- Teaching assistant

MOT111A: Financial Management



"What is a master but a master student? And if that's true, then there's a <u>responsibility</u> on you to keep getting better and to explore avenues of your profession."

(Neil Peart: Canadian-American musician, songwriter, and author)





Course Communication



For content-related questions, please use Discussion Board in Brightspace



Answers will also be given in the discussion board



This allows information sharing to all students



Please do <u>not</u> send any email

Course Outline & Schedule

 MOT111A: Financial Management



All lectures and workshops are mandatory and are held at 10:45-12:30 hours Coffee hours are informal and voluntary and are held at 10:45-11:45 hours

Coffee hours are informal and voluntary and are held at 10.45-11.45 hours						
Activity	Instructor*	Date	Location^	Topic	Material	
Lecture 1	ZK	Tue 5 Sept	Flux Hall A	Introduction and financial statement analysis	Book chapters 1 (all) & 2 (all)	
Workshop 1	AR	Thu 7 Sept	Flux Hall A	Exercises based on lecture 1	Lecture 1	
Lecture 2	ZK	Tue 12 Sept	Echo-Hall B1	Evaluating investment opportunities	Chapters 3(3.1-3.4), 4 (all), 5(all) & 7 (all)	
Coffee Hour	ZK/AR/WK	Thu 14 Sept	TPM Canteen			
There is no	activity in the	week of 18	-22 September	2023 due to the MO	T Introduction Week	
Lecture 3	AR	Tue 26 Sept	Echo-Hall B1	Long-term financing and financial markets Valuing bonds	Slides + Chapter 6 (all)	
Workshop 2	AR	Thu 28 Sept	Flux Hall A	Exercises based on lectures 2 & 3	Lectures 2 & 3	
Lecture 4	ZK	Tue 3 Oct	Echo-Hall B1	Valuing stocks Risk analysis and portfolio investment	Chapter 9 (9.1-9.2) Chapters 10: 10.1-10.3, 10.6-10.8 Chapter 11: 11.1-11.2, 11.4 (until Example 11.9, p.404), 11.7-11.8	
Workshop 3	AR	Thu 5 Oct	Flux Hall A	Exercises based on lecture 4	Lectures 4	
Lecture 5	ZK	Tue 10 Oct	Echo-Hall B1	Cost of capital and Capital structure	Chapter 12: 12.1, 12.5-12.7 Chapters 14 (all) & 15 (all)	
Coffee Hour	ZK/AR/WK	Thu 12 Oct	TPM Canteen			
Lecture 6	ZK	Tue 17 Oct	Echo-Hall B1	Financial distress and payout policy	Chapters 16 (16.1-16.4) & 17 (17.1-17.4)	
Workshop 4	AR	Thu 19 Oct	Flux Hall A	Exercises based on lectures 5 & 6	Lectures 5 & 6	
Guest Lecture	To be announced	Tue 24 Oct	Echo-Hall B1	To be announced	Slides	
Coffee Hour	ZK/AR/WK	Thu 26 Oct	TPM Canteen			
Lecture 7 (Final)	ZK & AR	Thu 31 Oct	Echo-Hall B1	Q&A + Practice Exam	All materials discussed in Lectures 1-6	

^{*} ZK = Zenlin Roosenboom-Kwee; AR = Aleksandrina Ralcheva; WK = Wesley Kool

[^] Locations can be viewed at: https://esviewer.tudelft.nl/



Why study financial management?



Personal perspective

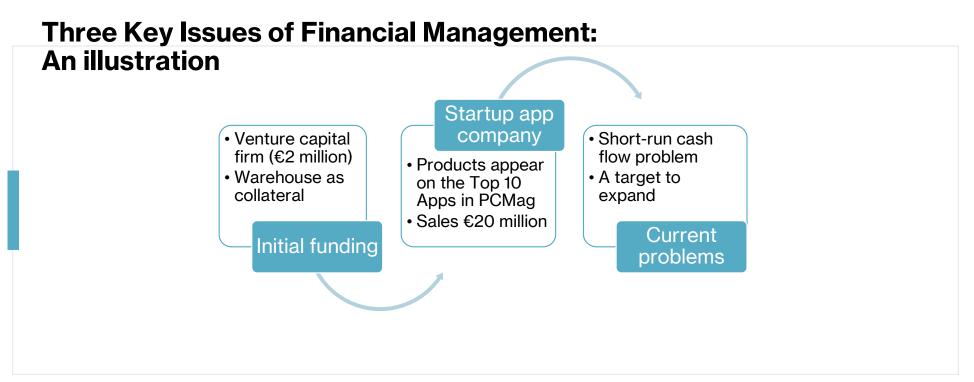
- Financial literacy is useful for personal finance decisions, a.o.:
 - How to evaluate the terms of your car loan/lease, credit card, mortgage?
 - When to start saving for retirement?
 - To invest or not to invest in certain financial instruments?



