



Where to Our Get Credit Ratings

Members can get our Credit Ratings on the Portfolios, Ratings, and Screeners pages. Details on our Credit Rating methodology are [here](#).

Portfolios page: expand the ratings details the first column of any stock in your Portfolio, and then click the “Switch to Credit Rating” button. See Figure 1.

Figure 1: Credit Rating for All Stocks in Your Portfolio

The screenshot shows the 'Portfolios' page in the New Constructs interface. At the top, there is a navigation bar with 'Portfolios' highlighted. Below the navigation bar, there is a search box for tickers and several utility buttons like 'Gold Membership', 'Alerts', 'Download CSV', and 'Print All'. A table of stocks is displayed with columns for Ticker, Name, Type, Sector, Mkt Val, Div Yield, Risk/Reward Rating, ROIC, FCF Yield, Price to EBV, GAP, Analyst Notes, and Earnings Distortion Score. The first row is for 'AAON' (AAON Inc.), which has a 'Neutral' Risk/Reward Rating and an 'In-Line' Earnings Distortion Score. A red box highlights the 'AAON' ticker in the first column, and another red box highlights the 'Switch to Credit Rating' button in the 'Earnings Distortion Score' column. Red arrows point from these boxes to each other, indicating the path to view the credit rating.

Ticker	Name	Type	Sector / Style	Mkt Val / AUM ¹	Div Yield	Risk/Reward Rating ▲	ROIC	FCF Yield	Price to EBV	GAP	Analyst Notes ²	Earnings Distortion Score ³
AAON	AAON Inc.	Stock	Industrials	\$3,426	0.6%	Neutral	24%	1%	2.4	> 100	Nov 09, 2020	In-Line

Sources: New Constructs, LLC

Platinum and higher members also get our Credit Ratings on the Ratings and Screeners pages.

Ratings Page: enter any stock ticker and click the “Switch to Credit Rating” button to view the Credit Rating. See Figure 2.

Figure 2: Credit Ratings on the Ratings Page

The screenshot shows the 'Ratings' page in the New Constructs interface. At the top, there is a navigation bar with 'Ratings' highlighted. Below the navigation bar, there is a search box for tickers and a 'View Ratings' button. A table of stocks is displayed with columns for Ticker, Name, Type, Sector, Mkt Val, Div Yield, Risk/Reward Rating, ROIC, FCF Yield, Price to EBV, GAP, Analyst Notes, and Earnings Distortion Score. The first row is for 'Barnes Group, Inc. (B)', which has a 'Neutral' Risk/Reward Rating and an 'In-Line' Earnings Distortion Score. A red box highlights the 'View Ratings' button, and another red box highlights the 'Switch to Credit Rating' button. Red arrows point from the 'View Ratings' button to the 'Switch to Credit Rating' button, indicating the path to view the credit rating.

Ticker	Name	Type	Sector	Mkt Val	Div Yield	Risk/Reward Rating	ROIC	FCF Yield	Price to EBV	GAP	Analyst Notes	Earnings Distortion Score
B	Barnes Group, Inc. (B)	Stock	Industrials	\$2.4 Billion	1.4%	Neutral	24%	1%	2.4	> 100	Nov 09, 2020	In-Line

Sources: New Constructs, LLC



You can also click “Credit Ratings” from the blue menu bar, enter a ticker and get our Credit Rating. See Figure 3.

Figure 3: Credit Ratings on the Ratings Page Menu Bar

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Upgrade Education Research Portfolios **Ratings** Screeners Data

Stocks, ETFs, & Mutual Funds **Credit Ratings** Screeners

Ticker: **View Ratings** Coverage Credit Ratings Methodology

Barnes Group, Inc. (B) Closing Price: \$46.83 (Nov 10, 2020)
Market Value: \$2.4 Billion
Dividend Yield: 1.4%
Sector: Industrials

Credit Rating Group : Other Mid Cap **Switch to Equity Rating**

Sources: New Constructs, LLC

Stock Screeners page: click the button in the Details column and then the “Switch to Credit Rating” button to view the Credit Rating. See Figure 4.

