



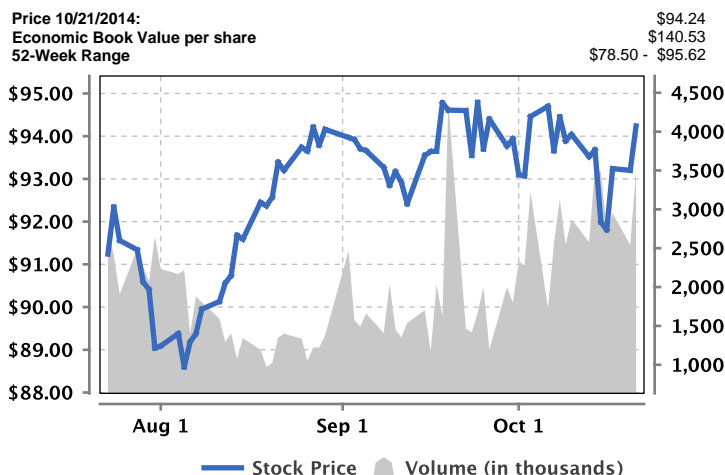
The Travelers Companies, Inc. (TRV)

NYSE - Financials

Very Attractive

Investment Recommendation

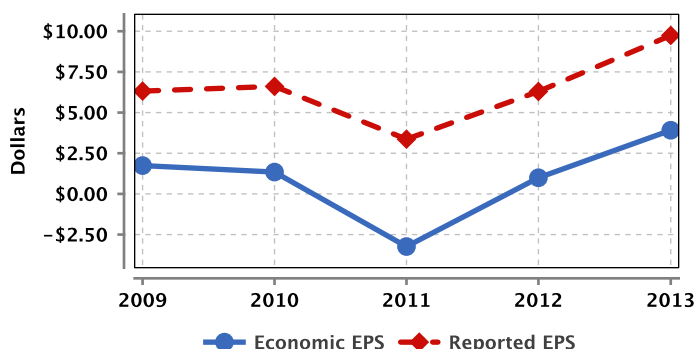
- We strongly recommend investors buy TRV.
- TRV earns our Very Attractive rating. See Investment Rating Details below.
- A Very Attractive rating means this stock has superior upside potential with low downside risk.
- TRV ranks in the 99th percentile of the 3000+ stocks we cover.
- 14 out of 598 Financials Sector stocks.



Investment Rating Details

Overall Rating	Quality of Earnings		Valuation		
	Economic vs Reported EPS	Return on Invested Capital (ROIC)	FCF Yield	Price-to-EBV Ratio	Growth Appreciation Period (yrs)
Very Dangerous	Misleading Trend	Bottom Quintile	<-5%	> 3.5 or -1 < 0	> 50
Dangerous	False Positive	4th Quintile	-5%<-1%	2.4 < 3.5 or < -1	20 < 50
Neutral	Neutral EE	3rd Quintile	-1%<3%	1.6 < 2.4	10 < 20
Attractive	Positive EE	2nd Quintile	3%<10%	1.1 < 1.6	3 < 10
Very Attractive	Rising EE	Top Quintile	>10%	0 < 1.1	0 < 3
Actual Values	\$3.91 vs. \$9.74	12.4%	11.3%	0.67	0
S&P 500 (SPY)	Neutral EE	20.1%	4.0%	2.51	29
Russell 2000 (IWM)	Neutral EE	7.6%	(1.2%)	4.47	60

Accounting vs Economic Earnings



Earnings & Valuation Diligence Summary

- TRV's accounting earnings overstate its economic earnings.
- For TRV, we made 21 income statement and balance sheet adjustments to convert accounting earnings to economic earnings in FY13 for a total value of \$6,094 million.
- We made 3 adjustments equal to \$1,099 million in our DCF valuation of the stock.
- TRV ranks 1,716 of all the companies we cover for the number of earnings adjustments and 445 for the number of valuation adjustments.
- See Appendices 1 and 2 for details on our [adjustments](#).

Stock Performance

Year to Date	5.9%
Last 30 Days	(0.4%)
Last 60 Days	1.1%
Last 90 Days	3.3%
Last Year	11.2%

Key Market Statistics

Enterprise Value (MM)	\$33,073
Market Value (MM)	\$31,951
Shares Outstanding (thousands)	339,044
30 Day Avg Volume (thousands)	2,159
EBV per Share	\$140.53

Need Help?