Business/career perspective

- Help strategic decision makings such as:
 - To improve an existing product or to launch a new product?
 - Keep the production in house or outsource?
 - How to fund the company?

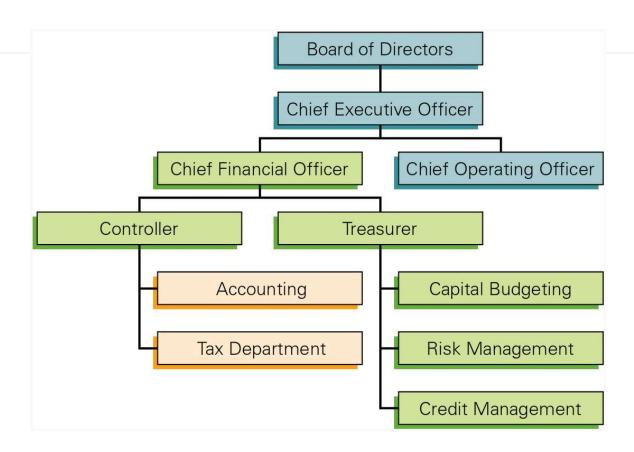




- What long-term investment strategy to take on?
- How can fund be raised for the required investments?
- How much short-term cash flow does a company need to pay its bills?



Finance Role in Organizational Chart





Lecture 1 Learning Goals



Identify, describe and differentiate the major characteristics of four major types of firms. (VIDEO: Types of Firms and Agency Problem)



Discuss the agency problem, i.e. division of ownership vs control of corporations (VIDEO: Types of Firms and Agency Problem)



Discuss stock markets (2 VIDEOS: The Stock Market Explained! and What's a dark pool? + Lecture 1 Slides)



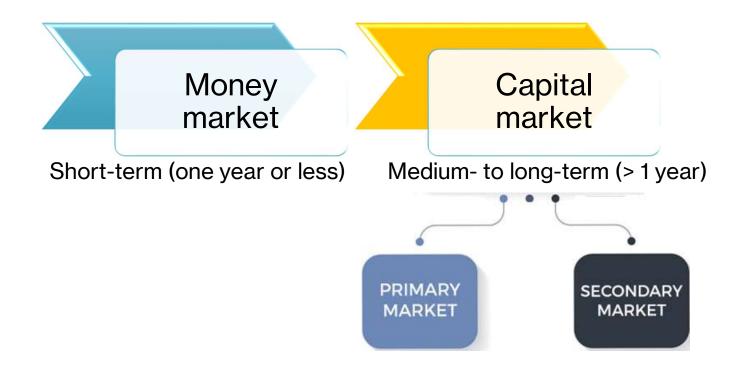
List three key financial statements → (VIDEO: How to Read Company Financial Statements + Lecture 1 Slides)



Evaluate financial performance of companies through financial statement analysis (ratio analysis) -> Lecture 1 Slides



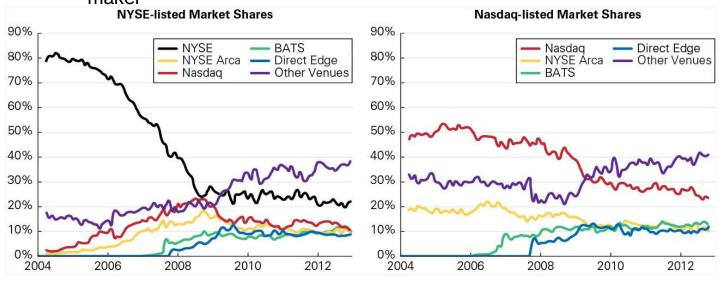
Financial Markets





NYSE, NASDAQ and New Traders

- New York Stock Exchange (NYSE)
 - Market Makers/Specialists
 - Each share has only one market maker
- NASDAQ (an over-the-counter market)
 - Does not meet in a physical location
 - May have many market makers for a single share



Source: J. Angel, L. Harris, and C. Spatt, "Equity Trading in the 21st Century: An Update," **Quarterly Journal of Finance** 5 (2015): 1–39.