Figure 4: Credit Ratings on the Screeners Page

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Upgrade Education Research Portfolios Ratings **Screeners** Data

Stocks ETFs and Mutual Funds

Select criteria:

Price Dividend Yield % Sector

Market Value MM Index US 500 US 2000 US 1000 US 3000

> More **Filter**

Details	Ticker	Name	Sector	Price ¹	Mkt Val ²	Div Yield	Risk/Reward Rating ▲	ROIC	FCF Yield	Price to EBV	GAP	Analyst Notes Updated ³	Add To Portfolio + Add All
	CFFI	C&F Financial Corp	Financials	\$35.78	\$131	4.2%	Very Attractive					Nov 05, 2020	+

Stock Ratings Methodology

C&F Financial Corp (CFFI) Closing Price: \$35.78 (Nov 10, 2020)
Market Value: \$131 Million
Dividend Yield: 4.2%
Sector: Financials

Earnings Distortion Score : **In-Line** **Switch to Credit Rating**

Sources: New Constructs, LLC

More Credit Rating Research

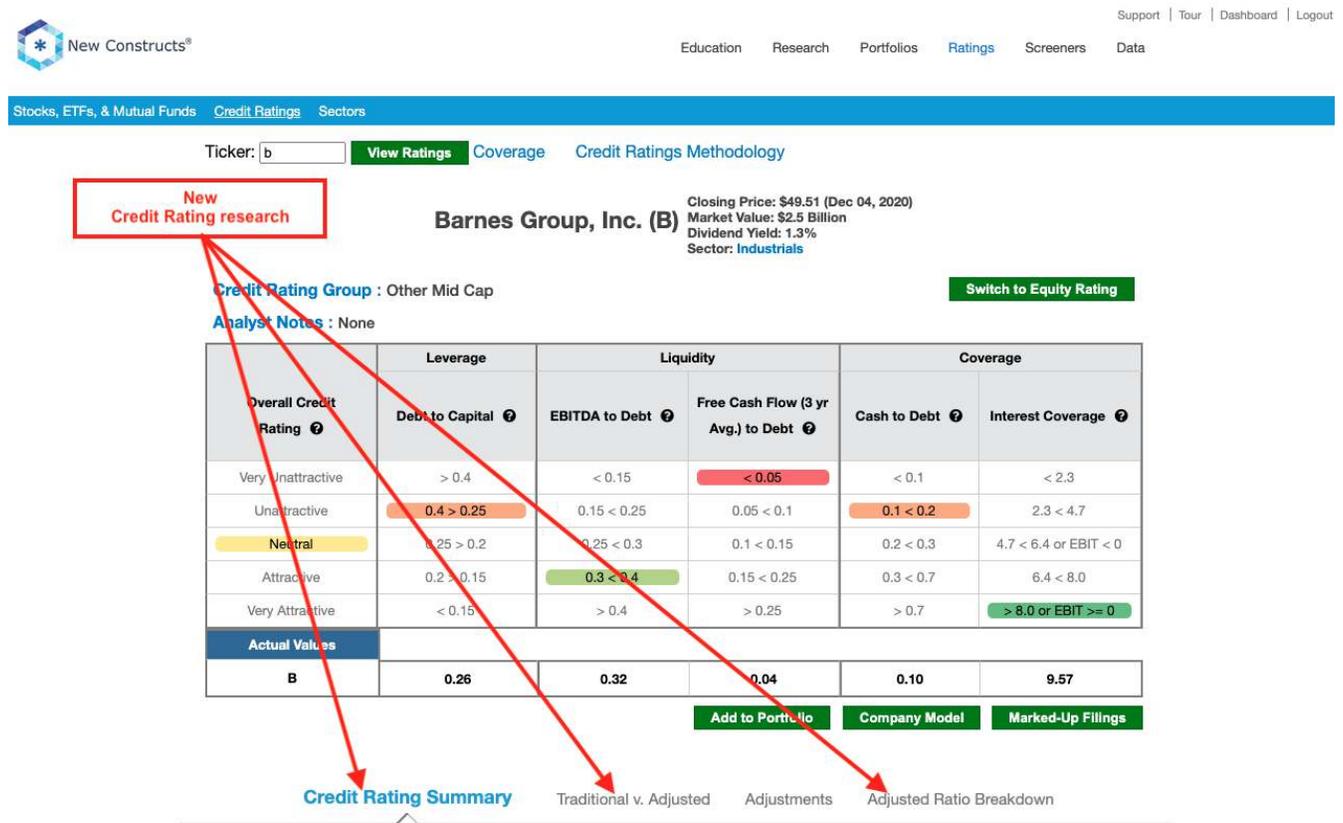
We provide additional Credit Rating research:

1. A Credit Rating Summary,
2. Comparison of Traditional v. Adjusted Ratios,
3. Adjusted Ratio Breakdown to show how we calculate each ratio.

