

Securities and Financial Statements

Firms need assets to operate and funds to acquire assets

To raise funds, they sell securities (claims)

Debt: e.g., Short- and Long-term Debt, Accounts Payable

Equity: e.g., preferred stock, common stock

Sale and redemption (e.g., bonds) recorded on Balance Sheet

Periodic payments (e.g., interest) recorded on Income Statement

Priority and fixity of claims

1. creditors (fixed)
2. preferred shareholders (fixed, deferrable)
3. common shareholders (residual)

Market value of firm's securities

firm's *expected future* performance

current general security market conditions

Value = f(size, timing, risk) of future cash flows

Note: financial statements refer to the *past*, but value depends on the future

Main Financial Statements: Overview

Balance Sheet

state of firm at end of period (“stock,” like snapshot)

historical values of assets when acquired and financing when raised

Income Statement

results of firm during period (“flow,” like movie)

does not distinguish cash and non-cash (accrued)

does not indicate when flows actually occur

Cash Flow Statement

cash generated during period (flow)

includes cash from operations, investment, and financing activities

operating cash flow similar to net income, but with all non-cash items filtered out

Balance Sheet

What firm owns and owes at some point in time, *recorded at historical values*:

Assets	Liabilities & Equity
Cash	Accounts Payable
Marketable Securities	Notes Payable
Accounts Receivable	Accrued Wages
Inventories	Accrued Taxes
Land	Long-term Debt
Plant & Equipment	Preferred Stock
[Intangibles]	Common Stock
<i>Total assets</i>	<i>Total liabilities & equity</i>

Income Statement

Flow of funds through firm during period, *without distinguishing between cash and non-cash items or when flows actually occur* (accrual basis, matching).

Sales
– Cost of Goods Sold (CoGS)
– Operating Expenses
– Depreciation
<hr/>
= Earnings before Interest and Taxes (EBIT)
– Interest
<hr/>
= Earnings before Taxes (EBT)
– Taxes
<hr/>
= Net Income before Preferred Dividends
– Preferred Dividends (if any)
<hr/>
= Net Income (NI)
– Common Dividends (if any)
<hr/>
= <i>Addition</i> to Retained Earnings ($\Delta R/E$)