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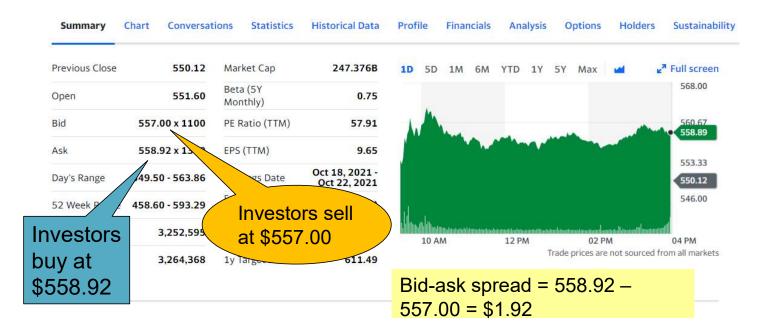


Bid-ask price and spread: What is the bid-ask spread of NFLX?



558.92 +8.80 (+1.60%)

At close: August 27 4:00PM EDT





Fintech: Finance and Technology



Telecommunication

- Telegraph (1840s-1970s)Digital CRT technology systems, computers and the Internet
- Microwave technology



Security and Verification

- Blockchain
- Cryptocurrency



Automation of Banking Services

- ATM
- Robo-advisors

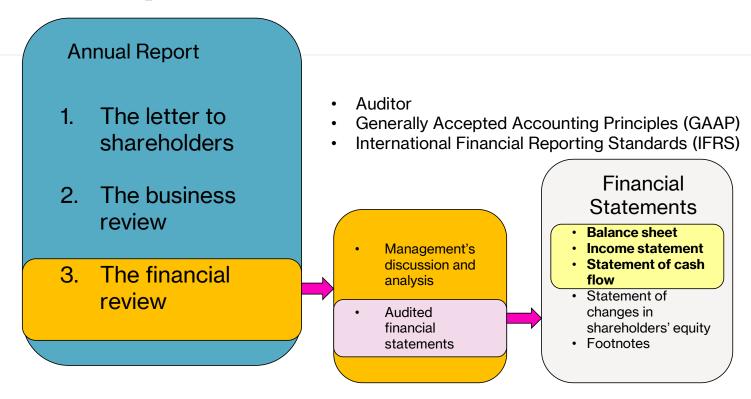


Big Data and Machine Learning

- Pattern recognition
- Smart algorithms



Annual Report & Financial Statements





Financial Statement Analysis in this course is <u>NOT</u> about

- Details of financial reporting rules
- Financial statement preparation
- Double-entry bookkeeping (T-accounts and journal entries)



Three Financial Statements

- Internally for firms, there are two main purposes of analyzing financial statements:
 - Evaluating performance
 - Understanding the levers of management control → the influence of operating decisions
- Information source for evaluating the financial health of a company
 - 1. Balance sheet: what a firm owns and owes at a point in time
 - 2. Income statement: how much a firm earned in the period of analysis
 - Statement of cash flow: cash inflows and cash outflows to the firm during the period of analysis