- [Stock Report Tutorial](#)
- [Virtual Tour of all research services](#)
- [Get More Ratings](#)
- [Stock Rating Methodology](#)

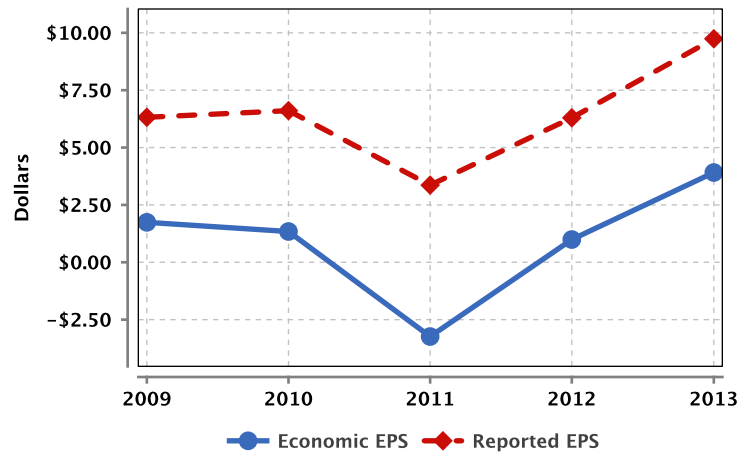
**Economic vs Reported Earnings**

Economic Earnings are **Very Attractive**

Economic Earnings are almost always meaningfully different than reported earnings. We believe Economic Earnings provide a truer measure of profitability and shareholder value creation than reported earnings because they have been adjusted to remove over twenty accounting distortions.

The majority of data required to reverse accounting distortions is available only in the Footnotes and MD&A, which we analyze rigorously. Our core competency is gathering and analyzing all relevant financial data from filings so that we can deliver earnings analysis that best represents the true profitability of businesses.

Economic Earnings per share (EEPS) for TRV are \$3.91 for the last fiscal year and earn a Very Attractive rating.

Economic EPS vs Reported EPS**Return on Invested Capital (ROIC)**

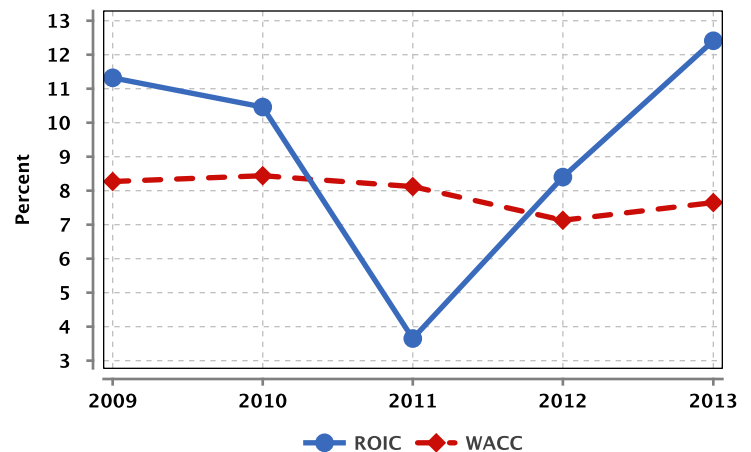
ROIC vs WACC is **Attractive**

ROIC measures a company's return on all cash invested in the business. It is the truest measure of profitability. Stock valuations are more highly correlated to ROIC than any other metric.

Weighted-Average Cost of Capital (WACC) is the average of debt and equity capital costs that all publicly traded companies with debt and equity stakeholders incur as a cost of operating.

Companies must earn an ROIC greater than WACC to generate positive economic earnings and create value for shareholders.

TRV's ROIC of 12.4% compared to its WACC of 7.8% in the last fiscal year earns an Attractive rating.