This research is available to all members on their Portfolios page, to Platinum and higher members on the Ratings page, and to Unlimited and higher members on the Screeners pages.



Figure 5: More Credit Rating Research Below Credit Rating Table

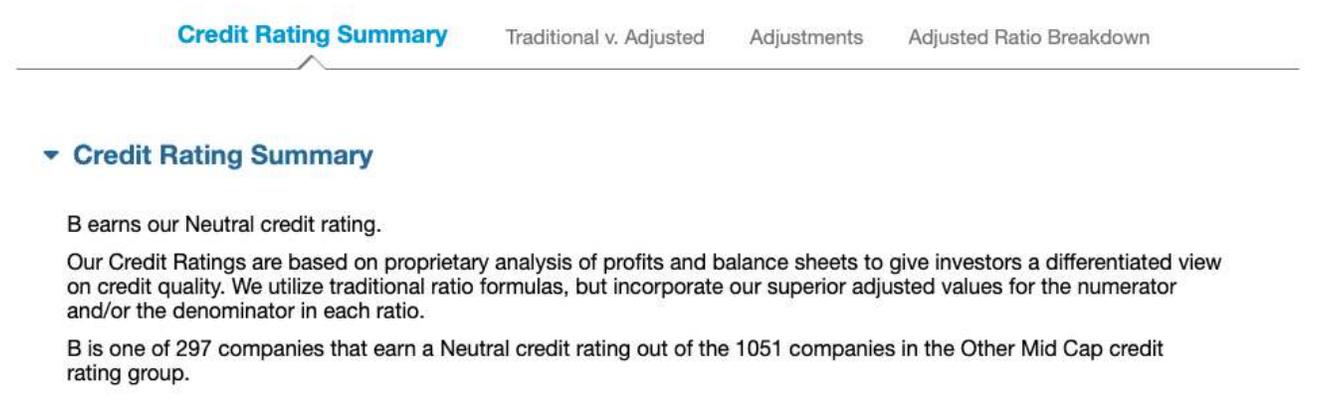


Sources: New Constructs, LLC

Credit Rating Summary Tab

Get a brief summary of our Overall Credit Rating and details on where each company ranks versus peers in its credit rating group.

Figure 6: Credit Ratings Summary Details



Sources: New Constructs, LLC

Traditional v. Adjusted Tab

We compare the traditional and adjusted versions of our five Credit Rating ratios over the last five years in charts, and we highlight the biggest adjustments which differentiate our adjusted ratios from traditional ratios. See image below for a sample of this research for the Debt to Capital ratio.