1. Balance Sheet: General Format

TOTAL ASSETS

TOTAL LIABILITIES + EQUITY

Current assets

- Cash
- Marketable securities
- Accounts receivable
- **Inventories**

Current liabilites Net working capital

- Accounts payable
- Notes payable
- Other short-term debts

Noncurrent assets

- Net property, plant and equipment
- Goodwill and intangible assets

Long-term liabilites

- Long-term debt
- Capital leases
- Deferred taxes

Shareholders' equity

- Stock
- Retained earnings

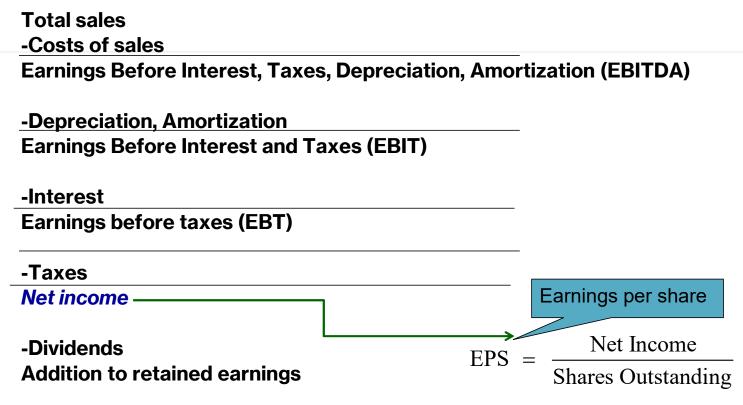


Balance Sheet: An Example

GLOBAL CONGLOMERATE C	ORPORA	TION	GLOBAL CONGLOMERATE COR	PORAT	ION
Consolidated Balance Sheet Year Ended December 31 (in \$ million)			Consolidated Balance Sheet Year Ended December 31 (in \$ million)		
Assets 2018 2017			Liabilities and Stockholders' Equity	2018	2017
Current Assets			Current Liabilities		
Cash	21.2	19.5	Accounts payable	29.2	24.5
Accounts receivable	18.5	13.2	Notes payable/short-term debt	3.5	3.2
Inventories	15.3	14.3	Current maturities of long-term debt	13.3	12.3
Other current assets	2.0	1.0	Other current liabilities	2.0	4.0
Total current assets	57.0	48.0	Total current liabilities	48.0	44.0
Long-Term Assets		Long-Term Liabilities			
Land	22.2	20.7	Long-term debt	99.9	76.3
Buildings	36.5	30.5	Capital lease obligations		
Equipment	39.7	33.2	Total debt	99.9	76.3
Less accumulated depreciation	(18.7)	(17.5)	Deferred taxes	7.6	7.4
Net property, plant, and equipment	79.7	66.9	Other long-term liabilities		
Goodwill and intangible assets	20.0	20.0	Total long-term liabilities	107.5	83.7
Other long-term assets	21.0	14.0	Total Liabilities	155.5	127.7
Total long-term assets $\overline{120.7}$ $\overline{100.9}$		Stockholders' Equity	22.2	21.2	
Total Assets	177.7	148.9	Total Liabilities and Stockholders' Equity	177.7	148.9



2. Income Statement: General Format





Income Statement: An Example

GLOBAL CONGLOMERATE CORPORATION Income Statement

Year Ended December 31 (in \$ million) 2018 2017 Total sales 186.7 176.1 Cost of sales (153.4)(147.3)Gross Profit 33.3 28.8 Selling, general, and administrative expenses (13.5)(13.0)Research and development (8.2)(7.6)Depreciation and amortization (1.2)(1.1)Operating Income 10.4 7.1 Other income Earnings Before Interest and Taxes (EBIT) 10.4 7.1 Interest income (expense) (4.6)(7.7)Pretax Income 2.7 2.5 Taxes (0.7)(0.6)2.0 1.9 Net Income \$0.556 Earnings per share: \$0.528 Diluted earnings per share: \$0.526 \$0.500



3. Cash Flow Statement

- Detailed look at changes in a company's cash balance over time
- Focus: solvency → ensure that there is enough cash to pay bills as they come due
- An elaboration of a simple sources-and-uses statement by placing each source or use into one of three broad categories:
 - Cash flows from operating activities
 - Cash flows from investing activities
 - Cash flows from financing activities