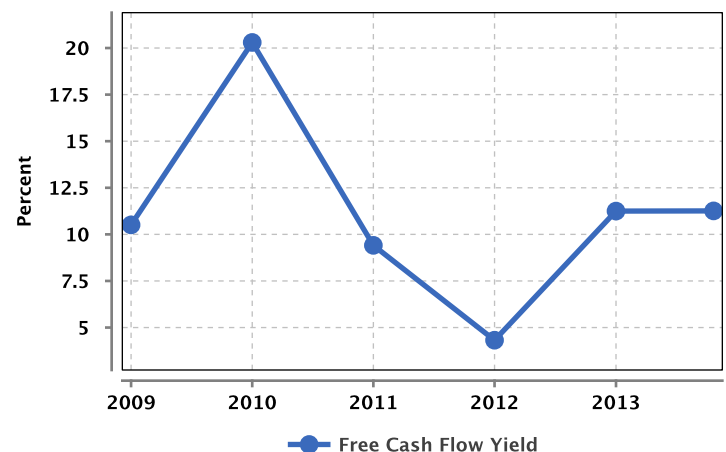
ROIC vs WACC**Free Cash Flow Yield (FCF Yield)**

Free Cash Flow Yield is **Very Attractive**

Free Cash Flow reflects the amount of cash free for distribution to all stakeholders (including debt & equity). FCF Yield divides free cash flow by [enterprise value](#).

Using Free Cash Flow Yield to pick stocks is not a new strategy. However, our strategy yields superior results because we use a better measure of Free Cash Flow. In the same way our Economic EPS are better measures of profitability than reported EPS, our measure of Free Cash Flow is better than traditional accounting-based Free Cash Flow.

TRV's current FCF is \$3,725 million. The FCF Yield is 11.3% and earns a Very Attractive rating.

Free Cash Flow Yield

Price-to-EBV Ratio

Price-to-EBV Ratio is **Very Attractive**

[Price-to-Economic Book Value](#) (EBV) measures the difference between the market's expectations for future profits and the no-growth value of the stock.

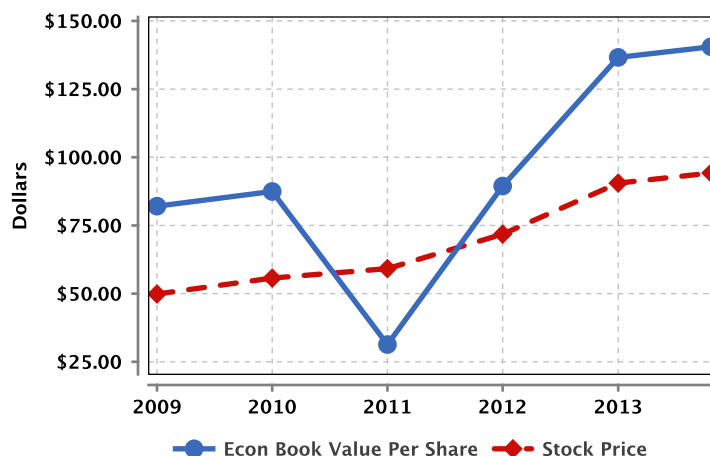
EBV measures the no-growth value of the company based on the company's current Net Operating Profit After Tax ([NOPAT](#)).

When prices are higher than EBV, the market predicts the NOPAT of the company will increase and expectations for profit growth are reflected in the stock. If the stock price equals EBV, the market predicts NOPAT will remain the same and there are no expectations for profit growth reflected in the stock. When stock prices are lower than EBV, the market predicts NOPAT will decrease and expectations for permanent profit decline are reflected in the stock.

In general, we like to buy stocks with low expectations for profit growth and sell/short stocks with high expectations for profit growth.

TRV's current Price-to-EBV per share is 0.7 and earns a Very Attractive rating.

Stock Price vs Economic Book Value (EBV) Per Share



Growth Appreciation Period

The Growth Appreciation Period is **Very Attractive**

The market-implied duration of profit growth or [GAP](#) measures the number of years the company must maintain an edge over its competitors by earning ROIC greater than the weighted-average cost of capital on new investments.

We believe TRV embeds a Very Attractive level of market expectations because there is a conservative level of expected financial performance implied by its market price compared to the company's historical performance.

At TRV's current stock price of \$94.24 the market is expecting almost no profit growth over the remainder of the company's life. As a result, expectations in TRV's price are very conservative.

These results are derived using our [dynamic discounted cash flow model](#).