Figure 7: Credit Ratings Traditional v. Adjusted Ratio Details

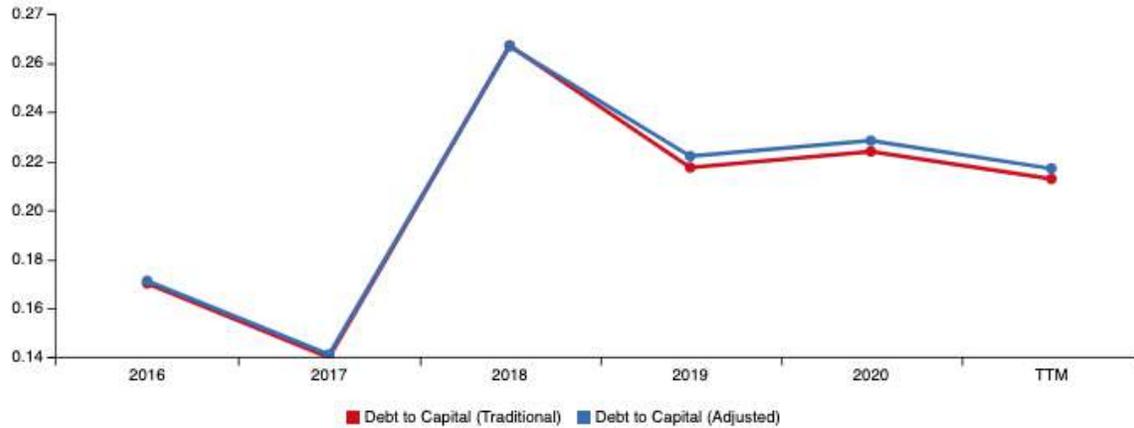
Credit Rating Summary

Traditional v. Adjusted

Adjustments

Adjusted Ratio Breakdown

▼ **Debt to Capital - Traditional v. Adjusted**



	2016	2017	2018	2019	2020	Current/TTM
Debt to Capital (Traditional)	0.17	0.14	0.26	0.22	0.22	0.21
Debt to Capital (Adjusted)	0.17	0.14	0.26	0.22	0.23	0.22

Adjusted Debt to Capital is **Neutral**

Debt to Capital is a leverage ratio that measures how much debt a company has relative to its Total Capital. It equals a company's interest bearing debt divided by Total Capital. Total Capital equals all debt plus market value of equity and preferred stock. A high Debt to Capital suggests a company's credit quality is poor because it carries more debt relative to other capital sources than other companies. A low Debt to Capital ratio suggests the opposite.

Adjusted Debt to Capital leverages our proprietary analysis of debt and capital. Our adjusted debt calculation accounts for the fair value of debt, [off-balance sheet debt](#), and [management assumptions that distort reported debt](#).

B has an Adjusted Debt to Capital of 0.22 compared to a Traditional Debt to Capital of 0.21 over the trailing twelve months.

▶ **EBITDA to Debt - Traditional v. Adjusted**

▶ **Free Cash Flow (3yr avg.) to Debt - Traditional v. Adjusted**

▶ **Cash to Debt - Traditional v. Adjusted**

▶ **Interest Coverage - Traditional v. Adjusted**

Sources: New Constructs, LLC



Adjustments Tab

The research here is the same as what you see for our Stock Ratings.

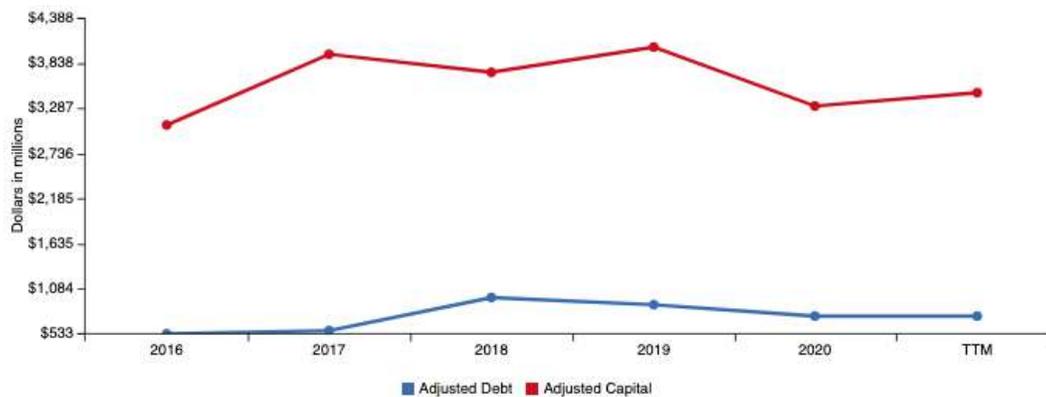
Adjusted Ratio Breakdown Tab

We present the values and a five-year chart for each of the components of the Credit Rating ratios. For example, as shown in the picture below, we provide the values for adjusted debt and adjusted capital, which we use to calculate the Adjusted Debt to Capital ratio. We provide the same granularity for each Credit Rating ratio.