Cash Flow Statement: An Example

GLOBAL CONGLOMERATE O	CORPORATION
Statement of Cash F	Flows
V D	! - C !!!! \

Year Ended December 31 (in \$ million) 2017 2018 Operating activities 1.9 Net income 2.0 Depreciation and amortization 1.2 1.1 Other non-cash items 0.2 1.0 Cash effect of changes in Accounts receivable (5.3)(0.3)Accounts payable 4.7 (0.5)Inventory (1.0)(1.0)Other net operating assets (3.0)(2.0)Cash from operating activities (1.2)0.2 Investment activities Capital expenditures (14.0)(4.0)Acquisitions and other investing activity (7.0)(2.0)Cash from investing activities (21.0)(6.0)Financing activities Dividends paid (1.0)(1.0)Sale (or purchase) of stock Increase in borrowing 24.9 5.5 4.5 Cash from financing activities 23.9 1.7 Change in cash and cash equivalents (1.3)



Three cash flows

- Cash from operating activities
 - Operating cash flow = NI + Depreciation inc in AR + inc in AP inc in INV
- Cash from investing activities
 - Adjustment of acquisition and sales (divestiture) of fixed assets
 - Capital expenditures and acquisitions & other investing activities
 - Also includes acquisitions of other firms
- · Cash from financing activities
 - · Adjustment of issue and repurchase of equity, issue and repayment of debt and after dividend payments
 - Financing cash flow = dividends paid + sale (or purchase) of shares + increase (or decrease) in ST borrowing + increase (or decrease) in LT borrowing



Rule of thumb:

The sum of CF from operating, investing, financing activities should equal change in cash and marketable securities (e.g. see Table 2.3)



Cash Flow Statement: Sample Format

Cash Flow from Operations

Net profit after taxes

- + Depreciation
- + Decrease in accounts receivable
- + Decrease in inventories
- + Increase in accounts payable
- + Decrease in accruals

Cash provided by operations

Cash Flow from Investments

Increase in fixed assets

Change in business ownership

Cash provided by investment activities

Cash Flow from Financing Activities

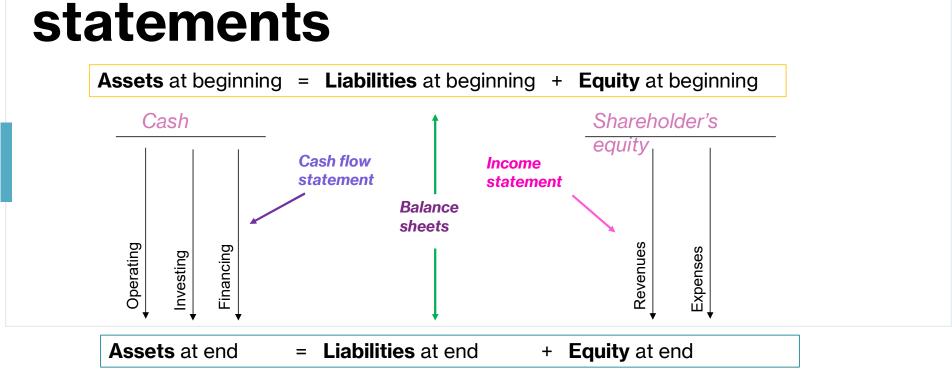
- Decrease in notes payable
- + Increase in long-term debt
- + Changes in shareholders' equity
- Dividends paid

Cash provided by financing activities

Net increase/decrease in cash and marketable securities



Ties among the three financial statements





Financial Statement Analysis: What Do Investors Use It For?

- Compare the firm with itself by analyzing how the firm has changed over time (time series analysis)
- Compare the firm to other similar firms using a common set of financial ratios (Cross sectional analysis)



Two Most Frequently Used Techniques to Analyze Financial Statements

- 1. Common-size analysis
- 2. Financial ratio analysis



1. Common-Size Analysis

Common-size analysis is done by expressing financial data in the financial statements, in relation to a single financial statement item (vertical) or base year (horizontal).