Performance Hurdles	Historical Performance			Market Expectations
	5 Yr	3Yr	Last FY	Default <small>based on current price</small>
Stock Price	\$49.86	\$59.17	\$90.54	\$94.24
Revenue CAGR	1.5%	1.5%	1.8%	-
Avg Economic Earnings Margin	1.3%	0.5%	4.8%	-
Growth Appreciation Period	-	-	-	< 1 year

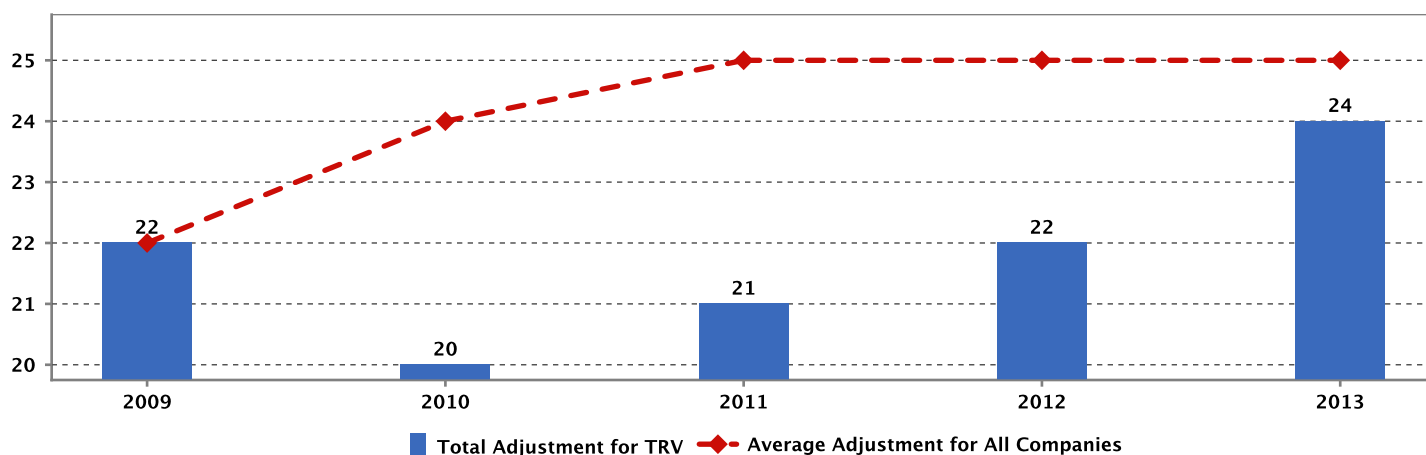
Protecting You From Misleading Accounting Loopholes

Our experts know where the (accounting) bodies are buried. Since 1996, we have combed through 70,000+ corporate filings. We know how to find what companies may try to hide. We protect clients from the constantly changing landscape of accounting loopholes and hidden items buried deep in footnotes, the Management Discussion & Analysis ("MD&A") and other disclosures. Our experts review thousands of pages of corporate disclosures and filings to ensure that you have the best possible research on earnings quality and valuation.