Figure 8: Credit Ratings Adjusted Ratio Breakdown Details

[Credit Rating Summary](#)
 [Traditional v. Adjusted](#)
 [Adjustments](#)
 [Adjusted Ratio Breakdown](#)

Adjusted Debt to Capital



\$ Values in Millions	2016	2017	2018	2019	2020	Current/TTM
Adjusted Debt (MM)	\$533	\$572	\$976	\$889	\$750	\$750
Adjusted Capital (MM)	\$3,085	\$3,950	\$3,729	\$4,038	\$3,317	\$3,479
Debt to Capital (Adjusted)	0.17	0.14	0.26	0.22	0.23	0.22

Adjusted Debt to Capital is **Neutral**

B's Adjusted Debt to Capital ratio is 0.22 based on Adjusted Debt of \$750 million and Adjusted Capital of \$3,479 million over the trailing twelve months.

- ▶ **Adjusted EBITDA to Debt**
- ▶ **Adjusted Free Cash Flow (3yr avg) to Debt**
- ▶ **Adjusted Cash to Debt**
- ▶ **Adjusted Interest Coverage Ratio**

Sources: New Constructs, LLC



This article originally published on [December 16, 2020](#).

Disclosure: David Trainer, Kyle Guske II, Alex Sword, and Matt Shuler receive no compensation to write about any specific stock, style, or theme.

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It's Official: We Offer the Best Fundamental Data in the World

Many firms claim their research is superior, but none of them can prove it with independent studies from highly-respected institutions as we can. Three different papers from both the public and private sectors show:

1. Legacy fundamental datasets suffer from significant inaccuracies, omissions and biases.
2. Only our “novel database” enables investors to overcome these flaws and apply [reliable](#) fundamental data in their research.
3. Our proprietary measures of [Core Earnings](#) and [Earnings Distortion](#) materially improve stock picking and forecasting of profits.

Best Fundamental Data in the World

Forthcoming in [The Journal of Financial Economics](#), a top peer-reviewed journal, [Core Earnings: New Data & Evidence](#) proves our Robo-Analyst technology overcomes material shortcomings in legacy firms’ data collection processes to provide superior [fundamental data](#), [earnings](#) models, and [research](#). More [details](#).

Key quotes from the paper:

- “[New Constructs’] *Total Adjustments* differs significantly from the items identified and excluded from Compustat’s adjusted earnings measures. For example... 50% to 70% of the variation in *Total Adjustments* is not explained by *S&P Global’s (SPGI) Adjustments* individually.” – pp. 14, 1st para.
- “A final source of differences [between New Constructs’ and S&P Global’s data] is due to data collection oversights...we identified cases where Compustat did not collect information relating to firms’ income that is useful in assessing core earnings.” – pp. 16, 2nd para.

Superior Models

A top accounting firm features the superiority of our ROIC, NOPAT and Invested Capital research to Capital IQ & Bloomberg’s in [Getting ROIC Right](#). See the [Appendix](#) for direct comparison details.

Key quotes from the paper:

- “...an accurate calculation of ROIC requires more diligence than often occurs in some of the common, off-the-shelf ROIC calculations. Only by scouring the footnotes and the MD&A [as New Constructs does] can investors get an accurate calculation of ROIC.” – pp. 8, 5th para.
- “The majority of the difference...comes from New Constructs’ machine learning approach, which leverages technology to calculate ROIC by applying accounting adjustments that may be buried deeply in the footnotes across thousands of companies.” – pp. 4, 2nd para.

Superior Stock Ratings

Robo-Analysts’ stock ratings outperform those from human analysts as shown in this [paper](#) from Indiana’s Kelley School of Business. Bloomberg features the paper [here](#).

Key quotes from the paper:

- “the portfolios formed following the buy recommendations of Robo-Analysts earn abnormal returns that are statistically and economically significant.” – pp. 6, 3rd para.
- “Our results ultimately suggest that Robo-Analysts are a valuable, alternative information intermediary to traditional sell-side analysts.” – pp. 20, 3rd para.

Our mission is to provide the best fundamental analysis of public and private businesses in the world and make it affordable for all investors, not just Wall Street insiders.

We believe every investor deserves to know the whole truth about the profitability and valuation of any company they consider for investment. More details on our cutting-edge technology and how we use it are [here](#).



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