- **a. Horizontal common-size analysis** is useful when comparing growth of different accounts over time.
 - Highlights items that have changed unexpectedly or have unexpectedly remained unchanged.
- **b. Vertical common-size analysis** highlights composition and identify what items are important.
 - Balance sheet: Aggregate amount is total assets.
 - Income statement: Aggregate amount is revenues or sales.



a. Horizontal Analysis (Balance Sheet)

	ity Departme ondensed Balar December	nce Sheets		
			Increase or durin	(Decrease) g 2019
	2019	2018	Amount	Percent
Assets	=======================================			
Current assets	\$1,020,000	\$ 945,000	\$ 75,000	7.9%
Plant assets (net)	800,000	632,500	167,500	26.5%
Intangible assets	15,000	17,500	(2,500)	(14.3%)
Total assets	\$1,835,000	\$1,595,000	\$240,000	15.0%
Liabilities				
Current liabilities	\$ 344,500	\$ 303,000	\$ 41,500	13.7%
Long-term liabilities	487,500	497,000	(9,500)	(1.9%)
Total liabilities	832,000	800,000	32,000	4.0%
Stockholders' Equity			-	
Common stock, \$1 par	275,400	270,000	5,400	2.0%
Retained earnings	727,600	525,000	202,600	38.6%
Total stockholders' equity	1,003,000	795,000	208,000	26.2%
Total liabilities and	\$1,925,000	\$1.505.000	\$240,000	15.09/
stockholders' equity	\$1,835,000	\$1,595,000	\$240,000	15.0%

Changes suggest that the company expanded its asset base during 2019 and financed this expansion primarily by retaining income rather than assuming additional long-term debt.



a. Horizontal Analysis (Income Statement)

Quality Department Store Inc. Condensed Income Statements For the Years Ended December 31					
			Increase or durin	(Decrease) g 2019	
	2019	2018	Amount	Percent	
Sales revenue Sales returns and allowances	\$2,195,000 98,000	\$1,960,000 123,000	\$235,000 (25,000)	12.0% (20.3%)	
Net sales Cost of goods sold	2,097,000 1,281,000	1,837,000 1,140,000	260,000 141,000	14.2% 12.4%	
Gross profit	816,000	697,000	119,000	17.1%	
Selling expenses Administrative expenses	253,000 104,000	211,500 108,500	41,500 (4,500)	19.6% (4.1%)	
Total operating expenses	357,000	320,000	37,000	11.6%	
Income from operations Other revenues and gains	459,000	377,000	82,000	21.8%	
Interest and dividends Other expenses and losses	9,000	11,000	(2,000)	(18.2%)	
Interest expense	36,000	40,500	(4,500)	(11.1%)	
Income before income taxes Income tax expense	432,000 168,200	347,500 139,000	84,500 29,200	24.3% 21.0%	
Net income	\$ 263,800	\$ 208,500	\$ 55,300	26.5%	

Overall, gross profit and net income were up substantially. Gross profit increased by 17.1%, and net income, 26.5%. Quality's profit trend appears favorable.



b. Vertical Analysis (Balance Sheet)

	t y Departmen ndensed Baland December :	e Sheets		
	20	19	2018	
	Amount	Percent	Amount	Percent
Assets				
Current assets	\$1,020,000	55.6%	\$ 945,000	59.2%
Plant assets (net)	800,000	43.6%	632,500	39.7%
Intangible assets	15,000	0.8%	17,500	1.1%
Total assets	\$1,835,000	100.0%	\$1,595,000	100.0%
Liabilities				
Current liabilities	\$ 344,500	18.8%	\$ 303,000	19.0%
Long-term liabilities	487,500	26.5%	497,000	31.2%
Total liabilities	832,000	45.3%	800,000	50.2%
Stockholders' Equity				
Common stock, \$1 par	275,400	15.0%	270,000	16.9%
Retained earnings	727,600	39.7%	525,000	32.9%
Total stockholders' equity	1,003,000	54.7%	795,000	49.8%
Total liabilities and stockholders' equity	\$1,835,000	100.0%	\$1,595,000	100.0%

These results reinforce the earlier observations that Quality is choosing to finance its growth through retention of earnings rather than through issuing additional debt.