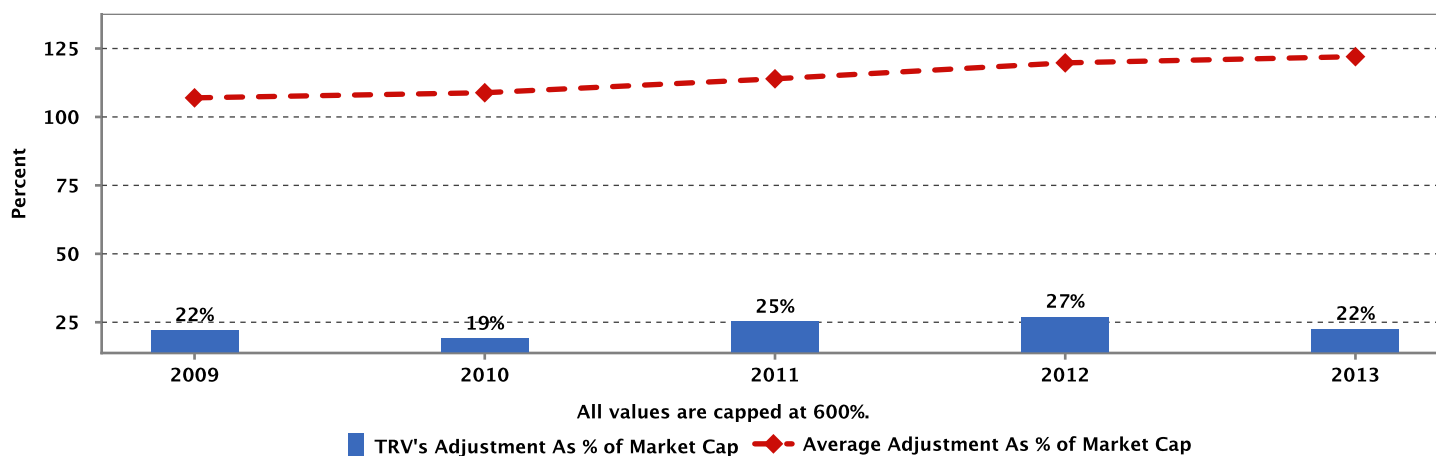
Values in millions

	2009	2010	2011	2012	2013
Total Adjustments Summary for The Travelers Companies, Inc.					
Number of Adjustments	22	20	21	22	24
Average for all companies	22	24	25	25	25
Total Value of Adjustments	\$7,039	\$6,056	\$8,031	\$8,615	\$7,193
Total Value of Adjustments as % of market cap	22%	19%	25%	27%	22%
Average for all companies	107%	109%	114%	120%	122%

Number of Adjustments



\$ Value of Adjustments As % of Market Cap



Income Statement Adjustments

We made 10 adjustments to convert The Travelers Companies, Inc.'s reported 2013 earnings to NOPAT, for a net impact of \$135 million. We net 3 income adjustments of \$300 million against 7 expense adjustments of \$435 million.

80% of companies require more adjustments to reported earnings as a percent of revenue than TRV to calculate NOPAT.

The most notable accounting distortion to reported Net Income for TRV in 2013 is \$91 million (less than 1% of revenue) of non-operating income hidden in operating line items. Non-operating income line items are unusual items that don't appear on the income statement because they are bundled in other line items. Without carefully studying the footnotes, investors would miss these non-operating line items located in operating items, making the company look more profitable than it is.

Our adjustments to reported earnings enable us to calculate an accurate NOPAT, a key component of our ROIC and economics earnings calculations. There are, in general, [9 types of adjustments that we make to convert reported net income to NOPAT](#). NOPAT is the after-tax operating cash generated by the business, excluding unusual items, financing costs and other non-cash items.

Balance Sheet Adjustments

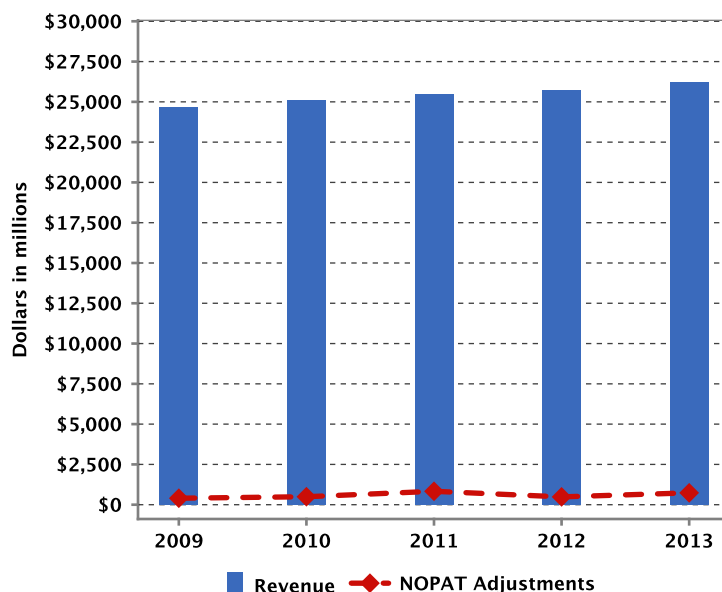
We made 11 adjustments to convert The Travelers Companies, Inc.'s reported 2013 net assets to Invested Capital, for a net impact of \$381 million. We net 4 asset decrease adjustments of \$2,489 million against 7 increase adjustments of \$2,870 million.

85% of companies require more adjustments than TRV to calculate Invested Capital.

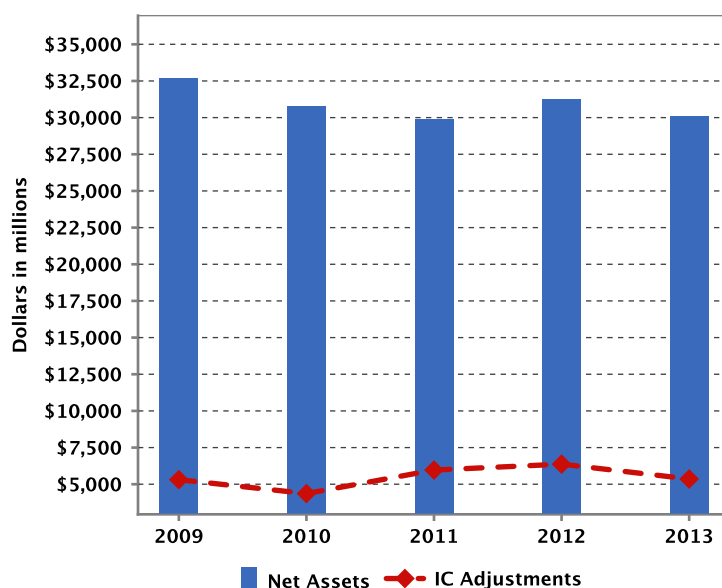
The most notable accounting distortion to reported net assets for TRV in 2013 is \$1,834 million in adjustments for Other Comprehensive Income, which is 6% of reported net assets. We remove OCI from our invested capital calculation to (1) better represent the actual capital on hand for management to generate a return and (2) avoid the noise from the fluctuations of OCI.

Our adjustments to reported net assets enable us to calculate an accurate [Invested Capital](#), a key component of our ROIC and economics earnings calculations. There are, in general, [12 types of adjustment that we make to convert reported net assets to Invested Capital](#). Invested Capital is the sum of all cash that has been invested in a company over its life without regard to financing form or accounting name.

Income Statement Adjustments



Balance Sheet Adjustments



Stock Valuation Adjustments

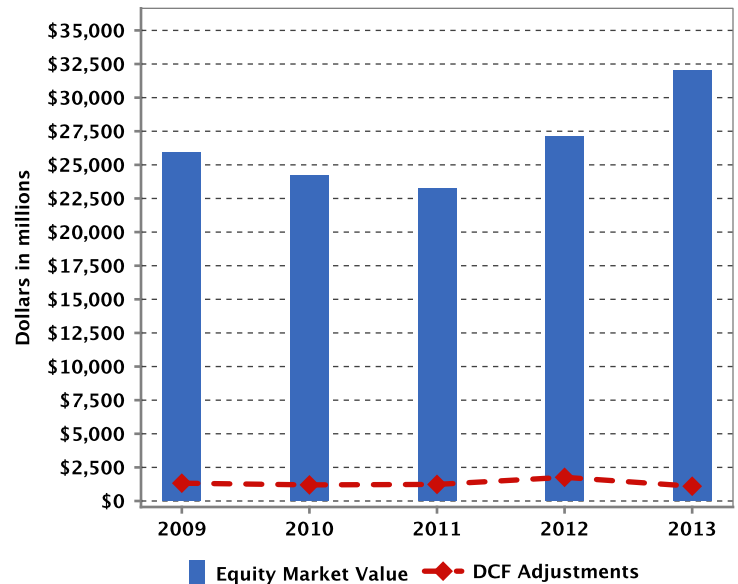
We made 3 adjustments for a net impact of \$1,099 million to our DCF model for The Travelers Companies, Inc. in 2013, consisting entirely of adjustments that decrease value.

95% of companies require more adjustments as a percent of market value to calculate valuation metrics.

The most notable accounting distortion to these valuation metrics for TRV in 2013 was off-balance-sheet operating leases. We adjusted shareholder value by \$704 million, which is 2% of the firm's market value. The fair value of operating leases is subtracted from shareholder value because this is the value of cash that will be paid on these obligations and not available to shareholders.