Income before income taxes

Income tax expense

Net income



b. Vertical Analysis (Income Statement)

18.9%

7.5%

11.4%

347,500

139,000

\$ 208,500

	201	19	2018	
	Amount	Percent	Amount	Percent
Sales revenue	\$2,195,000	104.7%	\$1,960,000	106.7%
Sales returns and allowances	98,000	4.7%	123,000	6.7%
Net sales	2,097,000	100.0%	1,837,000	100.0%
Cost of goods sold	1,281,000	61.1%	1,140,000	62.1%
Gross profit	816,000	38.9%	697,000	37.9%
Selling expenses	253,000	12.0%	211,500	11.5%
Administrative expenses	104,000	5.0%	108,500	5.9%
Total operating expenses	357,000	17.0%	320,000	17.4%
Income from operations	459,000	21.9%	377,000	20.5%
Other revenues and gains Interest and dividends	9,000	0.4%	11,000	0.6%
Other expenses and losses Interest expense	36,000	1.7%	40,500	2.2%

432,000

168,200

\$ 263,800

20.6%

12.6%

8.0%

Quality Department Store Inc.

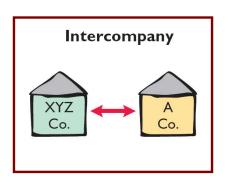
Quality appears to be a profitable enterprise that is becoming even more successful.

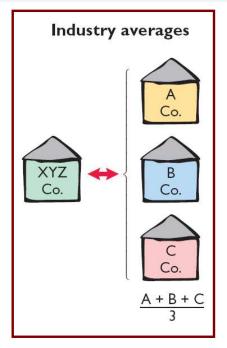


2. Financial Ratio Analysis

- **Financial ratio analysis** is the use of relationships among financial statement accounts to gauge the financial condition and performance of a company.
 - The ratio analysis enables comparative analysis:







Seven types of key financial ratios (see next slide)



Types of Ratios

Ratio	Financial Statement	Description
Profitability	Income statement	How much and how is the firm achieving returns on its investments?
Liquidity	Balance sheet	How well can the firm meet its short-term obligations?
Working capital	Income statement & balance sheet	How efficient is the firm in utilizing its net working capital?
Interest coverage	Income statement	How well is the firm's ability to meet its interest obligations?
Leverage	Balance sheet	To what extent does the firm rely on debt as a source of financing?
Valuation	Balance sheet, income statement and market data	How does the firm's performance or financial position relate to its market value?
Operating returns	Income statement & balance sheet	How efficient is the firm's operating assets?

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Table 2.4
Key Financial Ratios for Large U.S. Firms, Spring 2018
(Data shows quartiles [25% median, 75%] for U.S. stocks with market capitalization over \$1 billion)

Profitability Ratios		Leverage Ratios (contin	ued)
Gross Margin [28%, 43%, 67%]	Gross Profit Sales	Debt-to-Capital Ratio [20%, 40%, 57%]	Total Debt Total Equity + Total Debt
Operating Margin [6%, 12%, 22%]	Operating Income Sales	Debt-to-Enterprise Value Ratio [-3%, 10%, 25%]	Net Debt Enterprise Value
EBIT Margin [5%, 11%, 18%]	EBIT Sales	Equity Multiplier (book) [1.8x, 2.5x, 4.3x]	Total Assets Book Value of Equity
Net Profit Margin [2%, 7%, 15%]	Net Income Sales	Equity Multiplier (market) [1.0x, 1.1x, 1.4x]	Enterprise Value Market Value of Equity
Liquidity Ratios			market value of Esquity
Current Ratio [1.2x, 1.8x, 2.9x]	Current Assets Current Liabilities	Valuation Ratios	
Quick Ratio [0.7x, 1.2x, 2.0x]	Cash & Short-term Investments +Accounts Receivable	Market-to-Book Ratio [1.8x, 3.1x, 6.1x]	Market Value of Equity Book Value of Equity
Cash Ratio [0.1x, 0.4x, 0.9x]	Current Liabilities Cash Current Liabilities	Price-Earnings Ratio [16.1x, 23.7x, 37.9x]	Share Price Earnings per Share
Working Capital Ratios		Enterprise Value to Sales [1.5x, 2.7x, 5.0x]	Enterprise Value Sales
Accounts Receivable Days [33, 51, 68]	Accounts Receivable Average Daily Sales	Enterprise Value to EBIT [13.9x, 18.3x, 26.9x]	
Accounts Payable Days [26, 43, 65]	Accounts Payable Average Daily Cost of Sales	Enterprise Value to EBITDA	Enterprise Value
Inventory Days [28, 59, 96]	Inventory Average Daily Cost of Sales	[9.9x, 13.0x, 18.3x]	EBITDA
Interest Coverage Ratios		Operating Returns	
EBIT/Interest Coverage [2.5x, 5.7x, 12.8x]	EBIT Interest Expense	Asset Turnover [0.3x, 0.6x, 1.0x]	Sales Total Assets
EBITDA/Interest Coverage [4.7x, 8.6x, 17.1x]	EBITDA Interest Expense	Return on Equity (ROE) [3%, 10%, 18%]	Net Income Book Value of Equity
Leverage Ratios		Return on Assets (ROA) [-1%, 3%, 7%]	Net Income + Interest Expense
Debt-Equity Ratio (book) [24%, 62%, 124%]	Total Debt Book Value of Equity	Return on Invested	Book Value of Assets EBIT (1 - 'Tax Rate)
Debt-Equity Ratio (market) [6%, 21%, 47%]	'Total Debt Market Value of Equity	Capital (ROIC) [6%, 12%, 20%]	Book Value of Equity + Net D