Our valuation adjustments protect clients from unknowns that could blow stocks up. These adjustments enable us to derive more accurate calculations for [Economic Book Value](#), [Enterprise Value](#) and our [Discounted Cash Flow Model](#). There are, in general, [10 types of adjustments that we apply to our valuation metrics](#).

Stock Valuation Adjustments



Appendix 1: Adjustments for Economic Earnings

Reported earnings don't tell the whole truth of a company's profits. We scour the footnotes and fine print so clients have the whole truth. Full details on our adjustment methodologies are [here](#). See our [Company Models tutorials](#) to learn how you can modify adjustments and see where we find them in SEC filings.

Values in millions	2009	2010	2011	2012	2013
Income Statement Adjustments					
GAAP Net Income	\$3,593.00	\$3,188.00	\$1,414.00	\$2,454.00	\$3,646.00
Total Non-Operating Expense Hidden in Operating Earnings	(\$13.00)	\$16.00	\$41.00	\$50.00	(\$40.00)
Reported Net Non-Operating Items	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Change in Total Reserves	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Implied Interest for PV of Operating Leases	\$29.74	\$27.69	\$22.40	\$23.30	\$31.40
Non-Operating Tax Adjustment	\$1.97	\$49.80	(\$389.50)	(\$14.14)	\$116.75
Net After-Tax Non-Operating Expense/(Income)	\$29.00	\$28.00	\$12.00	\$19.00	\$27.00
NOPAT	\$3,640.70	\$3,309.49	\$1,099.90	\$2,532.16	\$3,781.16

Balance Sheet Adjustments

Total Assets (unadjusted)	\$109,560.00	\$105,181.00	\$104,602.00	\$104,938.00	\$103,812.00
Total Current/Investment Liabilities	(\$76,858.00)	(\$74,413.00)	(\$74,701.00)	(\$73,665.00)	(\$73,717.00)
Reported Net Assets	\$32,702.00	\$30,768.00	\$29,901.00	\$31,273.00	\$30,095.00
Short-Term Debt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Excess Cash	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Total Reserves	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Unconsolidated Subsidiary Assets (non-operating)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Discontinued Operations Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deferred Compensation Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deferred Tax Adjustment	(\$672.00)	(\$493.00)	(\$7.00)	\$0.00	(\$303.00)
Over Funded Pensions (Asset)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Off-Balance-Sheet Operating Leases	\$585.41	\$527.34	\$455.23	\$592.82	\$704.11
Accumulated Unrecorded Goodwill	\$775.68	\$775.68	\$775.68	\$775.68	\$775.68
Accumulated Goodwill Amortization	\$257.00	\$257.00	\$257.00	\$257.00	\$257.00
Accumulated Asset Write-Downs After-Tax	\$132.21	\$132.21	\$132.21	\$132.21	\$132.21
Accumulated OCI (Other Comprehensive Income)	(\$1,219.00)	(\$1,255.00)	(\$2,005.00)	(\$2,236.00)	(\$810.00)
Invested Capital	\$32,561.30	\$30,712.23	\$29,509.12	\$30,794.71	\$30,850.99
Average Invested Capital	\$32,174.20	\$31,636.76	\$30,110.67	\$30,151.91	\$30,475.82

Appendix 2: Adjustments for our Discounted Cash Flow Model, Economic Book Value, and Enterprise Value Calculations

We use a [dynamic discounted cash flow \(DCF\) model](#) to quantify the market expectations for future cash flows in stock prices. This approach, also known as "expectations investing" or "reverse DCF", is the most transparent and objective approach to valuing stocks. More in our [DCF model video tutorial](#).

Values in millions	2009	2010	2011	2012	2013	Current
Excess Cash	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Net Assets from Discontinued Operations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Net Deferred Tax Liability	\$0.00	\$0.00	\$0.00	(\$338.00)	\$0.00	\$0.00
Net Deferred Compensation Assets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fair Value of Unconsolidated Subsidiary Assets (non-op)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fair Value of Total Debt	(\$585.41)	(\$527.34)	(\$455.23)	(\$592.82)	(\$704.11)	(\$704.11)
Fair Value of Preferred Capital	(\$79.00)	(\$68.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Fair Value of Minority Interests	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.00)
Value of Outstanding ESO After-Tax	(\$287.35)	(\$221.54)	(\$163.43)	(\$223.73)	(\$287.30)	(\$309.57)
Pensions Net Funded Status	(\$373.00)	(\$381.00)	(\$616.00)	(\$606.00)	(\$108.00)	(\$108.00)
Total Valuation Adjustments	(\$1,324.75)	(\$1,197.88)	(\$1,234.66)	(\$1,760.55)	(\$1,099.40)	(\$1,121.68)