Financial statements & the value problem

Financial statements have the recurring problem of valuation: Market value versus Book value

- Market value: forward looking
- Book value: backward looking (transactions-based)



Equity: Book Value (BV) vs. Market Value (MV)

• BV of equity =

BV of assets – BV of Liabilities

MV of equity (market capitalization) =

Number of shares outstanding * Market price per share

Market Value Added (MVA) = MV of equity – BV of equity

Market-to-Book Ratio (Price-to-Book Ratio)

Market-to-Book Ratio = $\frac{\text{Market Value of Equity}}{\text{Book Value of Equity}}$

- Value stocks (low M/B ratios)
- Growth stocks (high M/B ratios)

Enterprise Value = Market Value of Equity + Debt - Cash



Return on Equity (ROE)

- →A measure of the *efficiency* with which a company employs owners' capital.
- →In other words, a measure of *company financial* performance

Return on equity =
$$\frac{Net income}{Equity}$$

Three Determinants of ROE (DuPont Identity)

$$ROE = \frac{NetIncome}{Sales} * \frac{Sales}{Assets} * \frac{Assets}{Shareholders' Equity}$$

ROE = Net profit margin * Asset turnover * Financial leverage (equity multiplier)

- Profit margin: the earnings squeezed out of each dollar of sales (profit per dollar of sales)
- Asset turnover: the sales generated from each dollar of assets employed (resources/assets required to support sales)
- Financial leverage: the amount of equity used to finance the assets (shareholders' equity used to finance the assets)





Example: The DuPont Identity

Suppose that an analyst has noticed that the ROE of a Company has declined from FY2020 to FY2021. Using the DuPont identity formula, explain the source of this decline.

(millions)	<u> 2021</u>	<u>2020</u>
Revenues	\$1,000	\$900
Earnings before interest and taxes	\$400	\$380
Interest expense	\$30	\$30
Taxes	\$100	\$90
Total assets	\$2,000	\$2,000
Shareholders' equity	\$1,250	\$1,000

Ref.: CFA Institute



Example: The DuPont Identity Formula

	2021	2020
Return on equity (decrease)	0.216	0.260
Financial leverage (decrease)	1.60	2.00
Total asset turnover (increase)	0.50	0.45
Net profit margin (decrease)	0.27	0.29
Return on assets (increase)	0.135	0.130

Ref.: CFA Institute



Cautions in Using Financial Ratio Analysis

- Computation ≠ Analysis:
 - Computing a ratio is not the final answer (except sometimes in the exam ©)
 - Analysis entails computations and interpretations.
- Ratios are context dependent
 - Different users and questions (e.g., creditors, investors) focus on different ratios.
 - Some ratios are irrelevant for certain companies.
- Differences in accounting standards can limit comparability.



Post-Lecture Learning Activities

- There are exercises for you to do! (see Brightspace, use Week 1 Checklist).
- We will discuss the details of the technicality of financial statement analysis in Workshop 1 (Thursday, 7 September) (given by Aleksandrina Ralcheva)
- In Workshop 1, you also have the chance to do the first bonus question!
- See you next week (Tuesday, 12 Sept at 10.45-12.30). Thank you!