Appendix 3: Explanation of New Constructs' Stock Ratings

Ratings

In-depth risk/reward analysis underpins our stock rating. Our stock rating methodology grades every stock according to what we believe are the 5 most important criteria for assessing the quality of a stock. Each grade reflects the balance of potential risk and reward of buying that stock. Our analysis results in the 5 ratings described below. Very Attractive and Attractive correspond to a "Buy" rating, Very Dangerous and Dangerous correspond to a "Sell" rating, while Neutral corresponds to a "Hold" rating.

Overall Rating	Quality of Earnings		Valuation		
	Economic vs Reported EPS	Return on Invested Capital (ROIC)	FCF Yield	Price-to-EBV Ratio	Growth Appreciation Period
Very Dangerous	Misleading Trend	Bottom Quintile	< -5%	> 3.5 or -1 < 0	> 50
Dangerous	False Positive	4th Quintile	-5% < -1%	2.4 < 3.5 or < -1	20 < 50
Neutral	Neutral EE	3rd Quintile	-1% < 3%	1.6 < 2.4	10 < 20
Attractive	Positive EE	2nd Quintile	3% < 10%	1.1 < 1.6	3 < 10
Very Attractive	Rising EE	Top Quintile	> 10%	0 < 1.1	0 < 3

Ratings

[Economic earnings](#) and return on capital metrics are significantly more accurate when as-reported financial statements have been adjusted to reverse [accounting distortions and Red Flags](#). The majority of the data required to reverse accounting distortions is available only in the Notes to the Financial Statements, which we analyze rigorously. Our core competency is gathering and analyzing all relevant financial data (from the Financial Statements and Notes) so that we can deliver earnings analysis that best represents the true profitability of businesses. See the figure below for a list of the Red Flag adjustments we make to a company's reported GAAP profits in order to reverse accounting distortions and arrive at a better measure of a firm's profits.

Accounting Issues and Red Flags that Distort GAAP

- Employee Stock Options
- Pension Over/Under Funding
- Excess Cash
- Restructuring Charges
- Pooling Goodwill
- Minority Interests
- Discontinued Operations
- Preferred Stock
- Mid-Year Acquisitions
- Off-Balance-Sheet Financing
- LIFO Reserve
- Unrealized Gains/Losses
- Goodwill Amortization
- Unconsolidated Subsidiaries
- Capitalized Expenses
- Deferred Compensation
- Net Deferred tax Assets and Liabilities

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How New Constructs Creates Value for Clients

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2. **More Accurate Research** - Our [patented Research Platform](#) for [reversing accounting distortions](#) and [discounted cash flow analysis](#) leverages better data to deliver smarter research.
3. **Time Savings** - We check the fine print in thousands of corporate filings so you don't have to. As reported by [Barron's](#), our expertise in analyzing SEC filings delivers [Hidden Gems and Red Flags](#) that drive long-term stock-picking success.
4. **Transparency** - We are proud to share the results of our analysis of over 50,000 10-Ks. See the [Corporate Disclosure Transgressions](#) report we provided to the SEC. Our reports detail all data and assumptions. Company Models enable users to change them.
5. **Objectivity** - New Constructs is an independent research firm, not tied to Wall Street or investment banking services. See our [presentation to the Senate Banking Committee](#), the SEC and many others in DC.

Our Philosophy About Research

Accounting data is not designed for equity investors, but for debt investors. [Accounting data must be translated into economic earnings](#) to understand the profitability and valuation relevant to equity investors. Respected investors (e.g. Adam Smith, Warren Buffett and Ben Graham) have repeatedly emphasized that accounting results should not be used to value stocks. [Economic earnings](#) are what matter because they are:

1. Based on the complete set of financial information available.
2. Standard for all companies.
3. A more accurate representation of the true underlying cash flows of the business.

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